Additional Appendices

These are appendices to augment Finklea 2014[1]. Finklea 2014 highlights the methodology behind the calculation of the room air kerma as well as the derivation of the room ratios. Room factors were calculated for 5 room sizes; a) 10 x 10 x 10, b) 50 x 50 x 10, c) 100 x100 x10, d) 200 x 200 x 20 and 400 x 400 x 40 ft for photons of energies ranging between 10 keV and 10 MeV. Monoenergetic photons were used in the original room factor calculations. From the monoenergetic room factor, radionuclide specific factors were derived using interpolation methods. The relative radionuclide specific room factor was computed as:

$$R = \frac{\sum_{i=1}^{n} Y(E_i)R(E_i)D_p(h, E_i)}{\sum_{i=1}^{n} Y(E_i)D_p(h, E_i)}$$

where $Y(E_i)$ is the yield of photons of energy E_i in the decay of the radionuclide (ICRP 107), $R(E_i)$ is the room factor for the room and location of interest at energy E_i and D_p is the dose rate for an infinite planar source emitting photons of energy E_i with the same source thickness as that in the room. Radionuclides and their respective photon emissions are provided in ICRP 107. It is recommended that an applicable dose rate coefficient for a room with surface or volume contamination be approximated by multiplying the external dose coefficients of FGR 12 by the room factor provided in the following tables. This will yield a conservative estimate of the dose rate as well as relative risk.

Material compositions are provided in section 3.3 of Finklea 2014. The materials are adobe mud brick, concrete, drywall, glass, wood and two composites. Composite one is made of a mixture of drywall, concrete, wood and glass. Composite two is made of a mixture of wood, drywall, and concrete. The specific contributions of each material to the composite is explained in the materials section.

In these appendixes, Room Factors are presented for:

Adobe…….A

Concrete…….B

Drywall……...C

Glass……D

Wood……...E

Composite 1……F

Composite 2……G

[1] Finklea,L. *Room Radiation Dose Coefficients for External Exposure.* Master's Thesis, Georgia Institute of Technology, 2014.

APPENDIX A

These are appendices to augment Finklea 2014 Room Radiation Dose Coefficients for External Exposure as utilized in http://epa-bprg.ornl.gov/ and http://epa-bdcc.ornl.gov/ ."

Table 1: Adobe Surface Contamination for 10x10x10 ft room and 50x50x10 ft room

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.5760	0.3287	0.4974	0.5839	0.4687	0.3237	0.5385	0.6120
Ac-224	3.6392	2.4284	3.2661	3.6856	3.5540	2.9239	3.9028	4.1470
Ac-225	0.8212	0.4816	0.7137	0.8310	0.6822	0.4844	0.7772	0.8731
Ac-226	1.5422	1.0399	1.3893	1.5617	1.5342	1.2768	1.6787	1.7708
Ac-227	0.2385	0.1244	0.2018	0.2419	0.1745	0.1051	0.2067	0.2444
Ac-228	2.3035	1.5067	2.0632	2.3255	2.3074	1.9090	2.5229	2.6454
Ac-230	1.0511	0.6741	0.9365	1.0603	1.0354	0.8445	1.1357	1.1959
Ac-231	2.9157	2.0397	2.6529	2.9521	3.0628	2.6426	3.3142	3.4410
Ac-232	1.5634	1.0113	1.3970	1.5759	1.5820	1.3093	1.7268	1.7993
Ac-233	1.1072	0.7565	1.0048	1.1200	1.2036	1.0440	1.2993	1.3314
Ag-100m	1.7304	1.2429	1.5950	1.7426	2.0746	1.8945	2.1967	2.1651
Ag-101	1.7219	1.2480	1.5864	1.7382	1.9886	1.8037	2.1130	2.1151
Ag-102m	1.2205	0.8585	1.1168	1.2286	1.4234	1.2818	1.5121	1.5028
Ag-102	2.7524	1.9725	2.5337	2.7722	3.2629	2.9710	3.4575	3.4209
Ag-103	2.3118	1.6668	2.1228	2.3317	2.5894	2.3277	2.7632	2.7870
Ag-104	3.7612	2.6728	3.4515	3.7874	4.3653	3.9440	4.6359	4.6163
Ag-104m	1.5644	1.1125	1.4348	1.5752	1.8086	1.6323	1.9204	1.9154
Ag-105	2.5924	1.8383	2.3695	2.6120	2.8784	2.5655	3.0695	3.1111
Ag-105m	0.0907	0.0441	0.0756	0.0924	0.0625	0.0338	0.0759	0.0926
Ag-106	0.6132	0.4216	0.5557	0.6165	0.6616	0.5801	0.7071	0.7200
Ag-106m	4.5971	3.2837	4.2229	4.6319	5.3314	4.8236	5.6613	5.6474
Ag-108	0.0519	0.0362	0.0473	0.0522	0.0575	0.0510	0.0613	0.0620
Ag-108m	3.6108	2.5802	3.3148	3.6386	4.1468	3.7375	4.4092	4.4164
Ag-109m	0.6031	0.3999	0.5406	0.6060	0.6169	0.5248	0.6641	0.6904
Ag-110	0.0454	0.0328	0.0419	0.0458	0.0539	0.0491	0.0571	0.0566
Ag-110m	2.9647	2.1383	2.7373	2.9869	3.5659	3.2652	3.7751	3.7196
Ag-111	0.0867	0.0649	0.0806	0.0878	0.1019	0.0934	0.1082	0.1086
Ag-111m	0.3617	0.2309	0.3211	0.3639	0.3545	0.2913	0.3859	0.4080
Ag-112	0.6771	0.4895	0.6252	0.6821	0.8141	0.7453	0.8615	0.8494
Ag-113m	0.7226	0.5161	0.6625	0.7305	0.8089	0.7203	0.8664	0.8811
Ag-113	0.1909	0.1421	0.1772	0.1931	0.2245	0.2057	0.2384	0.2387
Ag-114	0.2848	0.2070	0.2632	0.2872	0.3415	0.3129	0.3615	0.3570

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ag-115	0.6859	0.5065	0.6355	0.6933	0.8104	0.7425	0.8596	0.8551
Ag-116	1.6812	1.2130	1.5505	1.6939	2.0199	1.8491	2.1367	2.1059
Ag-117	1.3893	1.0213	1.2854	1.4021	1.6412	1.5017	1.7430	1.7303
Ag-99	1.9454	1.4172	1.7968	1.9643	2.2910	2.0906	2.4308	2.4177
Al-26	0.9172	0.6485	0.8421	0.9221	1.1142	1.0160	1.1779	1.1523
Al-28	0.8906	0.6307	0.8182	0.8954	1.0841	0.9895	1.1457	1.1199
Al-29	0.9264	0.6585	0.8506	0.9315	1.1240	1.0357	1.1855	1.1642
Am-237	3.8252	2.5562	3.4356	3.8682	3.7868	3.1449	4.1430	4.3785
Am-238	3.5581	2.3664	3.1954	3.5930	3.5717	2.9830	3.8962	4.0876
Am-239	5.0971	3.3160	4.5434	5.1549	4.8442	3.9085	5.3433	5.7257
Am-240	4.1338	2.6891	3.6925	4.1729	4.0549	3.3262	4.4446	4.6947
Am-241	1.1335	0.8630	1.0594	1.1507	1.3272	1.2318	1.3899	1.3941
Am-242	0.9772	0.6020	0.8593	0.9868	0.8736	0.6692	0.9756	1.0637
Am-242m	0.8008	0.4626	0.6935	0.8088	0.6661	0.4740	0.7577	0.8472
Am-243	1.4531	0.9976	1.3125	1.4701	1.4780	1.2564	1.6039	1.6768
Am-244	3.9310	2.4994	3.4910	3.9673	3.7772	3.0415	4.1621	4.4202
Am-244m	0.3938	0.2358	0.3441	0.3974	0.3444	0.2577	0.3867	0.4240
Am-245	0.5031	0.3344	0.4512	0.5089	0.4938	0.4082	0.5418	0.5733
Am-246	5.5351	3.5477	4.9232	5.5897	5.3145	4.2890	5.8560	6.2259
Am-246m	1.7808	1.1819	1.6029	1.7955	1.8705	1.5940	2.0262	2.0870
Am-247	1.7143	1.1601	1.5448	1.7337	1.7208	1.4457	1.8791	1.9745
Ar-37	0.1072	0.0503	0.0888	0.1093	0.0706	0.0350	0.0870	0.1080
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9111	0.6478	0.8368	0.9162	1.1051	1.0186	1.1656	1.1450
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1118	0.7958	1.0244	1.1191	1.3444	1.2326	1.4211	1.3962
Ar-44	1.8292	1.3456	1.6945	1.8473	2.1834	2.0019	2.3134	2.2885
As-68	2.1940	1.5674	2.0208	2.2089	2.6382	2.4121	2.7922	2.7493
As-69	0.5334	0.3475	0.4768	0.5413	0.5308	0.4359	0.5845	0.6199
As-70	3.0193	2.1235	2.7677	3.0424	3.5455	3.2026	3.7696	3.7457
As-71	2.6531	1.5961	2.3232	2.6975	2.3594	1.7655	2.6700	2.9548
As-72	1.1385	0.7579	1.0272	1.1500	1.2351	1.0616	1.3367	1.3671
As-73	3.9628	1.9040	3.2957	4.0377	2.6801	1.4027	3.2718	4.0201
As-74	1.3495	0.8157	1.1854	1.3678	1.2635	0.9775	1.4124	1.5303
As-76	0.5679	0.4137	0.5252	0.5728	0.6793	0.6224	0.7193	0.7115
As-77	0.0349	0.0257	0.0323	0.0354	0.0395	0.0356	0.0423	0.0428
As-78	1.2701	0.9168	1.1720	1.2795	1.5273	1.3992	1.6162	1.5934
As-79	0.0589	0.0433	0.0546	0.0595	0.0701	0.0643	0.0743	0.0740
At-204	5.0744	3.5185	4.6172	5.1299	5.5181	4.8100	5.9445	6.0865
At-205	3.2577	2.1664	2.9255	3.2961	3.2885	2.7407	3.5913	3.7719

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-206	5.2455	3.6507	4.7770	5.3031	5.7226	5.0020	6.1595	6.3002
At-207	4.6348	3.1211	4.1793	4.6866	4.8139	4.0808	5.2288	5.4344
At-208	6.6185	4.5335	6.0005	6.6906	7.0630	6.0879	7.6346	7.8575
At-209	6.4591	4.3686	5.8314	6.5335	6.7214	5.7083	7.2991	7.5804
At-210	5.5415	3.7237	4.9959	5.6030	5.7747	4.9072	6.2667	6.5044
At-211	1.1223	0.7074	0.9916	1.1375	1.0197	0.7897	1.1373	1.2418
At-215	0.0006	0.0004	0.0005	0.0006	0.0006	0.0006	0.0007	0.0007
At-216	0.0509	0.0331	0.0453	0.0516	0.0483	0.0388	0.0534	0.0574
At-217	0.0016	0.0011	0.0014	0.0016	0.0016	0.0014	0.0018	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.8005	1.3029	1.6563	1.8244	2.0066	1.7888	2.1507	2.1898
Au-186	3.2712	2.2417	2.9628	3.3148	3.4456	2.9539	3.7383	3.8824
Au-187	3.4469	2.1626	3.0488	3.4943	3.2709	2.5910	3.6308	3.9144
Au-190	3.8228	2.5916	3.4530	3.8691	4.0378	3.4537	4.3789	4.5411
Au-191	4.1046	2.6433	3.6536	4.1633	3.9714	3.2060	4.3886	4.7039
Au-192	3.6737	2.4669	3.3095	3.7184	3.8324	3.2508	4.1671	4.3412
Au-193	3.0525	1.9234	2.6992	3.0987	2.8372	2.2261	3.1618	3.4400
Au-193m	2.2439	1.3761	1.9732	2.2791	2.0249	1.5415	2.2758	2.5018
Au-194	3.1953	2.1167	2.8667	3.2368	3.2434	2.7065	3.5463	3.7350
Au-195	3.2287	1.9127	2.8109	3.2790	2.7784	2.0302	3.1545	3.5322
Au-195m	2.2689	1.3925	1.9955	2.3041	2.0489	1.5608	2.3020	2.5298
Au-196	3.0129	2.0077	2.7059	3.0543	3.0435	2.5377	3.3311	3.5218
Au-196m	5.4856	3.3111	4.8015	5.5706	4.8158	3.5836	5.4479	6.0450
Au-198	1.0050	0.7358	0.9287	1.0166	1.1695	1.0620	1.2449	1.2533
Au-198m	6.2814	4.1694	5.6309	6.3771	6.1912	5.0972	6.8046	7.2537
Au-199	1.3058	0.8686	1.1722	1.3253	1.2833	1.0538	1.4134	1.5040
Au-200	0.3714	0.2679	0.3419	0.3749	0.4347	0.3952	0.4619	0.4624
Au-200m	5.4146	3.8728	4.9695	5.4811	6.0708	5.4024	6.5089	6.6080
Au-201	0.2394	0.1404	0.2084	0.2430	0.2081	0.1521	0.2362	0.2630
Au-202	0.2299	0.1659	0.2119	0.2320	0.2710	0.2469	0.2877	0.2867
Ba-124	1.8954	1.3108	1.7207	1.9091	2.0686	1.8264	2.2101	2.2485
Ba-126	2.1874	1.5256	1.9916	2.2037	2.4252	2.1573	2.5858	2.6174
Ba-127	1.1325	0.7799	1.0261	1.1403	1.2229	1.0754	1.3082	1.3347
Ba-128	1.2740	0.8528	1.1455	1.2806	1.3456	1.1672	1.4413	1.4790
Ba-129	1.3203	0.8915	1.1901	1.3289	1.4004	1.2168	1.5025	1.5410
Ba-129m	3.9488	2.7597	3.6004	3.9839	4.3948	3.9005	4.6988	4.7600
Ba-131	2.8037	1.9715	2.5569	2.8260	3.0983	2.7585	3.3091	3.3528
Ba-131m	1.5736	1.0778	1.4212	1.5895	1.6418	1.4183	1.7729	1.8403
Ba-133	3.2557	2.2724	2.9601	3.2814	3.5604	3.1517	3.8021	3.8755

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ba-133m	1.3186	0.8253	1.1650	1.3308	1.2723	1.0293	1.3969	1.4864
Ba-135m	0.9891	0.6596	0.8883	0.9956	1.0373	0.8947	1.1148	1.1473
Ba-137m	0.9263	0.6655	0.8532	0.9333	1.0926	0.9932	1.1591	1.1500
Ba-139	0.3654	0.2727	0.3389	0.3701	0.4168	0.3790	0.4444	0.4474
Ba-140	1.0423	0.6473	0.9205	1.0550	0.9916	0.7864	1.0989	1.1816
Ba-141	2.0543	1.5196	1.9033	2.0774	2.4078	2.2020	2.5562	2.5545
Ba-142	1.8641	1.3444	1.7158	1.8814	2.1660	1.9692	2.2999	2.2973
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0977	0.0721	0.0906	0.0988	0.1164	0.1068	0.1233	0.1225
Bi-197	3.6628	2.4008	3.2795	3.7056	3.6924	3.0631	4.0377	4.2449
Bi-200	6.2494	4.3101	5.6754	6.3237	6.6998	5.8038	7.2359	7.4579
Bi-201	3.6663	2.4183	3.2880	3.7084	3.7300	3.1137	4.0705	4.2636
Bi-202	5.6448	3.8784	5.1239	5.7068	6.0909	5.2835	6.5720	6.7488
Bi-203	4.2460	2.8310	3.8203	4.2933	4.4093	3.7256	4.7941	4.9825
Bi-204	5.8338	3.9705	5.2817	5.8977	6.2297	5.3655	6.7359	6.9403
Bi-205	3.4928	2.2826	3.1251	3.5333	3.5175	2.9105	3.8486	4.0458
Bi-206	6.6953	4.5688	6.0650	6.7699	7.1614	6.1716	7.7423	7.9678
Bi-207	3.7439	2.4950	3.3685	3.7864	3.8670	3.2621	4.2070	4.3847
Bi-208	2.4099	1.5253	2.1371	2.4360	2.3681	1.9122	2.6052	2.7582
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2396	0.8839	1.1350	1.2567	1.3546	1.1927	1.4585	1.4978
Bi-211	0.1955	0.1380	0.1785	0.1979	0.2130	0.1867	0.2294	0.2362
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.4039	0.2312	0.3497	0.4093	0.3440	0.2453	0.3921	0.4384
Bi-213	0.3698	0.2627	0.3386	0.3741	0.4107	0.3637	0.4406	0.4492
Bi-214	1.2611	0.9022	1.1609	1.2702	1.5065	1.3738	1.5958	1.5758
Bi-215	0.9954	0.6929	0.9050	1.0079	1.0579	0.9150	1.1438	1.1833
Bi-216	1.4820	1.0757	1.3675	1.4973	1.7268	1.5655	1.8367	1.8382
Bk-245	3.9273	2.6344	3.5297	3.9714	3.8863	3.2367	4.2551	4.4901
Bk-246	3.9910	2.5926	3.5623	4.0297	3.9093	3.2030	4.2916	4.5326
Bk-247	1.6422	1.1660	1.4980	1.6626	1.7391	1.5186	1.8755	1.9388
Bk-248m	1.0017	0.6445	0.8908	1.0118	0.9501	0.7647	1.0488	1.1208
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4439	0.9654	1.3039	1.4547	1.5511	1.3399	1.6721	1.7084
Bk-251	2.2428	1.4612	2.0011	2.2670	2.1495	1.7470	2.3721	2.5251
Br-72	1.9311	1.3545	1.7677	1.9468	2.2402	2.0115	2.3870	2.3824
Br-73	1.4217	0.9919	1.2944	1.4381	1.5373	1.3415	1.6580	1.7032
Br-74	2.1833	1.5306	1.9963	2.1999	2.5321	2.2684	2.6961	2.6892
Br-74m	2.6640	1.8747	2.4398	2.6845	3.1012	2.7858	3.3017	3.2903
Br-75	1.8306	1.2591	1.6606	1.8549	1.9284	1.6520	2.0940	2.1769

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-76	2.4765	1.6252	2.2230	2.5006	2.5978	2.1902	2.8231	2.9208
Br-76m	2.8647	1.6802	2.4889	2.8989	2.3937	1.7009	2.7134	3.0508
Br-77	2.5090	1.4695	2.1829	2.5447	2.1450	1.5449	2.4401	2.7288
Br-77m	1.4192	0.8098	1.2252	1.4367	1.1246	0.7554	1.2961	1.4851
Br-78	0.2577	0.1598	0.2278	0.2607	0.2450	0.1927	0.2720	0.2921
Br-80	0.1818	0.1098	0.1596	0.1840	0.1663	0.1268	0.1863	0.2028
Br-80m	2.7724	1.5822	2.3937	2.8019	2.2377	1.5335	2.5611	2.9054
Br-82m	1.3070	0.7107	1.1162	1.3229	0.9739	0.6038	1.1408	1.3353
Br-82	3.0251	2.1896	2.7944	3.0493	3.6323	3.3271	3.8462	3.7939
Br-83	0.0124	0.0090	0.0115	0.0125	0.0146	0.0133	0.0155	0.0154
Br-84m	2.8050	2.0304	2.5909	2.8282	3.3704	3.0896	3.5677	3.5250
Br-84	1.0031	0.7164	0.9234	1.0094	1.2147	1.1114	1.2842	1.2596
Br-85	0.0669	0.0482	0.0617	0.0674	0.0805	0.0737	0.0852	0.0839
C-10	0.9046	0.6557	0.8360	0.9119	1.0866	0.9941	1.1515	1.1353
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1915	0.0898	0.1585	0.1952	0.1260	0.0626	0.1553	0.1929
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8048	0.5745	0.7401	0.8098	0.9743	0.8972	1.0284	1.0112
Ca-49	0.8616	0.6068	0.7890	0.8647	1.0523	0.9605	1.1091	1.0811
Cd-101	2.4385	1.7528	2.2390	2.4566	2.8053	2.5415	2.9735	2.9802
Cd-102	2.2950	1.6242	2.0987	2.3110	2.5727	2.3018	2.7379	2.7642
Cd-103	2.1709	1.5090	1.9773	2.1816	2.4520	2.1883	2.6065	2.6162
Cd-104	2.3200	1.6277	2.1112	2.3343	2.5244	2.2356	2.6895	2.7395
Cd-105	1.5801	1.0953	1.4376	1.5878	1.7689	1.5734	1.8817	1.8952
Cd-107	1.7391	1.1630	1.5625	1.7453	1.8031	1.5488	1.9329	1.9972
Cd-109	1.6357	1.0904	1.4684	1.6416	1.6901	1.4480	1.8132	1.8756
Cd-111m	1.9900	1.4551	1.8354	2.0125	2.2440	2.0250	2.3917	2.4188
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0011	0.0007	0.0010	0.0011	0.0011	0.0010	0.0012	0.0012
Cd-115	0.4134	0.3010	0.3819	0.4172	0.4851	0.4424	0.5142	0.5124
Cd-115m	0.0313	0.0225	0.0289	0.0315	0.0378	0.0347	0.0399	0.0393
Cd-117	1.3761	1.0032	1.2714	1.3887	1.6316	1.4941	1.7282	1.7181
Cd-117m	1.4912	1.0689	1.3735	1.5010	1.8005	1.6503	1.9035	1.8716
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.6221	1.1821	1.4988	1.6361	1.9336	1.7707	2.0487	2.0301
Cd-119m	1.7843	1.2803	1.6437	1.7963	2.1479	1.9684	2.2710	2.2367
Ce-130	2.8053	1.9669	2.5550	2.8293	3.0735	2.7255	3.2920	3.3437
Ce-131	2.8892	2.0060	2.6287	2.9158	3.1819	2.8066	3.4111	3.4704
Ce-132	2.5962	1.8472	2.3739	2.6223	2.8633	2.5502	3.0606	3.1088

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-133	2.5939	1.7936	2.3489	2.6138	2.7868	2.4518	2.9791	3.0501
Ce-133m	3.9270	2.7645	3.5859	3.9584	4.4273	3.9639	4.7168	4.7495
Ce-134	1.1289	0.7384	1.0080	1.1349	1.1630	0.9925	1.2521	1.2940
Ce-135	2.9307	2.0623	2.6752	2.9563	3.2743	2.9196	3.4944	3.5330
Ce-137	1.4621	0.9022	1.2866	1.4740	1.3976	1.1238	1.5350	1.6358
Ce-137m	0.9878	0.6538	0.8850	0.9952	1.0233	0.8752	1.1035	1.1417
Ce-139	2.2148	1.5532	2.0169	2.2359	2.4006	2.1171	2.5740	2.6271
Ce-141	0.8469	0.6249	0.7823	0.8568	0.9524	0.8615	1.0197	1.0286
Ce-143	1.6904	1.1818	1.5380	1.7058	1.8576	1.6452	1.9852	2.0216
Ce-144	0.2861	0.2053	0.2619	0.2890	0.3139	0.2802	0.3372	0.3423
Ce-145	2.5514	1.7721	2.3198	2.5716	2.8295	2.5095	3.0219	3.0601
Cf-244	0.2760	0.1628	0.2402	0.2785	0.2360	0.1730	0.2663	0.2942
Cf-246	0.1891	0.1116	0.1646	0.1908	0.1619	0.1188	0.1826	0.2017
Cf-247	3.5256	2.2152	3.1161	3.5626	3.2410	2.5428	3.6056	3.8960
Cf-248	0.2260	0.1335	0.1967	0.2280	0.1936	0.1422	0.2184	0.2411
Cf-249	1.5731	1.0739	1.4234	1.5900	1.6450	1.4074	1.7836	1.8530
Cf-250	0.1830	0.1095	0.1599	0.1847	0.1602	0.1199	0.1798	0.1971
Cf-251	2.4503	1.6153	2.1926	2.4775	2.3791	1.9509	2.6152	2.7761
Cf-252	0.6535	0.4535	0.5950	0.6593	0.7207	0.6337	0.7733	0.7850
Cf-253	0.6023	0.3512	0.5229	0.6082	0.5140	0.3756	0.5810	0.6439
Cf-254	17.7071	12.9428	16.3734	17.8641	21.0884	19.3307	22.3311	22.1230
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.1222	0.8250	1.0384	1.1321	1.3369	1.2263	1.4192	1.4014
Cl-36	0.0015	0.0007	0.0013	0.0015	0.0010	0.0005	0.0012	0.0015
Cl-38	0.6580	0.4655	0.6040	0.6614	0.8015	0.7314	0.8468	0.8272
Cl-39	1.3929	1.0134	1.2871	1.4058	1.6702	1.5361	1.7669	1.7466
Cl-40	1.7398	1.2342	1.5980	1.7488	2.1151	1.9350	2.2326	2.1852
Cm-238	1.9956	1.3271	1.7885	2.0173	1.9412	1.5993	2.1302	2.2617
Cm-239	3.6447	2.5154	3.3017	3.6884	3.7247	3.1714	4.0515	4.2324
Cm-240	0.3206	0.1882	0.2787	0.3234	0.2698	0.1950	0.3055	0.3393
Cm-241	4.7077	3.0494	4.1961	4.7586	4.5229	3.6627	4.9841	5.3132
Cm-242	0.2878	0.1690	0.2503	0.2904	0.2423	0.1750	0.2743	0.3047
Cm-243	2.6094	1.6645	2.3150	2.6402	2.4332	1.9283	2.6982	2.9121
Cm-244	0.2472	0.1451	0.2149	0.2494	0.2080	0.1503	0.2355	0.2616
Cm-245	2.7030	1.7687	2.4127	2.7328	2.5778	2.0886	2.8400	3.0372
Cm-246	0.2008	0.1184	0.1748	0.2026	0.1703	0.1239	0.1925	0.2132
Cm-247	0.8675	0.6377	0.8023	0.8775	1.0067	0.9148	1.0716	1.0797
Cm-248	1.5653	1.1175	1.4372	1.5792	1.7995	1.6193	1.9170	1.9203
Cm-249	0.3660	0.1829	0.3070	0.3726	0.2623	0.1507	0.3149	0.3782

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cm-250	14.0037	10.2299	12.9466	14.1280	16.6647	15.2692	17.6490	17.4892
Cm-251	0.4466	0.3037	0.4038	0.4512	0.4658	0.3982	0.5053	0.5235
Co-54m	2.7744	2.0024	2.5596	2.7960	3.3362	3.0645	3.5281	3.4872
Co-55	1.3971	0.9602	1.2722	1.4098	1.5822	1.4011	1.6947	1.7080
Co-56	2.9165	1.9317	2.6271	2.9429	3.1902	2.7548	3.4431	3.5099
Co-57	2.7929	1.7046	2.4517	2.8364	2.4781	1.8696	2.8100	3.0984
Co-58	1.5588	0.9609	1.3772	1.5787	1.5223	1.2136	1.6876	1.7962
Co-58m	0.7672	0.3600	0.6350	0.7820	0.5050	0.2510	0.6226	0.7729
Co-60	1.8508	1.3174	1.7015	1.8615	2.2433	2.0661	2.3671	2.3255
Co-60m	0.8672	0.4138	0.7203	0.8838	0.5832	0.3019	0.7139	0.8793
Co-61	1.0882	0.7944	0.9999	1.1023	1.2071	1.0831	1.2900	1.3166
Co-62	1.0720	0.7630	0.9856	1.0781	1.2998	1.1955	1.3718	1.3467
Co-62m	1.9058	1.3572	1.7526	1.9168	2.3100	2.1248	2.4385	2.3943
Cr-48	2.6765	1.9175	2.4503	2.7133	2.9050	2.5601	3.1357	3.2323
Cr-49	1.2276	0.9311	1.1403	1.2447	1.3997	1.2810	1.4886	1.5069
Cr-51	0.5372	0.2809	0.4551	0.5468	0.4071	0.2531	0.4811	0.5667
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Cr-56	2.0449	1.4198	1.8529	2.0671	2.1491	1.8657	2.3118	2.4013
Cs-121	0.9193	0.6712	0.8480	0.9286	1.0528	0.9550	1.1197	1.1251
Cs-121m	1.7201	1.2529	1.5853	1.7384	1.9621	1.7755	2.0877	2.1019
Cs-123	1.4823	1.0540	1.3553	1.4933	1.6618	1.4925	1.7654	1.7852
Cs-124	0.4532	0.3272	0.4170	0.4571	0.5251	0.4761	0.5576	0.5592
Cs-125	1.2975	0.9042	1.1811	1.3055	1.4412	1.2834	1.5343	1.5517
Cs-126	0.7830	0.5618	0.7193	0.7896	0.9013	0.8150	0.9575	0.9622
Cs-127	2.0753	1.4538	1.8913	2.0894	2.3033	2.0525	2.4545	2.4875
Cs-128	0.6580	0.4592	0.5995	0.6623	0.7349	0.6554	0.7821	0.7907
Cs-129	2.1638	1.4865	1.9605	2.1755	2.3576	2.0802	2.5133	2.5598
Cs-130m	2.0447	1.3699	1.8368	2.0614	2.1200	1.8185	2.2840	2.3677
Cs-130	0.6544	0.4371	0.5883	0.6566	0.6948	0.6043	0.7419	0.7594
Cs-131	1.0728	0.7099	0.9616	1.0760	1.1240	0.9711	1.2018	1.2353
Cs-132	2.0046	1.3883	1.8236	2.0153	2.2434	1.9968	2.3871	2.4051
Cs-134	2.0376	1.4792	1.8834	2.0545	2.4429	2.2354	2.5884	2.5549
Cs-134m	0.9995	0.6040	0.8753	1.0106	0.9125	0.7054	1.0187	1.1077
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8217	1.3112	1.6807	1.8360	2.1855	1.9964	2.3169	2.2822
Cs-136	2.9450	2.1384	2.7196	2.9709	3.4926	3.1950	3.7025	3.6731
Cs-137	1.1253	0.8172	1.0418	1.1348	1.3485	1.2389	1.4395	1.3901
Cs-138m	1.2827	0.8799	1.1625	1.2927	1.3965	1.2265	1.4953	1.5239
Cs-138	1.8359	1.3191	1.6923	1.8491	2.2112	2.0268	2.3381	2.3030
Cs-139	0.1852	0.1320	0.1703	0.1863	0.2243	0.2058	0.2369	0.2326

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-140	1.2294	0.8831	1.1330	1.2377	1.4835	1.3579	1.5687	1.5426
Cu-57	0.0965	0.0686	0.0887	0.0971	0.1160	0.1063	0.1227	0.1208
Cu-59	0.4839	0.3460	0.4450	0.4881	0.5709	0.5190	0.6063	0.6032
Cu-60	1.8930	1.3276	1.7329	1.9052	2.2500	2.0404	2.3863	2.3580
Cu-61	0.7793	0.4652	0.6816	0.7911	0.7068	0.5347	0.7960	0.8746
Cu-62	0.0286	0.0147	0.0241	0.0290	0.0218	0.0136	0.0257	0.0301
Cu-64	0.4635	0.2185	0.3840	0.4724	0.3074	0.1549	0.3781	0.4680
Cu-66	0.0907	0.0649	0.0837	0.0913	0.1097	0.1008	0.1159	0.1139
Cu-67	1.0836	0.7699	0.9896	1.1004	1.1553	1.0074	1.2491	1.2953
Cu-69	0.5422	0.3903	0.5006	0.5462	0.6532	0.5993	0.6910	0.6804
Dy-148	2.1691	1.4775	1.9619	2.1936	2.3399	2.0301	2.5140	2.5878
Dy-149	3.3976	2.3264	3.0761	3.4361	3.6863	3.2143	3.9549	4.0626
Dy-150	1.4432	0.9921	1.3072	1.4615	1.5495	1.3455	1.6664	1.7257
Dy-151	3.2711	2.1967	2.9486	3.3102	3.4732	2.9788	3.7504	3.8844
Dy-152	2.3059	1.6010	2.0937	2.3390	2.4661	2.1446	2.6544	2.7486
Dy-153	4.3810	2.9791	3.9540	4.4378	4.6216	3.9767	4.9808	5.1784
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8543	1.9757	2.5904	2.8920	3.0738	2.6794	3.3028	3.4067
Dy-157	2.3660	1.6305	2.1432	2.3963	2.5284	2.1921	2.7209	2.8219
Dy-159	1.5798	1.0189	1.4041	1.6015	1.5612	1.2847	1.7000	1.8121
Dy-165m	0.6077	0.3304	0.5188	0.6183	0.4821	0.3197	0.5600	0.6485
Dy-165	0.2411	0.1632	0.2171	0.2446	0.2497	0.2125	0.2697	0.2835
Dy-166	1.3166	0.8270	1.1624	1.3375	1.2447	0.9880	1.3733	1.4918
Dy-167	1.7790	1.2625	1.6279	1.8022	1.9788	1.7540	2.1200	2.1635
Dy-168	1.8721	1.2929	1.6989	1.8981	2.0025	1.7344	2.1598	2.2359
Er-154	2.0471	1.2767	1.8055	2.0736	1.9458	1.5516	2.1373	2.3120
Er-156	2.8845	1.6944	2.5068	2.9284	2.5404	1.8889	2.8558	3.1763
Er-159	2.7084	1.8379	2.4467	2.7435	2.8849	2.4830	3.1096	3.2229
Er-161	2.9526	1.9703	2.6554	2.9916	3.0922	2.6292	3.3454	3.4879
Er-163	1.3601	0.8695	1.2063	1.3814	1.3232	1.0738	1.4463	1.5567
Er-165	1.3260	0.8445	1.1748	1.3468	1.2839	1.0379	1.4051	1.5149
Er-167m	1.0172	0.6770	0.9131	1.0339	1.0224	0.8503	1.1178	1.1858
Er-169	0.0221	0.0104	0.0183	0.0225	0.0146	0.0073	0.0180	0.0223
Er-171	2.4010	1.6752	2.1828	2.4358	2.5640	2.2248	2.7687	2.8763
Er-172	2.1987	1.4925	1.9858	2.2295	2.3231	1.9901	2.5092	2.6164
Er-173	3.5774	2.5200	3.2634	3.6288	3.8786	3.3983	4.1759	4.2998
Es-249	3.1835	2.1518	2.8698	3.2170	3.2328	2.7318	3.5255	3.6846
Es-250	10.3905	6.7171	9.2588	10.4931	10.0513	8.1839	11.0622	11.7359
Es-250m	2.8750	1.9185	2.5838	2.9031	2.8935	2.4285	3.1597	3.3054
Es-251	3.0453	1.9443	2.7029	3.0772	2.8497	2.2722	3.1597	3.3901

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Es-253	0.0748	0.0436	0.0649	0.0755	0.0634	0.0460	0.0717	0.0797
Es-254	2.7899	1.5826	2.4062	2.8207	2.2831	1.5938	2.6123	2.9448
Es-254m	1.5096	0.9892	1.3527	1.5221	1.5416	1.2922	1.6777	1.7458
Es-255	0.0007	0.0005	0.0007	0.0007	0.0009	0.0008	0.0009	0.0009
Es-256	0.3498	0.2093	0.3056	0.3527	0.3096	0.2345	0.3462	0.3783
Eu-142	0.2702	0.1881	0.2464	0.2723	0.3095	0.2765	0.3298	0.3301
Eu-142m	3.5420	2.4659	3.2353	3.5742	4.0420	3.6007	4.3208	4.3413
Eu-143	0.5866	0.3991	0.5303	0.5914	0.6420	0.5628	0.6877	0.7000
Eu-144	0.2593	0.1754	0.2342	0.2613	0.2845	0.2488	0.3048	0.3096
Eu-145	2.2735	1.5563	2.0607	2.2927	2.5109	2.2091	2.6881	2.7273
Eu-146	3.6211	2.5389	3.3078	3.6509	4.1385	3.7028	4.4107	4.4246
Eu-147	2.5212	1.7398	2.2848	2.5473	2.7123	2.3712	2.9157	2.9905
Eu-148	4.1995	2.9695	3.8447	4.2369	4.8046	4.3109	5.1183	5.1399
Eu-149	1.5381	0.9693	1.3596	1.5552	1.4879	1.2058	1.6332	1.7427
Eu-150	4.0264	2.8668	3.6888	4.0666	4.5713	4.0974	4.8760	4.9254
Eu-150m	0.2044	0.1405	0.1851	0.2065	0.2208	0.1929	0.2371	0.2435
Eu-152	2.7763	1.9409	2.5293	2.8032	3.0828	2.7348	3.3013	3.3500
Eu-152m	0.7853	0.5414	0.7127	0.7926	0.8609	0.7574	0.9236	0.9401
Eu-152n	1.8248	1.1769	1.6208	1.8521	1.7440	1.4070	1.9251	2.0774
Eu-154	2.1610	1.5356	1.9802	2.1828	2.4554	2.2032	2.6250	2.6422
Eu-154m	2.2802	1.4064	2.0042	2.3125	2.0985	1.6342	2.3379	2.5537
Eu-155	1.1115	0.7831	1.0103	1.1267	1.1785	1.0291	1.2680	1.3177
Eu-156	1.2731	0.8850	1.1602	1.2841	1.4515	1.2948	1.5486	1.5568
Eu-157	2.1382	1.4128	1.9152	2.1660	2.1777	1.8267	2.3691	2.4951
Eu-158	1.7673	1.2130	1.6058	1.7843	1.9715	1.7380	2.1128	2.1411
Eu-159	2.3456	1.5976	2.1162	2.3744	2.4640	2.1214	2.6554	2.7598
F-17	0.0003	0.0002	0.0003	0.0003	0.0004	0.0003	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5040	1.0695	1.3761	1.5274	1.6076	1.3999	1.7428	1.8016
Fe-53	0.4438	0.3252	0.4101	0.4489	0.5160	0.4683	0.5496	0.5540
Fe-53m	2.6605	1.9074	2.4524	2.6784	3.2118	2.9473	3.3955	3.3402
Fe-55	0.6362	0.2985	0.5266	0.6485	0.4186	0.2079	0.5161	0.6409
Fe-59	0.9869	0.7062	0.9088	0.9933	1.1928	1.0984	1.2594	1.2390
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3463	0.9747	1.2431	1.3567	1.6168	1.4864	1.7104	1.6887
Fe-62	0.9271	0.6817	0.8593	0.9366	1.1048	1.0136	1.1703	1.1604
Fm-251	2.6167	1.6846	2.3281	2.6467	2.4925	2.0102	2.7594	2.9492
Fm-252	0.1880	0.1122	0.1641	0.1896	0.1645	0.1234	0.1845	0.2022
Fm-253	2.6698	1.6580	2.3535	2.6967	2.4378	1.9013	2.7164	2.9390
Fm-254	0.1970	0.1185	0.1723	0.1986	0.1746	0.1324	0.1953	0.2131

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fm-255	2.1496	1.2520	1.8656	2.1705	1.8175	1.3173	2.0590	2.2875
Fm-256	13.1998	9.6439	12.2040	13.3165	15.7068	14.3923	16.6349	16.4832
Fm-257	2.8515	1.8495	2.5416	2.8816	2.7354	2.2211	3.0156	3.2101
Fr-212	3.6969	2.4355	3.3111	3.7403	3.6701	3.0311	4.0197	4.2456
Fr-219	0.0147	0.0104	0.0134	0.0149	0.0159	0.0140	0.0172	0.0177
Fr-220	0.4445	0.2644	0.3875	0.4502	0.3763	0.2720	0.4270	0.4776
Fr-221	0.2456	0.1720	0.2235	0.2491	0.2572	0.2215	0.2786	0.2895
Fr-222	1.9331	1.2733	1.7305	1.9569	1.8720	1.5259	2.0597	2.1921
Fr-223	1.6711	1.0620	1.4806	1.6922	1.5580	1.2305	1.7189	1.8605
Fr-224	1.6894	1.1580	1.5306	1.7089	1.7635	1.5084	1.9144	1.9831
Fr-227	2.7923	1.9223	2.5278	2.8254	2.8802	2.4577	3.1238	3.2610
Ga-64	1.3662	0.9650	1.2541	1.3747	1.6371	1.4903	1.7335	1.7070
Ga-65	1.8624	1.2102	1.6610	1.8906	1.8074	1.4682	2.0010	2.1431
Ga-66	1.4969	0.9123	1.3186	1.5136	1.4688	1.1721	1.6237	1.7237
Ga-67	2.8839	1.6534	2.4928	2.9340	2.4093	1.6987	2.7661	3.1417
Ga-68	0.1897	0.0973	0.1602	0.1929	0.1436	0.0887	0.1698	0.1995
Ga-70	0.0161	0.0102	0.0143	0.0163	0.0158	0.0128	0.0175	0.0186
Ga-72	2.0356	1.4579	1.8751	2.0498	2.4528	2.2409	2.5968	2.5533
Ga-73	3.2232	1.8436	2.7877	3.2769	2.7287	1.9365	3.1254	3.5307
Ga-74	2.2547	1.6217	2.0782	2.2703	2.7184	2.4877	2.8752	2.8288
Gd-142	1.2930	0.9015	1.1767	1.3067	1.4268	1.2599	1.5275	1.5561
Gd-143m	3.2524	2.2892	2.9692	3.2876	3.6344	3.2303	3.8862	3.9430
Gd-144	0.9773	0.6576	0.8800	0.9870	1.0417	0.8992	1.1206	1.1549
Gd-145m	1.4433	0.9352	1.2906	1.4598	1.4841	1.2369	1.6207	1.6941
Gd-145	1.8960	1.2981	1.7195	1.9111	2.1308	1.8827	2.2753	2.2940
Gd-146	4.4684	3.1066	4.0526	4.5215	4.7441	4.1337	5.1114	5.2809
Gd-147	3.8673	2.7323	3.5344	3.9100	4.3298	3.8552	4.6270	4.6950
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1380	2.1946	2.8552	3.1743	3.4074	2.9924	3.6602	3.7538
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8328	1.1548	1.6202	1.8560	1.7595	1.4164	1.9362	2.0765
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.5243	1.7182	2.2740	2.5536	2.6277	2.2602	2.8315	2.9529
Gd-159	0.4533	0.3072	0.4087	0.4593	0.4757	0.4077	0.5130	0.5354
Gd-162	1.1933	0.8342	1.0883	1.2077	1.3173	1.1583	1.4171	1.4517
Ge-66	3.3200	1.9944	2.9049	3.3714	2.9941	2.2667	3.3689	3.7123
Ge-67	1.4335	1.0481	1.3233	1.4531	1.6138	1.4468	1.7305	1.7534
Ge-68	1.5615	0.7338	1.2929	1.5916	1.0289	0.5124	1.2678	1.5732
Ge-69	1.9041	1.0651	1.6412	1.9325	1.6279	1.1570	1.8619	2.0876
Ge-71	1.5838	0.7443	1.3114	1.6143	1.0435	0.5197	1.2859	1.5956

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ge-75	0.1439	0.1082	0.1339	0.1460	0.1677	0.1536	0.1784	0.1792
Ge-77	2.4358	1.8032	2.2581	2.4661	2.8506	2.6032	3.0300	3.0326
Ge-78	1.0597	0.7985	0.9865	1.0744	1.2426	1.1405	1.3206	1.3249
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7286	1.1690	1.5581	1.7539	1.7871	1.5137	1.9414	2.0424
Hf-169	2.5281	1.6887	2.2732	2.5645	2.6070	2.1995	2.8329	2.9760
Hf-170	3.9376	2.5416	3.5061	3.9988	3.8400	3.1175	4.2279	4.5339
Hf-172	3.9443	2.3843	3.4518	4.0064	3.5483	2.6959	3.9747	4.3925
Hf-173	4.1272	2.8399	3.7367	4.1887	4.2900	3.6696	4.6664	4.8799
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7788	1.8425	2.4915	2.8205	2.8128	2.3456	3.0680	3.2539
Hf-177m	13.6177	9.4375	12.3650	13.8173	14.4250	12.4399	15.6261	16.2564
Hf-178m	9.4161	6.5408	8.5595	9.5477	10.0896	8.7505	10.9033	11.2868
Hf-179m	6.1060	4.1017	5.4978	6.1971	6.2396	5.2460	6.8147	7.1784
Hf-180m	4.9609	3.4375	4.5051	5.0315	5.2888	4.5738	5.7178	5.9372
Hf-181	2.4669	1.6925	2.2355	2.5008	2.5972	2.2288	2.8242	2.9336
Hf-182	1.3134	0.9409	1.2041	1.3329	1.4426	1.2752	1.5522	1.5931
Hf-182m	4.5960	3.0837	4.1374	4.6623	4.7228	3.9811	5.1465	5.4099
Hf-183	1.9996	1.4063	1.8246	2.0239	2.2114	1.9517	2.3736	2.4211
Hf-184	4.0434	2.3537	3.5097	4.1104	3.4611	2.4991	3.9513	4.4375
Hg-190	4.0528	2.5845	3.5957	4.1135	3.7937	2.9993	4.2275	4.5779
Hg-191m	5.4859	3.6058	4.9135	5.5616	5.5038	4.5549	6.0357	6.3805
Hg-192	4.0776	2.5645	3.6050	4.1390	3.7807	2.9575	4.2169	4.5904
Hg-193	3.8543	2.4357	3.4147	3.9082	3.6582	2.9044	4.0589	4.3750
Hg-193m	3.2537	2.1299	2.9111	3.2958	3.2656	2.7012	3.5788	3.7803
Hg-194	0.8764	0.4323	0.7329	0.8913	0.6015	0.3249	0.7286	0.8869
Hg-195	3.0119	1.7974	2.6281	3.0573	2.6253	1.9388	2.9711	3.3062
Hg-195m	3.7031	2.1118	3.1979	3.7611	3.0564	2.1288	3.5113	3.9879
Hg-197	2.8652	1.7028	2.4961	2.9095	2.4664	1.8041	2.7988	3.1297
Hg-197m	2.6339	1.5659	2.2966	2.6744	2.2646	1.6534	2.5773	2.8788
Hg-199m	2.8659	1.8254	2.5426	2.9086	2.6819	2.1160	2.9856	3.2357
Hg-203	1.2096	0.8654	1.1084	1.2266	1.3244	1.1683	1.4253	1.4631
Hg-205	0.0451	0.0317	0.0411	0.0458	0.0476	0.0411	0.0515	0.0535
Hg-206	0.6045	0.4220	0.5500	0.6124	0.6448	0.5584	0.6974	0.7226
Hg-207	2.9588	2.0799	2.7067	2.9864	3.3735	3.0093	3.6040	3.6282
Ho-150	1.4977	1.0631	1.3747	1.5115	1.7446	1.5722	1.8564	1.8522
Ho-153	2.2247	1.5585	2.0264	2.2531	2.4371	2.1432	2.6135	2.6834
Ho-153m	2.7115	1.8867	2.4643	2.7480	2.9199	2.5455	3.1420	3.2457
Ho-154m	4.7412	3.4130	4.3593	4.7947	5.4429	4.9024	5.7986	5.8525
Ho-154	2.4965	1.7854	2.2912	2.5238	2.8533	2.5613	3.0416	3.0731

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-155	2.5919	1.7260	2.3265	2.6284	2.6523	2.2331	2.8813	3.0319
Ho-156	3.8134	2.6913	3.4837	3.8603	4.2310	3.7471	4.5366	4.6223
Ho-157	3.8396	2.5885	3.4572	3.8932	3.9847	3.3899	4.3110	4.5162
Ho-159	4.2488	2.9062	3.8389	4.3089	4.4353	3.8029	4.7985	5.0106
Ho-160	4.0800	2.7809	3.6937	4.1279	4.4154	3.8334	4.7493	4.8828
Ho-161	2.2284	1.4049	1.9704	2.2569	2.1406	1.7232	2.3463	2.5272
Ho-162	1.7976	1.1457	1.5932	1.8242	1.7460	1.4156	1.9121	2.0539
Ho-162m	3.1557	2.0185	2.8035	3.2016	3.0910	2.5141	3.3930	3.6283
Ho-163	0.0255	0.0120	0.0211	0.0260	0.0168	0.0083	0.0207	0.0257
Ho-164	1.0378	0.6570	0.9181	1.0535	0.9970	0.8018	1.0941	1.1809
Ho-164m	2.3981	1.3921	2.0778	2.4373	2.0742	1.5140	2.3434	2.6293
Ho-166	0.4527	0.2697	0.3946	0.4604	0.4003	0.2988	0.4505	0.5014
Ho-166m	4.1922	2.9440	3.8271	4.2458	4.6309	4.0767	4.9759	5.0808
Ho-167	1.6125	1.1415	1.4731	1.6343	1.7730	1.5620	1.9039	1.9582
Ho-168	1.6234	1.1033	1.4701	1.6424	1.7627	1.5262	1.9022	1.9503
Ho-168m	0.5888	0.3133	0.5003	0.5994	0.4559	0.2930	0.5325	0.6230
Ho-170	3.8691	2.6712	3.5162	3.9180	4.2170	3.6825	4.5383	4.6571
I-118m	4.0413	2.9232	3.7300	4.0726	4.8078	4.3950	5.0915	5.0429
I-118	1.3888	1.0021	1.2809	1.3992	1.6514	1.5082	1.7486	1.7316
I-119	1.7407	1.2574	1.6008	1.7577	1.9730	1.7806	2.0976	2.1174
I-120	1.8224	1.2953	1.6728	1.8339	2.1429	1.9444	2.2694	2.2517
I-120m	3.5601	2.5642	3.2814	3.5866	4.2217	3.8515	4.4706	4.4304
I-121	2.1952	1.5672	2.0106	2.2138	2.4486	2.1943	2.6033	2.6383
I-122	0.4528	0.3151	0.4125	0.4551	0.5079	0.4531	0.5395	0.5441
I-123	2.3024	1.6426	2.1082	2.3200	2.5450	2.2736	2.7112	2.7525
I-124	1.7352	1.2082	1.5818	1.7438	1.9617	1.7536	2.0828	2.0939
I-125	2.1100	1.4072	1.8959	2.1142	2.2267	1.9336	2.3725	2.4384
I-126	1.2855	0.9060	1.1750	1.2936	1.4542	1.3034	1.5450	1.5581
I-128	0.2111	0.1505	0.1936	0.2127	0.2407	0.2169	0.2557	0.2575
I-129	1.1012	0.7352	0.9892	1.1045	1.1652	1.0139	1.2433	1.2731
I-130m	0.5162	0.3335	0.4606	0.5204	0.5249	0.4391	0.5700	0.5962
I-130	3.0838	2.2478	2.8527	3.1108	3.6889	3.3783	3.9082	3.8664
I-131	1.2366	0.9170	1.1466	1.2430	1.4630	1.3472	1.5595	1.5348
I-132	2.7206	1.9711	2.5137	2.7423	3.2654	2.9893	3.4587	3.4123
I-132m	1.2940	0.8577	1.1625	1.3055	1.3471	1.1446	1.4587	1.5139
I-133	0.9767	0.7146	0.9042	0.9859	1.1656	1.0687	1.2345	1.2226
I-134m	2.1480	1.5154	1.9606	2.1644	2.3829	2.1273	2.5352	2.5726
I-134	2.8459	2.0557	2.6284	2.8683	3.4174	3.1304	3.6193	3.5682
I-135	1.2494	0.8953	1.1509	1.2579	1.5083	1.3850	1.5939	1.5685
In-103	2.2303	1.6266	2.0606	2.2507	2.6336	2.4059	2.7914	2.7722

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-105	2.1937	1.5985	2.0241	2.2129	2.5406	2.3111	2.7025	2.6979
In-106	3.4852	2.5103	3.2154	3.5114	4.1498	3.7906	4.3951	4.3471
In-106m	1.5920	1.1403	1.4655	1.6023	1.8991	1.7304	2.0105	1.9851
In-107	2.2040	1.5754	2.0218	2.2212	2.5129	2.2634	2.6688	2.6819
In-108	4.9384	3.5352	4.5432	4.9743	5.7948	5.2671	6.1427	6.1067
In-108m	1.9093	1.3474	1.7484	1.9197	2.2221	2.0052	2.3555	2.3436
In-109	2.5128	1.7960	2.3027	2.5333	2.8140	2.5223	2.9924	3.0272
In-109m	0.9180	0.6639	0.8473	0.9248	1.0905	0.9947	1.1554	1.1447
In-110	4.6678	3.3148	4.2856	4.6977	5.4406	4.9238	5.7710	5.7442
In-110m	1.4440	1.0232	1.3237	1.4528	1.6687	1.5041	1.7710	1.7682
In-111	3.3700	2.4550	3.1043	3.4049	3.7844	3.4088	4.0302	4.0789
In-111m	0.9382	0.6799	0.8657	0.9462	1.1010	1.0026	1.1669	1.1620
In-112	0.4351	0.2944	0.3926	0.4364	0.4633	0.4035	0.4943	0.5067
In-112m	0.9973	0.6829	0.9027	1.0010	1.0650	0.9319	1.1350	1.1653
In-113m	0.9970	0.7145	0.9151	1.0048	1.1328	1.0199	1.2035	1.2178
In-114	0.0074	0.0050	0.0067	0.0074	0.0080	0.0070	0.0085	0.0087
In-114m	0.8139	0.5594	0.7377	0.8188	0.8725	0.7628	0.9322	0.9572
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9669	0.6844	0.8836	0.9731	1.0768	0.9610	1.1451	1.1644
In-116m	2.0243	1.4527	1.8646	2.0381	2.4418	2.2444	2.5804	2.5420
In-117	2.1415	1.6000	1.9906	2.1658	2.5065	2.2959	2.6627	2.6582
In-117m	0.6978	0.5029	0.6409	0.7034	0.7813	0.7014	0.8314	0.8433
In-118m	2.5347	1.8190	2.3362	2.5519	3.0585	2.8117	3.2318	3.1819
In-118	0.0620	0.0443	0.0570	0.0624	0.0750	0.0691	0.0792	0.0779
In-119	1.2331	0.8557	1.1244	1.2426	1.3960	1.2389	1.4919	1.5009
In-119m	0.2203	0.1450	0.1976	0.2217	0.2291	0.1950	0.2471	0.2567
In-121	1.0364	0.7476	0.9575	1.0444	1.2456	1.1422	1.3184	1.2995
In-121m	0.7930	0.5522	0.7208	0.7966	0.8673	0.7700	0.9192	0.9388
Ir-180	3.6567	2.4486	3.2929	3.7055	3.7650	3.1737	4.1130	4.3045
Ir-182	3.6830	2.4493	3.3089	3.7342	3.7344	3.1206	4.0929	4.3088
Ir-183	4.3757	2.7712	3.8795	4.4379	4.2011	3.3600	4.6537	5.0033
Ir-184	5.4474	3.6121	4.8920	5.5204	5.5617	4.6583	6.0816	6.3884
Ir-185	4.8482	2.9143	4.2408	4.9221	4.3408	3.2722	4.8894	5.3956
Ir-186	5.2435	3.4929	4.7139	5.3133	5.3683	4.5060	5.8681	6.1586
Ir-186m	3.1226	2.0452	2.7958	3.1628	3.1602	2.6244	3.4636	3.6448
Ir-187	3.3041	1.9990	2.8943	3.3546	2.9714	2.2525	3.3423	3.6841
Ir-188	3.8781	2.5363	3.4702	3.9267	3.9384	3.2735	4.3106	4.5300
Ir-189	2.6626	1.5573	2.3119	2.7057	2.2768	1.6483	2.5928	2.9136
Ir-190	5.4026	3.6758	4.8865	5.4738	5.6873	4.8629	6.1750	6.4205
Ir-190m	0.8723	0.4140	0.7237	0.8887	0.5794	0.2934	0.7115	0.8795

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-190n	2.0400	1.2228	1.7815	2.0719	1.7962	1.3402	2.0292	2.2546
Ir-191m	2.7019	1.5744	2.3443	2.7451	2.2831	1.6353	2.6121	2.9416
Ir-192	2.5466	1.8496	2.3459	2.5772	2.9010	2.6074	3.1001	3.1406
Ir-192m	0.9770	0.4751	0.8145	0.9942	0.6621	0.3492	0.8061	0.9872
Ir-192n	2.0368	0.9936	1.6993	2.0727	1.3853	0.7352	1.6846	2.0600
Ir-193m	0.8674	0.4141	0.7205	0.8836	0.5798	0.2972	0.7103	0.8759
Ir-194	0.2268	0.1656	0.2093	0.2294	0.2615	0.2365	0.2788	0.2813
Ir-194m	5.2935	3.8110	4.8699	5.3511	6.0657	5.4509	6.4763	6.5311
Ir-195	2.0472	1.2228	1.7859	2.0789	1.7791	1.3131	2.0147	2.2477
Ir-195m	2.4284	1.5747	2.1658	2.4629	2.3727	1.9286	2.6169	2.7969
Ir-196	0.4507	0.3266	0.4154	0.4555	0.5227	0.4726	0.5570	0.5596
Ir-196m	6.0032	4.2415	5.4925	6.0718	6.7099	5.9426	7.1987	7.3282
K-38	0.8787	0.6208	0.8052	0.8827	1.0711	0.9770	1.1315	1.1042
K-40	0.1099	0.0748	0.0999	0.1107	0.1261	0.1120	0.1347	0.1349
K-42	0.1679	0.1192	0.1545	0.1689	0.2039	0.1865	0.2154	0.2111
K-43	1.8814	1.3893	1.7445	1.9004	2.2384	2.0525	2.3732	2.3637
K-44	1.3832	0.9852	1.2720	1.3912	1.6774	1.5388	1.7713	1.7376
K-45	1.8187	1.3437	1.6865	1.8373	2.1663	1.9880	2.2961	2.2734
K-46	1.3612	0.9652	1.2495	1.3682	1.6544	1.5192	1.7450	1.7103
Kr-74	2.4237	1.6363	2.1832	2.4564	2.4262	2.0226	2.6554	2.8055
Kr-75	1.9200	1.3638	1.7555	1.9444	2.0364	1.7714	2.2118	2.2779
Kr-76	3.4772	2.1951	3.0804	3.5194	3.2282	2.5214	3.5866	3.8871
Kr-77	2.0026	1.4438	1.8381	2.0287	2.1444	1.8823	2.3284	2.3884
Kr-79	1.9769	1.1645	1.7216	2.0010	1.6650	1.1873	1.8930	2.1209
Kr-81	1.5784	0.8583	1.3480	1.5976	1.1753	0.7280	1.3768	1.6119
Kr-81m	1.2855	0.8949	1.1685	1.3019	1.3203	1.1216	1.4340	1.4961
Kr-83m	0.7047	0.3759	0.5993	0.7140	0.5168	0.3128	0.6093	0.7185
Kr-85	0.0041	0.0030	0.0038	0.0041	0.0048	0.0044	0.0051	0.0051
Kr-85m	1.2346	0.9198	1.1445	1.2508	1.3811	1.2424	1.4821	1.5017
Kr-87	0.7747	0.5660	0.7162	0.7818	0.9258	0.8478	0.9809	0.9741
Kr-88	1.5226	1.0800	1.3953	1.5344	1.7518	1.5698	1.8651	1.8622
Kr-89	1.6524	1.1976	1.5255	1.6664	1.9725	1.8035	2.0891	2.0659
La-128	3.2228	2.3445	2.9762	3.2531	3.7992	3.4693	4.0292	4.0102
La-129	1.7093	1.2192	1.5648	1.7247	1.9153	1.7181	2.0417	2.0642
La-130	2.3975	1.7298	2.2083	2.4181	2.8077	2.5536	2.9797	2.9723
La-131	2.3282	1.6430	2.1243	2.3474	2.5828	2.3047	2.7547	2.7931
La-132	2.3133	1.6378	2.1188	2.3306	2.6670	2.4053	2.8336	2.8319
La-132m	2.3594	1.6620	2.1542	2.3821	2.6066	2.3134	2.7963	2.8368
La-133	1.4622	0.9198	1.2936	1.4733	1.4314	1.1719	1.5636	1.6512
La-134	0.4828	0.3216	0.4337	0.4851	0.5127	0.4450	0.5491	0.5613

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-135	1.1374	0.7481	1.0174	1.1424	1.1842	1.0181	1.2710	1.3070
La-136	0.7552	0.4977	0.6760	0.7586	0.7895	0.6801	0.8470	0.8698
La-137	1.0888	0.7131	0.9728	1.0936	1.1276	0.9662	1.2114	1.2481
La-138	1.5088	1.0356	1.3706	1.5179	1.7085	1.5213	1.8202	1.8248
La-140	2.0119	1.4502	1.8567	2.0280	2.4138	2.2056	2.5561	2.5222
La-141	0.0175	0.0124	0.0160	0.0176	0.0212	0.0195	0.0223	0.0219
La-142	1.3934	0.9968	1.2825	1.4019	1.6847	1.5406	1.7810	1.7486
La-143	0.2004	0.1438	0.1847	0.2018	0.2419	0.2216	0.2558	0.2516
Lu-165	3.7431	2.5181	3.3700	3.7975	3.8671	3.2749	4.1998	4.4076
Lu-167	4.1356	2.7278	3.7074	4.1895	4.2561	3.5778	4.6249	4.8512
Lu-169m	0.6413	0.3011	0.5309	0.6537	0.4222	0.2100	0.5205	0.6460
Lu-169	3.8398	2.5335	3.4421	3.8940	3.9377	3.3031	4.2812	4.5048
Lu-170	3.5298	2.3169	3.1623	3.5736	3.6781	3.1032	3.9896	4.1634
Lu-171m	0.6797	0.3208	0.5632	0.6927	0.4503	0.2267	0.5539	0.6860
Lu-171	4.3979	2.7134	3.8719	4.4647	4.1195	3.2241	4.5727	4.9730
Lu-172	4.9630	3.2786	4.4544	5.0296	5.1347	4.3253	5.5820	5.8454
Lu-172m	0.5766	0.2707	0.4773	0.5877	0.3796	0.1887	0.4679	0.5808
Lu-173	3.4976	2.2624	3.1126	3.5552	3.4143	2.7786	3.7420	4.0250
Lu-174	2.0007	1.2239	1.7556	2.0344	1.8347	1.4148	2.0421	2.2473
Lu-174m	2.8226	1.6065	2.4348	2.8713	2.3646	1.6695	2.7011	3.0685
Lu-176	3.2982	2.2516	2.9817	3.3481	3.4207	2.9075	3.7225	3.9036
Lu-176m	0.6069	0.3476	0.5241	0.6174	0.5065	0.3575	0.5800	0.6594
Lu-177	0.3934	0.2661	0.3545	0.3996	0.3989	0.3352	0.4361	0.4606
Lu-177m	7.3111	5.0533	6.6313	7.4209	7.6826	6.6015	8.3328	8.6927
Lu-178	0.4510	0.2756	0.3961	0.4578	0.4169	0.3230	0.4654	0.5085
Lu-178m	5.7031	4.0012	5.1934	5.7843	6.1263	5.3378	6.6103	6.8474
Lu-179	0.1741	0.1286	0.1610	0.1768	0.1967	0.1773	0.2102	0.2133
Lu-180	2.6953	1.8485	2.4449	2.7271	2.9337	2.5569	3.1614	3.2475
Lu-181	2.7840	1.7658	2.4704	2.8252	2.6931	2.1619	2.9778	3.1972
Mg-27	0.9366	0.6740	0.8648	0.9436	1.1291	1.0348	1.1953	1.1759
Mg-28	2.0468	1.4666	1.8810	2.0559	2.4183	2.2194	2.5476	2.5189
Mn-50m	3.0857	2.2104	2.8434	3.1068	3.7256	3.4171	3.9397	3.8744
Mn-51	0.0199	0.0105	0.0170	0.0203	0.0157	0.0102	0.0184	0.0213
Mn-52	3.1239	2.1491	2.8459	3.1501	3.5719	3.1733	3.8202	3.8325
Mn-52m	0.9216	0.6527	0.8466	0.9272	1.1135	1.0191	1.1767	1.1563
Mn-53	0.5181	0.2431	0.4288	0.5281	0.3409	0.1693	0.4203	0.5219
Mn-54	1.4311	0.9008	1.2717	1.4483	1.4398	1.1745	1.5849	1.6680
Mn-56	1.2931	0.9266	1.1918	1.3021	1.5631	1.4295	1.6546	1.6242
Mn-57	1.2033	0.6856	1.0394	1.2209	0.9915	0.6907	1.1415	1.2924
Mn-58m	2.0635	1.4829	1.9023	2.0786	2.4898	2.2827	2.6341	2.5919

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-101	1.9017	1.3317	1.7377	1.9202	2.1549	1.9176	2.3051	2.3227
Mo-102	0.1232	0.0935	0.1148	0.1249	0.1423	0.1305	0.1516	0.1521
Mo-89	0.2331	0.1646	0.2137	0.2346	0.2708	0.2445	0.2878	0.2858
Mo-90	3.7250	2.6491	3.4071	3.7584	3.9957	3.5219	4.3016	4.3800
Mo-91m	0.9499	0.6766	0.8732	0.9561	1.1206	1.0181	1.1884	1.1764
Mo-91	0.0856	0.0561	0.0766	0.0859	0.0833	0.0691	0.0908	0.0944
Mo-93	1.1896	0.7722	1.0609	1.1935	1.1261	0.9198	1.2328	1.2918
Mo-93m	2.8434	2.0377	2.6158	2.8666	3.3104	2.9974	3.5184	3.5014
Mo-99	0.3671	0.2678	0.3388	0.3706	0.4222	0.3825	0.4498	0.4496
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6067	0.4272	0.5545	0.6074	0.7413	0.6747	0.7781	0.7581
Na-22	0.9191	0.6537	0.8441	0.9243	1.1147	1.0281	1.1755	1.1551
Na-24	1.7753	1.2563	1.6288	1.7840	2.1610	1.9795	2.2798	2.2302
Nb-87	2.3701	1.7035	2.1736	2.3952	2.5471	2.2471	2.7395	2.7943
Nb-88m	3.4900	2.5202	3.2213	3.5177	4.1667	3.8146	4.4124	4.3655
Nb-88	4.9022	3.4961	4.5036	4.9402	5.6378	5.0884	5.9985	5.9915
Nb-89	0.6036	0.4074	0.5454	0.6063	0.6413	0.5536	0.6902	0.7010
Nb-89m	1.0855	0.7729	0.9961	1.0946	1.2253	1.0962	1.3078	1.3132
Nb-90	3.7633	2.6587	3.4434	3.7888	4.2343	3.7815	4.5261	4.5326
Nb-91	1.2643	0.8099	1.1238	1.2686	1.1631	0.9293	1.2810	1.3558
Nb-91m	1.0408	0.6758	0.9283	1.0444	0.9881	0.8080	1.0816	1.1332
Nb-92	3.0886	2.1357	2.8121	3.1080	3.3649	2.9527	3.6100	3.6511
Nb-92m	2.2321	1.5041	2.0172	2.2433	2.3294	1.9986	2.5149	2.5697
Nb-93m	0.2481	0.1546	0.2190	0.2495	0.2246	0.1759	0.2491	0.2667
Nb-94m	0.8237	0.5325	0.7338	0.8266	0.7770	0.6324	0.8517	0.8942
Nb-94	1.8125	1.3095	1.6743	1.8266	2.1797	1.9951	2.3090	2.2746
Nb-95	0.9005	0.6512	0.8317	0.9078	1.0826	0.9897	1.1477	1.1303
Nb-95m	1.0950	0.7435	0.9887	1.1022	1.1028	0.9365	1.1961	1.2366
Nb-96	2.9456	2.1357	2.7219	2.9702	3.5347	3.2398	3.7432	3.6949
Nb-97	0.9127	0.6634	0.8440	0.9200	1.0940	1.0011	1.1588	1.1446
Nb-98m	2.8716	2.0723	2.6503	2.8939	3.4499	3.1561	3.6545	3.6013
Nb-99	2.3863	1.7564	2.2003	2.4112	2.6244	2.3580	2.8140	2.8528
Nb-99m	0.7320	0.5271	0.6733	0.7378	0.8504	0.7707	0.9032	0.9000
Nd-134	2.5041	1.7925	2.2935	2.5304	2.7761	2.4795	2.9674	3.0122
Nd-135	2.8776	2.0123	2.6195	2.9085	3.1435	2.7708	3.3705	3.4424
Nd-136	2.6002	1.7687	2.3455	2.6228	2.7472	2.3831	2.9561	3.0455
Nd-137	2.5735	1.7844	2.3379	2.5942	2.8410	2.5154	3.0354	3.0775
Nd-138	1.1857	0.7840	1.0613	1.1937	1.2291	1.0526	1.3235	1.3682
Nd-139	1.0773	0.7244	0.9696	1.0848	1.1467	0.9958	1.2307	1.2618
Nd-139m	3.6721	2.5776	3.3504	3.7018	4.1251	3.6845	4.4017	4.4365

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-140	1.1068	0.7258	0.9884	1.1140	1.1379	0.9694	1.2268	1.2712
Nd-141	1.1169	0.7349	0.9984	1.1242	1.1541	0.9863	1.2431	1.2858
Nd-141m	0.9186	0.6581	0.8456	0.9260	1.0873	0.9877	1.1545	1.1430
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2000	0.8408	1.0906	1.2123	1.3009	1.1478	1.3923	1.4268
Nd-149	1.8947	1.3791	1.7438	1.9177	2.1354	1.9227	2.2800	2.3089
Nd-151	2.0767	1.5236	1.9177	2.0991	2.3958	2.1810	2.5512	2.5575
Nd-152	0.9247	0.6407	0.8401	0.9368	0.9814	0.8491	1.0615	1.0982
Ne-19	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.0119	0.7454	0.9381	1.0224	1.2054	1.1060	1.2773	1.2691
Ni-56	4.2014	2.8795	3.8129	4.2564	4.5000	3.8779	4.8811	5.0319
Ni-57	1.6302	1.0473	1.4549	1.6479	1.6838	1.4058	1.8413	1.9178
Ni-59	0.8982	0.4214	0.7435	0.9156	0.5910	0.2935	0.7287	0.9048
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4216	0.3016	0.3884	0.4244	0.5098	0.4678	0.5386	0.5299
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.1000	3.4112	4.5870	5.1527	5.1459	4.3064	5.6104	5.8836
Np-233	2.1688	1.4313	1.9391	2.1932	2.0782	1.6919	2.2839	2.4428
Np-234	3.2798	2.1368	2.9291	3.3121	3.2092	2.6257	3.5182	3.7236
Np-235	1.1921	0.6742	1.0274	1.2048	0.9518	0.6477	1.0943	1.2428
Np-236	5.3704	3.3784	4.7475	5.4267	4.8779	3.7900	5.4299	5.8943
Np-236m	1.2826	0.8325	1.1421	1.2966	1.2063	0.9669	1.3311	1.4315
Np-237	2.1643	1.3147	1.8969	2.1846	1.8937	1.4215	2.1226	2.3306
Np-238	1.5231	0.9687	1.3550	1.5356	1.4909	1.2129	1.6361	1.7245
Np-239	3.2417	2.1164	2.8925	3.2798	3.1037	2.5158	3.4203	3.6592
Np-240	4.5343	2.9536	4.0526	4.5777	4.4647	3.6666	4.8926	5.1590
Np-240m	1.3055	0.8317	1.1606	1.3173	1.2589	1.0147	1.3859	1.4699
Np-241	0.8286	0.5458	0.7409	0.8377	0.7973	0.6504	0.8767	0.9347
Np-242	0.3601	0.2397	0.3244	0.3629	0.3821	0.3265	0.4133	0.4238
Np-242m	4.0755	2.6123	3.6276	4.1139	3.9366	3.1834	4.3327	4.5934
O-14	0.8694	0.6137	0.7965	0.8732	1.0606	0.9675	1.1198	1.0923
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.6773	1.2555	1.5587	1.6979	1.9825	1.8250	2.1003	2.0919
Os-180	2.9664	1.7419	2.5783	3.0128	2.5682	1.8803	2.9133	3.2571
Os-181	4.9007	3.1875	4.3770	4.9698	4.8811	4.0156	5.3625	5.6877
Os-182	3.6587	2.3058	3.2392	3.7150	3.4621	2.7417	3.8478	4.1636
Os-183	4.9143	3.1883	4.3816	4.9866	4.8118	3.9221	5.3031	5.6741
Os-183m	2.7578	1.7556	2.4508	2.7940	2.7182	2.2136	2.9915	3.1834
Os-185	2.6751	1.7162	2.3815	2.7111	2.6410	2.1518	2.9068	3.0925
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Os-189m	0.8375	0.3962	0.6944	0.8534	0.5548	0.2794	0.6821	0.8442
Os-190m	5.1405	3.4757	4.6448	5.2079	5.4023	4.6013	5.8738	6.1099
Os-191	2.7939	1.6482	2.4313	2.8383	2.3958	1.7428	2.7306	3.0581
Os-191m	0.9884	0.4966	0.8296	1.0063	0.7041	0.4030	0.8456	1.0180
Os-193	0.7404	0.4566	0.6516	0.7516	0.6763	0.5207	0.7583	0.8304
Os-194	0.7909	0.3966	0.6635	0.8045	0.5615	0.3200	0.6735	0.8106
Os-196	0.6168	0.4106	0.5537	0.6256	0.6187	0.5146	0.6789	0.7182
P-30	0.0007	0.0005	0.0006	0.0007	0.0008	0.0007	0.0009	0.0009
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	1.0762	0.6591	0.9448	1.0883	0.9439	0.7097	1.0598	1.1668
Pa-228	5.8121	3.7743	5.1875	5.8728	5.6410	4.5851	6.2007	6.5856
Pa-229	2.0834	1.3346	1.8487	2.1072	1.9212	1.5142	2.1300	2.3077
Pa-230	3.4397	2.2282	3.0671	3.4755	3.3119	2.6810	3.6435	3.8803
Pa-231	2.1878	1.2575	1.8931	2.2115	1.7935	1.2538	2.0485	2.3095
Pa-232	2.7727	1.8161	2.4845	2.7985	2.7822	2.3069	3.0406	3.1837
Pa-233	2.7262	1.7615	2.4272	2.7560	2.5849	2.0728	2.8535	3.0610
Pa-234	5.4896	3.6229	4.9231	5.5444	5.4764	4.5398	5.9890	6.2902
Pa-234m	0.0435	0.0285	0.0390	0.0439	0.0436	0.0362	0.0477	0.0499
Pa-235	0.3032	0.1426	0.2511	0.3090	0.1999	0.0997	0.2462	0.3055
Pa-236	1.9097	1.2480	1.7099	1.9264	1.9257	1.5977	2.1018	2.1964
Pa-237	1.0232	0.6886	0.9253	1.0340	1.1068	0.9541	1.1968	1.2263
Pb-194	4.0674	2.6840	3.6445	4.1207	4.0661	3.3649	4.4544	4.7065
Pb-195m	5.6674	3.7060	5.0702	5.7385	5.6494	4.6484	6.1987	6.5619
Pb-196	3.8453	2.5278	3.4397	3.8994	3.7727	3.0894	4.1489	4.4178
Pb-197	3.5813	2.3890	3.2203	3.6244	3.6870	3.1053	4.0162	4.1993
Pb-197m	5.0129	3.2920	4.4874	5.0781	4.9855	4.1046	5.4706	5.7967
Pb-198	3.7412	2.4559	3.3450	3.7936	3.6579	2.9874	4.0268	4.2956
Pb-199	3.1938	2.1100	2.8630	3.2342	3.2169	2.6729	3.5194	3.7108
Pb-200	3.7647	2.4087	3.3420	3.8191	3.5253	2.7901	3.9192	4.2412
Pb-201	3.6202	2.4089	3.2503	3.6673	3.6483	3.0378	3.9910	4.2120
Pb-201m	1.3362	0.8809	1.1978	1.3521	1.3444	1.1145	1.4707	1.5481
Pb-202	0.8458	0.4117	0.7053	0.8608	0.5736	0.3029	0.6982	0.8547
Pb-202m	3.5084	2.4461	3.2021	3.5436	3.9160	3.4558	4.2014	4.2618
Pb-203	3.1833	2.0939	2.8472	3.2290	3.1121	2.5438	3.4255	3.6557
Pb-204m	2.9483	2.1136	2.7142	2.9754	3.4453	3.1191	3.6656	3.6597
Pb-205	0.8561	0.4167	0.7139	0.8712	0.5806	0.3066	0.7067	0.8651
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.9362	0.5009	0.7966	0.9492	0.6987	0.4325	0.8205	0.9632
Pb-211	0.1311	0.0926	0.1200	0.1325	0.1472	0.1306	0.1577	0.1599

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pb-212	1.4491	0.9847	1.3073	1.4697	1.4621	1.2268	1.5964	1.6818
Pb-214	1.4716	0.9984	1.3282	1.4909	1.5065	1.2701	1.6417	1.7235
Pd-100	3.3951	2.4034	3.0924	3.4221	3.6670	3.2460	3.9193	3.9933
Pd-101	2.5666	1.7521	2.3191	2.5811	2.7206	2.3639	2.9191	2.9859
Pd-103	1.1194	0.7467	1.0042	1.1245	1.1480	0.9795	1.2369	1.2756
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0851	0.7904	0.9987	1.0967	1.2114	1.0882	1.2918	1.3078
Pd-109	0.6071	0.4026	0.5442	0.6099	0.6212	0.5285	0.6686	0.6950
Pd-111	0.0764	0.0554	0.0705	0.0771	0.0897	0.0817	0.0950	0.0946
Pd-112	0.5079	0.3265	0.4515	0.5105	0.4864	0.3970	0.5325	0.5600
Pd-114	0.1605	0.1214	0.1494	0.1626	0.1856	0.1703	0.1980	0.1983
Pd-96	2.8313	2.0393	2.6019	2.8549	3.2139	2.8974	3.4325	3.4383
Pd-97	2.2327	1.6069	2.0545	2.2523	2.5973	2.3549	2.7591	2.7509
Pd-98	2.7549	1.9684	2.5190	2.7775	3.0218	2.6927	3.2300	3.2794
Pd-99	2.3596	1.7155	2.1727	2.3817	2.6695	2.4092	2.8528	2.8648
Pm-136	2.9811	2.1730	2.7551	3.0090	3.5313	3.2255	3.7466	3.7272
Pm-137m	3.9338	2.8410	3.6145	3.9761	4.4519	4.0100	4.7459	4.7928
Pm-139	0.7532	0.5222	0.6842	0.7597	0.8298	0.7333	0.8875	0.9030
Pm-140m	3.3237	2.3822	3.0589	3.3516	3.9098	3.5551	4.1498	4.1280
Pm-140	0.2777	0.1926	0.2526	0.2799	0.3110	0.2765	0.3320	0.3350
Pm-141	0.7357	0.4930	0.6617	0.7412	0.7838	0.6795	0.8416	0.8629
Pm-142	0.3045	0.2018	0.2729	0.3067	0.3194	0.2744	0.3437	0.3541
Pm-143	1.4707	0.9869	1.3234	1.4819	1.5664	1.3564	1.6832	1.7261
Pm-144	3.3842	2.3828	3.0939	3.4119	3.8528	3.4494	4.1054	4.1237
Pm-145	1.1756	0.7654	1.0477	1.1851	1.1918	1.0044	1.2903	1.3469
Pm-146	1.9043	1.3361	1.7380	1.9209	2.1455	1.9135	2.2896	2.3100
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5411	0.3899	0.4994	0.5452	0.6513	0.5968	0.6890	0.6788
Pm-148m	3.1813	2.3132	2.9397	3.2100	3.7721	3.4443	4.0001	3.9718
Pm-149	0.0460	0.0327	0.0421	0.0466	0.0508	0.0450	0.0546	0.0559
Pm-150	1.7598	1.2825	1.6261	1.7753	2.0995	1.9241	2.2241	2.2076
Pm-151	1.5210	1.0922	1.3947	1.5388	1.6985	1.5174	1.8163	1.8471
Pm-152m	3.2764	2.3769	3.0178	3.3130	3.7567	3.3992	4.0074	4.0276
Pm-152	0.6240	0.4453	0.5719	0.6303	0.7031	0.6301	0.7529	0.7591
Pm-153	1.0948	0.7600	0.9932	1.1071	1.1574	1.0064	1.2518	1.2915
Pm-154	1.8319	1.2697	1.6677	1.8474	2.0758	1.8463	2.2169	2.2303
Pm-154m	3.1553	2.2466	2.8910	3.1889	3.5765	3.2035	3.8181	3.8523
Po-203	4.1286	2.7452	3.7097	4.1765	4.1989	3.5135	4.5791	4.7954
Po-204	6.7845	4.3240	6.0225	6.8737	6.4256	5.1096	7.1201	7.6625
Po-205	3.8894	2.5887	3.4963	3.9340	3.9784	3.3386	4.3351	4.5297

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-206	5.3018	3.4060	4.7188	5.3674	5.1067	4.1066	5.6357	6.0247
Po-207	3.5260	2.3535	3.1721	3.5666	3.6126	3.0378	3.9341	4.1108
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0689	0.0377	0.0590	0.0701	0.0549	0.0365	0.0638	0.0736
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0108	0.0078	0.0100	0.0109	0.0128	0.0117	0.0136	0.0135
Po-212m	0.0418	0.0299	0.0384	0.0421	0.0503	0.0458	0.0532	0.0523
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.2496	3.0939	3.9239	4.2898	4.9980	4.5584	5.3037	5.2889
Pr-134m	1.9460	1.4052	1.7929	1.9632	2.2887	2.0832	2.4285	2.4202
Pr-135	1.9186	1.3401	1.7450	1.9348	2.1073	1.8677	2.2512	2.2881
Pr-136	2.2444	1.5982	2.0601	2.2620	2.6103	2.3624	2.7716	2.7622
Pr-137	0.9509	0.6332	0.8534	0.9566	1.0017	0.8656	1.0754	1.1042
Pr-138	0.3192	0.2123	0.2864	0.3210	0.3370	0.2913	0.3617	0.3709
Pr-138m	3.8976	2.7692	3.5743	3.9291	4.5004	4.0632	4.7854	4.7850
Pr-139	1.0404	0.6850	0.9304	1.0462	1.0793	0.9253	1.1607	1.1972
Pr-140	0.5549	0.3654	0.4962	0.5580	0.5756	0.4934	0.6190	0.6385
Pr-142	0.0335	0.0237	0.0308	0.0337	0.0407	0.0372	0.0430	0.0421
Pr-142m	0.0408	0.0191	0.0337	0.0416	0.0268	0.0133	0.0331	0.0411
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0210	0.0151	0.0194	0.0211	0.0254	0.0232	0.0268	0.0264
Pr-144m	0.5926	0.3596	0.5191	0.5985	0.5517	0.4336	0.6107	0.6588
Pr-145	0.0352	0.0248	0.0322	0.0355	0.0401	0.0360	0.0427	0.0429
Pr-146	1.0145	0.7358	0.9371	1.0231	1.2164	1.1143	1.2878	1.2732
Pr-147	2.3969	1.6545	2.1723	2.4189	2.5972	2.2801	2.7835	2.8463
Pr-148	1.3400	0.9823	1.2396	1.3529	1.5917	1.4582	1.6873	1.6779
Pr-148m	2.0080	1.4852	1.8614	2.0298	2.3719	2.1716	2.5173	2.5132
Pt-184	7.6608	4.8335	6.7811	7.7765	7.1895	5.6696	8.0039	8.6786
Pt-186	3.6346	2.3166	3.2279	3.6853	3.5076	2.8181	3.8802	4.1608
Pt-187	4.7419	2.9905	4.1965	4.8119	4.4610	3.5248	4.9616	5.3756
Pt-188	3.5233	2.1845	3.1039	3.5780	3.2251	2.4919	3.6105	3.9530
Pt-189	4.5645	2.8352	4.0239	4.6325	4.2164	3.2789	4.7099	5.1367
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.1595	2.5823	3.6652	4.2223	3.8245	2.9664	4.2757	4.6732
Pt-193	0.8987	0.4336	0.7481	0.9149	0.6050	0.3149	0.7387	0.9074

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pt-193m	1.2509	0.6492	1.0572	1.2726	0.9213	0.5557	1.0940	1.2991
Pt-195m	3.6710	2.0827	3.1640	3.7300	3.0026	2.0761	3.4572	3.9452
Pt-197	1.0364	0.5902	0.8940	1.0529	0.8459	0.5840	0.9738	1.1103
Pt-197m	2.4610	1.3915	2.1202	2.5001	2.0078	1.3814	2.3136	2.6417
Pt-199	0.6448	0.4404	0.5840	0.6531	0.6828	0.5856	0.7404	0.7670
Pt-200	1.5684	0.9372	1.3687	1.5927	1.3622	1.0041	1.5437	1.7206
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.6102	1.0646	1.4404	1.6281	1.5479	1.2638	1.7003	1.8159
Pu-234	1.8899	1.2358	1.6860	1.9108	1.7938	1.4494	1.9762	2.1191
Pu-235	2.6146	1.6900	2.3258	2.6432	2.4520	1.9604	2.7084	2.9151
Pu-236	0.3572	0.2075	0.3098	0.3606	0.2943	0.2079	0.3350	0.3750
Pu-237	1.9867	1.2483	1.7550	2.0082	1.8027	1.4000	2.0068	2.1834
Pu-238	0.3302	0.1917	0.2864	0.3333	0.2718	0.1919	0.3095	0.3466
Pu-239	0.1993	0.1091	0.1705	0.2018	0.1543	0.1008	0.1793	0.2067
Pu-240	0.3105	0.1803	0.2692	0.3134	0.2556	0.1805	0.2910	0.3259
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2662	0.1546	0.2309	0.2687	0.2192	0.1548	0.2496	0.2794
Pu-243	0.6757	0.4474	0.6046	0.6834	0.6577	0.5413	0.7206	0.7649
Pu-244	0.2411	0.1431	0.2103	0.2434	0.2061	0.1506	0.2327	0.2572
Pu-245	1.4858	1.0391	1.3531	1.5012	1.5957	1.3918	1.7202	1.7683
Pu-246	2.5886	1.7328	2.3253	2.6168	2.5743	2.1482	2.8090	2.9596
Ra-219	0.9964	0.6928	0.9049	1.0086	1.0468	0.9004	1.1335	1.1789
Ra-220	0.0102	0.0075	0.0094	0.0103	0.0119	0.0108	0.0127	0.0127
Ra-221	1.1389	0.6969	1.0002	1.1534	0.9980	0.7467	1.1242	1.2405
Ra-222	0.0341	0.0249	0.0314	0.0344	0.0387	0.0348	0.0413	0.0419
Ra-223	1.9882	1.2982	1.7739	2.0149	1.9018	1.5351	2.0996	2.2528
Ra-224	0.0629	0.0452	0.0577	0.0638	0.0685	0.0603	0.0737	0.0756
Ra-225	0.7907	0.4963	0.6982	0.7969	0.7385	0.5864	0.8140	0.8716
Ra-226	0.9975	0.7214	0.9262	1.0012	1.1899	1.0874	1.2672	1.2329
Ra-227	2.3390	1.4258	2.0533	2.3638	2.0799	1.5745	2.3289	2.5525
Ra-228	1.0550	0.7609	0.9771	1.0563	1.2666	1.1612	1.3330	1.2989
Ra-230	1.0082	0.6573	0.8994	1.0210	0.9660	0.7810	1.0650	1.1407
Rb-77	1.8567	1.3364	1.7042	1.8771	2.0535	1.8250	2.1985	2.2368
Rb-78m	2.4222	1.7521	2.2343	2.4425	2.8758	2.6240	3.0481	3.0234
Rb-78	1.9046	1.3482	1.7457	1.9185	2.2225	2.0006	2.3620	2.3511
Rb-79	2.4495	1.7020	2.2282	2.4764	2.5645	2.1974	2.7813	2.8768
Rb-80	0.2894	0.2070	0.2662	0.2917	0.3362	0.3030	0.3578	0.3572
Rb-81	1.5318	0.9496	1.3513	1.5460	1.3682	1.0350	1.5276	1.6672
Rb-81m	1.1944	0.7318	1.0491	1.2028	1.0069	0.7312	1.1319	1.2530
Rb-82	0.2170	0.1465	0.1963	0.2188	0.2315	0.1980	0.2503	0.2563

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-82m	4.2593	2.9060	3.8648	4.2944	4.6131	3.9908	4.9687	5.0688
Rb-83	2.4252	1.5259	2.1489	2.4481	2.2394	1.7389	2.4848	2.6801
Rb-84	1.7127	1.0811	1.5203	1.7270	1.6176	1.2746	1.7870	1.9083
Rb-84m	1.8132	1.2942	1.6616	1.8352	1.9602	1.7182	2.1084	2.1609
Rb-86m	0.9295	0.6776	0.8596	0.9381	1.1006	1.0045	1.1672	1.1588
Rb-86	0.0825	0.0590	0.0761	0.0831	0.0998	0.0918	0.1054	0.1036
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3647	0.2596	0.3354	0.3668	0.4425	0.4045	0.4678	0.4582
Rb-89	1.5737	1.1235	1.4487	1.5833	1.9049	1.7496	2.0119	1.9761
Rb-90	0.8297	0.5916	0.7630	0.8344	1.0057	0.9197	1.0624	1.0413
Rb-90m	1.9288	1.3752	1.7742	1.9411	2.3217	2.1191	2.4569	2.4148
Re-178	3.5603	2.2989	3.1729	3.6113	3.5162	2.8742	3.8676	4.1187
Re-179	4.1877	2.7573	3.7520	4.2469	4.2318	3.5172	4.6324	4.8963
Re-180	3.8099	2.4155	3.3809	3.8629	3.7085	2.9918	4.0930	4.3800
Re-181	4.4818	2.8713	3.9853	4.5471	4.3688	3.5360	4.8197	5.1660
Re-182	8.4601	5.5426	7.5655	8.5836	8.4268	6.9546	9.2494	9.8243
Re-182m	4.5077	2.8945	4.0093	4.5708	4.4204	3.6012	4.8644	5.1948
Re-183	4.2149	2.5429	3.6875	4.2842	3.7555	2.8278	4.2290	4.6878
Re-184	3.3865	2.1608	3.0098	3.4339	3.3149	2.6865	3.6548	3.9021
Re-184m	3.6622	2.2387	3.2162	3.7203	3.3344	2.5560	3.7399	4.1088
Re-186	0.4319	0.2730	0.3824	0.4386	0.4031	0.3174	0.4502	0.4888
Re-186m	2.5739	1.2963	2.1614	2.6203	1.8448	1.0656	2.2101	2.6554
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4176	0.2816	0.3766	0.4238	0.4234	0.3547	0.4642	0.4887
Re-188m	2.9245	1.6880	2.5309	2.9732	2.4627	1.7548	2.8161	3.1866
Re-189	0.5232	0.3367	0.4658	0.5315	0.5032	0.4044	0.5576	0.5995
Re-190	3.2534	2.3486	2.9944	3.2924	3.7095	3.3311	3.9639	4.0027
Re-190m	3.3786	2.2789	3.0486	3.4239	3.5205	2.9887	3.8327	4.0006
Rh-100m	1.6425	1.1038	1.4765	1.6510	1.7009	1.4601	1.8302	1.8837
Rh-100	3.2837	2.3037	2.9996	3.3049	3.7338	3.3402	3.9766	3.9773
Rh-101	3.1597	2.2875	2.9020	3.1911	3.4737	3.1029	3.7250	3.7731
Rh-101m	2.0570	1.4434	1.8735	2.0729	2.2258	1.9583	2.3865	2.4332
Rh-102	1.3060	0.9073	1.1877	1.3149	1.4219	1.2515	1.5227	1.5449
Rh-102m	4.0817	2.8968	3.7418	4.1121	4.6665	4.1942	4.9684	4.9723
Rh-103m	0.1805	0.1084	0.1577	0.1822	0.1628	0.1247	0.1816	0.1977
Rh-104	0.0249	0.0178	0.0229	0.0251	0.0287	0.0260	0.0306	0.0305
Rh-104m	1.6800	1.1640	1.5218	1.6945	1.7949	1.5708	1.9147	1.9665
Rh-105	0.2598	0.1946	0.2413	0.2628	0.3055	0.2800	0.3244	0.3256
Rh-106	0.3175	0.2321	0.2939	0.3204	0.3793	0.3478	0.4017	0.3976
Rh-106m	3.5024	2.5470	3.2383	3.5328	4.1967	3.8477	4.4436	4.3928

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-107	1.0056	0.7530	0.9344	1.0176	1.1830	1.0848	1.2562	1.2597
Rh-108	0.6121	0.4510	0.5673	0.6184	0.7280	0.6675	0.7718	0.7683
Rh-109	1.2152	0.9026	1.1257	1.2289	1.4075	1.2839	1.4964	1.5047
Rh-94	2.2254	1.5984	2.0513	2.2411	2.6801	2.4565	2.8352	2.7914
Rh-95	1.7408	1.2294	1.5961	1.7517	2.0367	1.8441	2.1612	2.1431
Rh-95m	1.0096	0.7289	0.9305	1.0181	1.1858	1.0780	1.2580	1.2500
Rh-96	3.8046	2.7281	3.5035	3.8324	4.5057	4.0990	4.7795	4.7290
Rh-96m	1.2361	0.8576	1.1257	1.2437	1.3936	1.2395	1.4864	1.4902
Rh-97	1.6552	1.1792	1.5178	1.6687	1.8846	1.6927	2.0080	2.0169
Rh-97m	2.7903	1.9783	2.5538	2.8119	3.1532	2.8220	3.3610	3.3725
Rh-98	1.1386	0.8181	1.0488	1.1468	1.3447	1.2225	1.4264	1.4135
Rh-99	2.9737	2.0871	2.7080	2.9962	3.2217	2.8399	3.4496	3.5119
Rh-99m	2.2097	1.5509	2.0142	2.2259	2.4221	2.1416	2.5920	2.6313
Rn-207	2.9469	2.0152	2.6669	2.9811	3.0834	2.6347	3.3430	3.4728
Rn-209	3.3210	2.2591	3.0013	3.3594	3.4602	2.9473	3.7544	3.9045
Rn-210	0.2740	0.1799	0.2452	0.2773	0.2705	0.2221	0.2968	0.3143
Rn-211	3.9898	2.7006	3.6052	4.0320	4.2021	3.5929	4.5512	4.7053
Rn-212	0.0005	0.0003	0.0004	0.0005	0.0005	0.0005	0.0006	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0012	0.0009	0.0011	0.0012	0.0014	0.0013	0.0015	0.0015
Rn-219	0.2400	0.1730	0.2205	0.2432	0.2665	0.2369	0.2859	0.2919
Rn-220	1.1342	0.8303	1.0521	1.1416	1.3516	1.2479	1.4330	1.3999
Rn-222	0.0007	0.0005	0.0007	0.0008	0.0009	0.0008	0.0009	0.0009
Rn-223	2.1953	1.3629	1.9365	2.2221	2.0110	1.5555	2.2440	2.4391
Ru-103	0.9355	0.6873	0.8667	0.9450	1.1122	1.0194	1.1783	1.1695
Ru-105	1.4573	1.0581	1.3445	1.4706	1.7013	1.5458	1.8087	1.8034
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.5712	0.4204	0.5290	0.5772	0.6759	0.6192	0.7166	0.7128
Ru-108	0.6149	0.4578	0.5696	0.6225	0.6931	0.6271	0.7405	0.7479
Ru-92	6.2268	4.4771	5.7132	6.2885	6.8871	6.1498	7.3654	7.4531
Ru-94	2.1867	1.5204	1.9887	2.2019	2.3570	2.0661	2.5300	2.5771
Ru-95	2.5742	1.8116	2.3509	2.5926	2.8575	2.5388	3.0545	3.0853
Ru-97	2.3379	1.6528	2.1337	2.3593	2.5106	2.2080	2.6949	2.7491
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8049	0.5669	0.7372	0.8078	0.9832	0.8974	1.0364	1.0100
S-38	0.7701	0.5450	0.7064	0.7739	0.9383	0.8563	0.9917	0.9684
Sb-111	1.8783	1.3868	1.7394	1.8973	2.1746	1.9833	2.3107	2.3143
Sb-113	1.4497	1.0404	1.3326	1.4608	1.6704	1.5119	1.7711	1.7765

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-114	1.6546	1.1727	1.5180	1.6639	1.9670	1.7968	2.0790	2.0568
Sb-115	1.6708	1.1813	1.5292	1.6813	1.8942	1.7012	2.0092	2.0243
Sb-116	1.6890	1.1810	1.5429	1.6965	1.9687	1.7834	2.0821	2.0723
Sb-116m	4.9329	3.5208	4.5279	4.9652	5.7006	5.1705	6.0406	6.0464
Sb-117	2.2564	1.6177	2.0694	2.2731	2.5008	2.2380	2.6609	2.7038
Sb-118	0.3221	0.2174	0.2906	0.3226	0.3462	0.3032	0.3677	0.3767
Sb-118m	5.1014	3.6122	4.6708	5.1326	5.8420	5.2815	6.1864	6.2067
Sb-119	1.3862	0.9091	1.2406	1.3896	1.4252	1.2144	1.5263	1.5900
Sb-120	0.6467	0.4337	0.5824	0.6475	0.6860	0.5971	0.7290	0.7506
Sb-120m	5.2546	3.7991	4.8349	5.2967	6.0546	5.5062	6.4102	6.4302
Sb-122m	2.0973	1.4441	1.8987	2.1128	2.2340	1.9516	2.3888	2.4642
Sb-122	0.7296	0.5317	0.6747	0.7359	0.8680	0.7941	0.9194	0.9113
Sb-124	1.7192	1.2412	1.5872	1.7320	2.0689	1.8929	2.1894	2.1571
Sb-124m	0.8044	0.5585	0.7337	0.8127	0.9012	0.7947	0.9673	0.9803
Sb-124n	0.1421	0.0667	0.1176	0.1449	0.0935	0.0465	0.1153	0.1432
Sb-125	1.5981	1.1284	1.4610	1.6082	1.8023	1.6161	1.9141	1.9307
Sb-126	4.0036	2.9197	3.7039	4.0386	4.7881	4.3836	5.0740	5.0233
Sb-126m	2.4369	1.7766	2.2535	2.4591	2.8998	2.6498	3.0756	3.0541
Sb-127	1.1820	0.8628	1.0930	1.1930	1.4015	1.2810	1.4860	1.4758
Sb-128	4.4439	3.2428	4.1110	4.4830	5.3110	4.8620	5.6290	5.5719
Sb-128m	2.9021	2.1223	2.6851	2.9287	3.4594	3.1644	3.6692	3.6387
Sb-129	1.5367	1.1107	1.4193	1.5489	1.8468	1.6916	1.9554	1.9276
Sb-130m	3.3833	2.4569	3.1270	3.4125	4.0421	3.7003	4.2836	4.2325
Sb-130	4.9493	3.6259	4.5810	4.9967	5.8830	5.3854	6.2386	6.1893
Sb-131	1.9371	1.3956	1.7876	1.9512	2.3296	2.1349	2.4652	2.4292
Sb-133	2.0131	1.4420	1.8546	2.0265	2.4327	2.2311	2.5714	2.5282
Sc-42m	2.7900	2.0111	2.5732	2.8114	3.3603	3.0851	3.5527	3.5065
Sc-43	0.2531	0.1804	0.2320	0.2563	0.2837	0.2520	0.3045	0.3111
Sc-44	0.9618	0.6824	0.8838	0.9677	1.1567	1.0615	1.2225	1.2046
Sc-44m	0.9865	0.7336	0.9150	1.0005	1.1409	1.0388	1.2160	1.2251
Sc-46	1.8756	1.3439	1.7296	1.8884	2.2658	2.0815	2.3953	2.3553
Sc-47	0.8401	0.6470	0.7867	0.8523	0.9791	0.9018	1.0428	1.0442
Sc-48	2.9321	2.0990	2.7031	2.9513	3.5437	3.2597	3.7433	3.6812
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0007	0.0007
Sc-50	2.6893	1.9320	2.4807	2.7088	3.2455	2.9770	3.4306	3.3759
Se-70	4.0455	2.2796	3.4850	4.1111	3.3284	2.2998	3.8263	4.3616
Se-71	1.2229	0.8855	1.1267	1.2369	1.3912	1.2513	1.4905	1.5001
Se-72	3.1689	1.7046	2.6989	3.2204	2.4576	1.5884	2.8634	3.3351
Se-73	2.7484	1.8094	2.4606	2.7864	2.7388	2.2601	3.0069	3.1947
Se-73m	0.5933	0.3377	0.5123	0.6022	0.4892	0.3396	0.5620	0.6380

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-75	4.0064	2.5121	3.5435	4.0688	3.7104	2.8927	4.1572	4.5236
Se-77m	1.4212	0.8973	1.2593	1.4422	1.3061	1.0133	1.4614	1.5916
Se-79m	1.4651	0.7820	1.2458	1.4870	1.0894	0.6703	1.2833	1.5124
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0194	0.0144	0.0180	0.0196	0.0228	0.0209	0.0242	0.0242
Se-81m	1.5098	0.8169	1.2876	1.5323	1.1415	0.7189	1.3384	1.5681
Se-83m	0.9462	0.6833	0.8737	0.9534	1.1377	1.0431	1.2039	1.1880
Se-83	3.2250	2.3591	2.9838	3.2556	3.8484	3.5270	4.0775	4.0429
Se-84	0.9881	0.7332	0.9168	0.9993	1.1712	1.0744	1.2427	1.2436
Si-31	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.8531	1.3307	1.7018	1.8726	2.1135	1.9015	2.2532	2.2709
Sm-140	1.6548	1.1330	1.4966	1.6705	1.7767	1.5504	1.9089	1.9578
Sm-141	1.6920	1.1961	1.5474	1.7077	1.9220	1.7221	2.0489	2.0670
Sm-141m	3.4900	2.4915	3.2002	3.5251	3.9735	3.5710	4.2339	4.2606
Sm-142	1.0735	0.7026	0.9578	1.0825	1.0943	0.9256	1.1834	1.2339
Sm-143	0.6705	0.4411	0.5993	0.6761	0.6904	0.5872	0.7455	0.7745
Sm-143m	0.9265	0.6622	0.8521	0.9342	1.0918	0.9896	1.1601	1.1508
Sm-145	2.1921	1.4468	1.9601	2.2111	2.2500	1.9130	2.4299	2.5292
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0039	0.0019	0.0032	0.0039	0.0027	0.0015	0.0033	0.0040
Sm-153	1.3949	0.9607	1.2605	1.4112	1.4674	1.2721	1.5784	1.6402
Sm-155	1.2669	0.9465	1.1707	1.2831	1.4250	1.2964	1.5154	1.5438
Sm-156	1.3507	0.9213	1.2195	1.3702	1.3882	1.1795	1.5100	1.5841
Sm-157	1.7220	1.2645	1.5893	1.7444	1.9612	1.7744	2.0893	2.1098
Sn-106	3.0349	2.1738	2.7856	3.0582	3.4529	3.1142	3.6666	3.6935
Sn-108	3.0913	2.2225	2.8384	3.1162	3.4914	3.1431	3.7095	3.7524
Sn-109	2.6105	1.8280	2.3848	2.6232	2.9995	2.7002	3.1786	3.1801
Sn-110	2.0972	1.4913	1.9190	2.1126	2.3334	2.0857	2.4814	2.5217
Sn-111	0.8787	0.5952	0.7936	0.8807	0.9458	0.8283	1.0057	1.0284
Sn-113	1.0845	0.7293	0.9768	1.0865	1.1455	0.9955	1.2195	1.2557
Sn-113m	0.7728	0.5099	0.6927	0.7745	0.8008	0.6862	0.8558	0.8890
Sn-117m	2.0889	1.5023	1.9175	2.1063	2.3138	2.0695	2.4657	2.5071
Sn-119m	0.9772	0.6255	0.8690	0.9811	0.9733	0.8095	1.0514	1.1090
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3222	0.2004	0.2844	0.3241	0.3104	0.2513	0.3388	0.3616
Sn-123	0.0061	0.0043	0.0056	0.0061	0.0073	0.0068	0.0078	0.0076
Sn-123m	1.2096	0.9158	1.1269	1.2251	1.3933	1.2749	1.4836	1.4903

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-125m	1.0409	0.7776	0.9664	1.0525	1.2263	1.1240	1.3017	1.3059
Sn-125	0.3115	0.2239	0.2874	0.3137	0.3756	0.3448	0.3972	0.3911
Sn-126	1.3543	0.9370	1.2264	1.3673	1.4260	1.2392	1.5316	1.5891
Sn-127m	0.9260	0.6793	0.8576	0.9352	1.1037	1.0123	1.1690	1.1593
Sn-127	2.0509	1.4839	1.8933	2.0673	2.4500	2.2455	2.5934	2.5643
Sn-128	3.5523	2.4888	3.2372	3.5717	3.9410	3.5153	4.1824	4.2418
Sn-129	1.1942	0.8656	1.1034	1.2034	1.4332	1.3127	1.5172	1.4979
Sn-130	3.1429	2.2936	2.8984	3.1730	3.6135	3.2809	3.8346	3.8495
Sn-130m	1.9305	1.3896	1.7747	1.9449	2.2197	2.0117	2.3550	2.3591
Sr-79	1.7271	1.2012	1.5679	1.7421	1.7862	1.5314	1.9289	1.9992
Sr-80	1.9915	1.2954	1.7790	2.0071	1.8843	1.5027	2.0733	2.2089
Sr-81	1.8634	1.3662	1.7211	1.8851	2.0868	1.8699	2.2357	2.2617
Sr-82	1.4294	0.8633	1.2512	1.4385	1.1762	0.8338	1.3289	1.4814
Sr-83	2.6748	1.7059	2.3771	2.6939	2.4713	1.9314	2.7313	2.9311
Sr-85	2.3467	1.5335	2.0999	2.3650	2.2587	1.8216	2.4772	2.6231
Sr-85m	1.3963	1.0106	1.2839	1.4156	1.5242	1.3472	1.6388	1.6768
Sr-87m	1.0492	0.7482	0.9617	1.0598	1.1594	1.0255	1.2432	1.2684
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.7649	0.5515	0.7064	0.7706	0.9207	0.8442	0.9743	0.9598
Sr-92	0.9530	0.6798	0.8768	0.9591	1.1535	1.0599	1.2181	1.1972
Sr-93	2.6897	1.9363	2.4785	2.7117	3.1567	2.8660	3.3526	3.3302
Sr-94	0.9465	0.6732	0.8706	0.9522	1.1481	1.0533	1.2124	1.1896
Ta-170	1.9637	1.2514	1.7428	1.9936	1.8921	1.5212	2.0895	2.2507
Ta-172	3.8489	2.5352	3.4493	3.9024	3.9228	3.2791	4.2804	4.5083
Ta-173	3.7820	2.3597	3.3378	3.8415	3.5485	2.7904	3.9414	4.2870
Ta-174	3.4164	2.2069	3.0429	3.4690	3.3450	2.7225	3.6806	3.9391
Ta-175	4.3154	2.8368	3.8627	4.3778	4.3505	3.6146	4.7550	5.0325
Ta-176	3.9922	2.5802	3.5617	4.0439	4.0441	3.3501	4.4196	4.6587
Ta-177	1.9106	1.1882	1.6834	1.9418	1.7727	1.3848	1.9708	2.1563
Ta-178	2.0295	1.2470	1.7829	2.0626	1.8606	1.4371	2.0746	2.2800
Ta-178m	7.5183	5.1462	6.7990	7.6283	7.8474	6.7045	8.5143	8.9148
Ta-179	1.1851	0.6853	1.0261	1.2054	1.0093	0.7256	1.1480	1.2964
Ta-180	1.6893	1.0348	1.4827	1.7172	1.5392	1.1830	1.7185	1.8935
Ta-182	3.3455	2.2255	3.0054	3.3887	3.4491	2.9136	3.7559	3.9335
Ta-182m	4.7136	2.9362	4.1591	4.7911	4.3522	3.3829	4.8667	5.3189
Ta-183	4.3162	2.6904	3.8081	4.3860	4.0020	3.1220	4.4659	4.8779
Ta-184	4.9284	3.3388	4.4539	4.9951	5.1833	4.4256	5.6332	5.8634
Ta-185	2.4728	1.5295	2.1781	2.5133	2.2648	1.7476	2.5376	2.7813
Ta-186	4.1831	2.9728	3.8305	4.2371	4.6407	4.1080	4.9866	5.0826

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-146	2.1961	1.5418	2.0115	2.2122	2.5842	2.3356	2.7415	2.7209
Tb-147m	1.8038	1.2247	1.6317	1.8199	1.9985	1.7553	2.1375	2.1713
Tb-147	3.0699	2.1500	2.8009	3.0995	3.4597	3.0844	3.6952	3.7326
Tb-148m	4.8431	3.4518	4.4460	4.8896	5.5998	5.0441	5.9626	5.9761
Tb-148	2.1669	1.5174	1.9794	2.1863	2.4849	2.2221	2.6481	2.6555
Tb-149m	2.3986	1.6600	2.1813	2.4231	2.6663	2.3500	2.8549	2.8983
Tb-149	2.9048	2.0351	2.6485	2.9367	3.2284	2.8566	3.4553	3.5166
Tb-150m	5.0199	3.5773	4.6054	5.0705	5.7532	5.1661	6.1305	6.1676
Tb-150	2.6831	1.8598	2.4420	2.7076	3.0219	2.6787	3.2265	3.2592
Tb-151	4.0809	2.8508	3.7136	4.1305	4.4509	3.9105	4.7755	4.9001
Tb-151m	1.5587	0.8542	1.3336	1.5855	1.2580	0.8489	1.4528	1.6725
Tb-152m	3.7956	2.6114	3.4395	3.8456	4.0531	3.5094	4.3696	4.5262
Tb-152	2.6005	1.8125	2.3672	2.6283	2.8855	2.5484	3.0880	3.1472
Tb-153	2.9436	1.9897	2.6513	2.9822	3.0548	2.6061	3.3057	3.4537
Tb-154	3.1819	2.1786	2.8821	3.2136	3.4878	3.0548	3.7424	3.8167
Tb-155	3.0011	2.0454	2.7063	3.0410	3.1126	2.6646	3.3645	3.5191
Tb-156	4.6470	3.2158	4.2212	4.6997	5.0885	4.4672	5.4578	5.5843
Tb-156m	0.9400	0.6634	0.8554	0.9554	1.0277	0.9068	1.0884	1.1287
Tb-156n	0.5143	0.2617	0.4328	0.5236	0.3759	0.2234	0.4474	0.5341
Tb-157	0.5187	0.2728	0.4396	0.5276	0.3972	0.2520	0.4657	0.5457
Tb-158	2.6662	1.7691	2.3938	2.6980	2.7728	2.3536	3.0036	3.1301
Tb-160	2.0140	1.3991	1.8342	2.0363	2.2380	1.9751	2.3994	2.4426
Tb-161	1.5276	0.9435	1.3440	1.5476	1.4283	1.1241	1.5772	1.7159
Tb-162	2.5279	1.8032	2.3189	2.5596	2.8527	2.5458	3.0531	3.0913
Tb-163	2.0403	1.4842	1.8817	2.0641	2.3562	2.1308	2.5102	2.5295
Tb-164	4.1313	2.9275	3.7841	4.1768	4.6855	4.1820	5.0095	5.0578
Tb-165	1.0068	0.6741	0.9086	1.0175	1.0934	0.9453	1.1794	1.2090
Tc-101	1.1032	0.8269	1.0252	1.1162	1.2967	1.1889	1.3774	1.3806
Tc-102m	2.3644	1.7122	2.1834	2.3833	2.8393	2.6017	3.0046	2.9662
Tc-102	0.1102	0.0806	0.1020	0.1113	0.1317	0.1208	0.1395	0.1382
Tc-104	2.3206	1.6959	2.1462	2.3415	2.7730	2.5404	2.9375	2.9128
Tc-105	2.1148	1.5576	1.9551	2.1375	2.4326	2.2111	2.5905	2.5990
Tc-91	0.8992	0.6355	0.8248	0.9044	1.0692	0.9704	1.1327	1.1160
Tc-91m	0.6583	0.4772	0.6077	0.6642	0.7759	0.7075	0.8229	0.8169
Tc-92	4.1908	3.0693	3.8749	4.2309	4.9076	4.4736	5.2172	5.1936
Tc-93	2.0050	1.3631	1.8150	2.0143	2.1668	1.8939	2.3236	2.3501
Tc-93m	1.2969	0.9140	1.1849	1.3064	1.4475	1.2874	1.5466	1.5606
Tc-94	3.9689	2.7908	3.6325	3.9953	4.5159	4.0399	4.8165	4.8107
Tc-94m	1.4311	1.0039	1.3095	1.4400	1.6404	1.4709	1.7474	1.7403
Tc-95	2.1192	1.4484	1.9205	2.1309	2.2629	1.9666	2.4341	2.4716

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-95m	2.6417	1.8579	2.4108	2.6632	2.8644	2.5227	3.0724	3.1180
Tc-96	3.9663	2.7806	3.6260	3.9926	4.4886	4.0046	4.7921	4.7919
Tc-96m	0.6659	0.4358	0.5950	0.6691	0.6563	0.5463	0.7142	0.7437
Tc-97	1.1540	0.7539	1.0305	1.1583	1.1140	0.9200	1.2150	1.2681
Tc-97m	0.8719	0.5714	0.7789	0.8757	0.8547	0.7110	0.9298	0.9686
Tc-98	1.8339	1.3306	1.6951	1.8486	2.2005	2.0128	2.3317	2.3006
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2429	0.9413	1.1571	1.2587	1.4162	1.2939	1.5181	1.5230
Te-113	1.1047	0.7859	1.0151	1.1115	1.3172	1.2018	1.3935	1.3759
Te-114	2.7927	1.9337	2.5387	2.8092	3.0895	2.7380	3.2887	3.3393
Te-115	1.8453	1.3135	1.6943	1.8575	2.1646	1.9679	2.2920	2.2790
Te-115m	2.0932	1.4792	1.9190	2.1052	2.4577	2.2293	2.6026	2.5833
Te-116	2.1753	1.4979	1.9703	2.1845	2.3397	2.0597	2.4877	2.5523
Te-117	1.8413	1.2835	1.6800	1.8500	2.1023	1.8846	2.2300	2.2339
Te-118	1.0474	0.6985	0.9414	1.0491	1.1034	0.9568	1.1749	1.2107
Te-119	1.9835	1.3789	1.8070	1.9923	2.2272	1.9861	2.3646	2.3850
Te-119m	3.2748	2.3459	3.0070	3.2990	3.7418	3.3836	3.9730	3.9893
Te-121	2.0053	1.3981	1.8277	2.0155	2.2430	2.0000	2.3819	2.4072
Te-121m	1.8095	1.2835	1.6540	1.8270	1.9912	1.7697	2.1250	2.1664
Te-123	0.1250	0.0590	0.1036	0.1274	0.0830	0.0419	0.1020	0.1262
Te-123m	1.8082	1.2970	1.6583	1.8261	1.9905	1.7725	2.1290	2.1682
Te-125m	1.7991	1.1905	1.6132	1.8037	1.8793	1.6201	2.0080	2.0722
Te-127	0.0139	0.0102	0.0129	0.0141	0.0163	0.0149	0.0173	0.0173
Te-127m	0.6178	0.3968	0.5497	0.6204	0.6210	0.5202	0.6703	0.7026
Te-129	0.4676	0.2963	0.4150	0.4716	0.4609	0.3776	0.5035	0.5337
Te-129m	0.4762	0.3115	0.4259	0.4781	0.4912	0.4183	0.5277	0.5478
Te-131	1.4825	1.1053	1.3762	1.4990	1.7194	1.5729	1.8304	1.8306
Te-131m	2.3450	1.6946	2.1605	2.3648	2.7444	2.4979	2.9112	2.8997
Te-132	2.2521	1.6100	2.0624	2.2730	2.5107	2.2515	2.6682	2.7062
Te-133	1.6716	1.2264	1.5469	1.6873	1.9886	1.8223	2.1076	2.0964
Te-133m	2.5877	1.8655	2.3850	2.6087	3.0475	2.7764	3.2312	3.2109
Te-134	2.5291	1.8538	2.3360	2.5551	2.9307	2.6685	3.1109	3.1147
Th-223	1.9954	1.2776	1.7707	2.0198	1.8438	1.4528	2.0467	2.2177
Th-224	0.2454	0.1678	0.2219	0.2485	0.2486	0.2094	0.2712	0.2844
Th-226	0.3096	0.1888	0.2716	0.3130	0.2698	0.2016	0.3037	0.3347
Th-227	2.5727	1.5761	2.2606	2.6032	2.2771	1.7181	2.5538	2.8055
Th-228	0.3281	0.1891	0.2840	0.3316	0.2663	0.1849	0.3048	0.3440
Th-229	3.7830	2.2929	3.3129	3.8281	3.2773	2.4313	3.6941	4.0896
Th-230	1.1862	0.9093	1.1064	1.2074	1.3830	1.2890	1.4578	1.4630
Th-231	2.6142	1.5331	2.2723	2.6397	2.1885	1.5698	2.4812	2.7704

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Th-232	0.9018	0.6511	0.8348	0.9081	1.0862	0.9961	1.1512	1.1168
Th-233	0.6780	0.3924	0.5875	0.6868	0.5690	0.4057	0.6486	0.7285
Th-234	0.4592	0.2853	0.4046	0.4643	0.4108	0.3145	0.4588	0.5017
Th-235	0.1231	0.0866	0.1125	0.1244	0.1364	0.1204	0.1463	0.1489
Th-236	0.3819	0.2475	0.3403	0.3862	0.3624	0.2910	0.4003	0.4288
Ti-44	2.4121	1.7634	2.2150	2.4461	2.6509	2.3710	2.8376	2.9041
Ti-45	0.0455	0.0221	0.0379	0.0463	0.0316	0.0172	0.0383	0.0466
Ti-51	1.0399	0.7780	0.9661	1.0515	1.2285	1.1272	1.3040	1.3064
Ti-52	1.8088	1.2872	1.6533	1.8305	1.9121	1.6718	2.0813	2.1374
Tl-190	1.9224	1.3181	1.7425	1.9458	2.0517	1.7696	2.2199	2.2962
Tl-190m	4.4710	3.1231	4.0775	4.5207	4.9421	4.3460	5.3122	5.4172
Tl-194	2.3320	1.5561	2.0967	2.3622	2.3821	1.9983	2.5999	2.7309
Tl-194m	6.4588	4.3932	5.8434	6.5361	6.8403	5.8614	7.4147	7.6767
Tl-195	4.0078	2.4877	3.5356	4.0617	3.7503	2.9354	4.1749	4.5180
Tl-196	3.5194	2.3654	3.1727	3.5612	3.6865	3.1345	4.0038	4.1612
Tl-197	3.0288	1.9402	2.6908	3.0714	2.8930	2.3170	3.2027	3.4442
Tl-198	3.8948	2.6095	3.5079	3.9409	4.0677	3.4520	4.4202	4.5989
Tl-198m	4.9409	3.2452	4.4253	5.0052	4.9524	4.0921	5.4296	5.7377
Tl-199	3.0295	1.9345	2.6884	3.0741	2.8606	2.2738	3.1742	3.4300
Tl-200	3.7507	2.5088	3.3749	3.7972	3.8703	3.2668	4.2154	4.4101
Tl-201	2.8408	1.7404	2.4935	2.8837	2.5330	1.9183	2.8488	3.1430
Tl-202	2.8601	1.8724	2.5567	2.8995	2.8237	2.3162	3.1037	3.3016
Tl-204	0.0484	0.0290	0.0423	0.0492	0.0420	0.0309	0.0475	0.0530
Tl-206m	5.7085	4.0781	5.2392	5.7766	6.4258	5.7302	6.8795	6.9710
Tl-206	0.0021	0.0013	0.0018	0.0021	0.0019	0.0015	0.0021	0.0023
Tl-207	0.0026	0.0019	0.0024	0.0026	0.0031	0.0028	0.0033	0.0032
Tl-208	2.2643	1.6137	2.0795	2.2818	2.6713	2.4182	2.8354	2.8112
Tl-209	3.4179	2.4726	3.1464	3.4547	3.9010	3.5134	4.1684	4.1933
Tl-210	3.7188	2.5706	3.3837	3.7555	4.1135	3.6065	4.4210	4.4950
Tm-161	5.5377	3.6841	4.9682	5.6199	5.6638	4.7614	6.1449	6.4811
Tm-162	2.6166	1.7543	2.3561	2.6498	2.7708	2.3707	2.9911	3.1068
Tm-163	4.3703	2.9406	3.9350	4.4319	4.5703	3.8959	4.9373	5.1643
Tm-164	1.3654	0.8821	1.2157	1.3860	1.3578	1.1156	1.4818	1.5801
Tm-165	3.5022	2.3575	3.1534	3.5551	3.6311	3.0804	3.9313	4.1287
Tm-166	3.9690	2.6454	3.5688	4.0207	4.1685	3.5445	4.5117	4.6976
Tm-167	2.6024	1.6685	2.3115	2.6456	2.5201	2.0355	2.7683	2.9840
Tm-168	4.4335	3.0118	4.0061	4.4957	4.6831	4.0115	5.0648	5.2670
Tm-170	0.1649	0.0963	0.1430	0.1678	0.1414	0.1025	0.1605	0.1808
Tm-171	0.0234	0.0143	0.0205	0.0238	0.0213	0.0164	0.0238	0.0262
Tm-172	0.8887	0.5578	0.7873	0.9007	0.8713	0.7030	0.9604	1.0240

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tm-173	1.1410	0.8193	1.0480	1.1552	1.2941	1.1583	1.3832	1.4072
Tm-174	5.0524	3.5527	4.6142	5.1188	5.5577	4.8902	5.9781	6.1249
Tm-175	1.9324	1.3588	1.7675	1.9535	2.1893	1.9495	2.3401	2.3660
Tm-176	3.6567	2.5202	3.3206	3.7027	3.9725	3.4599	4.2808	4.4008
U-227	1.8913	1.2321	1.6871	1.9139	1.7961	1.4453	1.9814	2.1247
U-228	0.3429	0.2043	0.2991	0.3463	0.2905	0.2115	0.3286	0.3648
U-230	0.3881	0.2252	0.3365	0.3919	0.3180	0.2235	0.3627	0.4069
U-231	4.5074	2.7615	3.9578	4.5531	3.9563	2.9797	4.4334	4.8738
U-232	0.3691	0.2126	0.3195	0.3727	0.2994	0.2082	0.3423	0.3855
U-233	0.1967	0.1122	0.1699	0.1988	0.1577	0.1080	0.1810	0.2050
U-234	1.1385	0.8588	1.0573	1.1542	1.3359	1.2422	1.3972	1.4000
U-235	1.3584	1.0442	1.2702	1.3788	1.5842	1.4809	1.6747	1.6508
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.3060	0.1759	0.2647	0.3089	0.2474	0.1714	0.2831	0.3191
U-237	3.4756	2.2479	3.0937	3.5155	3.2906	2.6426	3.6297	3.8966
U-238	0.9708	0.7196	0.9100	0.9857	1.1492	1.0652	1.2060	1.2093
U-239	1.0464	0.7194	0.9456	1.0586	1.0674	0.9088	1.1577	1.2092
U-240	0.9669	0.5623	0.8387	0.9769	0.8016	0.5691	0.9123	1.0219
U-242	0.3172	0.2249	0.2895	0.3209	0.3415	0.2998	0.3667	0.3771
V-47	0.0184	0.0103	0.0158	0.0187	0.0155	0.0109	0.0178	0.0201
V-48	2.1353	1.4815	1.9504	2.1509	2.4879	2.2395	2.6477	2.6385
V-49	0.3510	0.1647	0.2905	0.3578	0.2309	0.1147	0.2848	0.3536
V-50	1.1913	0.7768	1.0698	1.2027	1.2838	1.0932	1.3909	1.4249
V-52	0.9161	0.6504	0.8423	0.9215	1.1125	1.0207	1.1745	1.1517
V-53	0.9770	0.6995	0.9016	0.9835	1.1805	1.0853	1.2473	1.2266
W-177	6.0665	3.9242	5.4055	6.1570	5.9326	4.8303	6.5377	6.9949
W-178	1.0427	0.5667	0.8901	1.0611	0.8219	0.5413	0.9566	1.1107
W-179	2.5560	1.4943	2.2190	2.5959	2.2147	1.6227	2.5062	2.8048
W-179m	1.5165	0.9160	1.3270	1.5414	1.3553	1.0232	1.5244	1.6883
W-181	1.5932	0.9503	1.3895	1.6197	1.4057	1.0481	1.5842	1.7648
W-185m	2.1099	1.0784	1.7777	2.1484	1.5369	0.9097	1.8349	2.1909
W-185	0.0012	0.0008	0.0011	0.0012	0.0012	0.0009	0.0013	0.0014
W-187	1.4611	1.0011	1.3239	1.4794	1.5571	1.3428	1.6861	1.7426
W-188	0.0160	0.0104	0.0143	0.0162	0.0157	0.0128	0.0173	0.0185
W-190	3.2254	2.0474	2.8585	3.2762	3.0384	2.4076	3.3781	3.6635
Xe-120	2.9002	2.0031	2.6317	2.9157	3.1594	2.7904	3.3650	3.4295
Xe-121	1.8619	1.3190	1.7030	1.8750	2.1052	1.8910	2.2382	2.2521
Xe-122	1.2959	0.8760	1.1686	1.3008	1.3833	1.2086	1.4754	1.5111
Xe-123	2.1435	1.5237	1.9612	2.1596	2.3835	2.1323	2.5404	2.5704
Xe-125	2.6552	1.8735	2.4232	2.6756	2.9289	2.6100	3.1175	3.1669

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-127	2.6366	1.8843	2.4147	2.6596	2.9325	2.6258	3.1216	3.1653
Xe-127m	2.1429	1.5558	1.9703	2.1640	2.3818	2.1417	2.5507	2.5795
Xe-129m	2.0001	1.3286	1.7944	2.0074	2.0994	1.8158	2.2456	2.3080
Xe-131m	0.8719	0.5702	0.7791	0.8756	0.8973	0.7651	0.9645	0.9991
Xe-133	1.1717	0.8208	1.0645	1.1806	1.2712	1.1271	1.3553	1.3814
Xe-133m	0.9522	0.6358	0.8557	0.9569	1.0008	0.8655	1.0721	1.1031
Xe-135	1.0740	0.8057	0.9986	1.0895	1.2500	1.1454	1.3289	1.3332
Xe-135m	0.9385	0.6743	0.8635	0.9464	1.0900	0.9883	1.1568	1.1548
Xe-137	0.3321	0.2444	0.3077	0.3355	0.3949	0.3621	0.4186	0.4165
Xe-138	1.4697	1.0195	1.3381	1.4864	1.6270	1.4284	1.7501	1.7825
Y-81	2.1974	1.5258	1.9940	2.2204	2.2344	1.9006	2.4329	2.5328
Y-83	1.6303	1.0699	1.4598	1.6398	1.5985	1.3142	1.7426	1.8255
Y-83m	1.2910	0.9094	1.1788	1.3047	1.3769	1.1991	1.4839	1.5234
Y-84m	3.1430	2.2466	2.8953	3.1657	3.7440	3.4131	3.9686	3.9192
Y-85	1.1389	0.7773	1.0322	1.1481	1.1938	1.0211	1.2900	1.3271
Y-85m	1.3110	0.8868	1.1847	1.3211	1.3595	1.1539	1.4717	1.5178
Y-86	3.9462	2.7392	3.5984	3.9734	4.4073	3.8921	4.7149	4.7502
Y-86m	1.2432	0.9256	1.1521	1.2612	1.4120	1.2784	1.5062	1.5225
Y-87	2.2610	1.4899	2.0275	2.2778	2.2062	1.8047	2.4128	2.5388
Y-87m	1.0404	0.7432	0.9540	1.0504	1.1502	1.0195	1.2326	1.2554
Y-88	3.1803	2.1264	2.8687	3.1994	3.3398	2.8393	3.6096	3.6978
Y-89m	0.9402	0.6746	0.8676	0.9470	1.1305	1.0351	1.1969	1.1782
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002
Y-90m	2.1592	1.6059	2.0028	2.1865	2.4997	2.2781	2.6575	2.6654
Y-91	0.0024	0.0017	0.0022	0.0024	0.0029	0.0027	0.0031	0.0030
Y-91m	0.9412	0.6826	0.8690	0.9497	1.1036	1.0030	1.1719	1.1661
Y-92	0.2486	0.1790	0.2295	0.2505	0.2995	0.2747	0.3168	0.3121
Y-93	0.1338	0.0988	0.1241	0.1353	0.1585	0.1453	0.1681	0.1672
Y-94	0.7326	0.5265	0.6762	0.7379	0.8835	0.8102	0.9346	0.9197
Y-95	0.5482	0.3901	0.5040	0.5513	0.6653	0.6090	0.7027	0.6885
Yb-162	2.9750	1.9963	2.6751	3.0220	3.0168	2.5299	3.2885	3.4785
Yb-163	2.3743	1.4896	2.0994	2.4113	2.2746	1.8122	2.5106	2.7125
Yb-164	1.4976	0.9495	1.3256	1.5229	1.4360	1.1503	1.5765	1.7098
Yb-165	4.1972	2.5681	3.6833	4.2680	3.8417	2.9588	4.2811	4.7106
Yb-166	2.7799	1.7752	2.4647	2.8270	2.6778	2.1558	2.9372	3.1794
Yb-167	5.6783	3.6711	5.0522	5.7717	5.5014	4.4599	6.0487	6.5189
Yb-169	5.9708	3.9525	5.3464	6.0672	5.9699	4.9540	6.5125	6.9379
Yb-175	0.2033	0.1424	0.1851	0.2061	0.2192	0.1913	0.2364	0.2447
Yb-177	0.7390	0.5184	0.6735	0.7491	0.7970	0.6966	0.8604	0.8863
Yb-178	0.1405	0.0969	0.1276	0.1424	0.1510	0.1307	0.1633	0.1693

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Yb-179	1.9917	1.4238	1.8296	2.0128	2.2842	2.0502	2.4372	2.4541
Zn-60	1.2488	0.8920	1.1459	1.2624	1.4189	1.2697	1.5161	1.5320
Zn-61	0.4333	0.3081	0.3981	0.4369	0.5112	0.4630	0.5430	0.5392
Zn-62	2.1846	1.2575	1.8930	2.2172	1.8985	1.3818	2.1571	2.4041
Zn-63	0.2438	0.1539	0.2168	0.2467	0.2459	0.2013	0.2702	0.2844
Zn-65	1.6676	0.8997	1.4250	1.6935	1.3618	0.9221	1.5763	1.7989
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.9743	0.7019	0.8967	0.9857	1.1194	1.0073	1.1951	1.2066
Zn-71	0.5065	0.3713	0.4691	0.5114	0.6027	0.5526	0.6391	0.6337
Zn-71m	2.8661	2.1103	2.6562	2.8950	3.4079	3.1238	3.6138	3.5945
Zn-72	2.9839	1.8041	2.6145	3.0323	2.6370	1.9745	2.9905	3.3084
Zr-85	0.9574	0.6918	0.8821	0.9664	1.1054	0.9990	1.1767	1.1798
Zr-86	3.7996	2.5507	3.4208	3.8265	3.7467	3.1202	4.0794	4.2645
Zr-87	0.3080	0.1991	0.2747	0.3094	0.2941	0.2383	0.3223	0.3391
Zr-88	2.2942	1.5507	2.0705	2.3109	2.3146	1.9470	2.5150	2.6193
Zr-89	1.9761	1.3261	1.7840	1.9874	2.0503	1.7443	2.2178	2.2767
Zr-89m	0.9917	0.7123	0.9132	0.9996	1.1530	1.0424	1.2259	1.2213
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8915	0.6454	0.8237	0.8987	1.0711	0.9793	1.1353	1.1188
Zr-97	1.0875	0.7865	1.0041	1.0963	1.2996	1.1870	1.3780	1.3605

Table 2: Adobe Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.4665	0.3562	0.5679	0.6373	0.3282	0.3046	0.5483	0.6378
Ac-224	3.7895	3.3932	4.2321	4.3459	3.2098	3.2418	4.2731	4.5767
Ac-225	0.6792	0.5280	0.8140	0.9056	0.4762	0.4435	0.7855	0.9063
Ac-226	1.6463	1.4928	1.8300	1.8649	1.4073	1.4309	1.8513	1.9437
Ac-227	0.1654	0.1101	0.2141	0.2537	0.0988	0.0831	0.2004	0.2465
Ac-228	2.5023	2.2594	2.7574	2.8011	2.1342	2.1852	2.8228	2.9053
Ac-230	1.1173	0.9962	1.2370	1.2654	0.9363	0.9516	1.2639	1.3044
Ac-231	3.3620	3.1480	3.6604	3.6361	3.0113	3.1137	3.7640	3.8517
Ac-232	1.7302	1.5678	1.8938	1.9124	1.4864	1.5291	1.9557	1.9870
Ac-233	1.3587	1.2879	1.4626	1.4294	1.2601	1.3196	1.5444	1.5053
Ag-100m	2.4183	2.3887	2.5052	2.3473	2.3461	2.5170	2.7041	2.5314
Ag-101	2.2609	2.2118	2.3773	2.2578	2.1207	2.2357	2.4882	2.4050
Ag-102m	1.6416	1.6033	1.7101	1.6182	1.5580	1.6573	1.8340	1.7343
Ag-102	3.7782	3.7176	3.9237	3.6929	3.6237	3.8675	4.2113	3.9618
Ag-103	2.8833	2.7846	3.0381	2.9322	2.6118	2.7199	3.1347	3.0948
Ag-104	4.9905	4.8670	5.2040	4.9458	4.6720	4.9518	5.5090	5.2582
Ag-104m	2.0627	2.0092	2.1520	2.0459	1.9238	2.0311	2.2756	2.1683
Ag-105	3.1936	3.0656	3.3652	3.2614	2.8428	2.9505	3.4491	3.3990
Ag-105m	0.0586	0.0360	0.0796	0.0968	0.0344	0.0280	0.0743	0.0938
Ag-106	0.7222	0.6800	0.7624	0.7483	0.6121	0.6250	0.7688	0.7679
Ag-106m	6.0883	5.9426	6.3590	6.0394	5.7048	6.0365	6.7275	6.4171
Ag-108	0.0639	0.0610	0.0672	0.0651	0.0564	0.0586	0.0689	0.0676
Ag-108m	4.7056	4.5729	4.9253	4.6972	4.3666	4.6017	5.1725	4.9684
Ag-109m	0.6580	0.6007	0.7066	0.7103	0.5301	0.5316	0.6945	0.7218
Ag-110	0.0624	0.0614	0.0648	0.0610	0.0600	0.0641	0.0693	0.0653
Ag-110m	4.1627	4.1179	4.3158	4.0420	4.0551	4.3590	4.6615	4.3627
Ag-111	0.1167	0.1154	0.1227	0.1161	0.1125	0.1196	0.1299	0.1242
Ag-111m	0.3738	0.3323	0.4097	0.4204	0.2933	0.2907	0.4003	0.4226
Ag-112	0.9499	0.9398	0.9845	0.9208	0.9256	0.9927	1.0634	0.9921
Ag-113m	0.9119	0.8796	0.9703	0.9376	0.8491	0.8930	1.0153	0.9904
Ag-113	0.2575	0.2546	0.2708	0.2561	0.2484	0.2642	0.2864	0.2742
Ag-114	0.3977	0.3935	0.4129	0.3866	0.3870	0.4139	0.4458	0.4157
Ag-115	0.9329	0.9238	0.9780	0.9187	0.9014	0.9606	1.0420	0.9949
Ag-116	2.3576	2.3339	2.4433	2.2845	2.2959	2.4587	2.6498	2.4677
Ag-117	1.8896	1.8671	1.9699	1.8572	1.8237	1.9444	2.1112	2.0039
Ag-99	2.6368	2.6004	2.7625	2.6029	2.5267	2.6870	2.9300	2.7967
Al-26	1.3130	1.3029	1.3512	1.2553	1.2872	1.3875	1.4820	1.3720
Al-28	1.2783	1.2695	1.3143	1.2201	1.2543	1.3523	1.4421	1.3341
Al-29	1.3216	1.3103	1.3668	1.2727	1.2934	1.3884	1.4865	1.3793

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	4.0521	3.6506	4.4853	4.5931	3.4195	3.4568	4.5288	4.7843
Am-238	3.8549	3.4924	4.2314	4.3052	3.2828	3.3458	4.3117	4.4947
Am-239	5.0920	4.4601	5.7221	5.9800	4.1328	4.1117	5.7097	6.1850
Am-240	4.3377	3.8663	4.8030	4.9388	3.6032	3.6460	4.8592	5.1111
Am-241	1.5028	1.4956	1.5414	1.4790	1.4582	1.5396	1.6507	1.5414
Am-242	0.8901	0.7389	1.0224	1.1027	0.6563	0.6288	0.9933	1.1075
Am-242m	0.6580	0.5088	0.7836	0.8758	0.4391	0.4009	0.7437	0.8579
Am-243	1.5944	1.4684	1.7360	1.7539	1.3867	1.4131	1.7569	1.8678
Am-244	3.9990	3.5089	4.4605	4.6381	3.2171	3.2165	4.4587	4.7173
Am-244m	0.3474	0.2820	0.4027	0.4391	0.2457	0.2316	0.3872	0.4344
Am-245	0.5257	0.4713	0.5842	0.6003	0.4387	0.4409	0.5860	0.6230
Am-246	5.6118	4.9326	6.2707	6.5167	4.5155	4.5071	6.2532	6.6385
Am-246m	2.0701	1.9193	2.2373	2.2246	1.8242	1.8946	2.3185	2.3241
Am-247	1.8483	1.6819	2.0355	2.0707	1.5768	1.5994	2.0585	2.1635
Ar-37	0.0647	0.0364	0.0908	0.1130	0.0352	0.0267	0.0839	0.1088
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2989	1.2877	1.3437	1.2517	1.2709	1.3639	1.4601	1.3554
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5765	1.5624	1.6306	1.5207	1.5410	1.6593	1.7733	1.6506
Ar-44	2.5291	2.5125	2.6343	2.4704	2.4642	2.6431	2.8423	2.6858
As-68	3.0871	3.0525	3.1996	2.9921	3.0099	3.2395	3.4700	3.2397
As-69	0.5801	0.5266	0.6493	0.6597	0.5139	0.5278	0.6671	0.6931
As-70	4.1202	4.0359	4.3080	4.0688	3.9761	4.2608	4.6462	4.3834
As-71	2.4719	2.0755	2.9106	3.1270	2.0150	2.0017	2.9188	3.1892
As-72	1.4020	1.3230	1.5077	1.4780	1.3016	1.3756	1.5982	1.5688
As-73	2.4918	1.4792	3.4221	4.2028	1.4227	1.1336	3.1859	4.0633
As-74	1.3626	1.1788	1.5588	1.6303	1.1545	1.1684	1.5916	1.6725
As-76	0.7896	0.7808	0.8213	0.7700	0.7676	0.8201	0.8845	0.8260
As-77	0.0447	0.0437	0.0479	0.0458	0.0425	0.0447	0.0500	0.0492
As-78	1.7831	1.7643	1.8488	1.7297	1.7380	1.8645	1.9981	1.8651
As-79	0.0811	0.0803	0.0848	0.0796	0.0788	0.0841	0.0910	0.0855
At-204	6.1973	5.8773	6.6520	6.4950	5.7202	5.9883	6.9795	6.9107
At-205	3.5866	3.2663	3.9493	3.9884	3.1492	3.2301	4.0533	4.2291
At-206	6.4307	6.1123	6.8965	6.7208	5.9470	6.2322	7.2378	7.1728
At-207	5.3154	4.9194	5.7904	5.7718	4.7617	4.9303	6.0003	6.1394
At-208	7.8763	7.3997	8.5040	8.3771	7.1840	7.5045	8.8775	8.9221
At-209	7.4204	6.8785	8.0847	8.0541	6.6529	6.8904	8.3758	8.5671
At-210	6.3914	5.9309	6.9717	6.9231	5.7349	5.9384	7.2225	7.3595

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-211	1.0605	0.8996	1.2197	1.2941	0.8513	0.8357	1.2082	1.3569
At-215	0.0007	0.0007	0.0008	0.0007	0.0007	0.0007	0.0008	0.0008
At-216	0.0511	0.0449	0.0577	0.0600	0.0429	0.0429	0.0580	0.0635
At-217	0.0018	0.0016	0.0019	0.0019	0.0016	0.0016	0.0020	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.2578	2.1832	2.4242	2.3351	2.1142	2.2174	2.5230	2.4951
Au-186	3.8229	3.5971	4.1600	4.1256	3.4923	3.6404	4.3317	4.3785
Au-187	3.5114	3.0979	3.9689	4.1327	2.9923	3.0274	4.0438	4.2934
Au-190	4.5010	4.2312	4.8790	4.8358	4.1189	4.2944	5.0965	5.1218
Au-191	4.2801	3.8333	4.8059	4.9605	3.7008	3.7591	4.8991	5.1668
Au-192	4.2544	3.9728	4.6279	4.6167	3.8644	4.0190	4.8249	4.8780
Au-193	3.0056	2.6291	3.4265	3.6089	2.5248	2.5282	3.4532	3.7448
Au-193m	2.1253	1.8059	2.4814	2.6337	1.7299	1.7088	2.4671	2.7041
Au-194	3.5612	3.2795	3.9156	3.9568	3.1805	3.2814	4.0475	4.1572
Au-195	2.8590	2.3461	3.3767	3.6918	2.2423	2.1756	3.3413	3.7745
Au-195m	2.1505	1.8278	2.5082	2.6623	1.7500	1.7292	2.4951	2.7331
Au-196	3.3280	3.0599	3.6711	3.7174	2.9624	3.0475	3.7815	3.8953
Au-196m	4.9878	4.1474	5.8634	6.3359	3.9661	3.8860	5.8278	6.4843
Au-198	1.3410	1.3165	1.4141	1.3362	1.2878	1.3654	1.5081	1.4279
Au-198m	6.6881	6.0658	7.4811	7.6494	5.8629	5.9914	7.6389	8.0891
Au-199	1.3810	1.2494	1.5464	1.5892	1.2023	1.2282	1.5770	1.6524
Au-200	0.5014	0.4923	0.5262	0.4976	0.4830	0.5143	0.5632	0.5339
Au-200m	6.8768	6.6518	7.3384	7.0730	6.4882	6.8412	7.7335	7.5406
Au-201	0.2161	0.1770	0.2554	0.2769	0.1702	0.1663	0.2544	0.2813
Au-202	0.3137	0.3087	0.3283	0.3092	0.3031	0.3232	0.3527	0.3322
Ba-124	2.3071	2.1958	2.4602	2.4019	2.0942	2.2047	2.5375	2.5239
Ba-126	2.7243	2.6126	2.8967	2.8024	2.5013	2.6393	2.9999	2.9592
Ba-127	1.3565	1.2848	1.4485	1.4214	1.2213	1.2817	1.4884	1.4947
Ba-128	1.4803	1.3814	1.5909	1.5753	1.2982	1.3558	1.6109	1.6333
Ba-129	1.5446	1.4471	1.6610	1.6404	1.3689	1.4312	1.6939	1.7138
Ba-129m	4.9610	4.7665	5.2766	5.1014	4.6075	4.8717	5.5301	5.4111
Ba-131	3.4686	3.3247	3.6876	3.5742	3.1837	3.3494	3.8233	3.7810
Ba-131m	1.8020	1.6796	1.9524	1.9516	1.6149	1.6771	2.0015	2.0762
Ba-133	3.9695	3.7815	4.2298	4.1252	3.6170	3.7981	4.3553	4.3604
Ba-133m	1.3654	1.2077	1.5300	1.5801	1.1445	1.1686	1.5317	1.6209
Ba-135m	1.1414	1.0624	1.2335	1.2258	1.0061	1.0509	1.2518	1.2750
Ba-137m	1.2636	1.2406	1.3170	1.2434	1.2163	1.3011	1.4074	1.3298
Ba-139	0.4693	0.4605	0.4971	0.4791	0.4457	0.4734	0.5221	0.5081
Ba-140	1.0646	0.9332	1.2062	1.2538	0.8966	0.9086	1.2213	1.2837

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ba-141	2.7601	2.7256	2.9012	2.7432	2.6598	2.8352	3.0818	2.9554
Ba-142	2.4845	2.4363	2.6117	2.4756	2.3764	2.5315	2.7660	2.6660
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1346	0.1333	0.1406	0.1319	0.1306	0.1389	0.1512	0.1412
Bi-197	4.0444	3.6825	4.4573	4.5038	3.5658	3.6695	4.5970	4.7667
Bi-200	7.4843	7.0680	8.0897	7.9365	6.8682	7.1670	8.4486	8.4490
Bi-201	4.0985	3.7536	4.4978	4.5253	3.6355	3.7503	4.6514	4.8003
Bi-202	6.8316	6.4611	7.3518	7.2001	6.2929	6.5928	7.7095	7.6758
Bi-203	4.8853	4.5258	5.3194	5.3028	4.3951	4.5622	5.5359	5.6438
Bi-204	6.9665	6.5516	7.5224	7.4038	6.3764	6.6705	7.8744	7.8897
Bi-205	3.8542	3.5075	4.2467	4.2914	3.3968	3.4951	4.3843	4.5386
Bi-206	8.0101	7.5409	8.6390	8.5047	7.3395	7.6734	9.0486	9.0647
Bi-207	4.2728	3.9462	4.6664	4.6613	3.8289	3.9645	4.8425	4.9379
Bi-208	2.5842	2.3119	2.8682	2.9265	2.2414	2.2949	2.9726	3.0938
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5167	1.4540	1.6387	1.5955	1.4115	1.4749	1.6982	1.6981
Bi-211	0.2386	0.2276	0.2566	0.2507	0.2215	0.2319	0.2683	0.2662
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3544	0.2833	0.4218	0.4612	0.2699	0.2618	0.4184	0.4667
Bi-213	0.4636	0.4452	0.4951	0.4780	0.4334	0.4547	0.5218	0.5098
Bi-214	1.7569	1.7334	1.8241	1.7099	1.7071	1.8303	1.9726	1.8476
Bi-215	1.1731	1.1039	1.2732	1.2562	1.0687	1.1101	1.3163	1.3382
Bi-216	1.9846	1.9450	2.0848	1.9738	1.9041	2.0201	2.2272	2.1096
Bk-245	4.1462	3.7374	4.5856	4.6978	3.4861	3.5134	4.6155	4.8980
Bk-246	4.1745	3.7184	4.6240	4.7626	3.4543	3.4834	4.6626	4.9135
Bk-247	1.9061	1.7937	2.0608	2.0418	1.7131	1.7641	2.1074	2.1930
Bk-248m	0.9952	0.8679	1.1157	1.1682	0.7925	0.7840	1.1068	1.1947
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7329	1.6255	1.8583	1.8277	1.5508	1.6247	1.9384	1.9159
Bk-251	2.2617	1.9915	2.5311	2.6379	1.8350	1.8271	2.5224	2.7084
Br-72	2.5899	2.5240	2.7173	2.5811	2.4804	2.6491	2.9211	2.7766
Br-73	1.7192	1.6416	1.8404	1.8071	1.5890	1.6641	1.9305	1.9163
Br-74	2.9296	2.8554	3.0697	2.9082	2.8096	3.0001	3.3069	3.1369
Br-74m	3.5892	3.5015	3.7575	3.5609	3.4447	3.6786	4.0403	3.8256
Br-75	2.1383	2.0043	2.3393	2.3156	1.9428	2.0178	2.4194	2.4360
Br-76	2.9075	2.6963	3.1583	3.1287	2.6295	2.7433	3.3232	3.2946
Br-76m	2.4009	1.8830	2.8520	3.1546	1.7160	1.6340	2.7807	3.1629
Br-77	2.2017	1.7726	2.6263	2.8594	1.6773	1.6176	2.5924	2.8940
Br-77m	1.0987	0.8115	1.3502	1.5283	0.7304	0.6593	1.2956	1.5301
Br-78	0.2638	0.2302	0.2985	0.3094	0.2220	0.2249	0.3047	0.3183

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-80	0.1764	0.1497	0.2030	0.2141	0.1437	0.1436	0.2051	0.2189
Br-80m	2.2062	1.6604	2.6734	2.9961	1.4890	1.3739	2.5687	2.9970
Br-82m	0.9220	0.6258	1.1735	1.3684	0.5461	0.4607	1.1038	1.3443
Br-82	4.2347	4.1893	4.3955	4.1198	4.1238	4.4241	4.7441	4.4422
Br-83	0.0168	0.0165	0.0176	0.0167	0.0162	0.0172	0.0189	0.0178
Br-84m	3.9310	3.8932	4.0829	3.8171	3.8308	4.1083	4.4165	4.1242
Br-84	1.4264	1.4139	1.4728	1.3731	1.3957	1.5052	1.6059	1.4946
Br-85	0.0940	0.0931	0.0975	0.0913	0.0917	0.0987	0.1055	0.0990
C-10	1.2666	1.2524	1.3139	1.2330	1.2334	1.3248	1.4162	1.3287
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1156	0.0649	0.1621	0.2017	0.0628	0.0477	0.1498	0.1943
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1434	1.1332	1.1837	1.1039	1.1178	1.1991	1.2850	1.1944
Ca-49	1.2464	1.2364	1.2762	1.1805	1.2276	1.3267	1.4117	1.2967
Cd-101	3.1860	3.1044	3.3240	3.1731	2.9771	3.1436	3.5034	3.4106
Cd-102	2.8769	2.7685	3.0245	2.9126	2.5958	2.7084	3.1312	3.0563
Cd-103	2.7630	2.6598	2.8894	2.7712	2.5016	2.6250	3.0137	2.9191
Cd-104	2.7665	2.6230	2.9170	2.8492	2.4043	2.4717	2.9446	2.9910
Cd-105	1.9818	1.8997	2.0767	2.0003	1.7736	1.8538	2.1509	2.0956
Cd-107	1.9269	1.7720	2.0535	2.0509	1.5515	1.5590	2.0172	2.0776
Cd-109	1.8040	1.6554	1.9251	1.9256	1.4479	1.4531	1.8889	1.9486
Cd-111m	2.5123	2.4457	2.6740	2.5626	2.3212	2.4285	2.7499	2.7109
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0013	0.0013	0.0010	0.0011	0.0013	0.0013
Cd-115	0.5572	0.5480	0.5828	0.5502	0.5322	0.5643	0.6202	0.5858
Cd-115m	0.0442	0.0438	0.0458	0.0428	0.0431	0.0464	0.0496	0.0463
Cd-117	1.8860	1.8633	1.9699	1.8519	1.8214	1.9426	2.1034	1.9947
Cd-117m	2.1090	2.0901	2.1824	2.0361	2.0596	2.2153	2.3712	2.2088
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2423	2.2191	2.3345	2.1911	2.1755	2.3269	2.5084	2.3666
Cd-119m	2.5109	2.4861	2.6005	2.4292	2.4466	2.6290	2.8193	2.6338
Ce-130	3.4335	3.2810	3.6596	3.5649	3.1546	3.3239	3.7936	3.7894
Ce-131	3.5815	3.4234	3.8213	3.7128	3.3132	3.4942	3.9974	3.9328
Ce-132	3.1985	3.0760	3.4124	3.3182	2.9544	3.1228	3.5422	3.5229
Ce-133	3.0869	2.9170	3.2934	3.2451	2.7916	2.9293	3.3817	3.4609
Ce-133m	5.0198	4.8529	5.2914	5.0934	4.6974	4.9820	5.5679	5.4217
Ce-134	1.2717	1.1699	1.3748	1.3785	1.1041	1.1538	1.3912	1.4346
Ce-135	3.6963	3.5598	3.9242	3.7882	3.4379	3.6367	4.0921	4.0211
Ce-137	1.4948	1.3120	1.6729	1.7368	1.2408	1.2692	1.6720	1.7836

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-137m	1.1233	1.0394	1.2165	1.2147	0.9889	1.0342	1.2368	1.2748
Ce-139	2.6647	2.5384	2.8541	2.8060	2.4317	2.5630	2.9475	2.9478
Ce-141	1.0677	1.0396	1.1313	1.0941	1.0067	1.0645	1.1845	1.1687
Ce-143	2.0822	1.9940	2.2115	2.1550	1.9207	2.0327	2.2973	2.2875
Ce-144	0.3497	0.3356	0.3720	0.3622	0.3243	0.3411	0.3866	0.3898
Ce-145	3.1916	3.0623	3.3748	3.2729	2.9595	3.1404	3.5327	3.4865
Cf-244	0.2351	0.1866	0.2753	0.3038	0.1600	0.1480	0.2620	0.2981
Cf-246	0.1613	0.1282	0.1889	0.2083	0.1100	0.1018	0.1798	0.2045
Cf-247	3.3524	2.8554	3.8131	4.0541	2.5903	2.5280	3.7483	4.1132
Cf-248	0.1931	0.1536	0.2259	0.2490	0.1319	0.1221	0.2151	0.2445
Cf-249	1.8050	1.6776	1.9627	1.9529	1.5899	1.6384	2.0184	2.0323
Cf-250	0.1617	0.1314	0.1874	0.2042	0.1145	0.1080	0.1802	0.2018
Cf-251	2.5182	2.2403	2.8050	2.9016	2.0734	2.0775	2.8088	2.9978
Cf-252	0.8110	0.7739	0.8632	0.8388	0.7444	0.7819	0.9065	0.8875
Cf-253	0.5141	0.4080	0.6043	0.6684	0.3549	0.3305	0.5757	0.6546
Cf-254	24.4283	24.1728	25.4294	23.8800	23.6982	25.3531	27.3273	25.8022
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5481	1.5354	1.6097	1.5132	1.5089	1.6154	1.7397	1.6405
Cl-36	0.0009	0.0005	0.0013	0.0016	0.0005	0.0004	0.0012	0.0015
Cl-38	0.9458	0.9393	0.9718	0.9016	0.9285	1.0014	1.0685	0.9877
Cl-39	1.9448	1.9309	2.0311	1.8963	1.8963	2.0251	2.1765	2.0529
Cl-40	2.4927	2.4725	2.5651	2.3829	2.4456	2.6348	2.8118	2.6027
Cm-238	2.0545	1.8292	2.2813	2.3603	1.6985	1.7014	2.2890	2.4590
Cm-239	4.0246	3.7111	4.4062	4.4456	3.4992	3.5826	4.4937	4.6804
Cm-240	0.2668	0.2084	0.3151	0.3502	0.1781	0.1631	0.2992	0.3432
Cm-241	4.7880	4.2180	5.3574	5.5637	3.9168	3.9151	5.3769	5.7228
Cm-242	0.2395	0.1871	0.2829	0.3144	0.1598	0.1464	0.2686	0.3081
Cm-243	2.5442	2.1978	2.8884	3.0431	2.0346	2.0116	2.8688	3.1266
Cm-244	0.2057	0.1606	0.2429	0.2700	0.1372	0.1256	0.2307	0.2646
Cm-245	2.7089	2.3779	3.0348	3.1694	2.1994	2.1899	3.0311	3.2802
Cm-246	0.1692	0.1332	0.1991	0.2203	0.1145	0.1056	0.1897	0.2164
Cm-247	1.1506	1.1287	1.2142	1.1492	1.1003	1.1651	1.2902	1.2281
Cm-248	2.0581	2.0044	2.1640	2.0635	1.9499	2.0703	2.3027	2.2093
Cm-249	0.2516	0.1649	0.3328	0.3967	0.1594	0.1371	0.3154	0.3880
Cm-250	19.2992	19.0910	20.0941	18.8761	18.7139	20.0178	21.5904	20.3921
Cm-251	0.5110	0.4741	0.5548	0.5536	0.4502	0.4636	0.5714	0.5786
Co-54m	3.8948	3.8578	4.0471	3.7783	3.7973	4.0701	4.3784	4.0803
Co-55	1.8187	1.7537	1.9271	1.8500	1.7260	1.8372	2.0620	1.9788
Co-56	3.6408	3.4481	3.9008	3.8019	3.3988	3.5963	4.1590	4.0495

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-57	2.5781	2.1570	3.0229	3.2469	2.0821	2.0434	3.0181	3.3481
Co-58	1.6711	1.4858	1.8755	1.9289	1.4597	1.5042	1.9415	2.0067
Co-58m	0.4635	0.2606	0.6498	0.8082	0.2520	0.1917	0.6004	0.7785
Co-60	2.6355	2.6125	2.7270	2.5407	2.5779	2.7703	2.9630	2.7522
Co-60m	0.5415	0.3187	0.7471	0.9199	0.3081	0.2440	0.6950	0.8891
Co-61	1.3509	1.3254	1.4196	1.3854	1.2776	1.3401	1.4881	1.4917
Co-62	1.5275	1.5145	1.5797	1.4708	1.4948	1.6090	1.7195	1.5964
Co-62m	2.7139	2.6908	2.8075	2.6146	2.6549	2.8575	3.0535	2.8360
Cr-48	3.2410	3.0949	3.4914	3.4287	3.0257	3.1617	3.6452	3.6842
Cr-49	1.5746	1.5498	1.6561	1.5975	1.5106	1.5917	1.7397	1.7469
Cr-51	0.4013	0.2849	0.5136	0.5959	0.2771	0.2518	0.4947	0.5886
Cr-55	0.0006	0.0006	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	2.3532	2.1996	2.5406	2.5190	2.1037	2.1655	2.5769	2.7142
Cs-121	1.1926	1.1658	1.2588	1.2039	1.1265	1.1937	1.3209	1.2817
Cs-121m	2.2204	2.1686	2.3499	2.2466	2.0942	2.2208	2.4665	2.4016
Cs-123	1.8690	1.8018	1.9714	1.9035	1.7293	1.8233	2.0495	2.0295
Cs-124	0.6004	0.5872	0.6302	0.5991	0.5701	0.6063	0.6674	0.6379
Cs-125	1.6178	1.5493	1.7105	1.6553	1.4782	1.5569	1.7748	1.7423
Cs-126	1.0278	1.0019	1.0813	1.0282	0.9699	1.0291	1.1421	1.0919
Cs-127	2.5814	2.4739	2.7363	2.6444	2.3588	2.4819	2.8347	2.7800
Cs-128	0.8274	0.7944	0.8751	0.8435	0.7591	0.8003	0.9108	0.8861
Cs-129	2.6218	2.4862	2.7880	2.7189	2.3488	2.4650	2.8587	2.8353
Cs-130m	2.3189	2.1466	2.5115	2.5120	2.0394	2.1163	2.5451	2.6370
Cs-130	0.7642	0.7134	0.8164	0.8060	0.6652	0.6943	0.8259	0.8324
Cs-131	1.2284	1.1382	1.3172	1.3085	1.0548	1.0971	1.3230	1.3457
Cs-132	2.5319	2.4276	2.6696	2.5756	2.3242	2.4586	2.7781	2.7071
Cs-134	2.8440	2.8118	2.9532	2.7718	2.7668	2.9668	3.1818	2.9829
Cs-134m	0.9596	0.8164	1.1028	1.1689	0.7745	0.7736	1.0945	1.1918
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5489	2.5185	2.6443	2.4859	2.4784	2.6671	2.8549	2.6879
Cs-136	4.0428	3.9911	4.2168	3.9761	3.9136	4.1941	4.5209	4.2860
Cs-137	1.5678	1.5900	1.6333	1.5372	1.5248	1.6289	1.7730	1.6788
Cs-138m	1.5619	1.4836	1.6690	1.6292	1.4225	1.4966	1.7321	1.7176
Cs-138	2.5859	2.5617	2.6794	2.5012	2.5230	2.7084	2.9080	2.7098
Cs-139	0.2635	0.2612	0.2722	0.2535	0.2578	0.2771	0.2965	0.2753
Cs-140	1.7369	1.7203	1.7964	1.6762	1.6964	1.8228	1.9515	1.8151
Cu-57	0.1359	0.1343	0.1410	0.1318	0.1325	0.1426	0.1529	0.1427
Cu-59	0.6624	0.6511	0.6925	0.6534	0.6405	0.6845	0.7453	0.7026
Cu-60	2.6311	2.5877	2.7346	2.5683	2.5541	2.7392	2.9701	2.7813
Cu-61	0.7514	0.6383	0.8739	0.9284	0.6230	0.6229	0.8816	0.9501

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-62	0.0217	0.0155	0.0276	0.0318	0.0152	0.0139	0.0268	0.0316
Cu-64	0.2834	0.1618	0.3952	0.4896	0.1567	0.1210	0.3662	0.4723
Cu-66	0.1285	0.1273	0.1332	0.1242	0.1255	0.1356	0.1445	0.1346
Cu-67	1.2789	1.2145	1.3915	1.3752	1.1832	1.2358	1.4463	1.4797
Cu-69	0.7635	0.7560	0.7920	0.7405	0.7447	0.8017	0.8573	0.8006
Dy-148	2.6255	2.4837	2.8043	2.7650	2.4209	2.5640	2.9399	2.9076
Dy-149	4.1443	3.9360	4.4169	4.3456	3.8388	4.0700	4.6450	4.6112
Dy-150	1.7310	1.6379	1.8582	1.8318	1.5922	1.6805	1.9439	1.9254
Dy-151	3.8831	3.6447	4.1865	4.1524	3.5531	3.7445	4.3857	4.3638
Dy-152	2.7446	2.6042	2.9692	2.9287	2.5234	2.6517	3.0643	3.0865
Dy-153	5.1292	4.8147	5.5279	5.5085	4.6759	4.9257	5.7457	5.8086
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.4334	3.2632	3.6889	3.6317	3.1683	3.3479	3.8464	3.8474
Dy-157	2.8159	2.6605	3.0237	3.0008	2.5846	2.7294	3.1507	3.1507
Dy-159	1.6934	1.5311	1.8582	1.9169	1.4770	1.5446	1.9029	1.9819
Dy-165m	0.4837	0.3634	0.5988	0.6818	0.3522	0.3326	0.5835	0.6797
Dy-165	0.2750	0.2560	0.2980	0.3010	0.2488	0.2608	0.3089	0.3153
Dy-166	1.3304	1.1695	1.4973	1.5763	1.1327	1.1606	1.5179	1.6198
Dy-167	2.2366	2.1571	2.3877	2.3167	2.1043	2.2231	2.5059	2.4504
Dy-168	2.2331	2.1142	2.4104	2.3821	2.0577	2.1653	2.5223	2.5083
Er-154	2.0763	1.8253	2.3228	2.4360	1.7348	1.7769	2.3387	2.4695
Er-156	2.6503	2.2016	3.0871	3.3530	2.1176	2.1186	3.0748	3.3814
Er-159	3.2233	3.0372	3.4688	3.4440	2.9607	3.1242	3.6318	3.6072
Er-161	3.4397	3.2105	3.7238	3.7292	3.1292	3.2956	3.8893	3.9009
Er-163	1.4286	1.2815	1.5807	1.6486	1.2384	1.2890	1.6178	1.6822
Er-165	1.3841	1.2377	1.5349	1.6041	1.1960	1.2432	1.5692	1.6356
Er-167m	1.1153	1.0243	1.2398	1.2576	0.9934	1.0310	1.2756	1.3198
Er-169	0.0134	0.0075	0.0187	0.0233	0.0073	0.0056	0.0173	0.0225
Er-171	2.8526	2.7020	3.0822	3.0591	2.6327	2.7609	3.2107	3.2175
Er-172	2.5865	2.4314	2.7942	2.7864	2.3685	2.4885	2.9224	2.8967
Er-173	4.3356	4.1434	4.6626	4.5800	4.0366	4.2581	4.8918	4.8823
Es-249	3.4909	3.1928	3.8218	3.8679	2.9952	3.0510	3.8843	4.0286
Es-250	10.6415	9.4058	11.8498	12.2874	8.6528	8.6538	11.8347	12.5723
Es-250m	3.1152	2.8298	3.4158	3.4730	2.6431	2.6862	3.4631	3.6102
Es-251	2.9680	2.5645	3.3522	3.5360	2.3405	2.3045	3.3132	3.6015
Es-253	0.0632	0.0498	0.0745	0.0825	0.0433	0.0401	0.0710	0.0810
Es-254	2.2499	1.7143	2.7093	3.0535	1.4968	1.3610	2.5694	2.9861
Es-254m	1.6793	1.5311	1.8304	1.8470	1.4343	1.4697	1.8643	1.8990
Es-255	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0010
Es-256	0.3135	0.2570	0.3611	0.3919	0.2231	0.2114	0.3456	0.3856

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-142	0.3556	0.3449	0.3723	0.3560	0.3380	0.3616	0.3981	0.3841
Eu-142m	4.6460	4.4980	4.9045	4.6957	4.4201	4.7110	5.2405	5.0223
Eu-143	0.7247	0.6898	0.7677	0.7481	0.6714	0.7140	0.8088	0.8044
Eu-144	0.3220	0.3066	0.3404	0.3312	0.2987	0.3180	0.3597	0.3563
Eu-145	2.8435	2.7165	3.0078	2.9213	2.6473	2.8205	3.1742	3.1356
Eu-146	4.7431	4.5988	4.9767	4.7625	4.5021	4.8092	5.2963	5.1136
Eu-147	3.0237	2.8652	3.2303	3.1724	2.7758	2.9364	3.3653	3.4095
Eu-148	5.5000	5.3415	5.7782	5.5217	5.2247	5.5673	6.1438	5.9124
Eu-149	1.6024	1.4239	1.7781	1.8363	1.3670	1.4136	1.8016	1.9243
Eu-150	5.2053	5.0484	5.4906	5.2682	4.9268	5.2383	5.8125	5.6321
Eu-150m	0.2469	0.2339	0.2635	0.2585	0.2268	0.2400	0.2748	0.2756
Eu-152	3.4857	3.3475	3.6942	3.5776	3.2627	3.4629	3.8915	3.8447
Eu-152m	0.9699	0.9249	1.0297	1.0036	0.9003	0.9562	1.0821	1.0778
Eu-152n	1.8658	1.6503	2.1012	2.1877	1.6061	1.6277	2.1240	2.3256
Eu-154	2.8011	2.7186	2.9564	2.8357	2.6635	2.8303	3.1410	3.0523
Eu-154m	2.2200	1.9170	2.5345	2.6881	1.8481	1.8596	2.5460	2.7888
Eu-155	1.3012	1.2279	1.3995	1.3917	1.1963	1.2488	1.4476	1.5101
Eu-156	1.6677	1.6152	1.7557	1.6818	1.5874	1.6923	1.8775	1.8106
Eu-157	2.3914	2.2056	2.6107	2.6414	2.1353	2.2268	2.6982	2.7589
Eu-158	2.2484	2.1565	2.3868	2.3087	2.1167	2.2512	2.5353	2.4740
Eu-159	2.7239	2.5545	2.9275	2.9249	2.4720	2.5995	3.0333	3.0987
F-17	0.0004	0.0004	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7800	1.6939	1.9395	1.9226	1.6467	1.7254	2.0198	2.0208
Fe-53	0.5915	0.5806	0.6242	0.5912	0.5685	0.6035	0.6649	0.6312
Fe-53m	3.7612	3.7246	3.8956	3.6383	3.6724	3.9516	4.2223	3.9367
Fe-55	0.3841	0.2158	0.5387	0.6702	0.2087	0.1586	0.4977	0.6455
Fe-59	1.3978	1.3856	1.4490	1.3515	1.3658	1.4687	1.5711	1.4640
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8852	1.8681	1.9594	1.8332	1.8384	1.9737	2.1148	1.9849
Fe-62	1.2798	1.2668	1.3347	1.2533	1.2421	1.3213	1.4371	1.3408
Fm-251	2.6286	2.3063	2.9558	3.0862	2.1458	2.1383	2.9517	3.1712
Fm-252	0.1656	0.1343	0.1916	0.2092	0.1158	0.1087	0.1830	0.2056
Fm-253	2.5128	2.1260	2.8665	3.0619	1.9139	1.8596	2.8015	3.0784
Fm-254	0.1770	0.1454	0.2037	0.2209	0.1265	0.1200	0.1958	0.2180
Fm-255	1.8079	1.4211	2.1349	2.3723	1.2306	1.1369	2.0303	2.3223
Fm-256	18.1876	17.9901	18.9383	17.7910	17.6318	18.8593	20.3440	19.2170
Fm-257	2.8797	2.5365	3.2211	3.3529	2.3276	2.3165	3.2031	3.4328
Fr-212	3.9711	3.5826	4.4094	4.4842	3.4248	3.4909	4.4990	4.7207
Fr-219	0.0178	0.0169	0.0192	0.0188	0.0164	0.0171	0.0200	0.0199

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-220	0.3795	0.3016	0.4512	0.4961	0.2784	0.2640	0.4393	0.5041
Fr-221	0.2822	0.2648	0.3092	0.3059	0.2541	0.2630	0.3176	0.3275
Fr-222	1.9897	1.7707	2.2333	2.2997	1.6602	1.6762	2.2524	2.3982
Fr-223	1.6314	1.4094	1.8405	1.9472	1.3097	1.3128	1.8374	1.9772
Fr-224	1.9386	1.8052	2.1136	2.1012	1.7281	1.7892	2.1840	2.2246
Fr-227	3.1440	2.9117	3.4250	3.4368	2.7879	2.8669	3.5195	3.6541
Ga-64	1.9184	1.8929	1.9881	1.8603	1.8691	2.0130	2.1645	2.0209
Ga-65	1.9498	1.7479	2.1906	2.2637	1.7035	1.7356	2.2424	2.3748
Ga-66	1.6221	1.4458	1.8129	1.8521	1.4248	1.4724	1.8937	1.9368
Ga-67	2.4659	1.9565	2.9881	3.3079	1.9060	1.8347	2.9442	3.3718
Ga-68	0.1423	0.1006	0.1818	0.2106	0.0983	0.0897	0.1761	0.2085
Ga-70	0.0174	0.0156	0.0195	0.0199	0.0153	0.0158	0.0201	0.0207
Ga-72	2.8715	2.8415	2.9719	2.7802	2.8024	3.0167	3.2282	3.0167
Ga-73	2.8164	2.2586	3.3913	3.7281	2.1942	2.1314	3.3545	3.7561
Ga-74	3.1811	3.1505	3.2915	3.0722	3.1062	3.3353	3.5752	3.3257
Gd-142	1.6094	1.5428	1.7101	1.6631	1.5013	1.5936	1.7973	1.7755
Gd-143m	4.1187	3.9724	4.3715	4.2226	3.8715	4.1087	4.5959	4.5177
Gd-144	1.1635	1.0940	1.2439	1.2297	1.0623	1.1249	1.3000	1.3077
Gd-145m	1.6486	1.5140	1.8063	1.8140	1.4794	1.5425	1.8794	1.8977
Gd-145	2.4364	2.3451	2.5612	2.4673	2.2953	2.4526	2.7344	2.6552
Gd-146	5.2460	4.9502	5.6254	5.5839	4.7932	5.0468	5.8346	5.9656
Gd-147	4.9059	4.7376	5.2051	5.0205	4.6147	4.9034	5.4808	5.3766
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.8079	3.6290	4.0671	3.9938	3.5216	3.7254	4.2442	4.2414
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8893	1.6733	2.1087	2.1904	1.6085	1.6582	2.1361	2.2781
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.8909	2.6952	3.1105	3.1187	2.6071	2.7395	3.2100	3.3385
Gd-159	0.5266	0.4932	0.5677	0.5680	0.4780	0.5037	0.5899	0.5939
Gd-162	1.4896	1.4261	1.5983	1.5471	1.3941	1.4662	1.6872	1.6378
Ge-66	3.1621	2.6777	3.6778	3.9228	2.6003	2.5982	3.6981	4.0167
Ge-67	1.8205	1.7728	1.9423	1.8810	1.7286	1.8318	2.0504	1.9968
Ge-68	0.9444	0.5318	1.3231	1.6448	0.5137	0.3909	1.2226	1.5847
Ge-69	1.7014	1.3696	2.0334	2.2195	1.3412	1.3159	2.0371	2.2478
Ge-71	0.9579	0.5394	1.3419	1.6682	0.5210	0.3965	1.2400	1.6072
Ge-75	0.1913	0.1896	0.2036	0.1921	0.1845	0.1950	0.2128	0.2068
Ge-77	3.2691	3.2295	3.4518	3.2559	3.1546	3.3546	3.6592	3.5148
Ge-78	1.4212	1.4094	1.5064	1.4216	1.3736	1.4548	1.5785	1.5257
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9702	1.8374	2.1478	2.1686	1.7840	1.8624	2.2279	2.2497

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-169	2.8795	2.6785	3.1382	3.1646	2.6022	2.7104	3.2689	3.2815
Hf-170	4.1542	3.7417	4.6367	4.8025	3.6294	3.7312	4.7557	4.9462
Hf-172	3.7208	3.1642	4.2892	4.6156	3.0303	3.0283	4.2951	4.6682
Hf-173	4.7218	4.4253	5.1398	5.1615	4.2986	4.4741	5.3320	5.4173
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.0823	2.8399	3.3854	3.4488	2.7555	2.8626	3.5001	3.5630
Hf-177m	16.0153	15.1397	17.4218	17.2785	14.7190	15.3760	18.1059	18.2163
Hf-178m	11.2647	10.6801	12.2067	12.0189	10.4163	10.8905	12.7441	12.7602
Hf-179m	6.8536	6.3494	7.5441	7.6117	6.1687	6.3922	7.8061	7.9458
Hf-180m	5.8909	5.5819	6.3833	6.3114	5.4302	5.6818	6.6627	6.6599
Hf-181	2.8822	2.7091	3.1344	3.1155	2.6397	2.7457	3.2728	3.2786
Hf-182	1.6184	1.5608	1.7474	1.7007	1.5169	1.5896	1.8135	1.8018
Hf-182m	5.2040	4.8325	5.7052	5.7469	4.6985	4.8814	5.9170	6.0133
Hf-183	2.4976	2.4050	2.6550	2.5866	2.3480	2.4752	2.7997	2.7651
Hf-184	3.5747	2.9055	4.2645	4.6714	2.8153	2.7513	4.2347	4.7297
Hg-190	4.0199	3.5222	4.5781	4.8052	3.3867	3.3964	4.6188	4.9913
Hg-191m	6.0201	5.5003	6.6814	6.7659	5.3343	5.4752	6.8617	7.1025
Hg-192	4.0010	3.4799	4.5812	4.8228	3.3430	3.3405	4.6014	5.0004
Hg-193	3.9182	3.4554	4.4329	4.6127	3.3321	3.3675	4.5032	4.8066
Hg-193m	3.5742	3.2622	3.9508	4.0041	3.1635	3.2514	4.0751	4.2073
Hg-194	0.5580	0.3368	0.7566	0.9216	0.3128	0.2475	0.7030	0.8930
Hg-195	2.7155	2.2465	3.1892	3.4600	2.1458	2.0936	3.1645	3.5450
Hg-195m	3.0954	2.4243	3.7552	4.1726	2.3062	2.1873	3.6687	4.2121
Hg-197	2.5343	2.0737	2.9954	3.2686	1.9805	1.9166	2.9548	3.3568
Hg-197m	2.3253	1.8953	2.7597	3.0093	1.8107	1.7517	2.7263	3.0757
Hg-199m	2.8410	2.4836	3.2399	3.4034	2.3846	2.3935	3.2666	3.5193
Hg-203	1.4831	1.4241	1.6023	1.5585	1.3822	1.4443	1.6594	1.6599
Hg-205	0.0524	0.0495	0.0573	0.0565	0.0478	0.0498	0.0593	0.0608
Hg-206	0.7166	0.6770	0.7766	0.7671	0.6574	0.6848	0.8053	0.8133
Hg-207	3.8672	3.7514	4.0798	3.9019	3.6775	3.9093	4.3576	4.1948
Ho-150	2.0142	1.9687	2.1065	2.0061	1.9341	2.0719	2.2577	2.1499
Ho-153	2.7398	2.6230	2.9261	2.8661	2.5547	2.7020	3.0655	3.0278
Ho-153m	3.2604	3.0970	3.5041	3.4584	3.0147	3.1765	3.6609	3.6511
Ho-154m	6.2227	6.0703	6.5605	6.2728	5.9379	6.3130	6.9782	6.6736
Ho-154	3.2597	3.1724	3.4367	3.2974	3.1045	3.3058	3.6527	3.5091
Ho-155	2.9153	2.6934	3.1871	3.2208	2.6137	2.7327	3.2929	3.3645
Ho-156	4.7797	4.6024	5.0925	4.9469	4.4918	4.7546	5.3604	5.2579
Ho-157	4.3960	4.0956	4.7714	4.7992	3.9712	4.1684	4.9428	5.0112
Ho-159	4.8908	4.5780	5.2966	5.3120	4.4419	4.6592	5.4893	5.5798
Ho-160	4.9670	4.7083	5.3169	5.2333	4.6000	4.8722	5.5926	5.5351

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-161	2.2922	2.0300	2.5521	2.6609	1.9338	1.9868	2.5767	2.7195
Ho-162	1.8852	1.6862	2.0912	2.1742	1.6318	1.6924	2.1359	2.2412
Ho-162m	3.3554	3.0167	3.7365	3.8541	2.9282	3.0299	3.8315	3.9878
Ho-163	0.0154	0.0087	0.0216	0.0269	0.0084	0.0064	0.0200	0.0259
Ho-164	1.0718	0.9525	1.1937	1.2488	0.9206	0.9527	1.2161	1.2818
Ho-164m	2.1513	1.7631	2.5272	2.7725	1.7013	1.6930	2.5141	2.7854
Ho-166	0.4185	0.3494	0.4884	0.5290	0.3398	0.3382	0.4877	0.5404
Ho-166m	5.2304	5.0210	5.5966	5.4487	4.9089	5.1911	5.8969	5.7955
Ho-167	1.9941	1.9129	2.1360	2.0868	1.8662	1.9689	2.2415	2.2030
Ho-168	1.9905	1.8865	2.1368	2.0981	1.8505	1.9542	2.2539	2.2273
Ho-168m	0.4526	0.3308	0.5672	0.6548	0.3198	0.2987	0.5492	0.6458
Ho-170	4.7516	4.5292	5.1025	4.9977	4.4292	4.6785	5.3638	5.3006
I-118m	5.5750	5.4973	5.8011	5.4524	5.3893	5.7649	6.2215	5.8423
I-118	1.9153	1.8876	1.9920	1.8718	1.8499	1.9776	2.1374	2.0056
I-119	2.2245	2.1647	2.3635	2.2573	2.0691	2.1759	2.4377	2.3896
I-120	2.4759	2.4275	2.5760	2.4288	2.3654	2.5238	2.7580	2.6006
I-120m	4.8904	4.8145	5.0888	4.7855	4.7120	5.0329	5.4550	5.1226
I-121	2.7362	2.6409	2.9057	2.7945	2.5023	2.6334	2.9963	2.9648
I-122	0.5721	0.5493	0.6023	0.5795	0.5223	0.5503	0.6257	0.6074
I-123	2.8254	2.7136	2.9974	2.9188	2.5612	2.6900	3.0799	3.0339
I-124	2.2205	2.1385	2.3313	2.2353	2.0428	2.1591	2.4340	2.3523
I-125	2.4284	2.2565	2.5898	2.5585	2.0647	2.1380	2.5877	2.6201
I-126	1.6434	1.5859	1.7303	1.6579	1.5161	1.6011	1.8045	1.7443
I-128	0.2729	0.2648	0.2873	0.2742	0.2541	0.2682	0.3015	0.2892
I-129	1.2779	1.1912	1.3638	1.3484	1.1070	1.1561	1.3746	1.3948
I-130m	0.5745	0.5238	0.6290	0.6332	0.4975	0.5130	0.6408	0.6525
I-130	4.2866	4.2386	4.4586	4.1831	4.1662	4.4578	4.7978	4.4924
I-131	1.6836	1.6792	1.7612	1.6285	1.6335	1.7228	1.8426	1.7796
I-132	3.8051	3.7632	3.9496	3.7036	3.7040	3.9751	4.2580	3.9901
I-132m	1.4843	1.3736	1.6114	1.6077	1.3087	1.3571	1.6528	1.6721
I-133	1.3522	1.3377	1.4085	1.3220	1.3128	1.4001	1.5159	1.4164
I-134m	2.6636	2.5589	2.8301	2.7360	2.4272	2.5508	2.9023	2.8724
I-134	3.9851	3.9431	4.1368	3.8770	3.8800	4.1711	4.4679	4.1903
I-135	1.7665	1.7508	1.8301	1.7075	1.7251	1.8534	1.9850	1.8500
In-103	3.0343	2.9955	3.1680	2.9841	2.9192	3.1206	3.3888	3.2230
In-105	2.8920	2.8333	3.0302	2.8761	2.7331	2.8925	3.1970	3.0831
In-106	4.8154	4.7479	5.0066	4.7033	4.6475	4.9802	5.3745	5.0535
In-106m	2.2085	2.1769	2.2887	2.1458	2.1331	2.2848	2.4652	2.3089
In-107	2.8394	2.7594	2.9833	2.8464	2.6253	2.7699	3.1222	3.0299
In-108	6.6698	6.5419	6.9593	6.5711	6.3435	6.7608	7.3979	7.0288

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-108m	2.5502	2.4872	2.6527	2.5110	2.3982	2.5490	2.8182	2.6758
In-109	3.1411	3.0327	3.3175	3.1878	2.8502	2.9873	3.4254	3.3798
In-109m	1.2629	1.2433	1.3130	1.2349	1.2174	1.3016	1.4041	1.3204
In-110	6.2420	6.0943	6.5075	6.1679	5.8837	6.2642	6.9005	6.5674
In-110m	1.9047	1.8523	1.9875	1.8895	1.7791	1.8856	2.0954	2.0014
In-111	4.2205	4.0972	4.4802	4.3099	3.8642	4.0442	4.6060	4.5402
In-111m	1.2654	1.2426	1.3213	1.2479	1.2068	1.2803	1.4076	1.3269
In-112	0.5036	0.4700	0.5334	0.5251	0.4219	0.4315	0.5324	0.5361
In-112m	1.1590	1.0865	1.2308	1.2107	0.9849	1.0132	1.2309	1.2376
In-113m	1.2773	1.2376	1.3457	1.2839	1.1776	1.2381	1.4031	1.3506
In-114	0.0088	0.0083	0.0093	0.0091	0.0076	0.0079	0.0094	0.0093
In-114m	0.9561	0.9000	1.0199	1.0000	0.8295	0.8582	1.0317	1.0365
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.2004	1.1516	1.2668	1.2240	1.0807	1.1303	1.3017	1.2763
In-116m	2.8576	2.8313	2.9625	2.7646	2.7889	2.9938	3.2112	2.9919
In-117	2.8601	2.8251	3.0006	2.8549	2.7479	2.9226	3.1855	3.0270
In-117m	0.8712	0.8411	0.9200	0.8902	0.7937	0.8328	0.9487	0.9288
In-118m	3.5795	3.5454	3.7116	3.4656	3.4934	3.7554	4.0179	3.7464
In-118	0.0880	0.0872	0.0911	0.0850	0.0860	0.0923	0.0989	0.0919
In-119	1.5910	1.5325	1.6768	1.6131	1.4837	1.5727	1.7710	1.7123
In-119m	0.2508	0.2313	0.2709	0.2697	0.2153	0.2215	0.2747	0.2779
In-121	1.4535	1.4390	1.5102	1.4136	1.4156	1.5244	1.6292	1.5289
In-121m	0.9573	0.9151	1.0047	0.9798	0.8448	0.8813	1.0223	1.0120
Ir-180	4.1560	3.8588	4.5598	4.5739	3.7529	3.8874	4.7258	4.8069
Ir-182	4.0968	3.7765	4.5243	4.5676	3.6671	3.7799	4.6680	4.7970
Ir-183	4.5315	4.0435	5.0956	5.2866	3.9121	3.9785	5.2109	5.4860
Ir-184	6.1285	5.6660	6.7436	6.7865	5.5068	5.6923	6.9829	7.1276
Ir-185	4.5628	3.8711	5.2962	5.6802	3.7314	3.7043	5.3224	5.8127
Ir-186	5.9156	5.4789	6.4941	6.5371	5.3242	5.5092	6.7346	6.8551
Ir-186m	3.4760	3.1953	3.8248	3.8728	3.1065	3.2117	3.9675	4.0568
Ir-187	3.1253	2.6667	3.6144	3.8725	2.5663	2.5512	3.6356	3.9609
Ir-188	4.3415	4.0005	4.7660	4.8187	3.8896	4.0267	4.9605	5.0453
Ir-189	2.3447	1.9219	2.7793	3.0515	1.8407	1.7889	2.7544	3.0920
Ir-190	6.3228	5.9435	6.8766	6.8275	5.7804	6.0228	7.1779	7.1882
Ir-190m	0.5329	0.3045	0.7417	0.9183	0.2916	0.2237	0.6862	0.8858
Ir-190n	1.8691	1.5735	2.1785	2.3611	1.5062	1.4832	2.1755	2.4058
Ir-191m	2.3356	1.8845	2.7912	3.0754	1.8052	1.7385	2.7560	3.1226
Ir-192	3.3000	3.2164	3.4982	3.3586	3.1413	3.3235	3.6969	3.5755
Ir-192m	0.6123	0.3621	0.8384	1.0274	0.3401	0.2661	0.7779	0.9942
Ir-192n	1.2830	0.7640	1.7523	2.1437	0.7171	0.5640	1.6273	2.0757

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-193m	0.5348	0.3094	0.7407	0.9143	0.2958	0.2292	0.6863	0.8830
Ir-194	0.2988	0.2925	0.3153	0.3013	0.2860	0.3037	0.3342	0.3215
Ir-194m	6.9330	6.7537	7.3240	7.0021	6.6114	7.0057	7.7851	7.4620
Ir-195	1.8376	1.5203	2.1607	2.3507	1.4541	1.4174	2.1429	2.4097
Ir-195m	2.5667	2.3092	2.8745	2.9529	2.2332	2.2765	2.9384	3.0795
Ir-196	0.5998	0.5875	0.6312	0.6006	0.5754	0.6120	0.6729	0.6427
Ir-196m	7.6140	7.3325	8.1165	7.8313	7.1690	7.5559	8.5902	8.3187
K-38	1.2651	1.2567	1.2996	1.2044	1.2427	1.3412	1.4323	1.3220
K-40	0.1462	0.1416	0.1537	0.1465	0.1397	0.1489	0.1659	0.1577
K-42	0.2400	0.2381	0.2471	0.2299	0.2351	0.2530	0.2700	0.2506
K-43	2.5876	2.5598	2.7035	2.5378	2.5113	2.6803	2.8941	2.7200
K-44	1.9718	1.9554	2.0363	1.8952	1.9306	2.0797	2.2211	2.0615
K-45	2.5040	2.4872	2.6104	2.4554	2.4383	2.6133	2.8121	2.6583
K-46	1.9489	1.9330	2.0095	1.8680	1.9108	2.0554	2.1950	2.0330
Kr-74	2.6263	2.3967	2.9106	2.9500	2.3005	2.3530	2.9767	3.1224
Kr-75	2.2414	2.1151	2.4301	2.4023	2.0391	2.1152	2.5222	2.5520
Kr-76	3.4004	2.9274	3.8801	4.0663	2.7565	2.7521	3.8964	4.1733
Kr-77	2.3645	2.2460	2.5562	2.5137	2.1701	2.2533	2.6580	2.6848
Kr-79	1.6815	1.3278	2.0085	2.1997	1.2202	1.1562	1.9642	2.2160
Kr-81	1.1118	0.7537	1.4158	1.6515	0.6570	0.5532	1.3310	1.6222
Kr-81m	1.4325	1.3282	1.5749	1.5712	1.2578	1.2991	1.6192	1.6646
Kr-83m	0.4873	0.3239	0.6277	0.7387	0.2854	0.2379	0.5886	0.7231
Kr-85	0.0056	0.0055	0.0058	0.0055	0.0054	0.0058	0.0063	0.0059
Kr-85m	1.5428	1.4995	1.6448	1.5968	1.4485	1.5248	1.7235	1.6900
Kr-87	1.0753	1.0645	1.1205	1.0474	1.0458	1.1183	1.2099	1.1303
Kr-88	2.0084	1.9557	2.1074	2.0019	1.9026	2.0262	2.2610	2.1654
Kr-89	2.2934	2.2687	2.3868	2.2358	2.2286	2.3876	2.5750	2.4218
La-128	4.3837	4.3208	4.5906	4.3284	4.2264	4.5078	4.8939	4.6417
La-129	2.1574	2.0842	2.2887	2.2080	2.0095	2.1215	2.3829	2.3483
La-130	3.2329	3.1734	3.3836	3.2016	3.1005	3.3079	3.6103	3.4251
La-131	2.8987	2.7835	3.0778	2.9837	2.6769	2.8233	3.1982	3.1658
La-132	3.0564	2.9770	3.2068	3.0517	2.8961	3.0814	3.4081	3.2528
La-132m	2.9288	2.8089	3.1217	3.0302	2.7195	2.8661	3.2626	3.2185
La-133	1.5428	1.3752	1.7120	1.7575	1.2996	1.3350	1.7185	1.8045
La-134	0.5673	0.5302	0.6076	0.6008	0.5024	0.5275	0.6207	0.6256
La-135	1.2981	1.2004	1.3987	1.3962	1.1289	1.1801	1.4147	1.4458
La-136	0.8672	0.8037	0.9332	0.9298	0.7569	0.7922	0.9458	0.9641
La-137	1.2337	1.1374	1.3319	1.3328	1.0687	1.1159	1.3448	1.3786
La-138	1.9526	1.8817	2.0546	1.9737	1.8284	1.9454	2.1754	2.1027
La-140	2.8162	2.7872	2.9193	2.7337	2.7433	2.9420	3.1630	2.9586

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-141	0.0249	0.0247	0.0257	0.0239	0.0244	0.0262	0.0280	0.0260
La-142	1.9763	1.9579	2.0405	1.9017	1.9326	2.0800	2.2233	2.0662
La-143	0.2832	0.2806	0.2931	0.2736	0.2766	0.2974	0.3182	0.2963
Lu-165	4.2659	3.9720	4.6465	4.6829	3.8621	4.0342	4.8299	4.8856
Lu-167	4.7037	4.3549	5.1342	5.1709	4.2265	4.4107	5.3321	5.3816
Lu-169m	0.3875	0.2179	0.5432	0.6755	0.2107	0.1602	0.5019	0.6507
Lu-169	4.3491	4.0257	4.7490	4.8036	3.9193	4.0986	4.9451	4.9941
Lu-170	4.1035	3.8182	4.4510	4.4590	3.7337	3.9181	4.6740	4.6677
Lu-171m	0.4147	0.2365	0.5785	0.7173	0.2285	0.1760	0.5356	0.6918
Lu-171	4.3996	3.8401	4.9820	5.2629	3.7005	3.7618	5.0556	5.3559
Lu-172	5.6980	5.2871	6.2167	6.2484	5.1616	5.4019	6.4869	6.5319
Lu-172m	0.3484	0.1959	0.4884	0.6074	0.1894	0.1440	0.4512	0.5851
Lu-173	3.6902	3.3312	4.0995	4.2609	3.2243	3.3302	4.1970	4.3657
Lu-174	1.9438	1.6785	2.2186	2.3743	1.6234	1.6474	2.2443	2.4012
Lu-174m	2.4226	1.9382	2.8989	3.2274	1.8693	1.8224	2.8664	3.2262
Lu-176	3.7720	3.5234	4.1432	4.1437	3.4263	3.5651	4.2882	4.3799
Lu-176m	0.5176	0.4118	0.6229	0.6927	0.3992	0.3850	0.6135	0.7024
Lu-177	0.4357	0.4029	0.4819	0.4870	0.3911	0.4043	0.4966	0.5155
Lu-177m	8.4981	8.0098	9.2605	9.2213	7.7790	8.1148	9.6183	9.7207
Lu-178	0.4449	0.3846	0.5094	0.5387	0.3748	0.3777	0.5172	0.5570
Lu-178m	6.8298	6.4925	7.3832	7.2722	6.3287	6.6207	7.7013	7.7495
Lu-179	0.2218	0.2173	0.2374	0.2272	0.2110	0.2233	0.2491	0.2463
Lu-180	3.3107	3.1516	3.5600	3.4792	3.0848	3.2465	3.7541	3.6977
Lu-181	2.9168	2.6023	3.2804	3.3942	2.5327	2.5939	3.3612	3.5123
Mg-27	1.3201	1.3071	1.3686	1.2817	1.2877	1.3886	1.4815	1.3881
Mg-28	2.7819	2.7350	2.8856	2.7154	2.6378	2.8200	3.0580	2.8964
Mn-50m	4.3637	4.3213	4.5185	4.2234	4.2609	4.5837	4.8997	4.5734
Mn-51	0.0159	0.0118	0.0198	0.0225	0.0116	0.0109	0.0194	0.0225
Mn-52	4.1225	3.9884	4.3482	4.1596	3.9303	4.1925	4.6660	4.4601
Mn-52m	1.3082	1.2950	1.3518	1.2606	1.2787	1.3735	1.4726	1.3691
Mn-53	0.3128	0.1757	0.4387	0.5457	0.1699	0.1292	0.4053	0.5257
Mn-54	1.5965	1.4457	1.7697	1.7950	1.4211	1.4769	1.8449	1.8782
Mn-56	1.8320	1.8152	1.8941	1.7705	1.7901	1.9296	2.0593	1.9238
Mn-57	1.0005	0.7770	1.2140	1.3525	0.7343	0.6937	1.1863	1.3590
Mn-58m	2.9138	2.8860	3.0180	2.8227	2.8443	3.0560	3.2724	3.0562
Mo-101	2.4624	2.3816	2.6072	2.5011	2.3277	2.4685	2.7749	2.6772
Mo-102	0.1608	0.1589	0.1702	0.1619	0.1536	0.1626	0.1788	0.1747
Mo-89	0.3110	0.3028	0.3247	0.3090	0.2931	0.3120	0.3464	0.3293
Mo-90	4.3631	4.1175	4.6804	4.6258	3.8182	3.9306	4.7641	4.8187
Mo-91m	1.2965	1.2712	1.3486	1.2732	1.2403	1.3241	1.4463	1.3630

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-91	0.0863	0.0756	0.0943	0.0988	0.0643	0.0631	0.0919	0.0974
Mo-93	1.1428	0.9800	1.2619	1.3440	0.8088	0.7758	1.2058	1.3069
Mo-93m	3.7972	3.7140	3.9755	3.7724	3.5965	3.8173	4.2182	4.0284
Mo-99	0.4783	0.4671	0.5021	0.4806	0.4490	0.4757	0.5293	0.5125
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8793	0.8709	0.8981	0.8285	0.8691	0.9435	0.9953	0.9177
Na-22	1.3100	1.2986	1.3557	1.2630	1.2816	1.3750	1.4724	1.3669
Na-24	2.5495	2.5291	2.6229	2.4352	2.5023	2.6952	2.8792	2.6614
Nb-87	2.7840	2.6404	2.9953	2.9490	2.4653	2.5592	3.0749	3.1136
Nb-88m	4.8445	4.7852	5.0432	4.7274	4.6961	5.0332	5.4332	5.0913
Nb-88	6.4333	6.2530	6.7572	6.4497	6.0430	6.4091	7.1620	6.8707
Nb-89	0.7051	0.6551	0.7523	0.7474	0.6074	0.6287	0.7776	0.7734
Nb-89m	1.3840	1.3340	1.4607	1.4083	1.2772	1.3411	1.5403	1.4794
Nb-90	4.7789	4.5998	5.0342	4.8599	4.4025	4.6423	5.3195	5.1564
Nb-91	1.1675	0.9778	1.3074	1.4104	0.8041	0.7626	1.2453	1.3685
Nb-91m	1.0064	0.8655	1.1110	1.1805	0.7203	0.6939	1.0658	1.1519
Nb-92	3.7398	3.5295	3.9766	3.9039	3.3200	3.4668	4.1324	4.0594
Nb-92m	2.5315	2.3279	2.7219	2.7334	2.1336	2.1976	2.7771	2.8012
Nb-93m	0.2256	0.1871	0.2556	0.2776	0.1561	0.1474	0.2432	0.2696
Nb-94m	0.7887	0.6748	0.8728	0.9308	0.5588	0.5359	0.8346	0.9058
Nb-94	2.5436	2.5160	2.6381	2.4738	2.4779	2.6658	2.8482	2.6710
Nb-95	1.2629	1.2489	1.3095	1.2302	1.2299	1.3225	1.4137	1.3293
Nb-95m	1.1627	1.0514	1.2680	1.2978	0.9256	0.9262	1.2501	1.3072
Nb-96	4.1178	4.0751	4.2789	4.0114	4.0080	4.2993	4.6155	4.3263
Nb-97	1.2730	1.2580	1.3217	1.2392	1.2383	1.3276	1.4210	1.3304
Nb-98m	4.0245	3.9807	4.1732	3.9147	3.9175	4.2086	4.5088	4.2302
Nb-99	2.8890	2.7737	3.0647	3.0022	2.6151	2.7133	3.1603	3.1928
Nb-99m	0.9737	0.9521	1.0173	0.9670	0.9224	0.9789	1.0838	1.0397
Nd-134	3.1097	2.9980	3.3061	3.2130	2.8938	3.0637	3.4451	3.4224
Nd-135	3.5201	3.3638	3.7649	3.6662	3.2530	3.4359	3.9260	3.9210
Nd-136	3.0361	2.8449	3.2580	3.2304	2.7341	2.8728	3.3562	3.4422
Nd-137	3.1984	3.0599	3.3882	3.2898	2.9586	3.1342	3.5381	3.5176
Nd-138	1.3491	1.2480	1.4525	1.4514	1.1878	1.2478	1.4812	1.5311
Nd-139	1.2733	1.1946	1.3614	1.3431	1.1450	1.2080	1.4042	1.4227
Nd-139m	4.6770	4.5088	4.9317	4.7554	4.3808	4.6579	5.1934	5.1083
Nd-140	1.2456	1.1464	1.3438	1.3479	1.0893	1.1429	1.3669	1.4197
Nd-141	1.2657	1.1683	1.3633	1.3642	1.1110	1.1669	1.3890	1.4382
Nd-141m	1.2612	1.2398	1.3125	1.2404	1.2181	1.3073	1.4098	1.3369
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.4500	1.3791	1.5423	1.5125	1.3360	1.4083	1.6015	1.6358

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-149	2.4100	2.3447	2.5580	2.4588	2.2784	2.4117	2.6825	2.6536
Nd-151	2.7309	2.6777	2.8712	2.7355	2.6155	2.7781	3.0416	2.9642
Nd-152	1.0863	1.0236	1.1843	1.1702	0.9830	1.0212	1.2144	1.2270
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0003	0.0003
Ne-24	1.3953	1.3813	1.4569	1.3668	1.3542	1.4419	1.5669	1.4641
Ni-56	5.0394	4.7604	5.4690	5.4043	4.6566	4.8843	5.7310	5.6840
Ni-57	1.8827	1.7341	2.0625	2.0597	1.7060	1.7753	2.1679	2.1755
Ni-59	0.5423	0.3046	0.7606	0.9462	0.2947	0.2239	0.7027	0.9114
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5977	0.5925	0.6184	0.5765	0.5843	0.6282	0.6720	0.6253
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.5710	5.0655	6.1163	6.2071	4.7836	4.8907	6.2430	6.4855
Np-233	2.1897	1.9291	2.4474	2.5495	1.7963	1.7933	2.4517	2.6629
Np-234	3.4351	3.0587	3.8063	3.9164	2.8678	2.8986	3.8619	4.0768
Np-235	0.9247	0.6835	1.1278	1.2837	0.5900	0.5249	1.0655	1.2551
Np-236	5.0150	4.2291	5.7348	6.1337	3.8273	3.7232	5.6340	6.2181
Np-236m	1.2606	1.0943	1.4193	1.4918	1.0103	1.0000	1.4126	1.5455
Np-237	1.9157	1.5590	2.2251	2.4178	1.3870	1.3218	2.1543	2.4247
Np-238	1.5996	1.4188	1.7727	1.8211	1.3172	1.3359	1.7959	1.8664
Np-239	3.2781	2.8892	3.6777	3.8282	2.6932	2.6914	3.6817	3.9682
Np-240	4.7813	4.2721	5.2920	5.4291	3.9737	4.0200	5.3514	5.5870
Np-240m	1.3380	1.1760	1.4921	1.5450	1.0847	1.0869	1.4991	1.5726
Np-241	0.8409	0.7430	0.9387	0.9760	0.6888	0.6883	0.9401	1.0124
Np-242	0.4253	0.3962	0.4576	0.4527	0.3783	0.3942	0.4773	0.4745
Np-242m	4.1802	3.6836	4.6603	4.8304	3.3967	3.4112	4.6774	4.9325
O-14	1.2535	1.2451	1.2865	1.1919	1.2322	1.3301	1.4209	1.3110
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2761	2.2629	2.3903	2.2445	2.2097	2.3625	2.5544	2.4579
Os-180	2.6536	2.1910	3.1207	3.4110	2.0845	2.0332	3.0938	3.4455
Os-181	5.3344	4.8702	5.9171	6.0357	4.7258	4.8647	6.0967	6.3027
Os-182	3.7093	3.2798	4.2068	4.3989	3.1716	3.2127	4.2832	4.5321
Os-183	5.2125	4.7208	5.8110	5.9845	4.5672	4.6721	5.9630	6.2116
Os-183m	2.9696	2.6889	3.2985	3.3833	2.6118	2.6882	3.4068	3.5180
Os-185	2.8820	2.6119	3.1983	3.2806	2.5366	2.6082	3.2963	3.4029
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.5100	0.2900	0.7113	0.8819	0.2785	0.2131	0.6578	0.8503
Os-190m	6.0130	5.6243	6.5651	6.5158	5.4877	5.7180	6.8560	6.8489
Os-191	2.4647	2.0168	2.9228	3.1982	1.9334	1.8751	2.8965	3.2577
Os-191m	0.6711	0.4382	0.8882	1.0636	0.4196	0.3572	0.8390	1.0397
Os-193	0.7141	0.6142	0.8228	0.8731	0.5922	0.5902	0.8285	0.8990

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Os-194	0.5327	0.3428	0.7056	0.8456	0.3249	0.2751	0.6640	0.8262
Os-196	0.6743	0.6194	0.7461	0.7572	0.5992	0.6149	0.7673	0.7951
P-30	0.0010	0.0010	0.0010	0.0010	0.0009	0.0010	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9603	0.7884	1.1160	1.2118	0.7162	0.6878	1.0914	1.2272
Pa-228	6.0227	5.3361	6.7154	6.9273	5.0115	5.0601	6.7978	7.1867
Pa-229	1.9953	1.7068	2.2688	2.4034	1.5802	1.5539	2.2496	2.4908
Pa-230	3.5198	3.1009	3.9334	4.0753	2.9024	2.9189	3.9678	4.2281
Pa-231	1.7733	1.3544	2.1369	2.3945	1.2012	1.1048	2.0437	2.3641
Pa-232	3.0145	2.7240	3.3164	3.3681	2.5625	2.6210	3.3911	3.4825
Pa-233	2.7207	2.3743	3.0623	3.2015	2.2030	2.1954	3.0602	3.2922
Pa-234	5.9052	5.3276	6.5105	6.6341	5.0077	5.1015	6.6299	6.8924
Pa-234m	0.0473	0.0428	0.0520	0.0528	0.0404	0.0414	0.0532	0.0551
Pa-235	0.1835	0.1034	0.2570	0.3194	0.0998	0.0760	0.2375	0.3077
Pa-236	2.0944	1.8960	2.2961	2.3251	1.7893	1.8324	2.3542	2.4106
Pa-237	1.2501	1.1796	1.3460	1.3205	1.1547	1.2149	1.4211	1.3967
Pb-194	4.4277	4.0301	4.9018	4.9730	3.8954	3.9917	5.0312	5.2582
Pb-195m	6.1565	5.5744	6.8322	6.9349	5.3848	5.5182	7.0239	7.2667
Pb-196	4.0706	3.6696	4.5488	4.6540	3.5343	3.5908	4.6262	4.9019
Pb-197	4.0679	3.7585	4.4505	4.4541	3.6484	3.7732	4.6152	4.7204
Pb-197m	5.4201	4.9088	6.0233	6.1190	4.7371	4.8462	6.1756	6.4295
Pb-198	3.9401	3.5426	4.4081	4.5221	3.4112	3.4655	4.4808	4.7509
Pb-199	3.5166	3.2112	3.8795	3.9237	3.1089	3.1934	3.9940	4.1452
Pb-200	3.7288	3.2581	4.2440	4.4459	3.1196	3.1198	4.2654	4.6386
Pb-201	3.9820	3.6402	4.3954	4.4502	3.5216	3.6170	4.5148	4.6932
Pb-201m	1.4687	1.3361	1.6194	1.6378	1.2925	1.3267	1.6638	1.7260
Pb-202	0.5305	0.3141	0.7260	0.8894	0.2947	0.2306	0.6736	0.8607
Pb-202m	4.4504	4.2718	4.7372	4.5706	4.1714	4.4101	5.0218	4.8727
Pb-203	3.3512	3.0160	3.7546	3.8487	2.9027	2.9440	3.8036	4.0474
Pb-204m	3.9758	3.8955	4.1693	3.9488	3.8217	4.0853	4.4671	4.2478
Pb-205	0.5369	0.3179	0.7348	0.9002	0.2983	0.2334	0.6818	0.8711
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.6676	0.4571	0.8514	0.9957	0.4114	0.3554	0.8043	0.9761
Pb-211	0.1672	0.1612	0.1778	0.1711	0.1573	0.1662	0.1883	0.1828
Pb-212	1.5868	1.4558	1.7598	1.7720	1.3986	1.4285	1.7878	1.8858
Pb-214	1.6488	1.5199	1.8144	1.8204	1.4656	1.5085	1.8627	1.9201
Pd-100	3.9886	3.7806	4.2075	4.1350	3.4385	3.5077	4.2293	4.3615
Pd-101	2.9356	2.7394	3.1125	3.0852	2.4228	2.4473	3.0989	3.1486
Pd-103	1.2122	1.1076	1.2911	1.3020	0.9419	0.9292	1.2568	1.3080

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.3437	1.3018	1.4241	1.3745	1.2187	1.2744	1.4688	1.4579
Pd-109	0.6626	0.6051	0.7115	0.7152	0.5341	0.5357	0.6995	0.7268
Pd-111	0.1029	0.1012	0.1072	0.1014	0.0981	0.1042	0.1140	0.1086
Pd-112	0.4999	0.4348	0.5496	0.5775	0.3651	0.3518	0.5283	0.5693
Pd-114	0.2098	0.2071	0.2217	0.2100	0.2002	0.2111	0.2324	0.2276
Pd-96	3.6137	3.5043	3.7895	3.6354	3.3244	3.4826	3.9596	3.8700
Pd-97	2.9707	2.9112	3.1117	2.9474	2.8023	2.9660	3.2883	3.1489
Pd-98	3.3217	3.1745	3.4992	3.4190	2.9295	3.0186	3.5738	3.6066
Pd-99	2.9903	2.9035	3.1463	3.0231	2.7499	2.8759	3.2751	3.2098
Pm-136	4.0841	4.0280	4.2642	4.0174	3.9513	4.2261	4.5688	4.3154
Pm-137m	5.0402	4.8996	5.3306	5.1207	4.7628	5.0503	5.6054	5.5093
Pm-139	0.9343	0.8929	0.9913	0.9624	0.8647	0.9161	1.0380	1.0273
Pm-140m	4.5214	4.4410	4.7230	4.4585	4.3541	4.6640	5.0642	4.7987
Pm-140	0.3532	0.3396	0.3726	0.3597	0.3302	0.3515	0.3931	0.3847
Pm-141	0.8726	0.8192	0.9320	0.9193	0.7883	0.8336	0.9657	0.9783
Pm-142	0.3534	0.3290	0.3787	0.3762	0.3156	0.3330	0.3902	0.3994
Pm-143	1.7434	1.6355	1.8624	1.8393	1.5747	1.6650	1.9281	1.9542
Pm-144	4.3984	4.2591	4.6239	4.4301	4.1540	4.4238	4.8952	4.7317
Pm-145	1.3001	1.1884	1.4106	1.4247	1.1340	1.1870	1.4355	1.5032
Pm-146	2.4383	2.3526	2.5727	2.4755	2.2885	2.4320	2.7164	2.6434
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7609	0.7535	0.7886	0.7374	0.7421	0.7961	0.8542	0.7964
Pm-148m	4.3680	4.3069	4.5555	4.2879	4.2297	4.5208	4.8854	4.6020
Pm-149	0.0573	0.0551	0.0616	0.0597	0.0537	0.0564	0.0642	0.0634
Pm-150	2.4371	2.4103	2.5382	2.3858	2.3683	2.5364	2.7296	2.5697
Pm-151	1.9143	1.8516	2.0331	1.9677	1.7998	1.9057	2.1328	2.1077
Pm-152m	4.2837	4.1881	4.5268	4.3139	4.0904	4.3407	4.7820	4.6584
Pm-152	0.7976	0.7722	0.8427	0.8106	0.7548	0.8006	0.8916	0.8770
Pm-153	1.2767	1.2010	1.3780	1.3644	1.1601	1.2109	1.4222	1.4597
Pm-154	2.3785	2.2983	2.5066	2.4041	2.2554	2.4037	2.6746	2.5977
Pm-154m	4.0721	3.9542	4.3040	4.1306	3.8643	4.1044	4.5591	4.4528
Po-203	4.5999	4.2119	5.0537	5.0807	4.0645	4.1884	5.2100	5.3962
Po-204	6.8445	5.9962	7.7483	8.0568	5.7434	5.7739	7.8235	8.4289
Po-205	4.3716	4.0140	4.7894	4.8060	3.8830	4.0093	4.9471	5.1119
Po-206	5.4780	4.8447	6.1548	6.3475	4.6401	4.6937	6.2509	6.6379
Po-207	3.9702	3.6495	4.3483	4.3586	3.5304	3.6466	4.4903	4.6358

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0551	0.0414	0.0684	0.0773	0.0400	0.0374	0.0664	0.0777
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0149	0.0147	0.0155	0.0146	0.0144	0.0154	0.0167	0.0157
Po-212m	0.0589	0.0582	0.0608	0.0568	0.0575	0.0617	0.0664	0.0618
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0006	0.0005	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.7590	5.6698	6.0290	5.6886	5.5479	5.9245	6.4373	6.1090
Pr-134m	2.6421	2.5988	2.7629	2.6021	2.5435	2.7153	2.9610	2.7965
Pr-135	2.3598	2.2554	2.5094	2.4410	2.1713	2.2931	2.6011	2.6057
Pr-136	3.0041	2.9369	3.1425	2.9801	2.8689	3.0585	3.3555	3.1895
Pr-137	1.1062	1.0312	1.1859	1.1763	0.9816	1.0328	1.2139	1.2379
Pr-138	0.3727	0.3477	0.3991	0.3955	0.3313	0.3489	0.4091	0.4167
Pr-138m	5.1614	5.0331	5.4165	5.1627	4.9090	5.2446	5.7495	5.5326
Pr-139	1.1840	1.0943	1.2744	1.2729	1.0368	1.0878	1.2954	1.3359
Pr-140	0.6314	0.5835	0.6795	0.6788	0.5528	0.5801	0.6907	0.7124
Pr-142	0.0479	0.0475	0.0493	0.0459	0.0470	0.0506	0.0539	0.0500
Pr-142m	0.0246	0.0138	0.0345	0.0429	0.0134	0.0102	0.0319	0.0414
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0297	0.0294	0.0307	0.0287	0.0290	0.0312	0.0333	0.0311
Pr-144m	0.5858	0.5055	0.6625	0.6963	0.4814	0.4903	0.6617	0.7186
Pr-145	0.0458	0.0444	0.0481	0.0461	0.0433	0.0462	0.0509	0.0496
Pr-146	1.4170	1.4029	1.4722	1.3774	1.3796	1.4767	1.5919	1.4860
Pr-147	2.9013	2.7535	3.0903	3.0284	2.6620	2.8113	3.2106	3.2362
Pr-148	1.8416	1.8214	1.9239	1.8114	1.7866	1.9099	2.0578	1.9493
Pr-148m	2.7318	2.6997	2.8629	2.7017	2.6430	2.8169	3.0487	2.8964
Pt-184	7.6601	6.7373	8.7115	9.1369	6.4945	6.5425	8.8268	9.4561
Pt-186	3.7861	3.3864	4.2457	4.3948	3.2745	3.3331	4.3394	4.5660
Pt-187	4.7606	4.1948	5.4003	5.6577	4.0436	4.0761	5.4775	5.8685
Pt-188	3.4028	2.9445	3.9116	4.1499	2.8292	2.8265	3.9404	4.2798
Pt-189	4.4709	3.8881	5.1099	5.4010	3.7441	3.7496	5.1604	5.5768
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.0444	3.5110	4.6285	4.9048	3.3753	3.3721	4.6676	5.0585
Pt-193	0.5585	0.3266	0.7688	0.9454	0.3086	0.2399	0.7126	0.9138
Pt-193m	0.8894	0.6090	1.1512	1.3554	0.5795	0.5077	1.0950	1.3366
Pt-195m	3.0300	2.3626	3.6810	4.1214	2.2546	2.1322	3.5970	4.1644

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pt-197	0.8505	0.6571	1.0373	1.1589	0.6261	0.5887	1.0085	1.1787
Pt-197m	2.0239	1.5714	2.4634	2.7589	1.4954	1.4118	2.4059	2.7777
Pt-199	0.7605	0.7144	0.8270	0.8177	0.6954	0.7244	0.8630	0.8640
Pt-200	1.4059	1.1579	1.6585	1.8008	1.1084	1.0788	1.6407	1.8483
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.6319	1.4410	1.8208	1.8950	1.3398	1.3382	1.8244	1.9772
Pu-234	1.8817	1.6457	2.1107	2.2098	1.5240	1.5144	2.1068	2.2950
Pu-235	2.5597	2.2174	2.8851	3.0381	2.0438	2.0214	2.8690	3.1370
Pu-236	0.2883	0.2201	0.3447	0.3869	0.1878	0.1698	0.3265	0.3787
Pu-237	1.8564	1.5661	2.1228	2.2708	1.4270	1.3894	2.0896	2.3166
Pu-238	0.2662	0.2031	0.3184	0.3575	0.1732	0.1565	0.3016	0.3499
Pu-239	0.1488	0.1063	0.1853	0.2141	0.0931	0.0814	0.1744	0.2087
Pu-240	0.2504	0.1910	0.2994	0.3362	0.1630	0.1473	0.2836	0.3290
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.2147	0.1638	0.2568	0.2883	0.1398	0.1263	0.2432	0.2821
Pu-243	0.6971	0.6204	0.7741	0.7988	0.5789	0.5795	0.7724	0.8396
Pu-244	0.2062	0.1637	0.2422	0.2666	0.1433	0.1341	0.2332	0.2637
Pu-245	1.7688	1.6694	1.9006	1.8742	1.5985	1.6634	1.9729	1.9814
Pu-246	2.7542	2.4907	3.0340	3.1010	2.3233	2.3614	3.0614	3.2292
Ra-219	1.1528	1.0771	1.2527	1.2468	1.0389	1.0762	1.2924	1.3231
Ra-220	0.0137	0.0135	0.0144	0.0136	0.0132	0.0140	0.0154	0.0146
Ra-221	1.0200	0.8378	1.1936	1.2926	0.7757	0.7496	1.1736	1.3145
Ra-222	0.0438	0.0426	0.0465	0.0447	0.0415	0.0439	0.0489	0.0476
Ra-223	2.0208	1.7832	2.2788	2.3637	1.7003	1.7071	2.2915	2.4822
Ra-224	0.0762	0.0730	0.0828	0.0804	0.0703	0.0732	0.0852	0.0859
Ra-225	0.7733	0.6660	0.8655	0.9082	0.6125	0.6173	0.8598	0.9389
Ra-226	1.4042	1.3910	1.4596	1.3156	1.3705	1.4626	1.5740	1.4678
Ra-227	2.1365	1.7688	2.4759	2.6618	1.6154	1.5667	2.4276	2.6840
Ra-228	1.4761	1.5365	1.5436	1.4094	1.4392	1.5363	1.6781	1.5476
Ra-230	1.0255	0.9071	1.1518	1.1958	0.8568	0.8607	1.1604	1.2470
Rb-77	2.2999	2.2247	2.4377	2.3679	2.1387	2.2472	2.5602	2.5264
Rb-78m	3.3365	3.2900	3.4744	3.2651	3.2309	3.4530	3.7448	3.5209
Rb-78	2.5713	2.5126	2.6861	2.5366	2.4641	2.6277	2.9003	2.7326
Rb-79	2.8147	2.6245	3.0595	3.0364	2.5060	2.5957	3.1702	3.1916
Rb-80	0.3869	0.3774	0.4055	0.3846	0.3695	0.3933	0.4328	0.4102
Rb-81	1.4069	1.1660	1.6222	1.7248	1.0600	1.0288	1.6105	1.7523
Rb-81m	0.9898	0.7720	1.1626	1.2759	0.6557	0.6017	1.1157	1.2776
Rb-82	0.2586	0.2416	0.2781	0.2739	0.2326	0.2435	0.2918	0.2894
Rb-82m	5.1809	4.8830	5.5478	5.4182	4.7146	4.9473	5.8409	5.7325
Rb-83	2.3447	1.9976	2.6660	2.7926	1.8460	1.8240	2.6793	2.8539

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-84	1.7145	1.4827	1.9281	1.9994	1.3794	1.3861	1.9542	2.0620
Rb-84m	2.1734	2.0684	2.3525	2.2880	1.9717	2.0492	2.4290	2.4271
Rb-86m	1.2729	1.2545	1.3282	1.2503	1.2296	1.3095	1.4257	1.3365
Rb-86	0.1170	0.1159	0.1212	0.1130	0.1143	0.1232	0.1315	0.1225
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.5204	0.5163	0.5366	0.4994	0.5097	0.5498	0.5864	0.5446
Rb-89	2.2358	2.2161	2.3132	2.1553	2.1863	2.3551	2.5156	2.3393
Rb-90	1.1825	1.1717	1.2193	1.1361	1.1586	1.2502	1.3316	1.2387
Rb-90m	2.7195	2.6884	2.8125	2.6308	2.6510	2.8538	3.0595	2.8581
Re-178	3.8344	3.4782	4.2700	4.3720	3.3812	3.4747	4.3952	4.5655
Re-179	4.6456	4.2730	5.1248	5.1951	4.1511	4.2890	5.3017	5.4163
Re-180	4.0301	3.6170	4.5013	4.6517	3.5173	3.6109	4.6325	4.8336
Re-181	4.7375	4.2657	5.2947	5.4652	4.1366	4.2376	5.4353	5.6508
Re-182	9.1910	8.3990	10.1999	10.4154	8.1473	8.3864	10.4964	10.8687
Re-182m	4.8048	4.3481	5.3426	5.5038	4.2170	4.3264	5.4963	5.7267
Re-183	3.9313	3.3312	4.5685	4.9325	3.2108	3.1942	4.5811	5.0127
Re-184	3.6065	3.2513	4.0176	4.1425	3.1590	3.2466	4.1369	4.3036
Re-184m	3.5253	3.0303	4.0676	4.3333	2.9318	2.9340	4.1009	4.4465
Re-186	0.4279	0.3753	0.4878	0.5138	0.3624	0.3646	0.4941	0.5301
Re-186m	1.7645	1.1616	2.3249	2.7768	1.1140	0.9593	2.2006	2.7154
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4624	0.4269	0.5111	0.5191	0.4140	0.4276	0.5275	0.5394
Re-188m	2.5234	2.0375	3.0154	3.3397	1.9595	1.8943	2.9819	3.3765
Re-189	0.5411	0.4834	0.6137	0.6337	0.4674	0.4750	0.6237	0.6601
Re-190	4.2264	4.1218	4.4819	4.2872	4.0272	4.2694	4.7536	4.5894
Re-190m	3.9031	3.6449	4.2646	4.2542	3.5500	3.6920	4.4427	4.4728
Rh-100m	1.8127	1.6687	1.9302	1.9363	1.4527	1.4513	1.8986	1.9668
Rh-100	4.2262	4.0820	4.4223	4.2416	3.8712	4.0685	4.6532	4.4786
Rh-101	3.8224	3.6681	4.0571	3.9470	3.4116	3.5335	4.1635	4.1794
Rh-101m	2.4355	2.3037	2.5865	2.5466	2.1057	2.1631	2.6221	2.6280
Rh-102	1.5653	1.4815	1.6563	1.6221	1.3589	1.3982	1.6943	1.6755
Rh-102m	5.2907	5.1269	5.5441	5.3062	4.8875	5.1488	5.8306	5.5997
Rh-103m	0.1664	0.1392	0.1897	0.2034	0.1209	0.1148	0.1821	0.2017
Rh-104	0.0327	0.0319	0.0343	0.0326	0.0306	0.0323	0.0362	0.0345
Rh-104m	1.9472	1.8347	2.0497	2.0414	1.6530	1.6999	2.0659	2.0799
Rh-105	0.3499	0.3458	0.3670	0.3484	0.3374	0.3592	0.3889	0.3720
Rh-106	0.4403	0.4356	0.4583	0.4299	0.4276	0.4564	0.4933	0.4606
Rh-106m	4.8830	4.8336	5.0779	4.7572	4.7502	5.0859	5.4759	5.1247
Rh-107	1.3554	1.3405	1.4248	1.3484	1.3077	1.3902	1.5074	1.4424
Rh-108	0.8418	0.8326	0.8796	0.8249	0.8159	0.8692	0.9436	0.8832

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-109	1.5978	1.5704	1.6817	1.6013	1.5158	1.6033	1.7671	1.7091
Rh-94	3.1332	3.1023	3.2447	3.0336	3.0546	3.2798	3.5163	3.2861
Rh-95	2.3449	2.2924	2.4408	2.3107	2.2158	2.3610	2.6064	2.4729
Rh-95m	1.3642	1.3392	1.4221	1.3439	1.2996	1.3793	1.5185	1.4325
Rh-96	5.2149	5.1258	5.4204	5.1122	5.0013	5.3459	5.8084	5.4816
Rh-96m	1.5708	1.5103	1.6448	1.5843	1.4220	1.4922	1.7196	1.6705
Rh-97	2.1298	2.0629	2.2376	2.1425	1.9611	2.0609	2.3492	2.2606
Rh-97m	3.5477	3.4292	3.7274	3.5827	3.2399	3.4028	3.9029	3.7952
Rh-98	1.5532	1.5251	1.6154	1.5239	1.4865	1.5860	1.7265	1.6286
Rh-99	3.5284	3.3373	3.7371	3.6747	3.0594	3.1410	3.8006	3.8251
Rh-99m	2.6741	2.5427	2.8285	2.7654	2.3491	2.4290	2.8971	2.8693
Rn-207	3.4035	3.1657	3.7016	3.6798	3.0605	3.1702	3.8301	3.9123
Rn-209	3.8160	3.5401	4.1561	4.1356	3.4213	3.5392	4.3009	4.3999
Rn-210	0.2922	0.2626	0.3250	0.3315	0.2516	0.2561	0.3314	0.3487
Rn-211	4.6659	4.3477	5.0589	5.0102	4.2098	4.3777	5.2640	5.3225
Rn-212	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0016	0.0017	0.0016	0.0016	0.0017	0.0018	0.0017
Rn-219	0.2998	0.2891	0.3221	0.3107	0.2805	0.2939	0.3355	0.3315
Rn-220	1.5683	1.6076	1.6387	1.5165	1.5217	1.6264	1.7678	1.7217
Rn-222	0.0010	0.0010	0.0011	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	2.1080	1.7942	2.4176	2.5600	1.6912	1.6751	2.4178	2.6284
Ru-103	1.2863	1.2721	1.3419	1.2613	1.2450	1.3236	1.4423	1.3481
Ru-105	1.9479	1.9102	2.0370	1.9321	1.8492	1.9622	2.1602	2.0615
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7788	0.7704	0.8147	0.7666	0.7521	0.8032	0.8710	0.8279
Ru-108	0.7727	0.7537	0.8183	0.7930	0.7182	0.7545	0.8520	0.8372
Ru-92	7.6325	7.3353	8.1007	7.8744	6.8685	7.1541	8.3382	8.2833
Ru-94	2.5819	2.4303	2.7459	2.7082	2.2282	2.2937	2.8001	2.7908
Ru-95	3.1863	3.0459	3.3647	3.2726	2.8559	2.9806	3.4864	3.4161
Ru-97	2.7349	2.5859	2.9274	2.8836	2.3645	2.4310	2.9655	3.0040
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1647	1.1552	1.1924	1.1029	1.1471	1.2398	1.3193	1.2111
S-38	1.1072	1.1002	1.1384	1.0555	1.0869	1.1728	1.2511	1.1555
Sb-111	2.4695	2.4253	2.5936	2.4746	2.3441	2.4864	2.7376	2.6247
Sb-113	1.9014	1.8530	1.9927	1.8954	1.7815	1.8822	2.0995	2.0062
Sb-114	2.2861	2.2494	2.3736	2.2287	2.1978	2.3506	2.5503	2.3957
Sb-115	2.1387	2.0666	2.2468	2.1493	1.9648	2.0651	2.3446	2.2550

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-116	2.2653	2.2092	2.3590	2.2303	2.1335	2.2708	2.5069	2.3787
Sb-116m	6.5060	6.3431	6.8046	6.4640	6.1150	6.4860	7.1843	6.8963
Sb-117	2.7718	2.6651	2.9341	2.8508	2.5006	2.6200	3.0075	2.9568
Sb-118	0.3798	0.3560	0.4021	0.3930	0.3252	0.3366	0.4040	0.4033
Sb-118m	6.6339	6.4468	6.9634	6.6227	6.1606	6.5211	7.2648	7.0280
Sb-119	1.5341	1.4024	1.6494	1.6461	1.2605	1.2841	1.6279	1.6682
Sb-120	0.7463	0.6944	0.7925	0.7789	0.6273	0.6456	0.7880	0.7941
Sb-120m	6.8810	6.7217	7.2136	6.8564	6.4758	6.8690	7.5849	7.3963
Sb-122m	2.4531	2.3231	2.6085	2.5795	2.1710	2.2539	2.6563	2.6845
Sb-122	1.0054	0.9925	1.0470	0.9837	0.9726	1.0374	1.1233	1.0519
Sb-124	2.4159	2.3913	2.5022	2.3390	2.3556	2.5271	2.7071	2.5236
Sb-124m	1.0283	0.9879	1.0943	1.0555	0.9701	1.0250	1.1621	1.1179
Sb-124n	0.0858	0.0482	0.1204	0.1497	0.0467	0.0355	0.1112	0.1442
Sb-125	2.0312	1.9593	2.1395	2.0529	1.8679	1.9704	2.2260	2.1581
Sb-126	5.5621	5.4990	5.7874	5.4290	5.4054	5.7892	6.2204	5.8348
Sb-126m	3.3614	3.3179	3.5055	3.2924	3.2596	3.4848	3.7626	3.5319
Sb-127	1.6201	1.5993	1.6913	1.5917	1.5651	1.6701	1.8079	1.7060
Sb-128	6.1666	6.0969	6.4146	6.0313	5.9913	6.4191	6.8916	6.4866
Sb-128m	4.0098	3.9627	4.1754	3.9364	3.8916	4.1701	4.4782	4.2338
Sb-129	2.1542	2.1326	2.2355	2.0943	2.0987	2.2556	2.4158	2.2638
Sb-130m	4.6948	4.6437	4.8844	4.5920	4.5586	4.8970	5.2581	4.9621
Sb-130	6.8037	6.7281	7.0974	6.6881	6.5926	7.0620	7.6083	7.2076
Sb-131	2.7201	2.6927	2.8213	2.6390	2.6507	2.8502	3.0507	2.8540
Sb-133	2.8511	2.8256	2.9505	2.7528	2.7861	2.9978	3.2057	2.9863
Sc-42m	3.9271	3.8914	4.0742	3.8024	3.8318	4.1049	4.4149	4.1095
Sc-43	0.3219	0.3107	0.3441	0.3314	0.3040	0.3206	0.3636	0.3513
Sc-44	1.3553	1.3395	1.4069	1.3150	1.3211	1.4202	1.5250	1.4221
Sc-44m	1.3009	1.2825	1.3869	1.3148	1.2498	1.3199	1.4485	1.4091
Sc-46	2.6542	2.6292	2.7506	2.5696	2.5917	2.7939	2.9816	2.7831
Sc-47	1.1078	1.1006	1.1686	1.1207	1.0705	1.1398	1.2361	1.1852
Sc-48	4.1526	4.1159	4.3038	4.0148	4.0571	4.3725	4.6681	4.3495
Sc-49	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.7990	3.7651	3.9333	3.6709	3.7098	3.9822	4.2705	3.9717
Se-70	3.3780	2.6293	4.1058	4.5777	2.5187	2.4084	4.0310	4.5791
Se-71	1.5813	1.5403	1.6755	1.6111	1.5069	1.5982	1.7789	1.7215
Se-72	2.4266	1.7674	3.0309	3.4870	1.6771	1.5528	2.9230	3.4505
Se-73	2.9825	2.7221	3.3062	3.3688	2.6316	2.6982	3.3991	3.5157
Se-73m	0.4952	0.3858	0.6009	0.6671	0.3659	0.3468	0.5881	0.6722
Se-75	3.9333	3.4048	4.5401	4.7677	3.2907	3.2891	4.5668	4.9240
Se-77m	1.3709	1.1793	1.5819	1.6761	1.1242	1.1235	1.5900	1.7082

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-79m	1.0437	0.7140	1.3383	1.5654	0.6556	0.5670	1.2679	1.5477
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0262	0.0259	0.0276	0.0261	0.0254	0.0270	0.0292	0.0280
Se-81m	1.1027	0.7725	1.3998	1.6244	0.7128	0.6275	1.3335	1.6128
Se-83m	1.3280	1.3152	1.3786	1.2890	1.2947	1.3928	1.4912	1.3937
Se-83	4.4645	4.4208	4.6559	4.3673	4.3399	4.6425	5.0063	4.7133
Se-84	1.3503	1.3360	1.4164	1.3273	1.3081	1.3915	1.5165	1.4214
Si-31	0.0009	0.0009	0.0010	0.0009	0.0009	0.0010	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4074	2.3440	2.5443	2.4350	2.2847	2.4273	2.6820	2.6079
Sm-140	1.9805	1.8724	2.1173	2.0812	1.8096	1.9119	2.1992	2.2250
Sm-141	2.1914	2.1243	2.3101	2.2101	2.0711	2.2024	2.4499	2.3670
Sm-141m	4.5245	4.4018	4.7719	4.5642	4.2878	4.5716	5.0562	4.9253
Sm-142	1.1968	1.0981	1.2937	1.3035	1.0511	1.1047	1.3218	1.3821
Sm-143	0.7585	0.6997	0.8176	0.8197	0.6712	0.7068	0.8386	0.8704
Sm-143m	1.2648	1.2413	1.3177	1.2475	1.2198	1.3086	1.4144	1.3446
Sm-145	2.4653	2.2758	2.6567	2.6706	2.1779	2.2905	2.7205	2.8314
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0026	0.0016	0.0034	0.0041	0.0015	0.0013	0.0032	0.0040
Sm-153	1.6190	1.5196	1.7359	1.7323	1.4709	1.5469	1.7960	1.8599
Sm-155	1.5985	1.5566	1.6845	1.6335	1.5183	1.6002	1.7677	1.7984
Sm-156	1.5202	1.4113	1.6694	1.6761	1.3675	1.4168	1.7148	1.7869
Sm-157	2.2200	2.1740	2.3516	2.2470	2.1131	2.2485	2.4827	2.4394
Sn-106	3.8959	3.7809	4.0990	3.9149	3.5972	3.7863	4.2656	4.1387
Sn-108	3.9184	3.7940	4.1340	3.9626	3.5955	3.7734	4.2784	4.1762
Sn-109	3.4174	3.3152	3.5681	3.3939	3.1675	3.3548	3.7564	3.5971
Sn-110	2.5976	2.4971	2.7524	2.6541	2.3381	2.4387	2.8086	2.7731
Sn-111	1.0358	0.9719	1.0945	1.0701	0.8821	0.9099	1.0995	1.0983
Sn-113	1.2392	1.1509	1.3155	1.2969	1.0270	1.0491	1.3011	1.3182
Sn-113m	0.8644	0.7939	0.9266	0.9211	0.7152	0.7308	0.9162	0.9355
Sn-117m	2.5663	2.4694	2.7219	2.6482	2.3272	2.4400	2.7972	2.7498
Sn-119m	1.0379	0.9307	1.1322	1.1476	0.8364	0.8437	1.1119	1.1579
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3296	0.2897	0.3662	0.3776	0.2655	0.2677	0.3607	0.3821
Sn-123	0.0086	0.0085	0.0089	0.0083	0.0084	0.0091	0.0097	0.0090
Sn-123m	1.5695	1.5480	1.6572	1.5936	1.4947	1.5865	1.7411	1.6798
Sn-125m	1.4067	1.3901	1.4748	1.3970	1.3584	1.4471	1.5668	1.4924

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-125	0.4393	0.4352	0.4556	0.4258	0.4287	0.4616	0.4935	0.4609
Sn-126	1.5605	1.4622	1.6774	1.6655	1.3845	1.4273	1.7035	1.7726
Sn-127m	1.2789	1.2658	1.3335	1.2513	1.2409	1.3207	1.4359	1.3402
Sn-127	2.8478	2.8163	2.9629	2.7782	2.7635	2.9627	3.1899	3.0000
Sn-128	4.3950	4.2078	4.6306	4.4760	3.9591	4.1484	4.7578	4.6868
Sn-129	1.6697	1.6511	1.7332	1.6232	1.6253	1.7431	1.8664	1.7460
Sn-130	4.0956	4.0127	4.3026	4.0990	3.8593	4.0908	4.5158	4.3966
Sn-130m	2.5217	2.4601	2.6382	2.5177	2.3684	2.5113	2.7746	2.6864
Sr-79	1.9378	1.7918	2.0960	2.0905	1.6825	1.7358	2.1462	2.2146
Sr-80	1.9730	1.7098	2.2122	2.2929	1.5543	1.5440	2.2172	2.3469
Sr-81	2.3406	2.2674	2.4905	2.4068	2.1874	2.3039	2.6184	2.5559
Sr-82	1.1392	0.8635	1.3530	1.5026	0.7149	0.6389	1.2860	1.4898
Sr-83	2.5611	2.1741	2.8937	3.0334	1.9547	1.9213	2.8826	3.0929
Sr-85	2.3886	2.0944	2.6590	2.7336	1.9193	1.9179	2.6883	2.8045
Sr-85m	1.6946	1.6273	1.8344	1.7796	1.5607	1.6295	1.8959	1.8990
Sr-87m	1.2989	1.2423	1.3875	1.3414	1.1916	1.2477	1.4547	1.4133
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0753	1.0644	1.1158	1.0440	1.0483	1.1284	1.2055	1.1280
Sr-92	1.3539	1.3422	1.4006	1.3051	1.3239	1.4213	1.5219	1.4156
Sr-93	3.6402	3.5715	3.8032	3.5982	3.4876	3.7220	4.0733	3.8559
Sr-94	1.3497	1.3383	1.3931	1.2974	1.3212	1.4202	1.5177	1.4093
Ta-170	2.0424	1.8238	2.2946	2.3844	1.7717	1.8125	2.3480	2.4758
Ta-172	4.3248	3.9913	4.7537	4.8016	3.8867	4.0388	4.9344	5.0336
Ta-173	3.7913	3.3335	4.2961	4.5310	3.2243	3.2776	4.3704	4.6375
Ta-174	3.6276	3.2782	4.0532	4.1726	3.1800	3.2699	4.1613	4.3467
Ta-175	4.7687	4.3854	5.2470	5.3408	4.2572	4.4129	5.4295	5.5563
Ta-176	4.4655	4.0978	4.9035	4.9703	3.9976	4.1537	5.1080	5.1896
Ta-177	1.8829	1.6478	2.1367	2.2713	1.5883	1.6102	2.1668	2.3126
Ta-178	1.9695	1.7070	2.2479	2.4023	1.6462	1.6622	2.2735	2.4422
Ta-178m	8.6733	8.1289	9.4561	9.4534	7.9078	8.2331	9.8143	9.9731
Ta-179	1.0401	0.8477	1.2328	1.3628	0.8160	0.8003	1.2247	1.3646
Ta-180	1.6247	1.4025	1.8592	1.9935	1.3514	1.3616	1.8770	2.0233
Ta-182	3.8154	3.5479	4.1696	4.1886	3.4546	3.5873	4.3366	4.4166
Ta-182m	4.6121	4.0096	5.2956	5.6152	3.8778	3.9089	5.3553	5.7446
Ta-183	4.2521	3.7068	4.8706	5.1470	3.5850	3.6107	4.9190	5.2880
Ta-184	5.7705	5.4090	6.3009	6.2521	5.2777	5.4997	6.5634	6.5927
Ta-185	2.3938	2.0691	2.7608	2.9344	1.9998	2.0074	2.7851	3.0070
Ta-186	5.2392	5.0522	5.6077	5.4304	4.9317	5.2012	5.9090	5.8124
Tb-146	3.0050	2.9471	3.1249	2.9489	2.9010	3.1135	3.3796	3.1878

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-147m	2.2739	2.1747	2.4041	2.3350	2.1274	2.2649	2.5539	2.4921
Tb-147	3.9415	3.8074	4.1592	4.0101	3.7246	3.9664	4.4161	4.2885
Tb-148m	6.4352	6.2792	6.7521	6.4336	6.1555	6.5755	7.2080	6.8899
Tb-148	2.8558	2.7735	2.9955	2.8676	2.7202	2.9085	3.2038	3.0751
Tb-149m	3.0251	2.9006	3.2020	3.1144	2.8341	3.0188	3.3858	3.3162
Tb-149	3.6523	3.5114	3.8752	3.7645	3.4251	3.6405	4.0917	4.0024
Tb-150m	6.5839	6.4051	6.9259	6.6258	6.2701	6.6785	7.3659	7.0630
Tb-150	3.4510	3.3262	3.6359	3.5048	3.2574	3.4724	3.8694	3.7413
Tb-151	4.9931	4.7665	5.3367	5.2228	4.6370	4.8995	5.5824	5.5513
Tb-151m	1.2713	0.9716	1.5573	1.7603	0.9375	0.8955	1.5232	1.7466
Tb-152m	4.5177	4.2702	4.8725	4.8219	4.1505	4.3677	5.0737	5.0685
Tb-152	3.2666	3.1355	3.4662	3.3670	3.0595	3.2499	3.6581	3.5807
Tb-153	3.3663	3.1348	3.6548	3.6624	3.0385	3.1874	3.7780	3.8773
Tb-154	3.9413	3.7577	4.1872	4.0862	3.6704	3.8951	4.4262	4.3625
Tb-155	3.4214	3.1868	3.7068	3.7239	3.0901	3.2348	3.8237	3.9579
Tb-156	5.7340	5.4740	6.1190	5.9723	5.3389	5.6513	6.4389	6.3683
Tb-156m	1.1483	1.1026	1.2074	1.2041	1.0683	1.1477	1.2691	1.2341
Tb-156n	0.3636	0.2459	0.4732	0.5600	0.2379	0.2106	0.4504	0.5504
Tb-157	0.3924	0.2823	0.4948	0.5728	0.2725	0.2522	0.4767	0.5677
Tb-158	3.0748	2.8550	3.3341	3.3378	2.7797	2.9234	3.4668	3.5269
Tb-160	2.5413	2.4395	2.7078	2.6268	2.3905	2.5350	2.8632	2.8065
Tb-161	1.5143	1.3156	1.7098	1.8029	1.2491	1.2660	1.7111	1.8334
Tb-162	3.2441	3.1475	3.4571	3.3247	3.0766	3.2593	3.6380	3.5599
Tb-163	2.6960	2.6390	2.8448	2.7082	2.5818	2.7395	3.0244	2.8867
Tb-164	5.3473	5.1868	5.6630	5.4422	5.0810	5.3983	6.0132	5.8174
Tb-165	1.2396	1.1736	1.3318	1.3038	1.1528	1.2158	1.4121	1.3801
Tc-101	1.4845	1.4678	1.5596	1.4784	1.4320	1.5227	1.6506	1.5818
Tc-102m	3.3106	3.2781	3.4364	3.2127	3.2247	3.4536	3.7183	3.4649
Tc-102	0.1529	0.1514	0.1593	0.1493	0.1486	0.1586	0.1717	0.1603
Tc-104	3.2193	3.1872	3.3502	3.1424	3.1298	3.3491	3.6101	3.3865
Tc-105	2.7554	2.6978	2.8972	2.7694	2.6013	2.7461	3.0495	2.9636
Tc-91	1.2447	1.2243	1.2884	1.2104	1.1974	1.2826	1.3964	1.3093
Tc-91m	0.8948	0.8802	0.9339	0.8816	0.8577	0.9110	1.0014	0.9408
Tc-92	5.6255	5.5332	5.8811	5.5840	5.3848	5.7303	6.2640	5.9922
Tc-93	2.3916	2.2448	2.5335	2.4978	2.0709	2.1414	2.6098	2.5841
Tc-93m	1.6213	1.5538	1.7114	1.6549	1.4656	1.5326	1.7878	1.7354
Tc-94	5.1215	4.9408	5.3721	5.1707	4.7207	4.9937	5.6614	5.4636
Tc-94m	1.8697	1.8095	1.9564	1.8752	1.7355	1.8421	2.0737	1.9913
Tc-95	2.4751	2.3090	2.6340	2.6191	2.1135	2.1780	2.6875	2.6929
Tc-95m	3.1493	2.9823	3.3568	3.2988	2.7626	2.8653	3.4439	3.4443

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96	5.0761	4.8838	5.3303	5.1484	4.6507	4.9108	5.6046	5.4319
Tc-96m	0.6840	0.6073	0.7437	0.7695	0.5182	0.5080	0.7233	0.7651
Tc-97	1.1418	0.9959	1.2489	1.3123	0.8277	0.7992	1.1986	1.2866
Tc-97m	0.8841	0.7816	0.9606	0.9979	0.6556	0.6369	0.9262	0.9866
Tc-98	2.5629	2.5333	2.6595	2.4956	2.4940	2.6767	2.8636	2.6855
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.5867	1.5566	1.6769	1.6122	1.5017	1.5793	1.7593	1.7269
Te-113	1.5334	1.5112	1.5909	1.4922	1.4803	1.5878	1.7150	1.6094
Te-114	3.4600	3.3047	3.6586	3.5408	3.1335	3.2903	3.7824	3.7230
Te-115	2.4950	2.4458	2.6030	2.4565	2.3765	2.5341	2.7711	2.6303
Te-115m	2.8377	2.7784	2.9528	2.7876	2.7005	2.8844	3.1531	2.9849
Te-116	2.5677	2.4173	2.7248	2.6713	2.2389	2.3215	2.7489	2.7856
Te-117	2.3914	2.3120	2.5017	2.3885	2.2132	2.3470	2.6265	2.5271
Te-118	1.1993	1.1124	1.2781	1.2617	1.0089	1.0395	1.2710	1.2867
Te-119	2.5079	2.4063	2.6354	2.5330	2.2823	2.4050	2.7311	2.6521
Te-119m	4.2379	4.1227	4.4570	4.2626	3.9527	4.1835	4.6652	4.5057
Te-121	2.5188	2.4153	2.6522	2.5527	2.2852	2.4002	2.7449	2.6668
Te-121m	2.2167	2.1284	2.3706	2.2925	2.0200	2.1206	2.4405	2.4350
Te-123	0.0764	0.0437	0.1065	0.1319	0.0422	0.0325	0.0986	0.1272
Te-123m	2.2105	2.1238	2.3577	2.3051	2.0219	2.1243	2.4342	2.4000
Te-125m	2.0443	1.8889	2.1902	2.1743	1.7301	1.7874	2.1859	2.2245
Te-127	0.0186	0.0183	0.0196	0.0185	0.0178	0.0190	0.0208	0.0197
Te-127m	0.6683	0.6038	0.7286	0.7367	0.5537	0.5661	0.7230	0.7489
Te-129	0.4975	0.4451	0.5517	0.5628	0.4186	0.4266	0.5549	0.5755
Te-129m	0.5340	0.4899	0.5766	0.5760	0.4522	0.4661	0.5774	0.5895
Te-131	1.9530	1.9232	2.0537	1.9590	1.8672	1.9824	2.1719	2.0861
Te-131m	3.1539	3.0961	3.2978	3.1242	3.0163	3.2178	3.5073	3.3611
Te-132	2.8071	2.7114	2.9821	2.8756	2.5768	2.7148	3.0704	3.0392
Te-133	2.3014	2.2762	2.4011	2.2593	2.2321	2.3868	2.5738	2.4286
Te-133m	3.5167	3.4584	3.6714	3.4663	3.3773	3.6115	3.9210	3.7246
Te-134	3.3394	3.2771	3.5117	3.3335	3.1792	3.3747	3.7013	3.5903
Th-223	1.9221	1.6495	2.1896	2.3141	1.5421	1.5221	2.1771	2.4042
Th-224	0.2686	0.2466	0.2965	0.3000	0.2338	0.2400	0.3028	0.3136
Th-226	0.2735	0.2227	0.3198	0.3479	0.2018	0.1929	0.3120	0.3515
Th-227	2.3335	1.9292	2.7145	2.9266	1.7663	1.7120	2.6628	2.9551
Th-228	0.2609	0.1967	0.3156	0.3559	0.1722	0.1561	0.3004	0.3512
Th-229	3.3248	2.6960	3.9017	4.2532	2.4672	2.3596	3.8080	4.3186
Th-230	1.5662	1.5670	1.6136	1.5487	1.5186	1.6141	1.7166	1.6269
Th-231	2.1718	1.6918	2.5798	2.8636	1.4827	1.3714	2.4665	2.8355
Th-232	1.2694	1.2898	1.2877	1.1938	1.2382	1.3257	1.4574	1.3768

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Th-233	0.5748	0.4529	0.6878	0.7611	0.4193	0.3972	0.6689	0.7637
Th-234	0.4211	0.3524	0.4841	0.5211	0.3205	0.3106	0.4757	0.5292
Th-235	0.1538	0.1472	0.1639	0.1590	0.1430	0.1504	0.1727	0.1693
Th-236	0.3817	0.3336	0.4297	0.4484	0.3107	0.3099	0.4306	0.4636
Ti-44	2.9533	2.8627	3.1334	3.0569	2.7842	2.9019	3.2500	3.3593
Ti-45	0.0299	0.0186	0.0404	0.0489	0.0181	0.0150	0.0380	0.0476
Ti-51	1.4114	1.3963	1.4783	1.4007	1.3669	1.4584	1.5726	1.4984
Ti-52	2.0911	1.9686	2.2626	2.2427	1.8807	1.9362	2.3310	2.3894
Tl-190	2.2913	2.1603	2.4791	2.4391	2.1035	2.1932	2.5929	2.5849
Tl-190m	5.5907	5.3556	5.9717	5.7915	5.2325	5.5086	6.2981	6.1671
Tl-194	2.6182	2.4130	2.8764	2.8891	2.3409	2.4128	2.9734	3.0456
Tl-194m	7.6246	7.1522	8.2676	8.1736	6.9644	7.2575	8.6282	8.6578
Tl-195	4.0032	3.4830	4.5557	4.7682	3.3593	3.3788	4.6175	4.9557
Tl-196	4.0984	3.8247	4.4549	4.4228	3.7229	3.8689	4.6501	4.6890
Tl-197	3.0971	2.7443	3.4901	3.6232	2.6448	2.6702	3.5405	3.7915
Tl-198	4.5187	4.2098	4.9174	4.8880	4.0975	4.2559	5.1298	5.1816
Tl-198m	5.4109	4.9236	5.9977	6.0742	4.7689	4.8923	6.1657	6.3667
Tl-199	3.0450	2.6810	3.4538	3.6027	2.5775	2.5905	3.4856	3.7658
Tl-200	4.2742	3.9590	4.6761	4.6792	3.8467	3.9805	4.8495	4.9439
Tl-201	2.6358	2.2224	3.0630	3.2874	2.1255	2.0891	3.0467	3.3992
Tl-202	3.0622	2.7694	3.4090	3.4795	2.6768	2.7285	3.4916	3.6517
Tl-204	0.0432	0.0356	0.0509	0.0554	0.0340	0.0329	0.0503	0.0570
Tl-206m	7.2942	7.0661	7.7774	7.4661	6.8913	7.2756	8.1959	7.9961
Tl-206	0.0020	0.0017	0.0023	0.0024	0.0016	0.0016	0.0023	0.0025
Tl-207	0.0036	0.0035	0.0037	0.0035	0.0035	0.0038	0.0040	0.0038
Tl-208	3.1030	3.0486	3.2313	3.0426	3.0006	3.2068	3.4963	3.2924
Tl-209	4.4442	4.3287	4.6836	4.4771	4.2369	4.4761	4.9861	4.8533
Tl-210	4.6645	4.4573	4.9787	4.8298	4.3499	4.5905	5.2647	5.1513
Tm-161	6.2266	5.7574	6.7870	6.8904	5.5926	5.8572	7.0366	7.1488
Tm-162	3.0989	2.9084	3.3401	3.3268	2.8431	2.9958	3.5094	3.4963
Tm-163	5.0706	4.7424	5.4854	5.5067	4.6166	4.8511	5.7209	5.7429
Tm-164	1.4824	1.3459	1.6331	1.6807	1.3089	1.3631	1.6863	1.7328
Tm-165	4.0104	3.7382	4.3662	4.3965	3.6308	3.8061	4.5256	4.5633
Tm-166	4.6485	4.3435	5.0329	5.0282	4.2433	4.4621	5.2715	5.2673
Tm-167	2.7176	2.4353	3.0393	3.1611	2.3579	2.4368	3.1080	3.2453
Tm-168	5.2129	4.8974	5.6486	5.6239	4.7753	5.0216	5.9032	5.9192
Tm-170	0.1460	0.1189	0.1731	0.1903	0.1155	0.1132	0.1716	0.1934
Tm-171	0.0225	0.0194	0.0258	0.0277	0.0187	0.0190	0.0260	0.0280
Tm-172	0.9532	0.8542	1.0643	1.0928	0.8364	0.8610	1.0996	1.1397
Tm-173	1.4728	1.4312	1.5641	1.4980	1.3986	1.4796	1.6601	1.5880

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tm-174	6.2651	6.0115	6.7319	6.5556	5.8702	6.1912	7.0714	6.9481
Tm-175	2.5026	2.4235	2.6477	2.5475	2.3751	2.5219	2.8214	2.7054
Tm-176	4.4727	4.2586	4.8138	4.7127	4.1646	4.3884	5.0679	5.0046
U-227	1.8917	1.6573	2.1341	2.2239	1.5450	1.5403	2.1304	2.3048
U-228	0.2893	0.2281	0.3417	0.3781	0.2004	0.1866	0.3281	0.3755
U-230	0.3113	0.2366	0.3738	0.4206	0.2035	0.1842	0.3547	0.4124
U-231	4.0123	3.2804	4.6574	5.0515	2.9456	2.8147	4.5307	5.1044
U-232	0.2917	0.2190	0.3520	0.3981	0.1873	0.1680	0.3330	0.3891
U-233	0.1532	0.1137	0.1863	0.2116	0.0978	0.0872	0.1762	0.2071
U-234	1.5161	1.5037	1.5763	1.4688	1.4629	1.5377	1.6625	1.5571
U-235	1.7956	1.7829	1.8755	1.8039	1.7376	1.8123	1.9517	1.9068
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2407	0.1800	0.2909	0.3295	0.1537	0.1375	0.2750	0.3219
U-237	3.4572	3.0293	3.8831	4.0681	2.8025	2.7951	3.8805	4.1842
U-238	1.3274	1.3163	1.3762	1.2601	1.2904	1.3860	1.4946	1.3715
U-239	1.1530	1.0636	1.2542	1.2654	1.0053	1.0255	1.2707	1.3483
U-240	0.7920	0.6111	0.9457	1.0572	0.5333	0.4894	0.9023	1.0423
U-242	0.3776	0.3610	0.4022	0.3976	0.3438	0.3584	0.4175	0.4191
V-47	0.0161	0.0128	0.0194	0.0213	0.0125	0.0122	0.0193	0.0215
V-48	2.8898	2.8188	3.0309	2.8718	2.7789	2.9758	3.2671	3.0902
V-49	0.2119	0.1190	0.2972	0.3697	0.1151	0.0875	0.2746	0.3561
V-50	1.4601	1.3724	1.5696	1.5392	1.3533	1.4267	1.6725	1.6382
V-52	1.3090	1.2983	1.3502	1.2565	1.2821	1.3783	1.4726	1.3661
V-53	1.3832	1.3707	1.4341	1.3373	1.3510	1.4590	1.5551	1.4491
W-177	6.4276	5.8037	7.1715	7.3966	5.6302	5.7719	7.3616	7.6818
W-178	0.8211	0.6173	1.0180	1.1646	0.5938	0.5563	0.9907	1.1545
W-179	2.2939	1.8941	2.6949	2.9492	1.8129	1.7850	2.6762	2.9656
W-179m	1.4208	1.2095	1.6470	1.7747	1.1639	1.1587	1.6527	1.8054
W-181	1.4669	1.2355	1.7061	1.8548	1.1883	1.1808	1.7091	1.8729
W-185m	1.4819	1.0008	1.9366	2.2933	0.9639	0.8429	1.8423	2.2521
W-185	0.0012	0.0011	0.0014	0.0015	0.0011	0.0011	0.0014	0.0015
W-187	1.7385	1.6446	1.8751	1.8550	1.6023	1.6738	1.9631	1.9604
W-188	0.0170	0.0154	0.0191	0.0195	0.0149	0.0152	0.0194	0.0203
W-190	3.2384	2.8691	3.6678	3.8605	2.7637	2.7976	3.7245	3.9601
Xe-120	3.5022	3.3233	3.7165	3.6248	3.1207	3.2638	3.7964	3.7861
Xe-121	2.3793	2.3019	2.5069	2.4046	2.2083	2.3337	2.6191	2.5552
Xe-122	1.5201	1.4246	1.6215	1.5962	1.3238	1.3791	1.6382	1.6475
Xe-123	2.6626	2.5619	2.8204	2.7337	2.4372	2.5670	2.9180	2.8712
Xe-125	3.2604	3.1275	3.4670	3.3605	2.9568	3.1078	3.5597	3.5336
Xe-127	3.2736	3.1572	3.4783	3.3580	2.9998	3.1618	3.5948	3.5574

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-127m	2.6564	2.5656	2.8217	2.7309	2.4620	2.5859	2.9295	2.9148
Xe-129m	2.2974	2.1328	2.4632	2.4445	1.9833	2.0661	2.4807	2.5245
Xe-131m	0.9761	0.8958	1.0559	1.0581	0.8323	0.8620	1.0590	1.0859
Xe-133	1.4075	1.3361	1.4979	1.4654	1.2747	1.3321	1.5281	1.5715
Xe-133m	1.0968	1.0205	1.1803	1.1697	0.9528	0.9913	1.1903	1.2097
Xe-135	1.4250	1.4116	1.5194	1.4315	1.3697	1.4451	1.5781	1.5383
Xe-135m	1.2495	1.2219	1.3093	1.2426	1.1874	1.2596	1.3914	1.3195
Xe-137	0.4568	0.4519	0.4773	0.4477	0.4429	0.4716	0.5129	0.4798
Xe-138	1.8461	1.7712	1.9799	1.9142	1.7318	1.8247	2.0884	2.0378
Y-81	2.4025	2.2017	2.6271	2.6444	2.0671	2.1027	2.6719	2.7966
Y-83	1.6959	1.5034	1.8658	1.9116	1.3663	1.3794	1.8764	1.9594
Y-83m	1.5141	1.4258	1.6405	1.6131	1.3421	1.3852	1.6788	1.6848
Y-84m	4.3581	4.2930	4.5313	4.2594	4.2168	4.5307	4.8902	4.5961
Y-85	1.3108	1.2144	1.4162	1.4058	1.1432	1.1786	1.4667	1.4614
Y-85m	1.4862	1.3691	1.6123	1.6060	1.2834	1.3226	1.6609	1.6774
Y-86	4.9936	4.7770	5.2843	5.0972	4.6050	4.8641	5.5953	5.4096
Y-86m	1.5905	1.5603	1.6987	1.6194	1.5075	1.5964	1.7832	1.7628
Y-87	2.3377	2.0679	2.5870	2.6552	1.8849	1.8886	2.6100	2.7096
Y-87m	1.2857	1.2295	1.3712	1.3290	1.1734	1.2278	1.4330	1.3953
Y-88	3.6873	3.4093	3.9662	3.9316	3.2164	3.3422	4.1325	4.1208
Y-89m	1.3208	1.3062	1.3702	1.2837	1.2858	1.3865	1.4826	1.3894
Y-90	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002
Y-90m	2.8424	2.7990	3.0040	2.8458	2.7129	2.8785	3.1849	3.0776
Y-91	0.0034	0.0034	0.0036	0.0033	0.0034	0.0036	0.0039	0.0036
Y-91m	1.2705	1.2464	1.3286	1.2566	1.2165	1.2924	1.4208	1.3385
Y-92	0.3500	0.3466	0.3630	0.3394	0.3413	0.3671	0.3931	0.3670
Y-93	0.1829	0.1812	0.1922	0.1805	0.1771	0.1887	0.2040	0.1946
Y-94	1.0335	1.0235	1.0713	1.0015	1.0084	1.0866	1.1608	1.0845
Y-95	0.7827	0.7763	0.8071	0.7505	0.7669	0.8270	0.8828	0.8183
Yb-162	3.2970	3.0407	3.6198	3.6907	2.9532	3.0741	3.7402	3.8223
Yb-163	2.4544	2.1778	2.7541	2.8800	2.1157	2.1762	2.8220	2.9433
Yb-164	1.5436	1.3748	1.7219	1.8112	1.3298	1.3757	1.7605	1.8322
Yb-165	4.0668	3.4969	4.6576	4.9782	3.3930	3.4331	4.6995	5.0694
Yb-166	2.8809	2.5736	3.2095	3.3661	2.4922	2.5759	3.2798	3.4260
Yb-167	5.9254	5.3134	6.6147	6.8944	5.1554	5.3068	6.7690	7.0971
Yb-169	6.4962	5.9589	7.1501	7.3443	5.7664	5.9928	7.3685	7.5774
Yb-175	0.2449	0.2333	0.2639	0.2598	0.2272	0.2381	0.2760	0.2738
Yb-177	0.8893	0.8483	0.9563	0.9452	0.8259	0.8686	1.0026	0.9940
Yb-178	0.1692	0.1601	0.1831	0.1800	0.1563	0.1638	0.1919	0.1892
Yb-179	2.6157	2.5478	2.7568	2.6367	2.4974	2.6530	2.9355	2.8014

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-60	1.6177	1.5773	1.7056	1.6409	1.5395	1.6327	1.8086	1.7442
Zn-61	0.5941	0.5839	0.6200	0.5839	0.5748	0.6141	0.6703	0.6294
Zn-62	1.9846	1.6243	2.3463	2.5431	1.5801	1.5591	2.3431	2.5861
Zn-63	0.2728	0.2475	0.3022	0.3054	0.2433	0.2527	0.3150	0.3190
Zn-65	1.3977	1.0772	1.7111	1.9089	1.0546	1.0126	1.6945	1.9174
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.2814	1.2497	1.3569	1.2907	1.2239	1.2948	1.4465	1.3738
Zn-71	0.6980	0.6903	0.7280	0.6839	0.6776	0.7226	0.7833	0.7353
Zn-71m	3.9413	3.8976	4.1165	3.8652	3.8239	4.0769	4.4168	4.1432
Zn-72	2.7425	2.2888	3.2295	3.4873	2.2083	2.1745	3.2195	3.5532
Zr-85	1.2631	1.2324	1.3294	1.2632	1.1956	1.2656	1.4145	1.3440
Zr-86	3.9464	3.5243	4.3553	4.4626	3.1505	3.1513	4.3112	4.5342
Zr-87	0.3062	0.2653	0.3395	0.3547	0.2335	0.2307	0.3362	0.3563
Zr-88	2.4750	2.2384	2.7064	2.7426	2.0416	2.0677	2.7354	2.7995
Zr-89	2.2348	2.0500	2.4123	2.4171	1.8999	1.9604	2.4762	2.4985
Zr-89m	1.3231	1.2913	1.3847	1.3151	1.2562	1.3340	1.4755	1.3976
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2487	1.2347	1.2952	1.2163	1.2158	1.3065	1.3970	1.3123
Zr-97	1.5111	1.4916	1.5700	1.4768	1.4650	1.5711	1.6898	1.5902

Table 3: Adobe Surface Contamination for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2320	0.2982	0.5471	0.6618
Ac-224	2.7235	3.2446	4.3419	4.9001
Ac-225	0.3298	0.4287	0.7810	0.9368
Ac-226	1.1988	1.4488	1.8953	2.1057
Ac-227	0.0551	0.0792	0.1978	0.2513
Ac-228	1.8159	2.2093	2.8885	3.1630
Ac-230	0.7848	0.9611	1.2948	1.4120
Ac-231	2.6722	3.1358	3.8686	4.2018
Ac-232	1.2775	1.5593	2.0141	2.1777
Ac-233	1.1581	1.3630	1.6010	1.6764
Ag-100m	2.2220	2.6356	2.8286	2.8978
Ag-101	1.9309	2.2635	2.5729	2.6898
Ag-102m	1.4477	1.7185	1.9214	1.9618
Ag-102	3.3894	4.0183	4.3955	4.4955
Ag-103	2.2812	2.7259	3.2107	3.4259
Ag-104	4.2487	5.0762	5.6974	5.9049
Ag-104m	1.7423	2.0632	2.3547	2.4217
Ag-105	2.4266	2.8759	3.5033	3.7078
Ag-105m	0.0198	0.0281	0.0737	0.0965
Ag-106	0.4886	0.5913	0.7716	0.8213
Ag-106m	5.1925	6.1597	6.9604	7.1900
Ag-108	0.0477	0.0570	0.0698	0.0738
Ag-108m	3.9264	4.6513	5.3066	5.5380
Ag-109m	0.3950	0.4828	0.6837	0.7634
Ag-110	0.0562	0.0663	0.0718	0.0743
Ag-110m	3.8548	4.5811	4.8722	5.0070
Ag-111	0.1055	0.1217	0.1354	0.1400
Ag-111m	0.2137	0.2645	0.3947	0.4460
Ag-112	0.8803	1.0357	1.1124	1.1353
Ag-113m	0.7730	0.9063	1.0498	1.1068
Ag-113	0.2331	0.2699	0.2990	0.3099
Ag-114	0.3675	0.4311	0.4668	0.4735
Ag-115	0.8489	0.9911	1.0969	1.1271
Ag-116	2.1858	2.5776	2.7895	2.8127
Ag-117	1.7184	2.0386	2.2170	2.2947
Ag-99	2.3586	2.7745	3.0601	3.1667
Al-26	1.2393	1.4686	1.5770	1.5877
Al-28	1.2080	1.4311	1.5338	1.5435
Al-29	1.2406	1.4714	1.5866	1.5764

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.8618	3.4133	4.5783	5.1181
Am-238	2.7743	3.3349	4.3711	4.8437
Am-239	3.3296	4.0165	5.7354	6.5345
Am-240	2.9693	3.6110	4.9160	5.4886
Am-241	1.3784	1.5535	1.6655	1.7117
Am-242	0.4659	0.5900	0.9848	1.1449
Am-242m	0.2699	0.3648	0.7326	0.8744
Am-243	1.1988	1.4065	1.7499	1.9874
Am-244	2.5397	3.1778	4.4967	5.0339
Am-244m	0.1632	0.2134	0.3831	0.4468
Am-245	0.3618	0.4339	0.5917	0.6666
Am-246	3.5599	4.4215	6.3244	7.0656
Am-246m	1.5905	1.9291	2.3849	2.5634
Am-247	1.3294	1.5835	2.0876	2.3273
Ar-37	0.0181	0.0273	0.0830	0.1113
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2184	1.4442	1.5575	1.5482
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4740	1.7478	1.8710	1.8998
Ar-44	2.3469	2.7847	3.0206	3.0765
As-68	2.8716	3.4027	3.6495	3.7302
As-69	0.4592	0.5476	0.6904	0.7642
As-70	3.7695	4.4678	4.8820	5.0252
As-71	1.6909	2.1075	3.0110	3.4677
As-72	1.2030	1.4595	1.6606	1.7705
As-73	0.7950	1.1473	3.1542	4.1648
As-74	0.9992	1.2063	1.6285	1.8287
As-76	0.7276	0.8520	0.9239	0.9393
As-77	0.0395	0.0457	0.0521	0.0551
As-78	1.6544	1.9529	2.0951	2.1344
As-79	0.0745	0.0872	0.0948	0.0973
At-204	5.2304	6.1676	7.1765	7.6691
At-205	2.7775	3.3069	4.1202	4.5993
At-206	5.4469	6.4218	7.4506	7.9660
At-207	4.2667	5.0732	6.1392	6.7341
At-208	6.5182	7.7642	9.1402	9.8902
At-209	5.9578	7.1059	8.5775	9.3872
At-210	5.1482	6.1030	7.4500	8.0917
At-211	0.6957	0.8339	1.2017	1.4268
At-215	0.0006	0.0007	0.0008	0.0009

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0365	0.0432	0.0581	0.0676
At-217	0.0014	0.0017	0.0020	0.0023
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	1.9445	2.2547	2.6190	2.7779
Au-186	3.1787	3.7528	4.4846	4.8283
Au-187	2.5996	3.1106	4.1064	4.6409
Au-190	3.7643	4.4265	5.2552	5.6632
Au-191	3.2424	3.8454	4.9652	5.5964
Au-192	3.5144	4.1397	4.9634	5.3781
Au-193	2.1659	2.5760	3.4698	4.0059
Au-193m	1.4399	1.7292	2.5045	2.9010
Au-194	2.8558	3.3639	4.1362	4.5485
Au-195	1.8191	2.2016	3.3242	3.9758
Au-195m	1.4560	1.7494	2.5319	2.9311
Au-196	2.6485	3.1047	3.8473	4.2481
Au-196m	3.2438	3.9988	5.8952	6.9277
Au-198	1.2090	1.4010	1.5604	1.6128
Au-198m	5.1790	6.0972	7.8398	8.7401
Au-199	1.0550	1.2979	1.6202	1.8224
Au-200	0.4559	0.5334	0.5901	0.6044
Au-200m	6.0221	7.0816	8.0379	8.4602
Au-201	0.1380	0.1701	0.2573	0.3006
Au-202	0.2866	0.3361	0.3688	0.3773
Ba-124	1.8419	2.1703	2.5848	2.7956
Ba-126	2.2259	2.6017	3.0689	3.2867
Ba-127	1.0644	1.2518	1.5091	1.6473
Ba-128	1.0926	1.2795	1.6121	1.7839
Ba-129	1.1718	1.3760	1.7126	1.8794
Ba-129m	4.1800	4.9328	5.7166	6.0527
Ba-131	2.8329	3.3090	3.9053	4.1955
Ba-131m	1.4211	1.6498	2.0153	2.2583
Ba-133	3.1971	3.7084	4.4044	4.7974
Ba-133m	0.9437	1.1219	1.5368	1.7484
Ba-135m	0.8574	1.0035	1.2580	1.3910
Ba-137m	1.1403	1.3438	1.4562	1.5128
Ba-139	0.4124	0.5032	0.5461	0.5812
Ba-140	0.7577	0.9146	1.2424	1.3978
Ba-141	2.4971	2.9187	3.2368	3.3353
Ba-142	2.2181	2.5967	2.8752	3.0102

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1235	0.1435	0.1577	0.1595
Bi-197	3.1670	3.7787	4.6941	5.2105
Bi-200	6.2635	7.3444	8.6830	9.3602
Bi-201	3.2447	3.8695	4.7559	5.2567
Bi-202	5.7599	6.7989	7.9307	8.5417
Bi-203	3.9649	4.7285	5.6820	6.2183
Bi-204	5.8142	6.8903	8.1022	8.7659
Bi-205	3.0180	3.5993	4.4797	4.9662
Bi-206	6.6960	7.9640	9.3120	10.0483
Bi-207	3.4385	4.0694	4.9555	5.4277
Bi-208	1.9795	2.3920	3.0633	3.3703
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2961	1.5006	1.7544	1.8857
Bi-211	0.2033	0.2363	0.2763	0.2951
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2115	0.2689	0.4234	0.4966
Bi-213	0.3996	0.4657	0.5373	0.5671
Bi-214	1.6242	1.9173	2.0723	2.1140
Bi-215	0.9670	1.1301	1.3516	1.4715
Bi-216	1.7866	2.0823	2.3113	2.3776
Bk-245	2.8964	3.4651	4.6575	5.2442
Bk-246	2.8241	3.4663	4.7138	5.2674
Bk-247	1.5203	1.7637	2.1322	2.3730
Bk-248m	0.6183	0.7576	1.1082	1.2611
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3689	1.6459	1.9983	2.1370
Bk-251	1.4658	1.7956	2.5413	2.8910
Br-72	2.3378	2.7887	3.0601	3.1619
Br-73	1.4568	1.7154	1.9752	2.1251
Br-74	2.6561	3.1479	3.4896	3.5674
Br-74m	3.2504	3.8561	4.2342	4.3558
Br-75	1.7547	2.0628	2.5044	2.7022
Br-76	2.3836	2.8578	3.4571	3.6679
Br-76m	1.2262	1.5949	2.7623	3.2605
Br-77	1.3099	1.6353	2.6289	3.0704
Br-77m	0.4792	0.6417	1.2850	1.5721
Br-78	0.1897	0.2304	0.3111	0.3469
Br-80	0.1195	0.1469	0.2087	0.2366
Br-80m	0.9802	1.3262	2.5449	3.0797

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.2969	0.4397	1.0888	1.3643
Br-82	3.9187	4.6492	4.9618	5.0788
Br-83	0.0153	0.0178	0.0197	0.0201
Br-84m	3.6472	4.3039	4.6311	4.7203
Br-84	1.3378	1.5960	1.6978	1.7238
Br-85	0.0873	0.1045	0.1105	0.1138
C-10	1.1709	1.3980	1.4745	1.5214
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0323	0.0487	0.1482	0.1988
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0699	1.2685	1.3663	1.3636
Ca-49	1.1914	1.4254	1.5232	1.5004
Cd-101	2.7051	3.1789	3.6070	3.7895
Cd-102	2.2538	2.6690	3.1927	3.3661
Cd-103	2.1870	2.6193	3.0975	3.2441
Cd-104	1.9875	2.3580	2.9321	3.2198
Cd-105	1.5265	1.8290	2.1993	2.3160
Cd-107	1.1444	1.4033	1.9838	2.1978
Cd-109	1.0637	1.3063	1.8570	2.0603
Cd-111m	2.0731	2.4395	2.8342	3.0341
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0010	0.0013	0.0014
Cd-115	0.4939	0.5764	0.6435	0.6590
Cd-115m	0.0411	0.0488	0.0522	0.0533
Cd-117	1.7156	2.0072	2.2023	2.2646
Cd-117m	1.9683	2.3280	2.5036	2.5406
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0612	2.4203	2.6375	2.7026
Cd-119m	2.3319	2.7561	2.9709	3.0237
Ce-130	2.8216	3.3295	3.8808	4.2049
Ce-131	3.0024	3.5569	4.1180	4.3964
Ce-132	2.6548	3.1551	3.6620	3.9125
Ce-133	2.4547	2.8552	3.3908	3.7504
Ce-133m	4.2869	5.0414	5.7205	6.0430
Ce-134	0.9255	1.0996	1.3889	1.5491
Ce-135	3.1133	3.6480	4.2018	4.4695
Ce-137	1.0100	1.2155	1.6678	1.9095
Ce-137m	0.8476	1.0108	1.2455	1.3800
Ce-139	2.1611	2.6134	3.0236	3.2877

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9260	1.1244	1.2271	1.3294
Ce-143	1.7281	2.0379	2.3449	2.5109
Ce-144	0.2937	0.3505	0.3959	0.4345
Ce-145	2.6799	3.1907	3.6128	3.8522
Cf-244	0.0998	0.1336	0.2579	0.3039
Cf-246	0.0688	0.0920	0.1770	0.2085
Cf-247	1.9572	2.4307	3.7443	4.3216
Cf-248	0.0826	0.1104	0.2118	0.2494
Cf-249	1.3808	1.6360	2.0614	2.2210
Cf-250	0.0761	0.0996	0.1785	0.2076
Cf-251	1.6844	2.0475	2.8386	3.1980
Cf-252	0.6726	0.8011	0.9398	0.9885
Cf-253	0.2272	0.2994	0.5669	0.6719
Cf-254	22.4432	26.3890	28.6446	29.3838
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.4407	1.7303	1.8447	1.9011
Cl-36	0.0003	0.0004	0.0012	0.0016
Cl-38	0.8953	1.0626	1.1384	1.1416
Cl-39	1.8068	2.1153	2.3007	2.3411
Cl-40	2.3556	2.7992	2.9966	2.9926
Cm-238	1.3895	1.6674	2.2971	2.6091
Cm-239	3.0083	3.6029	4.6037	5.0669
Cm-240	0.1086	0.1474	0.2946	0.3490
Cm-241	3.1764	3.8562	5.4244	6.0931
Cm-242	0.0974	0.1323	0.2645	0.3134
Cm-243	1.6180	1.9643	2.8857	3.3005
Cm-244	0.0836	0.1136	0.2271	0.2691
Cm-245	1.7704	2.1454	3.0419	3.4677
Cm-246	0.0715	0.0962	0.1871	0.2208
Cm-247	1.0278	1.1903	1.3337	1.3838
Cm-248	1.8119	2.1419	2.4027	2.4918
Cm-249	0.1037	0.1399	0.3147	0.4029
Cm-250	17.7175	20.8333	22.6292	23.2176
Cm-251	0.3917	0.4663	0.5840	0.6319
Co-54m	3.6198	4.2526	4.6103	4.6678
Co-55	1.6185	1.9259	2.1561	2.2500
Co-56	3.1647	3.8110	4.3672	4.5780
Co-57	1.7255	2.1136	3.0696	3.6268
Co-58	1.2956	1.6019	1.9998	2.2207

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.1298	0.1954	0.5940	0.7967
Co-60	2.4696	2.9243	3.1510	3.1538
Co-60m	0.1721	0.2485	0.6883	0.9122
Co-61	1.1926	1.3684	1.4896	1.6269
Co-62	1.4330	1.6972	1.8273	1.8358
Co-62m	2.5439	3.0118	3.2429	3.2631
Cr-48	2.7919	3.2335	3.7581	4.0857
Cr-49	1.4203	1.6501	1.7711	1.9373
Cr-51	0.2001	0.2567	0.4983	0.6177
Cr-55	0.0005	0.0006	0.0007	0.0007
Cr-56	1.8442	2.1262	2.5636	2.9369
Cs-121	1.0341	1.2230	1.3680	1.4477
Cs-121m	1.9199	2.2554	2.5716	2.6912
Cs-123	1.5508	1.7992	2.0793	2.2420
Cs-124	0.5267	0.6142	0.6910	0.7188
Cs-125	1.3052	1.5276	1.8024	1.9330
Cs-126	0.8895	1.0369	1.1751	1.2288
Cs-127	2.0819	2.4313	2.8776	3.0915
Cs-128	0.6735	0.7871	0.9272	0.9856
Cs-129	2.0221	2.3658	2.8785	3.1260
Cs-130m	1.7462	2.0396	2.5396	2.8605
Cs-130	0.5518	0.6491	0.8229	0.9104
Cs-131	0.8590	1.0115	1.3107	1.4653
Cs-132	2.0626	2.4313	2.8233	3.0228
Cs-134	2.6240	3.1181	3.3149	3.4067
Cs-134m	0.6216	0.7532	1.0970	1.2844
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3517	2.8421	2.9788	3.0820
Cs-136	3.6982	4.3850	4.7255	4.8938
Cs-137	1.4457	1.6774	1.8866	1.9483
Cs-138m	1.2622	1.4839	1.7773	1.8996
Cs-138	2.4084	2.8401	3.0684	3.1042
Cs-139	0.2472	0.2928	0.3148	0.3157
Cs-140	1.6206	1.9135	2.0559	2.0825
Cu-57	0.1265	0.1499	0.1616	0.1643
Cu-59	0.6070	0.7171	0.7833	0.7998
Cu-60	2.4385	2.9006	3.1501	3.1857
Cu-61	0.5312	0.6415	0.9002	1.0304
Cu-62	0.0111	0.0145	0.0271	0.0333
Cu-64	0.0833	0.1236	0.3628	0.4841

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1199	0.1414	0.1520	0.1560
Cu-67	1.0855	1.2775	1.5064	1.6310
Cu-69	0.7094	0.8400	0.8991	0.9222
Dy-148	2.2041	2.6113	3.0041	3.1920
Dy-149	3.5154	4.1714	4.7658	5.0652
Dy-150	1.4461	1.7019	1.9829	2.1073
Dy-151	3.2282	3.8437	4.5112	4.8057
Dy-152	2.2884	2.6773	3.1389	3.3758
Dy-153	4.2221	4.9941	5.8619	6.3053
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8852	3.4012	3.9663	4.2086
Dy-157	2.3423	2.7570	3.2271	3.4349
Dy-159	1.2857	1.5438	1.9121	2.0995
Dy-165m	0.2670	0.3360	0.5836	0.7106
Dy-165	0.2241	0.2615	0.3120	0.3392
Dy-166	0.9761	1.1570	1.5201	1.7155
Dy-167	1.9469	2.2697	2.5888	2.7273
Dy-168	1.8770	2.2123	2.6074	2.7583
Er-154	1.4408	1.7250	2.3321	2.6249
Er-156	1.7222	2.0969	3.0756	3.5630
Er-159	2.6978	3.1834	3.7265	3.9600
Er-161	2.8347	3.3746	3.9859	4.2675
Er-163	1.0783	1.2789	1.6226	1.7810
Er-165	1.0391	1.2335	1.5736	1.7309
Er-167m	0.8859	1.0392	1.3273	1.4275
Er-169	0.0038	0.0057	0.0171	0.0230
Er-171	2.4074	2.7975	3.2985	3.5405
Er-172	2.1559	2.5186	2.9788	3.1743
Er-173	3.7152	4.3621	5.0863	5.3936
Es-249	2.5323	3.0388	3.9416	4.3669
Es-250	6.9011	8.4725	11.9203	13.4203
Es-250m	2.2092	2.6701	3.5129	3.9079
Es-251	1.8107	2.2368	3.3221	3.8119
Es-253	0.0276	0.0366	0.0700	0.0830
Es-254	0.9272	1.2488	2.5326	3.0525
Es-254m	1.2019	1.4606	1.8912	2.0661
Es-255	0.0009	0.0011	0.0012	0.0012
Es-256	0.1467	0.1903	0.3401	0.3977
Eu-142	0.3154	0.3803	0.4141	0.4314
Eu-142m	4.1384	4.9259	5.4570	5.6963

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6131	0.7381	0.8343	0.8856
Eu-144	0.2733	0.3302	0.3716	0.3930
Eu-145	2.4249	2.9252	3.2708	3.4733
Eu-146	4.1884	5.0113	5.4821	5.7365
Eu-147	2.5060	3.0132	3.4583	3.7215
Eu-148	4.8591	5.7528	6.3567	6.6198
Eu-149	1.1618	1.4323	1.8172	2.0422
Eu-150	4.5652	5.3846	6.0121	6.2759
Eu-150m	0.2048	0.2451	0.2814	0.3009
Eu-152	3.0014	3.5807	4.0210	4.2718
Eu-152m	0.8221	0.9905	1.1127	1.1928
Eu-152n	1.4008	1.6429	2.1272	2.4707
Eu-154	2.4888	2.9509	3.2683	3.4448
Eu-154m	1.5621	1.8682	2.5455	2.9589
Eu-155	1.0900	1.2605	1.4572	1.6248
Eu-156	1.4901	1.7689	1.9613	2.0408
Eu-157	1.9021	2.2606	2.7353	2.9835
Eu-158	1.9699	2.3449	2.6322	2.7830
Eu-159	2.2211	2.6384	3.0691	3.3438
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5098	1.8561	2.1206	2.2935
Fe-53	0.5340	0.6185	0.6904	0.7136
Fe-53m	3.5051	4.1531	4.4439	4.5263
Fe-55	0.1074	0.1618	0.4924	0.6605
Fe-59	1.3060	1.5446	1.6667	1.6809
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7524	2.0618	2.2309	2.2781
Fe-62	1.1747	1.3680	1.5014	1.5127
Fm-251	1.7339	2.1159	2.9775	3.4017
Fm-252	0.0745	0.0979	0.1801	0.2107
Fm-253	1.4125	1.7700	2.7941	3.2325
Fm-254	0.0843	0.1095	0.1934	0.2247
Fm-255	0.7746	1.0308	1.9995	2.3755
Fm-256	16.6871	19.6263	21.3217	21.8801
Fm-257	1.8450	2.2584	3.2254	3.6544
Fr-212	2.9687	3.5482	4.6072	5.1082
Fr-219	0.0149	0.0175	0.0206	0.0220
Fr-220	0.2063	0.2606	0.4371	0.5249
Fr-221	0.2270	0.2654	0.3302	0.3565

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.3837	1.6649	2.3159	2.5616
Fr-223	1.0509	1.2736	1.8348	2.0701
Fr-224	1.5312	1.8290	2.2642	2.4439
Fr-227	2.4633	2.8903	3.5641	3.9491
Ga-64	1.7881	2.1276	2.2904	2.3292
Ga-65	1.5072	1.7967	2.2875	2.5966
Ga-66	1.2783	1.5530	1.9768	2.1529
Ga-67	1.5348	1.8721	2.9765	3.5720
Ga-68	0.0714	0.0929	0.1778	0.2200
Ga-70	0.0136	0.0165	0.0209	0.0231
Ga-72	2.6757	3.1976	3.3939	3.4672
Ga-73	1.7735	2.1697	3.4092	4.0107
Ga-74	2.9666	3.4999	3.7647	3.8107
Gd-142	1.3771	1.6428	1.8591	1.9616
Gd-143m	3.5731	4.2292	4.7528	5.0214
Gd-144	0.9583	1.1536	1.3326	1.4239
Gd-145m	1.3272	1.6039	1.9300	2.1022
Gd-145	2.1335	2.5564	2.8491	2.9684
Gd-146	4.3167	5.1937	5.9454	6.5056
Gd-147	4.2582	5.0374	5.6732	5.9688
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.2030	3.8529	4.3618	4.6802
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3702	1.6843	2.1582	2.4253
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.3238	2.7655	3.2351	3.5627
Gd-159	0.4296	0.5075	0.5993	0.6426
Gd-162	1.2870	1.5044	1.7424	1.8305
Ge-66	2.1906	2.6554	3.7623	4.3161
Ge-67	1.6134	1.9686	2.1574	2.2882
Ge-68	0.2645	0.3983	1.2096	1.6213
Ge-69	1.1026	1.3698	2.0836	2.4264
Ge-71	0.2682	0.4040	1.2268	1.6444
Ge-75	0.1732	0.1987	0.2226	0.2330
Ge-77	2.9693	3.4496	3.8455	3.9651
Ge-78	1.2915	1.4822	1.6490	1.7228
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6118	1.8839	2.2769	2.4547
Hf-169	2.3505	2.7527	3.3295	3.5732
Hf-170	3.2032	3.8090	4.8276	5.3613

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.5138	3.0157	4.2904	4.9528
Hf-173	3.8990	4.5837	5.4500	5.9675
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4690	2.8862	3.5561	3.8654
Hf-177m	13.4310	15.6773	18.7088	20.0822
Hf-178m	9.5526	11.1081	13.1705	14.0640
Hf-179m	5.5563	6.5581	8.0139	8.7326
Hf-180m	4.9671	5.7778	6.8756	7.3229
Hf-181	2.4069	2.8435	3.3700	3.6424
Hf-182	1.4007	1.6260	1.8762	2.0106
Hf-182m	4.2437	4.9921	6.0628	6.5894
Hf-183	2.1821	2.5704	2.8643	3.0673
Hf-184	2.2943	2.8418	4.2940	5.0665
Hg-190	2.9061	3.5205	4.6715	5.4068
Hg-191m	4.7575	5.6093	7.0123	7.7681
Hg-192	2.8496	3.3993	4.6396	5.3626
Hg-193	2.8848	3.4520	4.5679	5.1886
Hg-193m	2.8217	3.3397	4.1555	4.5952
Hg-194	0.1640	0.2455	0.6948	0.9112
Hg-195	1.7490	2.1258	3.1620	3.7488
Hg-195m	1.7761	2.2076	3.6746	4.4312
Hg-197	1.5995	1.9376	2.9382	3.5318
Hg-197m	1.4536	1.7946	2.7419	3.2755
Hg-199m	2.0382	2.4943	3.3096	3.8167
Hg-203	1.2703	1.4685	1.7149	1.8434
Hg-205	0.0433	0.0505	0.0621	0.0663
Hg-206	0.5985	0.6966	0.8283	0.8963
Hg-207	3.4493	4.0548	4.5464	4.7482
Ho-150	1.8191	2.1807	2.3432	2.4363
Ho-153	2.3479	2.7508	3.1537	3.3391
Ho-153m	2.7550	3.2468	3.7568	4.0187
Ho-154m	5.5492	6.4816	7.2353	7.4800
Ho-154	2.8994	3.3954	3.7924	3.9348
Ho-155	2.3355	2.7702	3.3630	3.6492
Ho-156	4.1582	4.9144	5.5513	5.8799
Ho-157	3.5646	4.2151	5.0389	5.4324
Ho-159	4.0023	4.7336	5.5962	6.0782
Ho-160	4.2178	5.0088	5.7506	6.1210
Ho-161	1.6215	1.9461	2.5743	2.8923
Ho-162	1.4197	1.6938	2.1480	2.3793

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.5728	3.0792	3.9110	4.3029
Ho-163	0.0043	0.0065	0.0198	0.0265
Ho-164	0.7957	0.9499	1.2197	1.3561
Ho-164m	1.3807	1.6861	2.5123	2.9216
Ho-166	0.2842	0.3398	0.4879	0.5705
Ho-166m	4.5463	5.3966	6.1266	6.4763
Ho-167	1.7216	1.9977	2.3154	2.4395
Ho-168	1.7076	2.0480	2.3291	2.4865
Ho-168m	0.2351	0.2989	0.5468	0.6703
Ho-170	4.0890	4.8327	5.5492	5.9148
I-118m	5.0753	5.9693	6.4793	6.6618
I-118	1.7409	2.0446	2.2261	2.2836
I-119	1.8601	2.1543	2.5005	2.6752
I-120	2.2028	2.5958	2.8739	2.9517
I-120m	4.4229	5.1906	5.6782	5.8257
I-121	2.2030	2.5674	3.0902	3.2784
I-122	0.4594	0.5412	0.6361	0.6778
I-123	2.2332	2.7135	3.1385	3.4262
I-124	1.8152	2.1402	2.4837	2.6376
I-125	1.6463	1.9511	2.5533	2.8622
I-126	1.3509	1.5863	1.8379	1.9544
I-128	0.2290	0.2672	0.3086	0.3238
I-129	0.9104	1.0756	1.3642	1.5175
I-130m	0.4216	0.5005	0.6474	0.7148
I-130	3.9460	4.6503	4.9970	5.1189
I-131	1.5408	1.8549	2.0084	2.2133
I-132	3.5162	4.1756	4.4427	4.5660
I-132m	1.1308	1.3543	1.6802	1.8413
I-133	1.2421	1.4523	1.5828	1.6050
I-134m	2.1297	2.4796	2.9481	3.1828
I-134	3.6876	4.3916	4.6750	4.8126
I-135	1.6484	1.9474	2.0998	2.1217
In-103	2.7376	3.2465	3.5688	3.6585
In-105	2.5099	2.9725	3.3185	3.4922
In-106	4.3709	5.1682	5.5979	5.7792
In-106m	2.0105	2.3737	2.5762	2.6399
In-107	2.3490	2.7719	3.2433	3.3718
In-108	5.8699	6.9426	7.6874	7.9804
In-108m	2.1938	2.6026	2.9245	3.0271
In-109	2.4880	2.9313	3.5342	3.7198

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.1415	1.3435	1.4535	1.5053
In-110	5.3863	6.4127	7.1231	7.4441
In-110m	1.6107	1.9113	2.1542	2.2541
In-111	3.4102	4.0599	4.7474	5.0702
In-111m	1.1183	1.3079	1.4585	1.4943
In-112	0.3296	0.3985	0.5280	0.5798
In-112m	0.7841	0.9537	1.2245	1.3606
In-113m	1.0480	1.2247	1.4305	1.5102
In-114	0.0062	0.0075	0.0095	0.0102
In-114m	0.6847	0.8197	1.0432	1.1360
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9325	1.0955	1.3221	1.4138
In-116m	2.6630	3.1480	3.3962	3.4298
In-117	2.5689	3.0960	3.3233	3.4779
In-117m	0.6957	0.8348	0.9708	1.0430
In-118m	3.3325	3.9394	4.2380	4.3003
In-118	0.0822	0.0973	0.1050	0.1051
In-119	1.3522	1.6373	1.8255	1.9306
In-119m	0.1784	0.2145	0.2778	0.3048
In-121	1.3455	1.5965	1.7042	1.7629
In-121m	0.7089	0.8341	1.0136	1.1104
Ir-180	3.3926	4.0225	4.8486	5.3213
Ir-182	3.2957	3.9006	4.7861	5.2882
Ir-183	3.4347	4.0861	5.2885	5.9473
Ir-184	4.9670	5.8669	7.1594	7.8543
Ir-185	3.1435	3.7950	5.3667	6.2213
Ir-186	4.8064	5.6965	6.9048	7.5633
Ir-186m	2.7949	3.3393	4.0588	4.4737
Ir-187	2.1687	2.6073	3.6494	4.2329
Ir-188	3.5119	4.2017	5.0935	5.5718
Ir-189	1.4986	1.8175	2.7471	3.2662
Ir-190	5.2655	6.1993	7.3923	7.9410
Ir-190m	0.1507	0.2267	0.6787	0.9058
Ir-190n	1.2523	1.5078	2.1690	2.5500
Ir-191m	1.4471	1.7806	2.7601	3.3135
Ir-192	2.9310	3.3990	3.8460	4.0055
Ir-192m	0.1774	0.2662	0.7690	1.0152
Ir-192n	0.3782	0.5643	1.6089	2.1204
Ir-193m	0.1556	0.2320	0.6789	0.9033
Ir-194	0.2680	0.3111	0.3484	0.3619

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	6.1817	7.2127	8.0816	8.3948
Ir-195	1.1878	1.4331	2.1362	2.5425
Ir-195m	1.9637	2.3259	2.9909	3.3451
Ir-196	0.5405	0.6340	0.6997	0.7259
Ir-196m	6.6508	7.7721	8.8805	9.3158
K-38	1.2004	1.4275	1.5319	1.5307
K-40	0.1322	0.1573	0.1754	0.1792
K-42	0.2258	0.2672	0.2862	0.2879
K-43	2.3732	2.7571	3.0090	3.0917
K-44	1.8525	2.1962	2.3578	2.3739
K-45	2.3208	2.7766	2.9853	3.0544
K-46	1.8386	2.1828	2.3449	2.3304
Kr-74	2.0216	2.3931	3.0475	3.3879
Kr-75	1.8394	2.2327	2.6113	2.8738
Kr-76	2.2574	2.7605	3.9590	4.4615
Kr-77	1.9709	2.3780	2.7556	3.0367
Kr-79	0.8936	1.1475	1.9756	2.3238
Kr-81	0.3553	0.5273	1.3128	1.6457
Kr-81m	1.0979	1.3250	1.6985	1.8129
Kr-83m	0.1534	0.2278	0.5807	0.7344
Kr-85	0.0051	0.0060	0.0065	0.0066
Kr-85m	1.3350	1.6354	1.7986	1.9361
Kr-87	0.9937	1.1642	1.2651	1.2893
Kr-88	1.7756	2.1185	2.3907	2.4447
Kr-89	2.1179	2.4956	2.7154	2.7609
La-128	3.9720	4.6354	5.1048	5.2651
La-129	1.8191	2.1143	2.4399	2.6106
La-130	2.8991	3.3909	3.7540	3.8767
La-131	2.4012	2.7906	3.2581	3.5015
La-132	2.6758	3.1368	3.5292	3.6606
La-132m	2.4693	2.9219	3.3565	3.6084
La-133	1.0698	1.2721	1.7184	1.9472
La-134	0.4294	0.5044	0.6232	0.6841
La-135	0.9427	1.1077	1.4096	1.5685
La-136	0.6351	0.7475	0.9438	1.0479
La-137	0.8890	1.0453	1.3386	1.4939
La-138	1.6749	1.9930	2.2534	2.3610
La-140	2.6129	3.0842	3.3232	3.3804
La-141	0.0234	0.0277	0.0298	0.0298
La-142	1.8507	2.1919	2.3481	2.3758

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.2642	0.3126	0.3352	0.3402
Lu-165	3.4915	4.1084	4.9329	5.3393
Lu-167	3.7921	4.4770	5.4612	5.8951
Lu-169m	0.1084	0.1633	0.4966	0.6658
Lu-169	3.5397	4.1797	5.0631	5.4549
Lu-170	3.4070	4.0343	4.8192	5.1401
Lu-171m	0.1206	0.1793	0.5300	0.7083
Lu-171	3.1585	3.7920	5.0900	5.7246
Lu-172	4.6817	5.5479	6.6618	7.1903
Lu-172m	0.0975	0.1468	0.4464	0.5986
Lu-173	2.8416	3.3271	4.2199	4.6655
Lu-174	1.3858	1.6445	2.2470	2.5420
Lu-174m	1.4966	1.8288	2.8584	3.3841
Lu-176	3.1026	3.6177	4.4565	4.7905
Lu-176m	0.3208	0.3882	0.6113	0.7374
Lu-177	0.3514	0.4107	0.5129	0.5608
Lu-177m	7.0806	8.2888	9.9194	10.6924
Lu-178	0.3239	0.3864	0.5252	0.5977
Lu-178m	5.8119	6.7268	7.9303	8.5121
Lu-179	0.1965	0.2272	0.2636	0.2731
Lu-180	2.8536	3.3520	3.9057	4.1209
Lu-181	2.2274	2.6575	3.4350	3.8182
Mg-27	1.2266	1.4691	1.5510	1.6009
Mg-28	2.4146	2.8292	3.1550	3.2744
Mn-50m	4.0687	4.8480	5.1635	5.2523
Mn-51	0.0088	0.0114	0.0197	0.0239
Mn-52	3.6990	4.4245	4.8890	5.0801
Mn-52m	1.2258	1.4518	1.5638	1.5684
Mn-53	0.0874	0.1317	0.4010	0.5379
Mn-54	1.2779	1.5688	1.9053	2.0922
Mn-56	1.7107	2.0516	2.1660	2.2174
Mn-57	0.5522	0.7028	1.1948	1.4382
Mn-58m	2.7145	3.2406	3.4462	3.4998
Mo-101	2.1669	2.5648	2.9061	3.0171
Mo-102	0.1428	0.1689	0.1885	0.1972
Mo-89	0.2707	0.3238	0.3616	0.3720
Mo-90	3.2512	3.8834	4.8696	5.2525
Mo-91m	1.1608	1.3756	1.5118	1.5472
Mo-91	0.0443	0.0569	0.0913	0.1003
Mo-93	0.5070	0.6688	1.1833	1.3223

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.3289	3.9367	4.3964	4.5415
Mo-99	0.4105	0.4953	0.5499	0.5764
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8492	1.0200	1.0767	1.0583
Na-22	1.2284	1.4562	1.5714	1.5605
Na-24	2.4126	2.8715	3.0780	3.0556
Nb-87	2.1322	2.5403	3.2109	3.3801
Nb-88m	4.4480	5.2344	5.6898	5.8282
Nb-88	5.5615	6.5682	7.4354	7.7323
Nb-89	0.5142	0.6292	0.8018	0.8427
Nb-89m	1.1537	1.3649	1.5934	1.6384
Nb-90	3.9892	4.8129	5.5549	5.8000
Nb-91	0.4897	0.6573	1.2217	1.3825
Nb-91m	0.4622	0.6054	1.0487	1.1700
Nb-92	2.8886	3.4817	4.2408	4.4735
Nb-92m	1.7557	2.1634	2.8264	3.0396
Nb-93m	0.0966	0.1285	0.2389	0.2732
Nb-94m	0.3521	0.4641	0.8196	0.9176
Nb-94	2.3548	2.8149	2.9713	3.0673
Nb-95	1.1684	1.4105	1.4741	1.5224
Nb-95m	0.7002	0.8617	1.2597	1.3701
Nb-96	3.8066	4.5205	4.8302	4.9452
Nb-97	1.1733	1.3821	1.4763	1.5218
Nb-98m	3.7238	4.4544	4.7216	4.8448
Nb-99	2.3063	2.7524	3.2269	3.5185
Nb-99m	0.8554	1.0095	1.1296	1.1674
Nd-134	2.6275	3.1535	3.5526	3.8138
Nd-135	2.9451	3.4816	4.0612	4.3074
Nd-136	2.4109	2.8824	3.3980	3.7365
Nd-137	2.6745	3.1751	3.6177	3.8763
Nd-138	1.0177	1.2270	1.4893	1.6457
Nd-139	1.0042	1.2036	1.4228	1.5478
Nd-139m	4.0110	4.7743	5.3374	5.6925
Nd-140	0.9269	1.1210	1.3705	1.5218
Nd-141	0.9488	1.1466	1.3945	1.5442
Nd-141m	1.1486	1.3847	1.4652	1.5219
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2079	1.4240	1.6221	1.7695
Nd-149	2.1057	2.4674	2.7833	2.9456
Nd-151	2.4479	2.8827	3.1571	3.3384

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.8778	1.0280	1.2508	1.3506
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.2807	1.4917	1.6338	1.6567
Ni-56	4.2778	5.2099	5.9594	6.4252
Ni-57	1.5586	1.8727	2.2712	2.4330
Ni-59	0.1516	0.2284	0.6953	0.9326
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5591	0.6598	0.7106	0.7178
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.0839	4.9071	6.3472	7.0034
Np-233	1.4685	1.7539	2.4511	2.8037
Np-234	2.3906	2.8921	3.9136	4.3602
Np-235	0.3460	0.4820	1.0497	1.2757
Np-236	2.8738	3.6131	5.6265	6.5060
Np-236m	0.8049	0.9718	1.4094	1.6202
Np-237	0.9709	1.2391	2.1313	2.5083
Np-238	1.0748	1.3255	1.8269	2.0184
Np-239	2.2009	2.6419	3.7083	4.2086
Np-240	3.2676	3.9917	5.4299	6.0063
Np-240m	0.8681	1.0704	1.5170	1.6791
Np-241	0.5593	0.6759	0.9446	1.0727
Np-242	0.3337	0.4055	0.4930	0.5248
Np-242m	2.7249	3.3991	4.7336	5.2857
O-14	1.1914	1.4197	1.5199	1.5123
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0907	2.4409	2.7354	2.7572
Os-180	1.6814	2.0452	3.0851	3.6334
Os-181	4.2239	5.0108	6.2233	6.8925
Os-182	2.7596	3.2980	4.3565	4.8994
Os-183	4.0466	4.7759	6.0349	6.7420
Os-183m	2.3277	2.7691	3.4743	3.8465
Os-185	2.2561	2.6806	3.3425	3.7136
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1437	0.2163	0.6507	0.8697
Os-190m	4.9906	5.8968	7.1068	7.5950
Os-191	1.5701	1.9217	2.9030	3.4653
Os-191m	0.2683	0.3625	0.8313	1.0726
Os-193	0.5033	0.6051	0.8366	0.9664
Os-194	0.1976	0.2765	0.6584	0.8482
Os-196	0.5354	0.6298	0.7818	0.8687

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0009	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5313	0.6650	1.0832	1.2742
Pa-228	4.1725	5.0593	6.8879	7.7083
Pa-229	1.2525	1.5160	2.2407	2.6056
Pa-230	2.3938	2.9010	4.0022	4.5125
Pa-231	0.7810	1.0372	2.0241	2.4357
Pa-232	2.1657	2.6492	3.4622	3.7937
Pa-233	1.7757	2.1502	3.0835	3.4866
Pa-234	4.2235	5.1340	6.7510	7.4573
Pa-234m	0.0344	0.0417	0.0542	0.0598
Pa-235	0.0514	0.0774	0.2349	0.3148
Pa-236	1.5216	1.8477	2.4053	2.6213
Pa-237	1.0598	1.2719	1.4729	1.5659
Pb-194	3.4524	4.0832	5.1294	5.7109
Pb-195m	4.7433	5.6465	7.1567	7.9339
Pb-196	3.0973	3.6515	4.6893	5.2920
Pb-197	3.2829	3.8845	4.7194	5.1800
Pb-197m	4.1698	4.9462	6.2913	6.9963
Pb-198	2.9821	3.5317	4.5419	5.1376
Pb-199	2.7671	3.2711	4.0671	4.5181
Pb-200	2.6553	3.1963	4.2978	4.9845
Pb-201	3.1300	3.6887	4.5958	5.1094
Pb-201m	1.1432	1.3540	1.6879	1.8817
Pb-202	0.1536	0.2306	0.6659	0.8788
Pb-202m	3.8610	4.5763	5.1973	5.4855
Pb-203	2.5377	2.9817	3.8502	4.3678
Pb-204m	3.5999	4.2589	4.6502	4.8427
Pb-205	0.1555	0.2334	0.6740	0.8895
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2431	0.3435	0.7951	0.9960
Pb-211	0.1459	0.1724	0.1944	0.2052
Pb-212	1.2348	1.4431	1.8222	2.0415
Pb-214	1.3023	1.5287	1.9049	2.0954
Pd-100	2.8251	3.3550	4.2044	4.6127
Pd-101	1.8653	2.2814	3.0982	3.3196
Pd-103	0.6575	0.8270	1.2368	1.3438
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0649	1.2710	1.5308	1.5989

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3984	0.4868	0.6888	0.7689
Pd-111	0.0911	0.1069	0.1180	0.1222
Pd-112	0.2391	0.3098	0.5195	0.5784
Pd-114	0.1857	0.2166	0.2427	0.2573
Pd-96	2.9634	3.5463	4.0746	4.3116
Pd-97	2.5735	3.0349	3.4245	3.5374
Pd-98	2.4791	2.9499	3.6062	3.8882
Pd-99	2.4503	2.9358	3.3776	3.5883
Pm-136	3.7279	4.3894	4.7538	4.9059
Pm-137m	4.3973	5.1767	5.7997	6.1311
Pm-139	0.7832	0.9302	1.0623	1.1316
Pm-140m	4.0963	4.8556	5.2689	5.4589
Pm-140	0.3023	0.3630	0.4055	0.4282
Pm-141	0.6977	0.8419	0.9846	1.0639
Pm-142	0.2760	0.3341	0.3953	0.4315
Pm-143	1.3924	1.6876	1.9572	2.1268
Pm-144	3.8331	4.5481	5.0410	5.2909
Pm-145	0.9695	1.1794	1.4414	1.6049
Pm-146	2.1002	2.5003	2.7943	2.9402
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7071	0.8340	0.8975	0.9108
Pm-148m	3.9943	4.6835	5.0807	5.2297
Pm-149	0.0495	0.0576	0.0666	0.0708
Pm-150	2.2474	2.6399	2.8669	2.9263
Pm-151	1.6581	1.9620	2.2036	2.3393
Pm-152m	3.8227	4.4871	4.9817	5.2444
Pm-152	0.7012	0.8337	0.9236	0.9861
Pm-153	1.0376	1.2343	1.4519	1.6071
Pm-154	2.1098	2.5131	2.7906	2.9238
Pm-154m	3.6024	4.2640	4.7494	4.9810
Po-203	3.6071	4.3004	5.3297	5.8965
Po-204	4.8931	5.8708	7.9063	9.0603
Po-205	3.4623	4.1308	5.0500	5.5994
Po-206	3.9771	4.7736	6.3435	7.1627
Po-207	3.1495	3.7398	4.5774	5.0799
Po-208	0.0001	0.0001	0.0001	0.0002
Po-209	0.0304	0.0382	0.0667	0.0819
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0136	0.0161	0.0174	0.0179
Po-212m	0.0550	0.0651	0.0702	0.0705

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0006	0.0006	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.2105	6.1019	6.7046	6.9223
Pr-134m	2.3908	2.7997	3.0831	3.1728
Pr-135	1.9460	2.2859	2.6552	2.8598
Pr-136	2.6745	3.1446	3.4858	3.5937
Pr-137	0.8456	1.0122	1.2227	1.3431
Pr-138	0.2860	0.3430	0.4121	0.4524
Pr-138m	4.5573	5.4003	5.9631	6.2453
Pr-139	0.8793	1.0539	1.2974	1.4389
Pr-140	0.4688	0.5619	0.6917	0.7673
Pr-142	0.0451	0.0534	0.0571	0.0576
Pr-142m	0.0069	0.0104	0.0316	0.0423
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0277	0.0329	0.0350	0.0357
Pr-144m	0.3926	0.4826	0.6619	0.7627
Pr-145	0.0401	0.0476	0.0525	0.0555
Pr-146	1.3122	1.5440	1.6695	1.6943
Pr-147	2.3936	2.8420	3.2707	3.5352
Pr-148	1.6911	1.9776	2.1591	2.2152
Pr-148m	2.4910	2.8980	3.1804	3.2774
Pt-184	5.6138	6.7257	8.9360	10.1983
Pt-186	2.8740	3.4246	4.3913	4.9492
Pt-187	3.5020	4.1673	5.5307	6.3120
Pt-188	2.4090	2.8860	3.9827	4.5780
Pt-189	3.2087	3.8317	5.1907	5.9781
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8851	3.4388	4.6817	5.4085
Pt-193	0.1603	0.2409	0.7046	0.9335
Pt-193m	0.3886	0.5131	1.0853	1.3819
Pt-195m	1.7428	2.1545	3.5765	4.3618
Pt-197	0.4774	0.5938	1.0061	1.2324
Pt-197m	1.1464	1.4266	2.3982	2.9113
Pt-199	0.6328	0.7459	0.8925	0.9554
Pt-200	0.9011	1.0951	1.6434	1.9567
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0936	1.3075	1.8248	2.0839
Pu-234	1.2268	1.4753	2.1051	2.4128
Pu-235	1.6198	1.9619	2.8639	3.2897
Pu-236	0.1116	0.1541	0.3215	0.3844
Pu-237	1.0847	1.3371	2.0797	2.4141
Pu-238	0.1028	0.1420	0.2969	0.3551
Pu-239	0.0539	0.0756	0.1720	0.2123
Pu-240	0.0967	0.1336	0.2792	0.3339
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0830	0.1146	0.2395	0.2864
Pu-243	0.4772	0.5672	0.7686	0.8849
Pu-244	0.0948	0.1256	0.2316	0.2714
Pu-245	1.4241	1.6806	2.0229	2.1780
Pu-246	1.9330	2.3269	3.0989	3.4440
Ra-219	0.9303	1.0866	1.3238	1.4439
Ra-220	0.0124	0.0144	0.0160	0.0164
Ra-221	0.5951	0.7531	1.1783	1.3882
Ra-222	0.0385	0.0446	0.0509	0.0532
Ra-223	1.4443	1.7210	2.3095	2.6565
Ra-224	0.0639	0.0740	0.0884	0.0950
Ra-225	0.4774	0.6106	0.8595	0.9778
Ra-226	1.3068	1.5289	1.7832	1.7345
Ra-227	1.2081	1.5098	2.4280	2.8203
Ra-228	1.3694	1.6060	1.8187	1.7722
Ra-230	0.7200	0.8595	1.1701	1.3279
Rb-77	1.9626	2.3165	2.6248	2.7998
Rb-78m	3.0608	3.5995	3.9185	4.0048
Rb-78	2.3253	2.7568	3.0552	3.1020
Rb-79	2.2175	2.6993	3.2768	3.5436
Rb-80	0.3455	0.4066	0.4486	0.4650
Rb-81	0.7985	1.0178	1.6221	1.8433
Rb-81m	0.4061	0.5594	1.1003	1.2977
Rb-82	0.2081	0.2563	0.3010	0.3217
Rb-82m	4.2594	5.1415	6.0472	6.3919
Rb-83	1.4606	1.8252	2.7152	3.0312
Rb-84	1.1175	1.4132	1.9879	2.2210
Rb-84m	1.7633	2.0690	2.5214	2.6730
Rb-86m	1.1586	1.3540	1.4842	1.5126
Rb-86	0.1091	0.1288	0.1387	0.1416
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.4893	0.5821	0.6212	0.6296
Rb-89	2.0930	2.4767	2.6623	2.6952
Rb-90	1.1133	1.3343	1.4130	1.4263
Rb-90m	2.5329	3.0370	3.2309	3.2828
Re-178	3.0146	3.5643	4.4951	4.9764
Re-179	3.7279	4.3925	5.4189	5.9272
Re-180	3.1144	3.7184	4.7042	5.2626
Re-181	3.6563	4.3255	5.5157	6.1361
Re-182	7.2798	8.6134	10.7352	11.8603
Re-182m	3.7500	4.4398	5.5784	6.2114
Re-183	2.6991	3.2606	4.6002	5.3426
Re-184	2.8026	3.3512	4.1992	4.6886
Re-184m	2.5018	2.9980	4.1440	4.7705
Re-186	0.3131	0.3783	0.5006	0.5762
Re-186m	0.7199	0.9709	2.1826	2.8006
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3718	0.4565	0.5434	0.6036
Re-188m	1.5834	1.9236	2.9704	3.5580
Re-189	0.4088	0.4865	0.6427	0.7173
Re-190	3.7642	4.4171	4.9634	5.1620
Re-190m	3.2238	3.8032	4.5755	4.9425
Rh-100m	1.0713	1.3219	1.8759	2.0434
Rh-100	3.4503	4.1260	4.8146	4.9627
Rh-101	2.9381	3.5025	4.3000	4.5604
Rh-101m	1.7427	2.0844	2.6646	2.8238
Rh-102	1.1322	1.3612	1.7204	1.8053
Rh-102m	4.3880	5.2200	6.0075	6.2322
Rh-103m	0.0809	0.1043	0.1795	0.2070
Rh-104	0.0279	0.0329	0.0374	0.0385
Rh-104m	1.3294	1.5904	2.0515	2.1769
Rh-105	0.3165	0.3655	0.4066	0.4189
Rh-106	0.4047	0.4728	0.5146	0.5229
Rh-106m	4.5084	5.3127	5.7321	5.8441
Rh-107	1.2273	1.4165	1.5733	1.6265
Rh-108	0.7703	0.8956	0.9805	1.0018
Rh-109	1.3968	1.6252	1.8363	1.9132
Rh-94	2.9128	3.4535	3.7084	3.7648
Rh-95	2.0450	2.4409	2.7219	2.7989
Rh-95m	1.2060	1.4208	1.5795	1.6103
Rh-96	4.6782	5.5792	6.0441	6.2323

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2479	1.5126	1.7698	1.8482
Rh-97	1.7549	2.0826	2.4193	2.5097
Rh-97m	2.8759	3.4422	4.0588	4.1973
Rh-98	1.3864	1.6393	1.7918	1.8483
Rh-99	2.5458	3.0388	3.8377	4.0952
Rh-99m	1.9860	2.3732	2.9531	3.1080
Rn-207	2.7429	3.2342	3.9102	4.2855
Rn-209	3.0621	3.6173	4.3894	4.8170
Rn-210	0.2179	0.2599	0.3367	0.3769
Rn-211	3.7889	4.5079	5.4067	5.8707
Rn-212	0.0006	0.0007	0.0007	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0017	0.0019	0.0019
Rn-219	0.2583	0.2991	0.3465	0.3695
Rn-220	1.4424	1.6646	1.8560	1.9712
Rn-222	0.0009	0.0011	0.0012	0.0012
Rn-223	1.3731	1.6851	2.4410	2.8023
Ru-103	1.1739	1.3674	1.5049	1.5194
Ru-105	1.7080	2.0223	2.2385	2.3239
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7079	0.8316	0.9153	0.9370
Ru-108	0.6495	0.7954	0.8848	0.9464
Ru-92	5.9939	7.1176	8.5887	9.0652
Ru-94	1.8518	2.2304	2.8423	3.0119
Ru-95	2.4851	2.9644	3.5822	3.7490
Ru-97	1.9660	2.3466	3.0509	3.2153
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1133	1.3323	1.4241	1.4028
S-38	1.0485	1.2433	1.3361	1.3418
Sb-111	2.1617	2.6007	2.8411	3.0023
Sb-113	1.6166	1.8915	2.1613	2.2486
Sb-114	2.0631	2.4470	2.6841	2.7291
Sb-115	1.7394	2.0435	2.3952	2.5160
Sb-116	1.9549	2.3242	2.6151	2.6965
Sb-116m	5.5794	6.5768	7.4168	7.7893
Sb-117	2.1625	2.6454	3.0617	3.3497
Sb-118	0.2612	0.3122	0.4014	0.4446
Sb-118m	5.5294	6.5212	7.4780	7.9015

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.9608	1.1588	1.5982	1.8158
Sb-120	0.4893	0.5858	0.7756	0.8714
Sb-120m	5.9159	6.9103	7.8473	8.2795
Sb-122m	1.8565	2.1695	2.6334	2.9228
Sb-122	0.9160	1.0710	1.1683	1.1935
Sb-124	2.2426	2.6393	2.8351	2.8905
Sb-124m	0.9019	1.0610	1.2049	1.2582
Sb-124n	0.0240	0.0362	0.1100	0.1476
Sb-125	1.6565	1.9447	2.2676	2.4112
Sb-126	5.1184	6.0372	6.4690	6.6636
Sb-126m	3.0812	3.6207	3.9071	4.0266
Sb-127	1.4723	1.7313	1.8778	1.9375
Sb-128	5.6728	6.7131	7.1871	7.3957
Sb-128m	3.6808	4.3675	4.6730	4.8222
Sb-129	1.9961	2.3739	2.5309	2.5975
Sb-130m	4.3180	5.1717	5.5102	5.6841
Sb-130	6.2267	7.4037	7.9686	8.2178
Sb-131	2.5233	2.9857	3.2021	3.2824
Sb-133	2.6642	3.1580	3.3855	3.4332
Sc-42m	3.6568	4.3001	4.6569	4.6924
Sc-43	0.2825	0.3281	0.3768	0.3946
Sc-44	1.2620	1.4933	1.6162	1.6331
Sc-44m	1.1712	1.3461	1.5119	1.5896
Sc-46	2.4735	2.9417	3.1371	3.2096
Sc-47	1.0082	1.2497	1.3003	1.3839
Sc-48	3.8764	4.5841	4.9287	5.0201
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.5425	4.1718	4.5022	4.5487
Se-70	1.9415	2.4246	4.0575	4.8258
Se-71	1.4116	1.7081	1.8628	1.9764
Se-72	1.1882	1.5465	2.9078	3.5671
Se-73	2.3388	2.7501	3.4517	3.8268
Se-73m	0.2789	0.3506	0.5910	0.7084
Se-75	2.8060	3.3928	4.6754	5.3700
Se-77m	0.9386	1.1986	1.6335	1.8734
Se-79m	0.4066	0.5573	1.2551	1.5860
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0239	0.0277	0.0305	0.0317
Se-81m	0.4606	0.6188	1.3225	1.6581
Se-83m	1.2334	1.4518	1.5656	1.6047

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.1175	4.8333	5.2576	5.3634
Se-84	1.2345	1.4282	1.5722	1.6124
Si-31	0.0009	0.0010	0.0011	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.1195	2.4904	2.7839	2.9167
Sm-140	1.6239	1.9512	2.2530	2.4296
Sm-141	1.9170	2.2635	2.5326	2.6422
Sm-141m	3.9750	4.7149	5.2783	5.4911
Sm-142	0.9064	1.1101	1.3307	1.4721
Sm-143	0.5835	0.7125	0.8471	0.9316
Sm-143m	1.1496	1.3866	1.4695	1.5277
Sm-145	1.8898	2.3026	2.7367	3.0193
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0012	0.0032	0.0041
Sm-153	1.3194	1.5632	1.8115	1.9909
Sm-155	1.4123	1.6187	1.7938	1.9592
Sm-156	1.2248	1.4461	1.7609	1.9436
Sm-157	1.9650	2.3008	2.6146	2.7027
Sn-106	3.2061	3.7707	4.3708	4.6286
Sn-108	3.1788	3.7364	4.3650	4.6602
Sn-109	2.8440	3.3759	3.8785	4.0550
Sn-110	2.0150	2.3597	2.8532	3.0727
Sn-111	0.7039	0.8462	1.0941	1.2033
Sn-113	0.7846	0.9460	1.2790	1.4309
Sn-113m	0.5493	0.6603	0.8996	1.0206
Sn-117m	2.0305	2.4906	2.8576	3.1231
Sn-119m	0.6279	0.7631	1.0919	1.2532
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2034	0.2468	0.3558	0.4120
Sn-123	0.0080	0.0095	0.0102	0.0104
Sn-123m	1.3838	1.7071	1.8195	1.9453
Sn-125m	1.2763	1.4743	1.6357	1.6840
Sn-125	0.4088	0.4844	0.5191	0.5310
Sn-126	1.1978	1.3882	1.6942	1.9161
Sn-127m	1.1735	1.3677	1.5011	1.5141
Sn-127	2.6180	3.0919	3.3470	3.4332
Sn-128	3.4177	4.0169	4.7866	5.1842
Sn-129	1.5426	1.8159	1.9472	1.9984

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.5267	4.1479	4.6692	4.9149
Sn-130m	2.1582	2.5576	2.8489	3.0297
Sr-79	1.4421	1.7435	2.1820	2.3857
Sr-80	1.2150	1.5276	2.2439	2.4916
Sr-81	2.0082	2.4304	2.7305	2.8973
Sr-82	0.4006	0.5819	1.2648	1.5018
Sr-83	1.4756	1.8939	2.9020	3.2588
Sr-85	1.5337	1.9043	2.7276	2.9824
Sr-85m	1.4144	1.6616	1.9831	2.1065
Sr-87m	1.0752	1.2623	1.4962	1.5704
Sr-89	0.0001	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9975	1.1823	1.2614	1.2989
Sr-92	1.2679	1.4995	1.6162	1.6201
Sr-93	3.2705	3.8891	4.2590	4.3867
Sr-94	1.2671	1.5016	1.6104	1.6155
Ta-170	1.5590	1.8413	2.3832	2.6701
Ta-172	3.5075	4.1351	5.0763	5.5055
Ta-173	2.7953	3.3419	4.4125	4.9816
Ta-174	2.8174	3.3214	4.2649	4.6946
Ta-175	3.8210	4.5026	5.5363	6.0530
Ta-176	3.6079	4.2805	5.2468	5.6886
Ta-177	1.3672	1.6185	2.1679	2.4590
Ta-178	1.4083	1.6707	2.2731	2.5911
Ta-178m	7.1861	8.3479	10.0512	10.8879
Ta-179	0.6636	0.8036	1.2203	1.4348
Ta-180	1.1515	1.3663	1.8735	2.1428
Ta-182	3.1390	3.7058	4.4511	4.8528
Ta-182m	3.3314	4.0536	5.4563	6.2217
Ta-183	3.0857	3.6813	4.9796	5.6863
Ta-184	4.8116	5.6627	6.7675	7.3139
Ta-185	1.7103	2.0767	2.8367	3.2464
Ta-186	4.5745	5.3646	6.1670	6.4856
Tb-146	2.7511	3.2596	3.5520	3.6291
Tb-147m	1.9679	2.3510	2.6565	2.7639
Tb-147	3.4624	4.1271	4.5875	4.8072
Tb-148m	5.7654	6.8491	7.4661	7.7803
Tb-148	2.5453	3.0493	3.3306	3.4605
Tb-149m	2.6133	3.1534	3.4863	3.6889
Tb-149	3.1602	3.7744	4.2318	4.4581

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	5.8470	6.9000	7.6171	7.9275
Tb-150	3.0267	3.5971	4.0110	4.1790
Tb-151	4.2404	5.0034	5.7339	6.1048
Tb-151m	0.7158	0.8957	1.5234	1.8287
Tb-152m	3.7711	4.4550	5.2077	5.5675
Tb-152	2.8207	3.3360	3.7809	3.9690
Tb-153	2.7202	3.2372	3.8624	4.1926
Tb-154	3.3789	4.0355	4.5820	4.8390
Tb-155	2.7689	3.2814	3.8735	4.2634
Tb-156	4.9055	5.7999	6.6673	7.0212
Tb-156m	0.9762	1.1247	1.2758	1.3178
Tb-156n	0.1607	0.2128	0.4476	0.5686
Tb-157	0.1957	0.2547	0.4750	0.5885
Tb-158	2.5012	2.9973	3.5440	3.8542
Tb-160	2.2211	2.6206	2.9734	3.1405
Tb-161	1.0271	1.2324	1.7036	1.9491
Tb-162	2.8672	3.3808	3.7801	4.0014
Tb-163	2.4184	2.8110	3.1389	3.2458
Tb-164	4.7481	5.6289	6.2694	6.5527
Tb-165	1.0676	1.2707	1.4787	1.5452
Tc-101	1.3440	1.5542	1.7259	1.7834
Tc-102m	3.0683	3.6029	3.9027	3.9570
Tc-102	0.1408	0.1648	0.1795	0.1822
Tc-104	2.9713	3.4854	3.7888	3.8611
Tc-105	2.3932	2.8270	3.1607	3.3265
Tc-91	1.1305	1.3477	1.4740	1.4923
Tc-91m	0.8025	0.9413	1.0459	1.0590
Tc-92	5.0348	6.0017	6.5425	6.8050
Tc-93	1.7442	2.1251	2.6843	2.8024
Tc-93m	1.2916	1.5369	1.8404	1.9140
Tc-94	4.2486	5.1398	5.8404	6.1119
Tc-94m	1.5756	1.9051	2.1509	2.2394
Tc-95	1.7442	2.1565	2.7274	2.9080
Tc-95m	2.3500	2.8257	3.5510	3.7274
Tc-96	4.1601	5.0700	5.7790	6.0547
Tc-96m	0.3590	0.4579	0.7156	0.7863
Tc-97	0.5339	0.6954	1.1773	1.3043
Tc-97m	0.4353	0.5599	0.9106	1.0038
Tc-98	2.3652	2.8125	2.9787	3.0729
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.3858	1.6764	1.8315	1.9797
Te-113	1.3957	1.6579	1.7993	1.8423
Te-114	2.7408	3.2365	3.8447	4.1429
Te-115	2.2037	2.6035	2.8903	2.9843
Te-115m	2.5030	2.9747	3.2826	3.3972
Te-116	1.8527	2.1718	2.7240	3.0452
Te-117	1.9816	2.3600	2.6929	2.8510
Te-118	0.7901	0.9415	1.2503	1.4077
Te-119	1.9968	2.3610	2.7686	2.9701
Te-119m	3.5729	4.2721	4.8224	5.1153
Te-121	1.9916	2.3443	2.7827	2.9718
Te-121m	1.7795	2.0753	2.5269	2.6859
Te-123	0.0222	0.0330	0.0975	0.1303
Te-123m	1.7935	2.1980	2.5002	2.7273
Te-125m	1.3765	1.6339	2.1574	2.4263
Te-127	0.0166	0.0193	0.0215	0.0222
Te-127m	0.4342	0.5182	0.7133	0.8129
Te-129	0.3437	0.4107	0.5572	0.6270
Te-129m	0.3638	0.4333	0.5728	0.6441
Te-131	1.7374	2.0899	2.2612	2.3967
Te-131m	2.8097	3.3296	3.6438	3.8058
Te-132	2.2808	2.6437	3.1457	3.3557
Te-133	2.1112	2.4688	2.6951	2.7622
Te-133m	3.1613	3.7358	4.0811	4.2433
Te-134	2.9424	3.4411	3.8372	4.0259
Th-223	1.2455	1.5085	2.1768	2.5351
Th-224	0.2026	0.2465	0.3128	0.3428
Th-226	0.1475	0.1865	0.3115	0.3662
Th-227	1.3337	1.6632	2.6723	3.0938
Th-228	0.1079	0.1460	0.2969	0.3589
Th-229	1.8295	2.2957	3.7946	4.4931
Th-230	1.4380	1.7461	1.7281	1.8120
Th-231	0.9593	1.2711	2.4325	2.9126
Th-232	1.1864	1.3874	1.6040	1.6690
Th-233	0.3069	0.3885	0.6675	0.7982
Th-234	0.2427	0.3007	0.4719	0.5503
Th-235	0.1310	0.1549	0.1778	0.1886
Th-236	0.2526	0.3065	0.4344	0.4928
Ti-44	2.5963	2.9560	3.2476	3.6446
Ti-45	0.0111	0.0155	0.0379	0.0492

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.2886	1.4901	1.6458	1.6926
Ti-52	1.6677	1.9880	2.3957	2.6612
Tl-190	1.9209	2.2509	2.6567	2.8616
Tl-190m	4.8397	5.6902	6.4939	6.8931
Tl-194	2.0993	2.4676	3.0248	3.3327
Tl-194m	6.3359	7.4801	8.8498	9.5754
Tl-195	2.8787	3.4645	4.6845	5.3412
Tl-196	3.3832	3.9876	4.7690	5.1735
Tl-197	2.2954	2.7318	3.5697	4.0831
Tl-198	3.7204	4.3895	5.2632	5.7148
Tl-198m	4.2274	4.9987	6.2867	6.9556
Tl-199	2.2195	2.6347	3.5147	4.0364
Tl-200	3.4696	4.0904	4.9633	5.4266
Tl-201	1.7611	2.1239	3.0434	3.6044
Tl-202	2.3618	2.7815	3.5341	3.9555
Tl-204	0.0275	0.0333	0.0500	0.0600
Tl-206m	6.4032	7.4797	8.5259	8.9648
Tl-206	0.0014	0.0016	0.0023	0.0027
Tl-207	0.0033	0.0040	0.0042	0.0044
Tl-208	2.8496	3.3674	3.6748	3.7399
Tl-209	3.9723	4.6457	5.1751	5.4582
Tl-210	4.0177	4.7930	5.4842	5.7780
Tm-161	5.0185	5.9160	7.1550	7.7372
Tm-162	2.6007	3.0695	3.6098	3.8408
Tm-163	4.1885	4.9100	5.8370	6.2471
Tm-164	1.1627	1.3719	1.7092	1.8630
Tm-165	3.2727	3.8330	4.6155	4.9558
Tm-166	3.8659	4.5861	5.4260	5.7902
Tm-167	2.0627	2.4319	3.1628	3.4637
Tm-168	4.3495	5.1470	6.0873	6.4953
Tm-170	0.0947	0.1136	0.1711	0.2034
Tm-171	0.0159	0.0189	0.0260	0.0295
Tm-172	0.7454	0.8909	1.1305	1.2469
Tm-173	1.3040	1.5120	1.7107	1.7815
Tm-174	5.4320	6.3812	7.3456	7.7912
Tm-175	2.2187	2.6077	2.9273	3.0399
Tm-176	3.8469	4.5269	5.2756	5.5749
U-227	1.2614	1.5190	2.1466	2.4443
U-228	0.1329	0.1746	0.3248	0.3852
U-230	0.1232	0.1691	0.3498	0.4197

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.1173	2.6732	4.4895	5.2859
U-232	0.1100	0.1531	0.3280	0.3950
U-233	0.0574	0.0802	0.1737	0.2104
U-234	1.3764	1.5571	1.7133	1.6537
U-235	1.6338	1.8451	2.0391	2.2429
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0894	0.1251	0.2707	0.3265
U-237	2.2597	2.7315	3.8949	4.4111
U-238	1.2234	1.4238	1.8044	1.7224
U-239	0.8711	1.0217	1.2664	1.4361
U-240	0.3386	0.4538	0.8912	1.0654
U-242	0.3089	0.3615	0.4220	0.4554
V-47	0.0102	0.0128	0.0198	0.0232
V-48	2.6323	3.1245	3.4442	3.5387
V-49	0.0592	0.0893	0.2717	0.3644
V-50	1.2558	1.5079	1.7520	1.8460
V-52	1.2308	1.4578	1.5650	1.5664
V-53	1.2896	1.5201	1.6349	1.6801
W-177	4.9864	5.9006	7.4763	8.3435
W-178	0.4491	0.5613	0.9849	1.2046
W-179	1.4701	1.7754	2.6635	3.1312
W-179m	0.9811	1.1722	1.6567	1.9168
W-181	0.9926	1.1892	1.7036	1.9788
W-185m	0.6493	0.8626	1.8358	2.3400
W-185	0.0009	0.0011	0.0014	0.0016
W-187	1.4692	1.7306	2.0079	2.1701
W-188	0.0132	0.0155	0.0199	0.0221
W-190	2.4033	2.9062	3.7596	4.2904
Xe-120	2.6656	3.1427	3.8169	4.1809
Xe-121	1.9875	2.3363	2.6894	2.8649
Xe-122	1.0958	1.2905	1.6327	1.8080
Xe-123	2.1545	2.5766	2.9857	3.2308
Xe-125	2.5799	3.0244	3.6354	3.9097
Xe-127	2.6517	3.1114	3.7087	3.9436
Xe-127m	2.2150	2.6239	3.0117	3.2824
Xe-129m	1.6293	1.9230	2.4668	2.7472
Xe-131m	0.6768	0.8012	1.0513	1.1816
Xe-133	1.1188	1.2882	1.5226	1.7081
Xe-133m	0.7913	0.9291	1.1899	1.3208
Xe-135	1.2793	1.4659	1.6427	1.7357

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.0973	1.2809	1.4391	1.4814
Xe-137	0.4185	0.4868	0.5344	0.5434
Xe-138	1.6063	1.8914	2.1799	2.2997
Y-81	1.7650	2.1162	2.7108	3.0322
Y-83	1.0792	1.3465	1.8935	2.0834
Y-83m	1.1700	1.3816	1.7232	1.8451
Y-84m	3.9924	4.7621	5.1192	5.2738
Y-85	0.9866	1.1890	1.5055	1.5918
Y-85m	1.0995	1.3365	1.7129	1.8292
Y-86	4.1925	5.0229	5.8208	6.0707
Y-86m	1.3954	1.6167	1.9011	1.9476
Y-87	1.4997	1.8540	2.6439	2.8790
Y-87m	1.0511	1.2352	1.4731	1.5456
Y-88	2.7911	3.4197	4.2685	4.5453
Y-89m	1.2228	1.4603	1.5517	1.6035
Y-90	0.0001	0.0001	0.0001	0.0002
Y-90m	2.5250	2.9336	3.3688	3.4217
Y-91	0.0032	0.0038	0.0041	0.0041
Y-91m	1.1373	1.3319	1.4767	1.5093
Y-92	0.3251	0.3850	0.4125	0.4220
Y-93	0.1673	0.1947	0.2138	0.2216
Y-94	0.9612	1.1424	1.2179	1.2506
Y-95	0.7370	0.8750	0.9377	0.9442
Yb-162	2.6472	3.1473	3.8124	4.1754
Yb-163	1.8503	2.2022	2.8587	3.1685
Yb-164	1.1579	1.3613	1.7638	1.9421
Yb-165	2.8949	3.4341	4.7101	5.3754
Yb-166	2.1786	2.5515	3.2827	3.6321
Yb-167	4.5306	5.3363	6.8325	7.6115
Yb-169	5.1360	6.0222	7.4692	8.1510
Yb-175	0.2086	0.2425	0.2828	0.3029
Yb-177	0.7604	0.9121	1.0357	1.1162
Yb-178	0.1432	0.1672	0.1977	0.2102
Yb-179	2.3379	2.7367	3.0387	3.1596
Zn-60	1.4393	1.6847	1.8613	1.9566
Zn-61	0.5458	0.6434	0.7053	0.7174
Zn-62	1.2962	1.6009	2.3770	2.7629
Zn-63	0.2190	0.2638	0.3255	0.3558
Zn-65	0.8361	1.0531	1.7285	2.0543
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.1459	1.3324	1.5006	1.5478
Zn-71	0.6416	0.7509	0.8180	0.8353
Zn-71m	3.6153	4.2136	4.5969	4.7075
Zn-72	1.8257	2.2860	3.2886	3.8623
Zr-85	1.1080	1.2994	1.4688	1.5110
Zr-86	2.4319	2.9872	4.3449	4.7970
Zr-87	0.1718	0.2198	0.3384	0.3732
Zr-88	1.6492	2.0090	2.7647	2.9963
Zr-89	1.5911	1.9650	2.5282	2.7247
Zr-89m	1.1659	1.3714	1.5301	1.5757
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1543	1.3861	1.4554	1.5025
Zr-97	1.3859	1.6581	1.7616	1.8157

Table 4: Adobe 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.4907	0.3899	0.4705	0.5214	0.3936	0.3229	0.4544	0.5276
Ac-224	3.8619	3.2537	3.7688	4.0278	3.7303	3.4668	4.0778	4.2966
Ac-225	0.6937	0.5677	0.6685	0.7327	0.5586	0.4640	0.6381	0.7363
Ac-226	1.6681	1.4054	1.6288	1.7378	1.6363	1.5291	1.7860	1.8674
Ac-227	0.1795	0.1367	0.1699	0.1932	0.1229	0.0876	0.1492	0.1879
Ac-228	2.4457	1.9925	2.3722	2.5519	2.4358	2.2577	2.6769	2.7869
Ac-230	1.0710	0.8650	1.0356	1.1185	1.0508	0.9623	1.1600	1.2174
Ac-231	3.3950	2.8515	3.3206	3.5293	3.4955	3.3336	3.7893	3.8737
Ac-232	1.6450	1.3129	1.5880	1.7165	1.6629	1.5362	1.8312	1.8981
Ac-233	1.3493	1.0708	1.3088	1.4097	1.4535	1.3877	1.5893	1.6017
Ag-100m	2.3056	1.8172	2.2352	2.3921	2.6541	2.5858	2.8708	2.8055
Ag-101	2.1551	1.7990	2.1078	2.2272	2.3622	2.3009	2.5346	2.5129
Ag-102m	1.5175	1.2048	1.4682	1.5715	1.6881	1.6302	1.8244	1.7995
Ag-102	3.5668	2.8498	3.4636	3.6960	4.0429	3.9341	4.3650	4.2824
Ag-103	2.6915	2.3444	2.6458	2.7686	2.8223	2.7381	3.0035	3.0203
Ag-104	4.6705	3.8272	4.5507	4.8293	5.1664	5.0141	5.5602	5.4983
Ag-104m	1.9140	1.5767	1.8654	1.9776	2.0979	2.0343	2.2551	2.2344
Ag-105	2.9256	2.5609	2.8768	3.0072	3.0258	2.9230	3.2198	3.2516
Ag-105m	0.0686	0.0485	0.0641	0.0749	0.0456	0.0306	0.0572	0.0736
Ag-106	0.6267	0.5640	0.6170	0.6411	0.6163	0.5876	0.6521	0.6704
Ag-106m	5.6929	4.6846	5.5524	5.8865	6.2859	6.1065	6.7614	6.6896
Ag-108	0.0579	0.0502	0.0568	0.0595	0.0599	0.0576	0.0638	0.0645
Ag-108m	4.4372	3.7013	4.3377	4.5848	4.8356	4.6969	5.1925	5.1576
Ag-109m	0.5508	0.5107	0.5432	0.5629	0.4990	0.4651	0.5257	0.5602
Ag-110	0.0612	0.0492	0.0596	0.0635	0.0694	0.0678	0.0750	0.0736
Ag-110m	4.0255	3.1699	3.9057	4.1798	4.6458	4.5345	5.0283	4.9086
Ag-111	0.1161	0.0963	0.1137	0.1203	0.1297	0.1272	0.1394	0.1373
Ag-111m	0.3200	0.2896	0.3138	0.3292	0.2802	0.2546	0.2996	0.3262
Ag-112	0.9149	0.7215	0.8876	0.9497	1.0546	1.0292	1.1408	1.1142
Ag-113m	0.8968	0.7436	0.8764	0.9305	0.9673	0.9357	1.0440	1.0451
Ag-113	0.2571	0.2121	0.2516	0.2665	0.2881	0.2824	0.3099	0.3052
Ag-114	0.3822	0.3034	0.3713	0.3967	0.4386	0.4284	0.4741	0.4635
Ag-115	0.9072	0.7414	0.8852	0.9397	1.0228	1.0005	1.1004	1.0822
Ag-116	2.2142	1.7415	2.1447	2.2965	2.5416	2.4762	2.7481	2.6840
Ag-117	1.7997	1.4667	1.7529	1.8622	2.0235	1.9759	2.1756	2.1392
Ag-99	2.5383	2.0657	2.4736	2.6286	2.8494	2.7800	3.0690	3.0194
Al-26	1.1679	0.8871	1.1217	1.2110	1.3757	1.3318	1.4913	1.4503
Al-28	1.1359	0.8632	1.0912	1.1777	1.3399	1.2979	1.4522	1.4113
Al-29	1.2126	0.9320	1.1693	1.2584	1.4203	1.3802	1.5397	1.4980

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	4.0325	3.4163	3.9372	4.1963	3.9043	3.6325	4.2569	4.4722
Am-238	3.7694	3.1508	3.6712	3.9218	3.7112	3.4571	4.0497	4.2256
Am-239	5.0902	4.3251	4.9632	5.3066	4.7213	4.3104	5.1770	5.5507
Am-240	4.2138	3.5108	4.0965	4.3895	4.0538	3.7289	4.4441	4.6890
Am-241	0.5912	0.5815	0.5942	0.5964	0.6093	0.6035	0.6089	0.6162
Am-242	0.8656	0.7425	0.8416	0.9035	0.7307	0.6359	0.8105	0.9072
Am-242m	0.6432	0.5413	0.6208	0.6762	0.4903	0.3969	0.5581	0.6583
Am-243	1.5680	1.3613	1.5400	1.6251	1.5332	1.4538	1.6488	1.7149
Am-244	3.8751	3.2464	3.7649	4.0373	3.6153	3.2818	3.9742	4.2481
Am-244m	0.3324	0.2842	0.3223	0.3473	0.2693	0.2281	0.3010	0.3436
Am-245	0.5225	0.4456	0.5103	0.5435	0.4987	0.4622	0.5434	0.5743
Am-246	5.4851	4.6376	5.3389	5.7115	5.0991	4.6403	5.5932	5.9853
Am-246m	1.9760	1.5992	1.9155	2.0564	2.0434	1.9206	2.2320	2.2831
Am-247	1.8426	1.5715	1.8017	1.9146	1.7997	1.6857	1.9545	2.0432
Ar-37	0.0784	0.0539	0.0729	0.0862	0.0490	0.0303	0.0631	0.0839
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.1959	0.9201	1.1536	1.2412	1.3997	1.3607	1.5174	1.4765
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4668	1.1382	1.4173	1.5221	1.7043	1.6587	1.8457	1.7982
Ar-44	2.4189	1.9442	2.3514	2.5059	2.7641	2.6993	2.9782	2.9180
As-68	2.9085	2.2628	2.8127	3.0199	3.3659	3.2749	3.6470	3.5594
As-69	0.5989	0.4769	0.5793	0.6288	0.6031	0.5608	0.6657	0.6933
As-70	3.9035	3.0343	3.7730	4.0598	4.4595	4.3160	4.8451	4.7616
As-71	2.6815	2.0965	2.5772	2.8428	2.4591	2.1758	2.7781	3.0352
As-72	1.3968	1.0791	1.3471	1.4613	1.5168	1.4395	1.6657	1.6765
As-73	2.9536	2.0711	2.7560	3.2326	1.9150	1.2485	2.4239	3.1597
As-74	1.4310	1.0916	1.3723	1.5146	1.3896	1.2525	1.5635	1.6640
As-76	0.7673	0.6117	0.7465	0.7967	0.8787	0.8591	0.9500	0.9295
As-77	0.0453	0.0377	0.0443	0.0470	0.0495	0.0482	0.0533	0.0531
As-78	1.7135	1.3483	1.6617	1.7789	1.9769	1.9286	2.1394	2.0889
As-79	0.0788	0.0635	0.0768	0.0817	0.0896	0.0877	0.0968	0.0948
At-204	6.1475	4.9759	5.9817	6.4044	6.5851	6.3097	7.1650	7.2181
At-205	3.5993	2.9389	3.4978	3.7595	3.6278	3.4001	3.9722	4.1141
At-206	6.3528	5.1517	6.1828	6.6145	6.8162	6.5377	7.4091	7.4569
At-207	5.2791	4.2812	5.1275	5.5077	5.4578	5.1553	5.9623	6.1058
At-208	7.8538	6.3594	7.6340	8.1851	8.3015	7.9080	9.0453	9.1705
At-209	7.4378	6.0505	7.2315	7.7591	7.7005	7.2877	8.4083	8.6025
At-210	6.2545	5.0417	6.0654	6.5252	6.4972	6.1276	7.1042	7.2680
At-211	1.0888	0.9040	1.0574	1.1428	0.9848	0.8850	1.0922	1.1896
At-215	0.0007	0.0006	0.0007	0.0007	0.0008	0.0007	0.0008	0.0008

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0523	0.0437	0.0510	0.0548	0.0495	0.0455	0.0544	0.0579
At-217	0.0018	0.0015	0.0018	0.0019	0.0018	0.0017	0.0020	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.2731	1.8867	2.2237	2.3608	2.4572	2.3814	2.6544	2.6568
Au-186	3.8790	3.1681	3.7764	4.0471	4.0440	3.8496	4.4044	4.4926
Au-187	3.5688	2.8471	3.4470	3.7543	3.4247	3.1217	3.8020	4.0441
Au-190	4.4679	3.6009	4.3355	4.6621	4.6633	4.4242	5.0868	5.1825
Au-191	4.3892	3.5596	4.2575	4.6071	4.2668	3.9406	4.7071	4.9658
Au-192	4.2230	3.4014	4.0968	4.4108	4.3809	4.1405	4.7869	4.8988
Au-193	3.1148	2.5421	3.0204	3.2758	2.9035	2.6406	3.2164	3.4595
Au-193m	2.2364	1.7829	2.1578	2.3622	2.0563	1.8340	2.3082	2.5096
Au-194	3.5820	2.9006	3.4773	3.7474	3.6301	3.4074	3.9772	4.1134
Au-195	3.0167	2.4108	2.9058	3.1961	2.6095	2.2662	2.9499	3.2993
Au-195m	2.2598	1.8030	2.1807	2.3864	2.0781	1.8540	2.3320	2.5348
Au-196	3.3768	2.7610	3.2854	3.5327	3.3968	3.1922	3.7186	3.8548
Au-196m	5.2908	4.2321	5.1012	5.5962	4.7086	4.1406	5.3052	5.8569
Au-198	1.2945	1.0552	1.2641	1.3442	1.4464	1.4117	1.5624	1.5423
Au-198m	6.9900	5.7544	6.8022	7.3188	6.8986	6.4430	7.5644	7.9196
Au-199	1.4335	1.1849	1.3956	1.5003	1.4081	1.3128	1.5445	1.6193
Au-200	0.4815	0.3852	0.4681	0.5000	0.5438	0.5291	0.5884	0.5793
Au-200m	6.8877	5.6202	6.7188	7.1641	7.5164	7.2754	8.1415	8.1282
Au-201	0.2279	0.1771	0.2186	0.2420	0.2028	0.1761	0.2308	0.2555
Au-202	0.2993	0.2385	0.2909	0.3109	0.3400	0.3312	0.3679	0.3614
Ba-124	2.1203	1.8415	2.0815	2.1869	2.1646	2.0832	2.3029	2.3458
Ba-126	2.5205	2.1624	2.4714	2.6016	2.6274	2.5375	2.8018	2.8316
Ba-127	1.2370	1.0874	1.2160	1.2744	1.2417	1.1924	1.3168	1.3499
Ba-128	1.3016	1.1672	1.2815	1.3382	1.2533	1.1923	1.3225	1.3772
Ba-129	1.3954	1.2312	1.3711	1.4381	1.3704	1.3063	1.4542	1.5052
Ba-129m	4.7130	3.9283	4.6024	4.8831	5.0201	4.8415	5.3981	5.4278
Ba-131	3.2290	2.7935	3.1715	3.3318	3.3479	3.2385	3.5645	3.6085
Ba-131m	1.7398	1.5082	1.7069	1.8020	1.7253	1.6444	1.8463	1.9110
Ba-133	3.6784	3.2058	3.6161	3.7942	3.7620	3.6321	3.9989	4.0678
Ba-133m	1.2892	1.0989	1.2560	1.3433	1.1792	1.0769	1.2813	1.3809
Ba-135m	1.0325	0.9135	1.0148	1.0647	0.9993	0.9487	1.0602	1.1039
Ba-137m	1.2390	0.9973	1.2065	1.2857	1.3986	1.3642	1.5097	1.4842
Ba-139	0.4686	0.4024	0.4610	0.4842	0.5050	0.4946	0.5390	0.5375
Ba-140	1.0609	0.8547	1.0254	1.1149	1.0051	0.9125	1.1142	1.1913
Ba-141	2.7328	2.2558	2.6726	2.8314	3.0513	2.9872	3.2800	3.2350
Ba-142	2.3787	1.9531	2.3216	2.4639	2.6380	2.5717	2.8358	2.8042

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1298	0.1051	0.1267	0.1348	0.1475	0.1445	0.1592	0.1561
Bi-197	4.0228	3.2307	3.8967	4.2090	4.0723	3.8017	4.4746	4.6349
Bi-200	7.3732	5.9916	7.1751	7.6849	7.8005	7.4495	8.4913	8.6023
Bi-201	4.0496	3.2563	3.9238	4.2333	4.1272	3.8646	4.5268	4.6730
Bi-202	6.7243	5.4206	6.5338	7.0088	7.1677	6.8460	7.8066	7.8863
Bi-203	4.8058	3.8523	4.6562	5.0187	4.9865	4.6979	5.4577	5.5886
Bi-204	6.8507	5.5058	6.6496	7.1450	7.2560	6.9033	7.9158	8.0243
Bi-205	3.8173	3.0564	3.6945	3.9946	3.8640	3.6016	4.2482	4.4027
Bi-206	7.9258	6.3809	7.6970	8.2648	8.4033	8.0040	9.1626	9.2813
Bi-207	4.2335	3.4062	4.1065	4.4237	4.3680	4.1147	4.7833	4.9088
Bi-208	2.4888	1.9437	2.3890	2.6085	2.4535	2.2412	2.7171	2.8485
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5408	1.2753	1.5061	1.6030	1.6448	1.5867	1.7808	1.7936
Bi-211	0.2392	0.1967	0.2335	0.2490	0.2551	0.2455	0.2766	0.2788
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3688	0.2826	0.3523	0.3920	0.3214	0.2732	0.3688	0.4128
Bi-213	0.4530	0.3703	0.4419	0.4711	0.4904	0.4734	0.5315	0.5322
Bi-214	1.6602	1.2995	1.6071	1.7237	1.9135	1.8610	2.0725	2.0268
Bi-215	1.1820	0.9754	1.1533	1.2308	1.2375	1.1829	1.3440	1.3660
Bi-216	1.9349	1.5643	1.8867	2.0100	2.1705	2.1161	2.3471	2.3146
Bk-245	4.1185	3.5270	4.0268	4.2798	3.9558	3.6830	4.2999	4.5283
Bk-246	4.0838	3.4210	3.9730	4.2522	3.9064	3.5929	4.2776	4.5215
Bk-247	1.9071	1.6371	1.8719	1.9761	1.9507	1.8725	2.0976	2.1433
Bk-248m	0.9724	0.8335	0.9483	1.0119	0.8858	0.8034	0.9698	1.0466
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6247	1.3085	1.5742	1.6894	1.7099	1.6165	1.8636	1.8918
Bk-251	2.2437	1.9208	2.1896	2.3353	2.0763	1.8987	2.2692	2.4328
Br-72	2.4679	1.9298	2.3876	2.5670	2.7945	2.7002	3.0374	2.9947
Br-73	1.6969	1.3982	1.6559	1.7651	1.7945	1.7236	1.9435	1.9636
Br-74	2.8396	2.2072	2.7372	2.9484	3.1204	3.0056	3.3885	3.3425
Br-74m	3.4810	2.7205	3.3657	3.6185	3.9050	3.7745	4.2415	4.1786
Br-75	2.1750	1.7711	2.1173	2.2705	2.2766	2.1650	2.4858	2.5330
Br-76	2.8334	2.1996	2.7289	2.9644	2.9775	2.7919	3.2790	3.3412
Br-76m	2.3722	1.9565	2.2909	2.5025	1.9053	1.5910	2.1642	2.4934
Br-77	2.3066	1.8016	2.2122	2.4480	2.0130	1.7256	2.3003	2.5696
Br-77m	1.1272	0.9043	1.0811	1.1975	0.8652	0.6889	1.0079	1.1936
Br-78	0.2699	0.2104	0.2598	0.2844	0.2635	0.2392	0.2946	0.3117
Br-80	0.1820	0.1412	0.1748	0.1923	0.1716	0.1529	0.1934	0.2082
Br-80m	2.1737	1.7803	2.0912	2.2999	1.6529	1.3229	1.9052	2.2582

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.9482	0.7458	0.9032	1.0142	0.6554	0.4746	0.7887	0.9841
Br-82	4.1101	3.2486	3.9912	4.2676	4.7331	4.6224	5.1214	5.0024
Br-83	0.0164	0.0132	0.0160	0.0171	0.0186	0.0181	0.0201	0.0198
Br-84m	3.7093	2.9258	3.5983	3.8498	4.2788	4.1746	4.6289	4.5200
Br-84	1.3403	1.0339	1.2922	1.3897	1.5365	1.4930	1.6640	1.6202
Br-85	0.0905	0.0711	0.0877	0.0939	0.1046	0.1020	0.1132	0.1104
C-10	1.2530	0.9922	1.2176	1.3013	1.4419	1.4093	1.5603	1.5239
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1400	0.0962	0.1301	0.1539	0.0875	0.0541	0.1127	0.1498
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0613	0.8212	1.0252	1.1016	1.2383	1.2049	1.3419	1.3066
Ca-49	1.2126	0.9035	1.1538	1.2517	1.2681	1.2205	1.3722	1.3311
Cd-101	2.9351	2.4566	2.8665	3.0275	3.1988	3.1081	3.4227	3.3997
Cd-102	2.5966	2.2391	2.5471	2.6726	2.7260	2.6361	2.9070	2.9233
Cd-103	2.4174	2.0368	2.3567	2.4875	2.5689	2.4701	2.7467	2.7523
Cd-104	2.4411	2.2074	2.4089	2.4986	2.4273	2.3381	2.5575	2.6169
Cd-105	1.7277	1.4745	1.6877	1.7761	1.8133	1.7414	1.9353	1.9480
Cd-107	1.5756	1.4818	1.5572	1.6040	1.4292	1.3391	1.4954	1.5875
Cd-109	1.4743	1.3862	1.4567	1.5012	1.3315	1.2451	1.3940	1.4831
Cd-111m	2.4037	2.0774	2.3639	2.4797	2.5538	2.4885	2.7246	2.7309
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0009	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011
Cd-115	0.5307	0.4355	0.5185	0.5498	0.5928	0.5794	0.6380	0.6288
Cd-115m	0.0417	0.0326	0.0403	0.0432	0.0483	0.0471	0.0523	0.0510
Cd-117	1.7947	1.4493	1.7472	1.8598	2.0349	1.9869	2.1932	2.1528
Cd-117m	1.9556	1.5219	1.8903	2.0288	2.2737	2.2127	2.4611	2.3995
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.1227	1.7001	2.0627	2.1999	2.4232	2.3643	2.6135	2.5605
Cd-119m	2.3294	1.8224	2.2536	2.4160	2.6974	2.6256	2.9177	2.8475
Ce-130	3.2512	2.8102	3.1930	3.3574	3.3535	3.2392	3.5725	3.6257
Ce-131	3.4067	2.8343	3.3250	3.5328	3.6037	3.4653	3.8807	3.9153
Ce-132	3.0859	2.6739	3.0342	3.1870	3.2051	3.1062	3.4143	3.4551
Ce-133	2.8615	2.5310	2.8182	2.9484	2.8547	2.7484	3.0207	3.1004
Ce-133m	4.6928	3.9446	4.5908	4.8520	5.0156	4.8608	5.3670	5.3744
Ce-134	1.1282	1.0116	1.1100	1.1618	1.0566	0.9959	1.1160	1.1767
Ce-135	3.5235	2.9792	3.4513	3.6451	3.7341	3.6154	3.9978	4.0179
Ce-137	1.3844	1.1942	1.3501	1.4408	1.2322	1.1178	1.3336	1.4526
Ce-137m	1.0312	0.9059	1.0128	1.0654	0.9923	0.9389	1.0559	1.1029
Ce-139	2.5424	2.2177	2.5002	2.6252	2.5887	2.4960	2.7557	2.8106

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	1.0558	0.9131	1.0394	1.0905	1.1211	1.0958	1.1942	1.1972
Ce-143	1.9762	1.6994	1.9410	2.0422	2.0468	1.9793	2.1821	2.2086
Ce-144	0.3398	0.2960	0.3346	0.3509	0.3515	0.3414	0.3737	0.3785
Ce-145	3.0116	2.5457	2.9489	3.1149	3.1656	3.0584	3.3863	3.4112
Cf-244	0.2247	0.1929	0.2177	0.2350	0.1748	0.1446	0.1965	0.2287
Cf-246	0.1542	0.1324	0.1494	0.1612	0.1201	0.0995	0.1350	0.1570
Cf-247	3.3016	2.8169	3.2127	3.4448	2.9082	2.5893	3.2071	3.5214
Cf-248	0.1845	0.1584	0.1787	0.1929	0.1439	0.1193	0.1616	0.1879
Cf-249	1.7566	1.4650	1.7139	1.8263	1.7911	1.6943	1.9476	1.9991
Cf-250	0.1546	0.1320	0.1498	0.1615	0.1253	0.1061	0.1401	0.1598
Cf-251	2.5002	2.1390	2.4417	2.6008	2.3536	2.1691	2.5672	2.7298
Cf-252	0.7774	0.6334	0.7558	0.8068	0.8307	0.7953	0.9001	0.9046
Cf-253	0.4958	0.4208	0.4794	0.5199	0.3862	0.3191	0.4351	0.5073
Cf-254	23.4303	18.8579	22.7929	24.2748	26.5282	25.9169	28.5852	28.0156
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.4775	1.1849	1.4336	1.5289	1.6639	1.6226	1.7911	1.7556
Cl-36	0.0011	0.0008	0.0010	0.0012	0.0007	0.0004	0.0009	0.0012
Cl-38	0.8331	0.6315	0.7995	0.8635	0.9844	0.9527	1.0667	1.0364
Cl-39	1.8419	1.4607	1.7874	1.9104	2.1199	2.0685	2.2902	2.2387
Cl-40	2.2899	1.7428	2.1979	2.3719	2.6135	2.5308	2.8303	2.7513
Cm-238	2.0401	1.7530	1.9944	2.1206	1.9247	1.7793	2.0955	2.2248
Cm-239	4.0517	3.4642	3.9674	4.2063	4.0293	3.8083	4.3620	4.5220
Cm-240	0.2572	0.2196	0.2489	0.2694	0.1975	0.1614	0.2234	0.2619
Cm-241	4.7275	3.9760	4.6025	4.9305	4.4397	4.0591	4.8747	5.1996
Cm-242	0.2309	0.1971	0.2235	0.2419	0.1772	0.1448	0.2006	0.2352
Cm-243	2.5598	2.1528	2.4898	2.6755	2.3389	2.1117	2.5804	2.7910
Cm-244	0.1982	0.1692	0.1919	0.2077	0.1522	0.1243	0.1722	0.2019
Cm-245	2.6980	2.3056	2.6333	2.8096	2.5033	2.2903	2.7392	2.9339
Cm-246	0.1630	0.1390	0.1578	0.1708	0.1270	0.1047	0.1434	0.1670
Cm-247	1.1132	0.9146	1.0882	1.1549	1.2380	1.2086	1.3355	1.3198
Cm-248	1.9748	1.5968	1.9204	2.0477	2.1818	2.1134	2.3572	2.3350
Cm-249	0.2916	0.2081	0.2736	0.3170	0.2088	0.1509	0.2561	0.3179
Cm-250	18.5081	14.8962	18.0040	19.1757	20.9443	20.4577	22.5698	22.1249
Cm-251	0.5010	0.4168	0.4885	0.5209	0.5105	0.4826	0.5551	0.5702
Co-54m	3.6353	2.8566	3.5230	3.7728	4.2014	4.0958	4.5465	4.4385
Co-55	1.7495	1.3595	1.6903	1.8245	1.9524	1.8744	2.1306	2.1170
Co-56	3.5217	2.6834	3.3830	3.6816	3.8308	3.6260	4.2079	4.2262
Co-57	2.7725	2.2162	2.6733	2.9313	2.5056	2.2198	2.8164	3.0913
Co-58	1.7308	1.3144	1.6599	1.8262	1.7473	1.5999	1.9532	2.0404

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.5611	0.3856	0.5213	0.6167	0.3507	0.2168	0.4518	0.6002
Co-60	2.4302	1.8734	2.3456	2.5226	2.8412	2.7632	3.0797	2.9975
Co-60m	0.6470	0.4504	0.6029	0.7089	0.4182	0.2709	0.5311	0.6937
Co-61	1.3228	1.1448	1.3036	1.3673	1.3899	1.3612	1.4783	1.4847
Co-62	1.4028	1.0799	1.3530	1.4556	1.6375	1.5918	1.7746	1.7273
Co-62m	2.4981	1.9255	2.4107	2.5927	2.9191	2.8385	3.1637	3.0797
Cr-48	3.3410	2.7806	3.2672	3.4760	3.5426	3.4178	3.8302	3.8707
Cr-49	1.5871	1.3712	1.5644	1.6397	1.7117	1.6859	1.8214	1.8134
Cr-51	0.4582	0.3344	0.4328	0.4949	0.3562	0.2775	0.4255	0.5068
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0006
Cr-56	2.2374	1.9510	2.1982	2.3147	2.2299	2.1371	2.3809	2.4560
Cs-121	1.1479	0.9732	1.1260	1.1862	1.2433	1.2139	1.3291	1.3235
Cs-121m	2.1589	1.8287	2.1175	2.2323	2.3337	2.2763	2.4970	2.4901
Cs-123	1.7349	1.4969	1.7038	1.7887	1.8242	1.7722	1.9402	1.9515
Cs-124	0.5680	0.4705	0.5551	0.5879	0.6257	0.6097	0.6719	0.6656
Cs-125	1.4620	1.2621	1.4343	1.5068	1.5180	1.4665	1.6150	1.6329
Cs-126	0.9567	0.7973	0.9356	0.9897	1.0447	1.0168	1.1209	1.1135
Cs-127	2.3345	2.0240	2.2928	2.4062	2.4191	2.3391	2.5730	2.6029
Cs-128	0.7448	0.6383	0.7301	0.7683	0.7796	0.7535	0.8313	0.8381
Cs-129	2.3115	2.0414	2.2737	2.3774	2.3214	2.2315	2.4571	2.5137
Cs-130m	2.1322	1.8825	2.0953	2.2018	2.0555	1.9505	2.1852	2.2819
Cs-130	0.6482	0.5867	0.6386	0.6647	0.6205	0.5902	0.6521	0.6796
Cs-131	1.0286	0.9439	1.0147	1.0535	0.9594	0.9080	1.0043	1.0577
Cs-132	2.3186	1.9702	2.2695	2.3929	2.4412	2.3577	2.6064	2.6231
Cs-134	2.7984	2.2229	2.7209	2.9059	3.2129	3.1407	3.4752	3.3966
Cs-134m	0.9363	0.7803	0.9071	0.9824	0.8213	0.7286	0.9074	1.0029
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.4916	1.9660	2.4186	2.5870	2.8676	2.7988	3.1038	3.0315
Cs-136	3.9073	3.1433	3.8033	4.0521	4.4344	4.3308	4.7836	4.6936
Cs-137	1.0470	0.9396	1.0523	1.0805	1.1343	1.1376	1.1779	1.1438
Cs-138m	1.4461	1.2294	1.4144	1.4955	1.4919	1.4302	1.5975	1.6251
Cs-138	2.3968	1.8738	2.3188	2.4864	2.7735	2.7001	3.0007	2.9278
Cs-139	0.2428	0.1872	0.2341	0.2519	0.2822	0.2741	0.3057	0.2976
Cs-140	1.6368	1.2760	1.5825	1.6980	1.8851	1.8350	2.0401	1.9895
Cu-57	0.1271	0.0984	0.1228	0.1320	0.1470	0.1429	0.1594	0.1556
Cu-59	0.6338	0.4995	0.6146	0.6587	0.7230	0.7026	0.7838	0.7695
Cu-60	2.4374	1.8684	2.3469	2.5320	2.8023	2.7085	3.0441	2.9795
Cu-61	0.7965	0.6117	0.7637	0.8445	0.7477	0.6650	0.8445	0.9131
Cu-62	0.0241	0.0172	0.0227	0.0261	0.0190	0.0147	0.0227	0.0270
Cu-64	0.3414	0.2350	0.3174	0.3749	0.2164	0.1361	0.2775	0.3662

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1199	0.0932	0.1160	0.1245	0.1394	0.1358	0.1510	0.1472
Cu-67	1.3372	1.1174	1.3078	1.3923	1.3980	1.3435	1.5129	1.5391
Cu-69	0.7254	0.5689	0.7032	0.7532	0.8393	0.8188	0.9087	0.8866
Dy-148	2.5660	2.1215	2.5043	2.6679	2.6795	2.5678	2.8922	2.9326
Dy-149	3.9881	3.2943	3.8889	4.1425	4.1849	4.0126	4.5116	4.5663
Dy-150	1.6672	1.3950	1.6306	1.7325	1.7243	1.6532	1.8584	1.8903
Dy-151	3.7774	3.0775	3.6735	3.9364	3.9260	3.7318	4.2630	4.3453
Dy-152	2.7141	2.2921	2.6590	2.8193	2.7969	2.6867	3.0094	3.0655
Dy-153	5.0018	4.2100	4.8924	5.1975	5.0869	4.8577	5.4762	5.6101
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.3750	2.8307	3.3017	3.5051	3.5048	3.3670	3.7721	3.8316
Dy-157	2.7749	2.3351	2.7166	2.8829	2.8576	2.7410	3.0761	3.1338
Dy-159	1.6371	1.3994	1.6018	1.7045	1.5434	1.4408	1.6637	1.7601
Dy-165m	0.5289	0.4031	0.5036	0.5667	0.4212	0.3414	0.4909	0.5749
Dy-165	0.2720	0.2297	0.2662	0.2830	0.2726	0.2595	0.2939	0.3031
Dy-166	1.3390	1.1133	1.3025	1.4037	1.2389	1.1344	1.3572	1.4582
Dy-167	2.2288	1.8372	2.1774	2.3168	2.4003	2.3226	2.5920	2.5974
Dy-168	2.2320	1.8484	2.1794	2.3238	2.3273	2.2291	2.5188	2.5610
Er-154	1.9730	1.6743	1.9221	2.0605	1.7841	1.6251	1.9427	2.1034
Er-156	2.6898	2.1848	2.5969	2.8401	2.3159	2.0237	2.5884	2.8908
Er-159	3.1765	2.6119	3.0958	3.3078	3.3014	3.1511	3.5750	3.6393
Er-161	3.3944	2.7769	3.3032	3.5394	3.4862	3.3067	3.7861	3.8776
Er-163	1.4031	1.1859	1.3700	1.4650	1.3163	1.2214	1.4274	1.5172
Er-165	1.3620	1.1491	1.3292	1.4228	1.2731	1.1786	1.3823	1.4723
Er-167m	1.1622	0.9576	1.1318	1.2157	1.1606	1.0908	1.2676	1.3187
Er-169	0.0162	0.0111	0.0150	0.0178	0.0101	0.0063	0.0131	0.0173
Er-171	2.8924	2.4068	2.8272	3.0113	3.0149	2.8928	3.2610	3.3157
Er-172	2.5550	2.1038	2.4916	2.6633	2.6394	2.5166	2.8624	2.9219
Er-173	4.3992	3.6558	4.2992	4.5750	4.6434	4.4724	5.0143	5.0717
Es-249	3.4302	2.9154	3.3519	3.5624	3.3758	3.1673	3.6634	3.8158
Es-250	10.3751	8.8132	10.1092	10.7958	9.6839	8.8551	10.5908	11.3075
Es-250m	3.0330	2.5711	2.9594	3.1500	2.9571	2.7579	3.2137	3.3627
Es-251	2.9361	2.5106	2.8611	3.0599	2.6416	2.3801	2.9012	3.1526
Es-253	0.0613	0.0518	0.0592	0.0643	0.0477	0.0393	0.0539	0.0629
Es-254	2.2414	1.8531	2.1561	2.3661	1.6921	1.3526	1.9422	2.3082
Es-254m	1.6199	1.3423	1.5750	1.6848	1.6105	1.5016	1.7570	1.8246
Es-255	0.0010	0.0008	0.0009	0.0010	0.0011	0.0011	0.0012	0.0011
Es-256	0.2918	0.2534	0.2834	0.3042	0.2335	0.1981	0.2591	0.2970
Eu-142	0.3354	0.2693	0.3256	0.3479	0.3706	0.3580	0.4001	0.3968
Eu-142m	4.5213	3.5651	4.3827	4.7085	5.0411	4.8638	5.4817	5.4366

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.6746	0.5581	0.6573	0.6993	0.7086	0.6790	0.7617	0.7698
Eu-144	0.2965	0.2434	0.2884	0.3074	0.3129	0.2993	0.3367	0.3399
Eu-145	2.6892	2.2130	2.6206	2.7893	2.8563	2.7451	3.0750	3.0941
Eu-146	4.5736	3.7046	4.4523	4.7465	5.0328	4.8749	5.4304	5.3914
Eu-147	2.9300	2.4937	2.8720	3.0356	3.0065	2.8897	3.2196	3.2790
Eu-148	5.3099	4.3252	5.1769	5.5107	5.8377	5.6651	6.2952	6.2502
Eu-149	1.5485	1.3130	1.5108	1.6152	1.4316	1.3175	1.5534	1.6625
Eu-150	5.0470	4.1630	4.9316	5.2355	5.4932	5.3338	5.9142	5.8906
Eu-150m	0.2362	0.1998	0.2314	0.2449	0.2435	0.2338	0.2612	0.2656
Eu-152	3.3510	2.7791	3.2724	3.4751	3.5751	3.4515	3.8451	3.8617
Eu-152m	0.9302	0.7740	0.9085	0.9647	0.9792	0.9422	1.0529	1.0627
Eu-152n	1.9323	1.6006	1.8794	2.0255	1.8337	1.6924	2.0110	2.1414
Eu-154	2.7271	2.2188	2.6564	2.8312	2.9948	2.9027	3.2320	3.2153
Eu-154m	2.2625	1.8607	2.1936	2.3787	2.0530	1.8507	2.2694	2.4691
Eu-155	1.3020	1.1178	1.2786	1.3505	1.3268	1.2783	1.4210	1.4530
Eu-156	1.5839	1.2542	1.5342	1.6466	1.7602	1.6965	1.9083	1.8942
Eu-157	2.3470	1.9566	2.2900	2.4473	2.3263	2.1921	2.5234	2.6205
Eu-158	2.1635	1.7203	2.0973	2.2524	2.3632	2.2688	2.5667	2.5661
Eu-159	2.6451	2.2577	2.5931	2.7443	2.6579	2.5411	2.8498	2.9281
F-17	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.8574	1.5466	1.8155	1.9347	1.9479	1.8701	2.1118	2.1460
Fe-53	0.5774	0.4704	0.5637	0.5997	0.6448	0.6291	0.6967	0.6880
Fe-53m	3.5525	2.7693	3.4382	3.6883	4.1252	4.0197	4.4680	4.3558
Fe-55	0.4652	0.3196	0.4322	0.5114	0.2907	0.1796	0.3746	0.4977
Fe-59	1.3016	1.0115	1.2585	1.3510	1.5147	1.4749	1.6406	1.5988
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7839	1.4081	1.7300	1.8508	2.0562	2.0059	2.2227	2.1715
Fe-62	1.2377	0.9980	1.2071	1.2848	1.4085	1.3797	1.5208	1.4902
Fm-251	2.6273	2.2184	2.5576	2.7417	2.4345	2.2190	2.6713	2.8687
Fm-252	0.1560	0.1351	0.1514	0.1627	0.1238	0.1042	0.1379	0.1587
Fm-253	2.4564	2.0994	2.3888	2.5632	2.1277	1.8786	2.3494	2.5996
Fm-254	0.1669	0.1440	0.1621	0.1741	0.1357	0.1157	0.1507	0.1716
Fm-255	1.7585	1.4891	1.6996	1.8452	1.3609	1.1172	1.5389	1.8003
Fm-256	17.4508	14.0506	16.9770	18.0799	19.7464	19.2883	21.2784	20.8598
Fm-257	2.8287	2.4238	2.7599	2.9430	2.6094	2.3827	2.8511	3.0594
Fr-212	3.9685	3.2464	3.8536	4.1464	3.9371	3.6599	4.3224	4.5117
Fr-219	0.0178	0.0147	0.0174	0.0185	0.0189	0.0181	0.0205	0.0207
Fr-220	0.3906	0.3187	0.3769	0.4125	0.3260	0.2773	0.3697	0.4196
Fr-221	0.2900	0.2432	0.2837	0.3018	0.2989	0.2853	0.3241	0.3316

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	2.0301	1.6993	1.9779	2.1191	1.9496	1.7989	2.1399	2.2631
Fr-223	1.6018	1.3629	1.5621	1.6718	1.4458	1.3082	1.5860	1.7186
Fr-224	1.9388	1.6005	1.8887	2.0181	1.9985	1.8931	2.1757	2.2281
Fr-227	3.1440	2.6425	3.0730	3.2701	3.1824	3.0188	3.4520	3.5542
Ga-64	1.7942	1.3774	1.7276	1.8619	2.0442	1.9799	2.2174	2.1654
Ga-65	2.0406	1.6563	1.9793	2.1421	1.9946	1.8473	2.1975	2.3158
Ga-66	1.6114	1.1957	1.5338	1.6984	1.5966	1.4470	1.7879	1.8705
Ga-67	2.7261	2.0996	2.6077	2.9076	2.3481	2.0011	2.6944	3.0396
Ga-68	0.1587	0.1130	0.1492	0.1717	0.1234	0.0949	0.1483	0.1770
Ga-70	0.0177	0.0137	0.0170	0.0186	0.0178	0.0164	0.0198	0.0207
Ga-72	2.7136	2.1129	2.6244	2.8167	3.1490	3.0649	3.4108	3.3266
Ga-73	3.0722	2.3446	2.9361	3.2759	2.6913	2.3036	3.0884	3.4559
Ga-74	2.9889	2.3339	2.8911	3.1010	3.4551	3.3639	3.7389	3.6473
Gd-142	1.5543	1.2935	1.5188	1.6121	1.6475	1.5890	1.7716	1.7835
Gd-143m	3.9969	3.3045	3.9032	4.1467	4.2963	4.1551	4.6250	4.6320
Gd-144	1.0990	0.9195	1.0727	1.1403	1.1230	1.0705	1.2074	1.2336
Gd-145m	1.6614	1.3106	1.6059	1.7410	1.7152	1.6067	1.8873	1.9404
Gd-145	2.2462	1.8040	2.1768	2.3296	2.4326	2.3343	2.6251	2.6229
Gd-146	5.1255	4.4271	5.0365	5.3082	5.1759	4.9754	5.5287	5.6636
Gd-147	4.7743	3.9580	4.6663	4.9528	5.1334	4.9714	5.5239	5.5296
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.7261	3.1574	3.6526	3.8631	3.8714	3.7326	4.1527	4.2091
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8557	1.5624	1.8084	1.9389	1.7178	1.5774	1.8711	2.0048
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.7960	2.4222	2.7467	2.8970	2.7617	2.6374	2.9496	3.0491
Gd-159	0.5111	0.4327	0.5005	0.5311	0.5151	0.4914	0.5541	0.5692
Gd-162	1.4557	1.1769	1.4172	1.5172	1.5715	1.5110	1.7089	1.7160
Ge-66	3.3202	2.6104	3.1947	3.5136	3.0483	2.7082	3.4276	3.7338
Ge-67	1.8501	1.5341	1.8089	1.9211	2.0121	1.9546	2.1704	2.1671
Ge-68	1.1417	0.7856	1.0610	1.2546	0.7142	0.4421	0.9196	1.2211
Ge-69	1.8040	1.3278	1.7125	1.9271	1.6140	1.3750	1.8619	2.0696
Ge-71	1.1580	0.7968	1.0761	1.2725	0.7243	0.4484	0.9327	1.2385
Ge-75	0.1938	0.1616	0.1900	0.2009	0.2153	0.2113	0.2314	0.2286
Ge-77	3.2660	2.6781	3.1918	3.3882	3.6589	3.5797	3.9429	3.8882
Ge-78	1.4375	1.1962	1.4093	1.4900	1.6044	1.5756	1.7243	1.7003
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9948	1.6517	1.9463	2.0815	2.0265	1.9232	2.2017	2.2655
Hf-169	2.8569	2.3447	2.7826	2.9838	2.8987	2.7420	3.1561	3.2515
Hf-170	4.2489	3.4772	4.1283	4.4547	4.1233	3.8245	4.5256	4.7693

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	3.7902	3.0898	3.6662	3.9954	3.3637	2.9897	3.7443	4.1207
Hf-173	4.7936	4.0162	4.6863	4.9938	4.8740	4.6468	5.2750	5.4219
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.1030	2.5587	3.0232	3.2433	3.0967	2.9148	3.3757	3.5040
Hf-177m	16.3665	13.5108	15.9728	17.0644	17.0419	16.2924	18.5034	18.8572
Hf-178m	11.4340	9.3595	11.1463	11.9239	12.0534	11.5427	13.0996	13.2892
Hf-179m	6.9840	5.7258	6.7995	7.3018	7.0765	6.6793	7.7270	7.9823
Hf-180m	5.9561	4.9026	5.8111	6.2092	6.2323	5.9643	6.7660	6.8794
Hf-181	2.9086	2.3810	2.8335	3.0357	3.0219	2.8784	3.2899	3.3597
Hf-182	1.6454	1.3667	1.6095	1.7114	1.7574	1.6991	1.8994	1.9115
Hf-182m	5.2768	4.3140	5.1353	5.5153	5.3736	5.0779	5.8646	6.0435
Hf-183	2.4761	2.0298	2.4158	2.5746	2.6619	2.5719	2.8769	2.8852
Hf-184	3.8561	3.0091	3.6991	4.0995	3.3685	2.9092	3.8339	4.2845
Hg-190	4.1862	3.4293	4.0623	4.3984	3.9343	3.5916	4.3519	4.6640
Hg-191m	6.1129	4.9307	5.9297	6.4044	6.1535	5.7516	6.7633	7.0242
Hg-192	4.1636	3.3824	4.0338	4.3813	3.8885	3.5281	4.3175	4.6446
Hg-193	4.0077	3.2218	3.8771	4.2131	3.8404	3.5085	4.2571	4.5277
Hg-193m	3.5870	2.8875	3.4773	3.7571	3.6088	3.3696	3.9663	4.1193
Hg-194	0.6395	0.4601	0.5990	0.6968	0.4130	0.2702	0.5201	0.6773
Hg-195	2.8465	2.2728	2.7426	3.0123	2.5018	2.1874	2.8222	3.1319
Hg-195m	3.3121	2.5791	3.1708	3.5280	2.7652	2.3191	3.1826	3.6340
Hg-197	2.6733	2.1426	2.5764	2.8309	2.3125	2.0098	2.6124	2.9210
Hg-197m	2.4735	1.9698	2.3809	2.6210	2.1529	1.8676	2.4391	2.7237
Hg-199m	2.9523	2.4110	2.8634	3.1028	2.7793	2.5333	3.0791	3.2982
Hg-203	1.5078	1.2505	1.4744	1.5682	1.6105	1.5552	1.7425	1.7542
Hg-205	0.0545	0.0455	0.0533	0.0567	0.0565	0.0541	0.0613	0.0626
Hg-206	0.7301	0.6020	0.7126	0.7607	0.7665	0.7340	0.8323	0.8450
Hg-207	3.6828	2.9216	3.5697	3.8295	4.0999	3.9547	4.4493	4.4143
Ho-150	1.9759	1.5766	1.9207	2.0530	2.2215	2.1591	2.4041	2.3693
Ho-153	2.7038	2.2487	2.6434	2.8087	2.8611	2.7599	3.0830	3.1082
Ho-153m	3.2315	2.6979	3.1598	3.3592	3.3712	3.2393	3.6361	3.6899
Ho-154m	6.0649	4.9561	5.9206	6.2975	6.6946	6.5141	7.2239	7.1627
Ho-154	3.1823	2.5952	3.1038	3.3045	3.5042	3.4034	3.7819	3.7549
Ho-155	2.8916	2.4116	2.8216	3.0144	2.8852	2.7250	3.1274	3.2402
Ho-156	4.6863	3.8645	4.5738	4.8671	5.0297	4.8581	5.4245	5.4430
Ho-157	4.3364	3.6439	4.2396	4.5130	4.3605	4.1440	4.7081	4.8518
Ho-159	4.8536	4.1159	4.7537	5.0451	4.8919	4.6697	5.2655	5.4164
Ho-160	4.8757	3.9739	4.7463	5.0760	5.1508	4.9306	5.5804	5.6442
Ho-161	2.1846	1.8577	2.1305	2.2795	2.0001	1.8341	2.1728	2.3376
Ho-162	1.8574	1.5594	1.8110	1.9407	1.7480	1.6184	1.9003	2.0199

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	3.3697	2.7581	3.2723	3.5295	3.2641	3.0232	3.5762	3.7692
Ho-163	0.0187	0.0128	0.0173	0.0205	0.0117	0.0072	0.0150	0.0200
Ho-164	1.0591	0.8910	1.0327	1.1073	0.9843	0.9075	1.0712	1.1451
Ho-164m	2.2192	1.7836	2.1386	2.3496	1.8898	1.6361	2.1252	2.3893
Ho-166	0.4383	0.3509	0.4227	0.4636	0.3885	0.3428	0.4353	0.4808
Ho-166m	5.2752	4.2932	5.1399	5.4917	5.6926	5.4866	6.1710	6.1922
Ho-167	1.9984	1.6516	1.9529	2.0787	2.1338	2.0601	2.3066	2.3206
Ho-168	1.9952	1.5889	1.9351	2.0822	2.1429	2.0469	2.3367	2.3551
Ho-168m	0.4959	0.3762	0.4713	0.5327	0.3801	0.3001	0.4468	0.5331
Ho-170	4.7077	3.8148	4.5796	4.9042	5.0309	4.8245	5.4608	5.5055
I-118m	5.3838	4.3128	5.2383	5.5857	6.1283	5.9839	6.6174	6.4871
I-118	1.8378	1.4707	1.7874	1.9065	2.0917	2.0411	2.2586	2.2145
I-119	2.0907	1.7924	2.0532	2.1578	2.2314	2.1736	2.3810	2.3829
I-120	2.2868	1.8386	2.2200	2.3670	2.5550	2.4812	2.7522	2.7099
I-120m	4.6672	3.7442	4.5395	4.8398	5.2890	5.1584	5.7079	5.6022
I-121	2.5393	2.2177	2.4981	2.6155	2.6456	2.5686	2.8102	2.8374
I-122	0.5105	0.4362	0.5000	0.5262	0.5368	0.5186	0.5723	0.5760
I-123	2.5697	2.2790	2.5326	2.6422	2.6316	2.5516	2.7850	2.8261
I-124	1.9892	1.6788	1.9440	2.0519	2.1189	2.0478	2.2642	2.2692
I-125	1.9581	1.8188	1.9342	1.9993	1.8207	1.7261	1.8980	1.9981
I-126	1.4945	1.2688	1.4637	1.5423	1.5918	1.5430	1.7009	1.7038
I-128	0.2490	0.2102	0.2439	0.2572	0.2680	0.2604	0.2868	0.2862
I-129	1.0729	0.9862	1.0595	1.0979	1.0107	0.9618	1.0558	1.1055
I-130m	0.5298	0.4447	0.5157	0.5510	0.5160	0.4809	0.5595	0.5862
I-130	4.1945	3.3495	4.0824	4.3549	4.8007	4.6954	5.1892	5.0767
I-131	1.0164	0.9341	1.0240	1.0431	1.0870	1.0917	1.1268	1.0988
I-132	3.7197	2.9463	3.6139	3.8623	4.2783	4.1799	4.6284	4.5219
I-132m	1.4127	1.1788	1.3760	1.4684	1.4209	1.3391	1.5398	1.5902
I-133	1.3105	1.0518	1.2767	1.3604	1.4950	1.4631	1.6148	1.5814
I-134m	2.4270	2.1267	2.3882	2.4986	2.5036	2.4259	2.6552	2.6879
I-134	3.8335	3.0274	3.7207	3.9792	4.4154	4.3102	4.7764	4.6654
I-135	1.6415	1.2780	1.5873	1.7034	1.9079	1.8573	2.0656	2.0137
In-103	2.9312	2.3803	2.8546	3.0352	3.2922	3.2129	3.5445	3.4855
In-105	2.7535	2.2989	2.6925	2.8450	3.0249	2.9507	3.2416	3.2119
In-106	4.6141	3.6815	4.4849	4.7864	5.2621	5.1333	5.6850	5.5700
In-106m	2.0936	1.6567	2.0289	2.1700	2.3795	2.3151	2.5707	2.5171
In-107	2.6230	2.2151	2.5655	2.7054	2.8254	2.7409	3.0223	3.0158
In-108	6.2725	5.0855	6.1050	6.4945	7.0334	6.8440	7.5777	7.4648
In-108m	2.3502	1.9061	2.2812	2.4279	2.5722	2.4896	2.7666	2.7345
In-109	2.9079	2.5245	2.8567	2.9934	3.0499	2.9571	3.2466	3.2683

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.2371	0.9937	1.2045	1.2836	1.4052	1.3725	1.5173	1.4881
In-110	5.8427	4.7617	5.6901	6.0465	6.4987	6.3148	6.9976	6.9099
In-110m	1.7799	1.4662	1.7354	1.8400	1.9544	1.8966	2.1006	2.0819
In-111	3.9891	3.4813	3.9267	4.1086	4.1975	4.0862	4.4668	4.4893
In-111m	1.2024	0.9833	1.1737	1.2458	1.3443	1.3126	1.4476	1.4266
In-112	0.4148	0.3804	0.4090	0.4235	0.3953	0.3750	0.4155	0.4326
In-112m	0.9556	0.8813	0.9438	0.9760	0.9130	0.8706	0.9570	0.9960
In-113m	1.1552	0.9852	1.1329	1.1918	1.2350	1.2000	1.3201	1.3198
In-114	0.0074	0.0066	0.0073	0.0076	0.0074	0.0070	0.0078	0.0080
In-114m	0.8360	0.7456	0.8224	0.8587	0.8251	0.7881	0.8746	0.9019
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0763	0.9398	1.0581	1.1075	1.1168	1.0806	1.1875	1.1995
In-116m	2.6549	2.0715	2.5684	2.7548	3.0817	3.0010	3.3359	3.2531
In-117	2.8177	2.3538	2.7615	2.9166	3.1290	3.0693	3.3567	3.3129
In-117m	0.8038	0.7027	0.7910	0.8274	0.8406	0.8168	0.8935	0.8998
In-118m	3.3758	2.6363	3.2684	3.5045	3.9162	3.8171	4.2407	4.1353
In-118	0.0818	0.0634	0.0791	0.0849	0.0953	0.0928	0.1033	0.1006
In-119	1.5286	1.2329	1.4855	1.5869	1.6754	1.6150	1.8143	1.8067
In-119m	0.2215	0.1888	0.2159	0.2292	0.2176	0.2039	0.2345	0.2439
In-121	1.3913	1.0969	1.3500	1.4443	1.6044	1.5662	1.7358	1.6950
In-121m	0.7964	0.7276	0.7873	0.8141	0.7851	0.7591	0.8211	0.8416
Ir-180	4.2293	3.4210	4.1082	4.4236	4.3441	4.1001	4.7547	4.8891
Ir-182	4.1792	3.3898	4.0592	4.3740	4.2347	3.9788	4.6406	4.8021
Ir-183	4.6189	3.7004	4.4675	4.8555	4.4703	4.1021	4.9477	5.2379
Ir-184	6.1763	4.9755	5.9917	6.4644	6.3025	5.9229	6.9099	7.1302
Ir-185	4.7483	3.7533	4.5706	5.0223	4.3111	3.8189	4.8454	5.3003
Ir-186	5.9802	4.8350	5.8061	6.2562	6.1060	5.7486	6.6868	6.8931
Ir-186m	3.5064	2.8093	3.3967	3.6726	3.5562	3.3281	3.9060	4.0426
Ir-187	3.2540	2.5912	3.1380	3.4391	2.9570	2.6320	3.3148	3.6195
Ir-188	4.3030	3.4334	4.1627	4.5055	4.3783	4.0921	4.8087	4.9733
Ir-189	2.4851	1.9678	2.3898	2.6377	2.1398	1.8489	2.4269	2.7227
Ir-190	6.3861	5.1823	6.2123	6.6701	6.6607	6.3328	7.2679	7.4147
Ir-190m	0.6373	0.4424	0.5931	0.6991	0.4011	0.2511	0.5142	0.6803
Ir-190n	1.9528	1.5695	1.8846	2.0650	1.7223	1.5174	1.9335	2.1392
Ir-191m	2.4998	1.9720	2.4011	2.6560	2.1359	1.8313	2.4326	2.7431
Ir-192	3.3152	2.7191	3.2392	3.4450	3.6480	3.5488	3.9415	3.9169
Ir-192m	0.7126	0.5057	0.6658	0.7785	0.4557	0.2932	0.5778	0.7571
Ir-192n	1.4895	1.0598	1.3926	1.6263	0.9574	0.6203	1.2111	1.5827
Ir-193m	0.6362	0.4438	0.5928	0.6973	0.4038	0.2560	0.5156	0.6792
Ir-194	0.2988	0.2443	0.2918	0.3103	0.3318	0.3234	0.3582	0.3546

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	6.8771	5.5701	6.7047	7.1504	7.6286	7.4123	8.2586	8.1871
Ir-195	1.9351	1.5514	1.8656	2.0480	1.6913	1.4785	1.9064	2.1209
Ir-195m	2.6345	2.1336	2.5557	2.7642	2.5877	2.3979	2.8528	2.9963
Ir-196	0.5906	0.4779	0.5757	0.6136	0.6604	0.6431	0.7141	0.7052
Ir-196m	7.5232	6.0748	7.3252	7.8345	8.2165	7.9295	8.9241	8.9150
K-38	1.1031	0.8326	1.0569	1.1427	1.3061	1.2623	1.4152	1.3749
K-40	0.1349	0.1025	0.1296	0.1405	0.1530	0.1464	0.1671	0.1653
K-42	0.2166	0.1658	0.2086	0.2247	0.2543	0.2468	0.2756	0.2680
K-43	2.5431	2.0607	2.4820	2.6391	2.8875	2.8291	3.1156	3.0551
K-44	1.8133	1.3942	1.7472	1.8806	2.1031	2.0426	2.2782	2.2172
K-45	2.4062	1.9450	2.3413	2.4920	2.7377	2.6755	2.9473	2.8899
K-46	1.8019	1.3737	1.7313	1.8673	2.0614	1.9983	2.2337	2.1715
Kr-74	2.6880	2.2344	2.6210	2.8061	2.6795	2.5166	2.9271	3.0442
Kr-75	2.2699	1.9112	2.2213	2.3582	2.3582	2.2606	2.5501	2.5971
Kr-76	3.4144	2.7884	3.3093	3.5832	3.1850	2.8728	3.5426	3.8070
Kr-77	2.4125	2.0445	2.3648	2.5042	2.5203	2.4281	2.7181	2.7597
Kr-79	1.7072	1.3643	1.6415	1.8066	1.4373	1.2122	1.6449	1.8626
Kr-81	1.1431	0.8995	1.0889	1.2228	0.7887	0.5703	0.9495	1.1858
Kr-81m	1.4610	1.2331	1.4295	1.5191	1.4842	1.4072	1.6128	1.6597
Kr-83m	0.5121	0.3961	0.4861	0.5497	0.3487	0.2477	0.4233	0.5332
Kr-85	0.0054	0.0044	0.0053	0.0056	0.0061	0.0060	0.0066	0.0065
Kr-85m	1.5630	1.3305	1.5355	1.6182	1.6804	1.6380	1.8038	1.8043
Kr-87	1.0114	0.8068	0.9827	1.0489	1.1557	1.1281	1.2483	1.2215
Kr-88	1.8685	1.4899	1.8099	1.9366	2.0941	2.0200	2.2661	2.2412
Kr-89	2.2007	1.7433	2.1342	2.2822	2.5012	2.4373	2.7031	2.6455
La-128	4.2274	3.4302	4.1212	4.3832	4.7619	4.6504	5.1322	5.0485
La-129	2.0496	1.7553	2.0120	2.1172	2.1660	2.1038	2.3110	2.3226
La-130	3.0849	2.5109	3.0073	3.1973	3.4473	3.3605	3.7131	3.6612
La-131	2.7175	2.3441	2.6689	2.8051	2.8323	2.7434	3.0166	3.0470
La-132	2.8486	2.3368	2.7765	2.9492	3.1256	3.0334	3.3601	3.3341
La-132m	2.8235	2.3807	2.7639	2.9248	2.9795	2.8781	3.1974	3.2244
La-133	1.4206	1.2278	1.3869	1.4755	1.2996	1.1933	1.4017	1.5063
La-134	0.5032	0.4451	0.4944	0.5180	0.4908	0.4671	0.5193	0.5382
La-135	1.1341	1.0243	1.1170	1.1656	1.0664	1.0084	1.1224	1.1801
La-136	0.7598	0.6832	0.7478	0.7811	0.7199	0.6817	0.7586	0.7951
La-137	1.0773	0.9739	1.0609	1.1075	1.0063	0.9494	1.0593	1.1173
La-138	1.7904	1.4568	1.7392	1.8541	1.9443	1.8708	2.0936	2.0902
La-140	2.6402	2.0772	2.5582	2.7394	3.0453	2.9665	3.2936	3.2175
La-141	0.0227	0.0175	0.0219	0.0236	0.0266	0.0259	0.0289	0.0281
La-142	1.8432	1.4270	1.7783	1.9113	2.1255	2.0656	2.3006	2.2417

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.2658	0.2072	0.2571	0.2759	0.3083	0.3002	0.3338	0.3254
Lu-165	4.2516	3.5179	4.1448	4.4342	4.3078	4.0821	4.6756	4.8170
Lu-167	4.5910	3.7443	4.4592	4.7926	4.6505	4.3754	5.0672	5.2313
Lu-169m	0.4689	0.3224	0.4357	0.5154	0.2932	0.1813	0.3776	0.5016
Lu-169	4.3039	3.5028	4.1813	4.4968	4.3603	4.1056	4.7545	4.9080
Lu-170	3.9785	3.1668	3.8470	4.1566	4.0966	3.8531	4.4770	4.5895
Lu-171m	0.4999	0.3451	0.4649	0.5489	0.3156	0.1980	0.4048	0.5350
Lu-171	4.4781	3.6202	4.3328	4.7096	4.1802	3.7899	4.6293	4.9731
Lu-172	5.6605	4.5530	5.4903	5.9186	5.8171	5.4834	6.3587	6.5331
Lu-172m	0.4216	0.2899	0.3918	0.4634	0.2636	0.1630	0.3395	0.4510
Lu-173	3.7146	3.0957	3.6206	3.8863	3.5566	3.3090	3.8779	4.0967
Lu-174	1.9833	1.6170	1.9212	2.0883	1.8007	1.6216	1.9941	2.1682
Lu-174m	2.5681	2.0205	2.4643	2.7322	2.1473	1.8231	2.4475	2.7857
Lu-176	3.9245	3.2217	3.8242	4.0999	4.0377	3.8335	4.4018	4.5185
Lu-176m	0.5599	0.4380	0.5368	0.5962	0.4726	0.4020	0.5399	0.6130
Lu-177	0.4542	0.3758	0.4427	0.4746	0.4571	0.4316	0.4983	0.5165
Lu-177m	8.6685	7.1923	8.4646	9.0369	8.9452	8.5398	9.7056	9.9257
Lu-178	0.4591	0.3615	0.4420	0.4847	0.4317	0.3883	0.4823	0.5192
Lu-178m	6.9347	5.7388	6.7735	7.2227	7.2905	7.0029	7.8978	8.0097
Lu-179	0.2291	0.1923	0.2247	0.2377	0.2488	0.2427	0.2675	0.2671
Lu-180	3.2518	2.5989	3.1546	3.3919	3.4938	3.3386	3.8069	3.8379
Lu-181	3.0193	2.4109	2.9205	3.1749	2.9519	2.7179	3.2665	3.4440
Mg-27	1.2699	0.9957	1.2312	1.3187	1.4698	1.4344	1.5917	1.5523
Mg-28	2.4711	2.0749	2.4161	2.5438	2.7263	2.6646	2.9023	2.8624
Mn-50m	4.1275	3.2135	3.9934	4.2850	4.7924	4.6683	5.1915	5.0600
Mn-51	0.0175	0.0126	0.0165	0.0189	0.0144	0.0116	0.0170	0.0198
Mn-52	3.9617	3.0626	3.8238	4.1293	4.4586	4.2852	4.8638	4.8164
Mn-52m	1.1914	0.9137	1.1479	1.2367	1.3933	1.3517	1.5110	1.4716
Mn-53	0.3788	0.2603	0.3520	0.4164	0.2367	0.1462	0.3050	0.4053
Mn-54	1.6317	1.2447	1.5674	1.7176	1.6842	1.5592	1.8727	1.9348
Mn-56	1.7321	1.3466	1.6749	1.7977	2.0142	1.9613	2.1817	2.1256
Mn-57	1.0729	0.8353	1.0263	1.1423	0.8929	0.7447	1.0294	1.1779
Mn-58m	2.7659	2.1605	2.6779	2.8711	3.2059	3.1245	3.4717	3.3846
Mo-101	2.3888	1.9018	2.3171	2.4850	2.6433	2.5468	2.8706	2.8557
Mo-102	0.1638	0.1396	0.1610	0.1693	0.1792	0.1760	0.1917	0.1901
Mo-89	0.2933	0.2342	0.2845	0.3039	0.3288	0.3178	0.3558	0.3512
Mo-90	4.2393	3.6910	4.1673	4.3721	4.3156	4.1309	4.6280	4.7226
Mo-91m	1.2314	0.9767	1.1944	1.2772	1.3994	1.3582	1.5144	1.4871
Mo-91	0.0784	0.0710	0.0770	0.0804	0.0688	0.0620	0.0741	0.0803
Mo-93	1.0389	0.9661	1.0243	1.0641	0.8666	0.7683	0.9327	1.0334

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.6271	2.9323	3.5283	3.7578	4.0576	3.9371	4.3811	4.3232
Mo-99	0.4704	0.3936	0.4605	0.4864	0.5147	0.5015	0.5525	0.5482
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8578	0.6348	0.8111	0.8817	0.8695	0.8304	0.9373	0.9092
Na-22	1.2083	0.9302	1.1658	1.2541	1.4137	1.3746	1.5327	1.4915
Na-24	2.3167	1.7569	2.2220	2.3998	2.6604	2.5751	2.8822	2.8003
Nb-87	2.7958	2.4244	2.7490	2.8877	2.8737	2.7598	3.0852	3.1411
Nb-88m	4.5940	3.6393	4.4597	4.7676	5.2677	5.1355	5.6981	5.5760
Nb-88	6.1257	4.9708	5.9641	6.3490	6.7879	6.5745	7.3349	7.2647
Nb-89	0.6493	0.5378	0.6302	0.6706	0.6571	0.6159	0.7126	0.7283
Nb-89m	1.3285	1.0938	1.2971	1.3769	1.4442	1.3950	1.5610	1.5564
Nb-90	4.4532	3.6466	4.3299	4.6059	4.8404	4.6489	5.2251	5.2179
Nb-91	1.0745	0.9884	1.0571	1.1045	0.8776	0.7644	0.9544	1.0710
Nb-91m	0.9183	0.8475	0.9044	0.9415	0.7747	0.6889	0.8350	0.9212
Nb-92	3.5552	2.9477	3.4667	3.6808	3.7437	3.5680	4.0548	4.0957
Nb-92m	2.3685	2.0003	2.3107	2.4482	2.3764	2.2259	2.5777	2.6545
Nb-93m	0.2116	0.1904	0.2072	0.2187	0.1711	0.1473	0.1876	0.2125
Nb-94m	0.7199	0.6660	0.7090	0.7381	0.6006	0.5315	0.6477	0.7183
Nb-94	2.4874	1.9619	2.4150	2.5832	2.8685	2.8017	3.1050	3.0311
Nb-95	1.2480	0.9853	1.2121	1.2961	1.4384	1.4051	1.5571	1.5199
Nb-95m	1.1022	0.9882	1.0850	1.1336	1.0318	0.9583	1.1089	1.1705
Nb-96	3.9903	3.1608	3.8764	4.1426	4.5897	4.4836	4.9650	4.8509
Nb-97	1.2619	1.0039	1.2274	1.3106	1.4478	1.4157	1.5658	1.5309
Nb-98m	3.8946	3.0690	3.7782	4.0428	4.4909	4.3815	4.8602	4.7455
Nb-99	2.8475	2.5032	2.8071	2.9331	2.9545	2.8678	3.1471	3.1811
Nb-99m	0.9212	0.7485	0.8958	0.9530	1.0201	0.9894	1.0990	1.0857
Nd-134	3.0144	2.5962	2.9629	3.1151	3.1571	3.0654	3.3669	3.3949
Nd-135	3.4223	2.8966	3.3528	3.5465	3.5719	3.4437	3.8321	3.8802
Nd-136	2.8648	2.4898	2.8136	2.9620	2.8476	2.7219	3.0351	3.1277
Nd-137	3.0060	2.5482	2.9436	3.1084	3.1435	3.0336	3.3601	3.3924
Nd-138	1.2274	1.0879	1.2075	1.2662	1.1721	1.1107	1.2418	1.2985
Nd-139	1.1679	1.0131	1.1460	1.2063	1.1623	1.1097	1.2373	1.2732
Nd-139m	4.4498	3.7175	4.3497	4.6054	4.7629	4.6117	5.1059	5.1135
Nd-140	1.1266	1.0016	1.1083	1.1621	1.0628	1.0035	1.1254	1.1829
Nd-141	1.1446	1.0159	1.1259	1.1805	1.0867	1.0280	1.1507	1.2061
Nd-141m	1.2394	0.9879	1.2049	1.2867	1.4081	1.3726	1.5225	1.4935
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3936	1.2035	1.3698	1.4410	1.4286	1.3807	1.5222	1.5475
Nd-149	2.3958	2.0264	2.3509	2.4810	2.5745	2.5095	2.7580	2.7578
Nd-151	2.6792	2.2319	2.6225	2.7739	2.9470	2.8805	3.1608	3.1331

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	1.0919	0.9092	1.0666	1.1361	1.1308	1.0790	1.2263	1.2509
Ne-19	0.0003	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.3455	1.0868	1.3126	1.3965	1.5302	1.4990	1.6519	1.6188
Ni-56	5.1306	4.1127	4.9808	5.3595	5.4586	5.2016	5.9640	6.0415
Ni-57	1.8346	1.4021	1.7605	1.9252	1.9260	1.7924	2.1298	2.1847
Ni-59	0.6568	0.4513	0.6103	0.7220	0.4104	0.2536	0.5289	0.7027
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5511	0.4273	0.5324	0.5719	0.6421	0.6247	0.6954	0.6775
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.5179	4.5928	5.3752	5.7450	5.4886	5.1310	5.9934	6.2276
Np-233	2.1886	1.8690	2.1374	2.2792	2.0498	1.8846	2.2407	2.3897
Np-234	3.3423	2.7699	3.2461	3.4841	3.2274	2.9671	3.5422	3.7351
Np-235	0.9266	0.7626	0.8904	0.9800	0.6824	0.5328	0.7918	0.9527
Np-236	4.9676	4.2283	4.8337	5.1877	4.3563	3.8604	4.8226	5.3077
Np-236m	1.2555	1.0712	1.2247	1.3087	1.1508	1.0460	1.2628	1.3607
Np-237	1.8550	1.5817	1.8011	1.9406	1.5315	1.3130	1.7098	1.9366
Np-238	1.5208	1.2432	1.4724	1.5863	1.4651	1.3362	1.6149	1.7055
Np-239	3.2923	2.7848	3.2092	3.4337	3.0876	2.8307	3.3846	3.6125
Np-240	4.6569	3.8816	4.5291	4.8506	4.4938	4.1397	4.9261	5.1886
Np-240m	1.2971	1.0748	1.2590	1.3531	1.2263	1.1151	1.3516	1.4380
Np-241	0.8369	0.7154	0.8172	0.8710	0.7837	0.7204	0.8562	0.9129
Np-242	0.4047	0.3242	0.3917	0.4212	0.4246	0.3997	0.4641	0.4722
Np-242m	4.0735	3.3960	3.9576	4.2459	3.8498	3.5092	4.2342	4.5025
O-14	1.0823	0.8153	1.0360	1.1208	1.2836	1.2398	1.3904	1.3502
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2811	1.8796	2.2297	2.3625	2.5675	2.5177	2.7586	2.7146
Os-180	2.7714	2.2124	2.6679	2.9352	2.3936	2.0763	2.7035	3.0238
Os-181	5.4147	4.3629	5.2491	5.6759	5.4043	5.0371	5.9405	6.1922
Os-182	3.8429	3.0925	3.7199	4.0444	3.6659	3.3505	4.0641	4.3315
Os-183	5.3054	4.3253	5.1529	5.5635	5.1836	4.8138	5.6974	5.9889
Os-183m	2.9663	2.3563	2.8663	3.1145	2.9418	2.7201	3.2473	3.3995
Os-185	2.9417	2.3549	2.8487	3.0876	2.9206	2.7115	3.2190	3.3645
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.6120	0.4236	0.5693	0.6718	0.3844	0.2397	0.4935	0.6537
Os-190m	6.1204	4.9096	5.9420	6.4020	6.4150	6.0820	7.0253	7.1665
Os-191	2.6257	2.0834	2.5260	2.7852	2.2761	1.9723	2.5797	2.8865
Os-191m	0.7720	0.5590	0.7258	0.8387	0.5392	0.3850	0.6616	0.8300
Os-193	0.7463	0.5974	0.7208	0.7875	0.6906	0.6206	0.7716	0.8354
Os-194	0.6035	0.4401	0.5675	0.6550	0.4119	0.2885	0.5069	0.6424
Os-196	0.6894	0.5660	0.6710	0.7213	0.6884	0.6463	0.7532	0.7834

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0009	0.0006	0.0008	0.0009	0.0010	0.0010	0.0011	0.0011
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9622	0.8068	0.9333	1.0095	0.8187	0.7109	0.9159	1.0250
Pa-228	5.9512	4.9175	5.7814	6.2138	5.7291	5.2609	6.3048	6.6611
Pa-229	2.0048	1.6975	1.9525	2.0947	1.8125	1.6328	1.9994	2.1715
Pa-230	3.4760	2.8871	3.3787	3.6288	3.3103	3.0308	3.6429	3.8658
Pa-231	1.7710	1.4526	1.7041	1.8713	1.3721	1.1107	1.5761	1.8519
Pa-232	2.9291	2.4007	2.8435	3.0535	2.9071	2.6959	3.1903	3.3231
Pa-233	2.7189	2.2850	2.6470	2.8383	2.5349	2.3083	2.7905	2.9877
Pa-234	5.8102	4.8172	5.6516	6.0533	5.7197	5.3106	6.2627	6.5419
Pa-234m	0.0461	0.0377	0.0447	0.0480	0.0458	0.0425	0.0502	0.0523
Pa-235	0.2217	0.1526	0.2060	0.2436	0.1387	0.0859	0.1786	0.2371
Pa-236	2.0291	1.6510	1.9668	2.1153	2.0298	1.8825	2.2281	2.3146
Pa-237	1.2423	0.9750	1.2017	1.2984	1.3393	1.2734	1.4675	1.4799
Pb-194	4.4739	3.6440	4.3453	4.6804	4.4732	4.1810	4.9052	5.1035
Pb-195m	6.1813	4.9794	5.9928	6.4753	6.1930	5.7647	6.8207	7.0980
Pb-196	4.1571	3.4158	4.0432	4.3520	4.0767	3.7942	4.4748	4.6942
Pb-197	4.0284	3.2515	3.9088	4.2095	4.1372	3.8953	4.5285	4.6558
Pb-197m	5.4698	4.4369	5.3092	5.7273	5.4563	5.0838	6.0002	6.2529
Pb-198	4.0354	3.3162	3.9244	4.2255	3.9466	3.6680	4.3348	4.5534
Pb-199	3.5187	2.8544	3.4155	3.6806	3.5432	3.3160	3.8853	4.0299
Pb-200	3.8539	3.1716	3.7427	4.0452	3.6168	3.3020	3.9973	4.2831
Pb-201	4.0384	3.2990	3.9269	4.2230	4.0628	3.8123	4.4493	4.6133
Pb-201m	1.4904	1.2073	1.4470	1.5593	1.5039	1.4079	1.6506	1.7104
Pb-202	0.6168	0.4381	0.5764	0.6737	0.3945	0.2540	0.5001	0.6551
Pb-202m	4.3391	3.4654	4.2141	4.5186	4.7554	4.5742	5.1739	5.1653
Pb-203	3.4407	2.8341	3.3478	3.6023	3.3626	3.1278	3.6911	3.8777
Pb-204m	3.8464	3.0651	3.7381	3.9966	4.3458	4.2255	4.7072	4.6344
Pb-205	0.6243	0.4435	0.5834	0.6819	0.3993	0.2571	0.5061	0.6630
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.7062	0.5465	0.6713	0.7575	0.4974	0.3656	0.5969	0.7399
Pb-211	0.1638	0.1321	0.1594	0.1704	0.1796	0.1734	0.1949	0.1943
Pb-212	1.6220	1.3535	1.5834	1.6922	1.6237	1.5311	1.7697	1.8355
Pb-214	1.6697	1.3751	1.6269	1.7429	1.6989	1.6042	1.8553	1.9119
Pd-100	3.6250	3.3178	3.5861	3.7063	3.5656	3.4375	3.7484	3.8447
Pd-101	2.5700	2.3475	2.5339	2.6247	2.4612	2.3306	2.5997	2.6986
Pd-103	1.0198	0.9694	1.0091	1.0356	0.9075	0.8440	0.9498	1.0135
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2977	1.1378	1.2780	1.3357	1.3569	1.3188	1.4437	1.4542

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.5550	0.5143	0.5472	0.5672	0.5031	0.4691	0.5301	0.5647
Pd-111	0.0975	0.0800	0.0952	0.1009	0.1088	0.1062	0.1170	0.1153
Pd-112	0.4475	0.4135	0.4403	0.4586	0.3781	0.3380	0.4055	0.4468
Pd-114	0.2101	0.1794	0.2066	0.2170	0.2296	0.2257	0.2453	0.2433
Pd-96	3.4347	2.9198	3.3653	3.5415	3.6852	3.5789	3.9414	3.9347
Pd-97	2.8004	2.2967	2.7289	2.8958	3.1002	3.0127	3.3352	3.2960
Pd-98	3.0905	2.7527	3.0460	3.1708	3.1434	3.0366	3.3310	3.3827
Pd-99	2.8492	2.4468	2.7963	2.9359	3.0385	2.9540	3.2434	3.2442
Pm-136	3.9839	3.2127	3.8825	4.1340	4.5143	4.4124	4.8730	4.7829
Pm-137m	4.9212	4.1428	4.8232	5.0945	5.3034	5.1642	5.6820	5.6742
Pm-139	0.8765	0.7397	0.8579	0.9072	0.9175	0.8845	0.9828	0.9924
Pm-140m	4.3145	3.4624	4.1973	4.4766	4.8682	4.7422	5.2567	5.1701
Pm-140	0.3328	0.2756	0.3248	0.3448	0.3563	0.3440	0.3828	0.3836
Pm-141	0.8039	0.6886	0.7871	0.8313	0.8069	0.7694	0.8615	0.8844
Pm-142	0.3231	0.2798	0.3167	0.3339	0.3169	0.3008	0.3376	0.3496
Pm-143	1.6325	1.3972	1.5993	1.6891	1.6418	1.5675	1.7547	1.7996
Pm-144	4.2467	3.4893	4.1449	4.4035	4.6288	4.4898	4.9826	4.9592
Pm-145	1.2000	1.0541	1.1784	1.2415	1.1290	1.0610	1.2026	1.2681
Pm-146	2.3285	1.9298	2.2751	2.4133	2.5072	2.4279	2.6954	2.6941
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7189	0.5643	0.6967	0.7462	0.8313	0.8106	0.8996	0.8780
Pm-148m	4.2760	3.4341	4.1649	4.4394	4.8558	4.7452	5.2454	5.1465
Pm-149	0.0579	0.0477	0.0566	0.0603	0.0623	0.0602	0.0675	0.0677
Pm-150	2.3481	1.8761	2.2832	2.4361	2.6835	2.6207	2.8983	2.8380
Pm-151	1.8911	1.5916	1.8536	1.9601	2.0207	1.9626	2.1687	2.1743
Pm-152m	4.1987	3.4650	4.1025	4.3530	4.6170	4.4974	4.9669	4.9309
Pm-152	0.7788	0.6442	0.7606	0.8075	0.8439	0.8186	0.9076	0.9064
Pm-153	1.2535	1.0770	1.2297	1.2992	1.2675	1.2148	1.3584	1.3943
Pm-154	2.2416	1.7865	2.1724	2.3287	2.4700	2.3779	2.6738	2.6612
Pm-154m	3.9581	3.2417	3.8594	4.1071	4.3255	4.1927	4.6623	4.6442
Po-203	4.5709	3.7095	4.4370	4.7740	4.6458	4.3582	5.0880	5.2533
Po-204	6.9750	5.6678	6.7595	7.3205	6.6526	6.0775	7.3646	7.8398
Po-205	4.3416	3.5146	4.2135	4.5344	4.4372	4.1700	4.8574	5.0030
Po-206	5.5247	4.4753	5.3539	5.7924	5.3605	4.9242	5.9258	6.2574
Po-207	3.9400	3.1966	3.8260	4.1143	4.0279	3.7899	4.4068	4.5370
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0607	0.0457	0.0577	0.0651	0.0495	0.0403	0.0579	0.0672
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0145	0.0115	0.0140	0.0150	0.0165	0.0161	0.0179	0.0175
Po-212m	0.0543	0.0420	0.0523	0.0562	0.0623	0.0604	0.0674	0.0658

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0002
Po-215	0.0005	0.0004	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.5809	4.5402	5.4441	5.7871	6.2703	6.1247	6.7570	6.6518
Pr-134m	2.4854	2.0089	2.4198	2.5766	2.7974	2.7261	3.0160	2.9686
Pr-135	2.2277	1.9208	2.1877	2.3007	2.3021	2.2247	2.4520	2.4850
Pr-136	2.8399	2.3061	2.7660	2.9436	3.1563	3.0691	3.4000	3.3600
Pr-137	0.9971	0.8791	0.9800	1.0279	0.9694	0.9221	1.0273	1.0662
Pr-138	0.3366	0.2956	0.3306	0.3470	0.3287	0.3127	0.3486	0.3611
Pr-138m	4.9349	4.0339	4.8113	5.1139	5.4489	5.2955	5.8649	5.8102
Pr-139	1.0570	0.9446	1.0404	1.0886	1.0008	0.9472	1.0570	1.1084
Pr-140	0.5636	0.5038	0.5547	0.5804	0.5334	0.5049	0.5633	0.5908
Pr-142	0.0429	0.0328	0.0413	0.0445	0.0505	0.0489	0.0547	0.0532
Pr-142m	0.0298	0.0205	0.0277	0.0328	0.0186	0.0115	0.0240	0.0319
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0280	0.0219	0.0271	0.0291	0.0326	0.0317	0.0352	0.0344
Pr-144m	0.5591	0.4737	0.5437	0.5844	0.4915	0.4409	0.5369	0.5897
Pr-145	0.0437	0.0360	0.0427	0.0453	0.0476	0.0462	0.0512	0.0509
Pr-146	1.3393	1.0603	1.2999	1.3897	1.5390	1.5017	1.6639	1.6262
Pr-147	2.7575	2.3590	2.7045	2.8530	2.8308	2.7250	3.0239	3.0756
Pr-148	1.7957	1.4481	1.7491	1.8624	2.0387	1.9929	2.1991	2.1572
Pr-148m	2.7028	2.2081	2.6407	2.8033	3.0459	2.9835	3.2818	3.2260
Pt-184	7.9642	6.4443	7.7142	8.3795	7.5323	6.8696	8.3514	8.9325
Pt-186	3.8930	3.1331	3.7708	4.0897	3.7855	3.4883	4.1827	4.4145
Pt-187	4.9237	3.9814	4.7685	5.1790	4.6646	4.2570	5.1690	5.5231
Pt-188	3.5605	2.8761	3.4447	3.7532	3.2859	2.9615	3.6599	3.9622
Pt-189	4.6393	3.7351	4.4869	4.8880	4.3227	3.9090	4.8098	5.1828
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.1898	3.3879	4.0548	4.4144	3.8731	3.4973	4.3084	4.6570
Pt-193	0.6557	0.4621	0.6119	0.7173	0.4170	0.2659	0.5307	0.6977
Pt-193m	1.0007	0.7418	0.9456	1.0813	0.7274	0.5431	0.8770	1.0768
Pt-195m	3.2577	2.5461	3.1195	3.4723	2.6779	2.2354	3.0824	3.5448
Pt-197	0.9185	0.7191	0.8797	0.9787	0.7556	0.6302	0.8703	1.0008
Pt-197m	2.1715	1.6898	2.0778	2.3157	1.7835	1.4832	2.0580	2.3683
Pt-199	0.7685	0.6213	0.7472	0.8026	0.8078	0.7686	0.8820	0.8974
Pt-200	1.4871	1.1889	1.4331	1.5743	1.3042	1.1394	1.4719	1.6360
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.6277	1.3934	1.5902	1.6941	1.5252	1.4037	1.6653	1.7750
Pu-234	1.8763	1.6032	1.8313	1.9545	1.7353	1.5855	1.9001	2.0384
Pu-235	2.5459	2.1723	2.4827	2.6540	2.3220	2.1055	2.5493	2.7532
Pu-236	0.2816	0.2379	0.2720	0.2960	0.2124	0.1704	0.2426	0.2875
Pu-237	1.8456	1.5663	1.7952	1.9287	1.6212	1.4384	1.7948	1.9750
Pu-238	0.2601	0.2196	0.2512	0.2734	0.1959	0.1571	0.2239	0.2655
Pu-239	0.1538	0.1230	0.1469	0.1637	0.1104	0.0836	0.1302	0.1592
Pu-240	0.2446	0.2065	0.2362	0.2571	0.1843	0.1478	0.2106	0.2497
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2097	0.1771	0.2026	0.2204	0.1581	0.1268	0.1806	0.2141
Pu-243	0.6899	0.5940	0.6749	0.7172	0.6490	0.6013	0.7050	0.7487
Pu-244	0.2009	0.1686	0.1943	0.2108	0.1617	0.1351	0.1828	0.2099
Pu-245	1.7481	1.4577	1.7075	1.8150	1.8284	1.7490	1.9792	2.0084
Pu-246	2.7029	2.3277	2.6458	2.8056	2.5912	2.4173	2.8073	2.9539
Ra-219	1.1701	0.9736	1.1430	1.2180	1.2103	1.1542	1.3142	1.3418
Ra-220	0.0133	0.0108	0.0129	0.0138	0.0149	0.0145	0.0161	0.0158
Ra-221	1.0462	0.8611	1.0124	1.1011	0.9089	0.7929	1.0209	1.1352
Ra-222	0.0442	0.0366	0.0433	0.0459	0.0485	0.0472	0.0523	0.0520
Ra-223	2.0714	1.7216	2.0159	2.1677	1.9754	1.8195	2.1722	2.3068
Ra-224	0.0775	0.0649	0.0758	0.0805	0.0821	0.0792	0.0888	0.0896
Ra-225	0.7278	0.6334	0.7116	0.7563	0.6376	0.5734	0.6938	0.7588
Ra-226	0.9733	0.8579	0.9787	1.0092	1.0702	1.0722	1.1172	1.0924
Ra-227	2.1060	1.7495	2.0393	2.2100	1.8208	1.5867	2.0370	2.2653
Ra-228	0.9821	0.8724	0.9859	1.0151	1.0744	1.0737	1.1160	1.0894
Ra-230	1.0383	0.8671	1.0110	1.0853	0.9854	0.9063	1.0826	1.1508
Rb-77	2.2422	1.8873	2.1973	2.3224	2.3927	2.3202	2.5718	2.5786
Rb-78m	3.1796	2.5272	3.0874	3.2992	3.6242	3.5315	3.9186	3.8403
Rb-78	2.4489	1.9151	2.3634	2.5393	2.6920	2.5987	2.9185	2.8721
Rb-79	2.7968	2.3269	2.7304	2.9082	2.8933	2.7505	3.1463	3.2120
Rb-80	0.3823	0.3054	0.3718	0.3973	0.4304	0.4182	0.4665	0.4599
Rb-81	1.3556	1.1162	1.3126	1.4215	1.2025	1.0528	1.3505	1.4832
Rb-81m	0.9246	0.8026	0.8999	0.9651	0.7264	0.6027	0.8202	0.9479
Rb-82	0.2532	0.2018	0.2454	0.2638	0.2700	0.2559	0.2955	0.2986
Rb-82m	5.0138	3.9996	4.8616	5.2210	5.3982	5.1391	5.8957	5.9325
Rb-83	2.2763	1.8586	2.2047	2.3852	2.1092	1.8862	2.3543	2.5353
Rb-84	1.6499	1.3312	1.5949	1.7267	1.5736	1.4192	1.7519	1.8628
Rb-84m	2.1532	1.8051	2.1078	2.2343	2.2750	2.1870	2.4619	2.4864
Rb-86m	1.2433	0.9991	1.2115	1.2910	1.4117	1.3796	1.5259	1.4973
Rb-86	0.1088	0.0845	0.1052	0.1130	0.1266	0.1234	0.1372	0.1337
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.4760	0.3653	0.4585	0.4937	0.5556	0.5393	0.6019	0.5856
Rb-89	2.0673	1.5988	1.9960	2.1453	2.4061	2.3404	2.6064	2.5385
Rb-90	1.1427	0.8762	1.0983	1.1830	1.2662	1.2279	1.3707	1.3337
Rb-90m	2.5889	2.0028	2.4972	2.6845	2.9432	2.8581	3.1883	3.1088
Re-178	3.9091	3.1356	3.7833	4.0999	3.8537	3.5750	4.2435	4.4401
Re-179	4.6853	3.7908	4.5481	4.9063	4.7223	4.4260	5.1779	5.3690
Re-180	4.0953	3.2629	3.9589	4.3033	4.0192	3.7049	4.4421	4.6727
Re-181	4.8259	3.8909	4.6772	5.0674	4.7176	4.3625	5.2021	5.4744
Re-182	9.3642	7.6109	9.0920	9.8095	9.3141	8.6975	10.2173	10.6586
Re-182m	4.8389	3.9070	4.6889	5.0752	4.7449	4.3959	5.2196	5.4824
Re-183	4.1265	3.3120	3.9835	4.3618	3.6949	3.2784	4.1384	4.5472
Re-184	3.6718	2.9397	3.5537	3.8552	3.6147	3.3436	3.9872	4.1846
Re-184m	3.7002	2.9481	3.5704	3.9080	3.4152	3.0625	3.8186	4.1411
Re-186	0.4477	0.3645	0.4340	0.4710	0.4199	0.3826	0.4651	0.4993
Re-186m	2.0178	1.4673	1.8986	2.1899	1.4155	1.0175	1.7308	2.1657
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4771	0.3917	0.4644	0.4990	0.4818	0.4537	0.5269	0.5456
Re-188m	2.7020	2.1237	2.5935	2.8738	2.2949	1.9627	2.6154	2.9574
Re-189	0.5691	0.4600	0.5516	0.5981	0.5533	0.5101	0.6119	0.6467
Re-190	4.2264	3.4445	4.1234	4.3929	4.6631	4.5308	5.0430	5.0100
Re-190m	3.9594	3.2011	3.8477	4.1397	4.1041	3.8872	4.4875	4.5950
Rh-100m	1.5558	1.4553	1.5375	1.5847	1.4234	1.3349	1.4944	1.5786
Rh-100	3.8680	3.1963	3.7664	3.9932	4.1942	4.0392	4.5125	4.4969
Rh-101	3.7029	3.2638	3.6481	3.8093	3.8164	3.6930	4.0620	4.1144
Rh-101m	2.2771	2.0083	2.2401	2.3405	2.2981	2.2002	2.4509	2.5009
Rh-102	1.4293	1.2431	1.4024	1.4701	1.4561	1.3917	1.5572	1.5840
Rh-102m	4.9973	4.1369	4.8776	5.1666	5.4472	5.2732	5.8638	5.8294
Rh-103m	0.1537	0.1343	0.1494	0.1598	0.1250	0.1076	0.1376	0.1562
Rh-104	0.0313	0.0258	0.0305	0.0324	0.0345	0.0335	0.0371	0.0368
Rh-104m	1.7182	1.5878	1.7012	1.7541	1.6493	1.5807	1.7274	1.7851
Rh-105	0.3526	0.2923	0.3454	0.3654	0.3942	0.3868	0.4238	0.4175
Rh-106	0.4277	0.3427	0.4165	0.4440	0.4885	0.4780	0.5278	0.5167
Rh-106m	4.6965	3.7342	4.5650	4.8748	5.3908	5.2674	5.8279	5.6978
Rh-107	1.3580	1.1251	1.3302	1.4074	1.5194	1.4909	1.6337	1.6090
Rh-108	0.8146	0.6594	0.7949	0.8454	0.9248	0.9058	0.9981	0.9787
Rh-109	1.5759	1.3286	1.5463	1.6298	1.7298	1.6937	1.8537	1.8365
Rh-94	2.9445	2.3026	2.8493	3.0547	3.4014	3.3121	3.6808	3.5909
Rh-95	2.1753	1.7415	2.1096	2.2515	2.4336	2.3556	2.6277	2.5888
Rh-95m	1.3136	1.0649	1.2791	1.3606	1.4596	1.4217	1.5739	1.5495
Rh-96	5.0342	4.0200	4.8918	5.2205	5.7163	5.5653	6.1784	6.0615

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.4330	1.1927	1.3958	1.4779	1.5347	1.4744	1.6491	1.6494
Rh-97	1.9892	1.6592	1.9433	2.0550	2.1531	2.0834	2.3151	2.3061
Rh-97m	3.3027	2.7708	3.2237	3.4061	3.5369	3.4107	3.7947	3.7938
Rh-98	1.5072	1.2096	1.4660	1.5628	1.7051	1.6606	1.8419	1.8092
Rh-99	3.2667	2.8828	3.2135	3.3562	3.2969	3.1593	3.5121	3.5822
Rh-99m	2.4902	2.1596	2.4438	2.5631	2.5632	2.4591	2.7411	2.7781
Rn-207	3.4069	2.7953	3.3184	3.5509	3.5290	3.3507	3.8444	3.9283
Rn-209	3.7894	3.1011	3.6876	3.9504	3.9119	3.7052	4.2654	4.3661
Rn-210	0.2943	0.2407	0.2859	0.3078	0.2907	0.2701	0.3195	0.3341
Rn-211	4.6011	3.7161	4.4673	4.7979	4.8163	4.5629	5.2590	5.3574
Rn-212	0.0006	0.0005	0.0006	0.0007	0.0007	0.0007	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0013	0.0016	0.0017	0.0018	0.0018	0.0020	0.0019
Rn-219	0.2993	0.2479	0.2926	0.3110	0.3229	0.3126	0.3491	0.3497
Rn-220	1.0140	0.9186	1.0182	1.0419	1.0936	1.0934	1.1392	1.0999
Rn-222	0.0010	0.0008	0.0010	0.0010	0.0011	0.0011	0.0012	0.0012
Rn-223	2.1463	1.7396	2.0752	2.2563	1.9741	1.7648	2.2037	2.3874
Ru-103	1.2418	1.0045	1.2116	1.2886	1.4089	1.3796	1.5204	1.4911
Ru-105	1.8938	1.5546	1.8491	1.9612	2.1087	2.0566	2.2706	2.2404
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7614	0.6201	0.7429	0.7892	0.8598	0.8411	0.9262	0.9101
Ru-108	0.7663	0.6646	0.7544	0.7905	0.8156	0.7965	0.8700	0.8709
Ru-92	7.3292	6.3551	7.2037	7.5517	7.6454	7.3897	8.1660	8.2381
Ru-94	2.3985	2.0847	2.3536	2.4693	2.4305	2.3164	2.6051	2.6583
Ru-95	3.0017	2.5393	2.9361	3.0978	3.1680	3.0442	3.4047	3.4251
Ru-97	2.6267	2.3181	2.5855	2.7025	2.6461	2.5325	2.8261	2.8904
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1394	0.8486	1.0840	1.1761	1.1859	1.1413	1.2832	1.2447
S-38	0.9788	0.7413	0.9391	1.0144	1.1559	1.1185	1.2527	1.2173
Sb-111	2.3674	1.9964	2.3211	2.4467	2.5946	2.5389	2.7769	2.7527
Sb-113	1.7477	1.4618	1.7098	1.8063	1.9069	1.8569	2.0438	2.0301
Sb-114	2.0868	1.6507	2.0208	2.1618	2.3818	2.3130	2.5721	2.5211
Sb-115	1.9031	1.6195	1.8645	1.9628	2.0280	1.9669	2.1659	2.1686
Sb-116	1.9991	1.6160	1.9393	2.0658	2.2251	2.1526	2.3933	2.3649
Sb-116m	5.9273	4.9158	5.7842	6.1237	6.5055	6.3246	6.9747	6.9181
Sb-117	2.4855	2.2120	2.4505	2.5533	2.5480	2.4726	2.6948	2.7324
Sb-118	0.3017	0.2752	0.2972	0.3082	0.2903	0.2763	0.3043	0.3162
Sb-118m	5.9236	4.9967	5.7925	6.1072	6.3904	6.2048	6.8232	6.8010

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	1.2103	1.1218	1.1926	1.2375	1.0915	1.0180	1.1454	1.2257
Sb-120	0.5794	0.5408	0.5723	0.5904	0.5390	0.5108	0.5615	0.5907
Sb-120m	6.3996	5.3839	6.2625	6.6065	6.9779	6.8052	7.4576	7.4098
Sb-122m	2.1641	1.9388	2.1338	2.2256	2.1201	2.0358	2.2388	2.3115
Sb-122	0.9771	0.7863	0.9521	1.0140	1.1109	1.0865	1.1994	1.1758
Sb-124	2.3064	1.8143	2.2362	2.3940	2.6646	2.5989	2.8829	2.8144
Sb-124m	1.0241	0.8111	0.9938	1.0683	1.1276	1.0851	1.2290	1.2261
Sb-124n	0.1039	0.0714	0.0966	0.1142	0.0650	0.0401	0.0837	0.1112
Sb-125	1.8387	1.5771	1.8036	1.8956	1.9429	1.8845	2.0705	2.0788
Sb-126	5.4598	4.3628	5.3142	5.6683	6.2468	6.1099	6.7519	6.6060
Sb-126m	3.2943	2.6394	3.2079	3.4207	3.7543	3.6701	4.0583	3.9768
Sb-127	1.5790	1.2772	1.5396	1.6379	1.7881	1.7488	1.9288	1.8930
Sb-128	6.0848	4.8681	5.9231	6.3160	6.9564	6.8039	7.5164	7.3557
Sb-128m	3.9825	3.1980	3.8791	4.1332	4.5404	4.4412	4.9038	4.8029
Sb-129	2.0693	1.6327	2.0080	2.1479	2.3858	2.3287	2.5810	2.5204
Sb-130m	4.5708	3.6471	4.4441	4.7422	5.2286	5.1078	5.6484	5.5277
Sb-130	6.6812	5.3950	6.5105	6.9289	7.5885	7.4221	8.1851	8.0268
Sb-131	2.5797	2.0283	2.5003	2.6771	2.9792	2.9049	3.2229	3.1467
Sb-133	2.6561	2.0637	2.5669	2.7559	3.0821	2.9996	3.3372	3.2521
Sc-42m	3.6508	2.8608	3.5354	3.7885	4.2281	4.1198	4.5757	4.4643
Sc-43	0.3187	0.2584	0.3107	0.3320	0.3482	0.3365	0.3780	0.3776
Sc-44	1.2590	0.9729	1.2160	1.3077	1.4631	1.4219	1.5871	1.5484
Sc-44m	1.3154	1.0898	1.2880	1.3649	1.4578	1.4261	1.5701	1.5543
Sc-46	2.5074	1.9536	2.4271	2.6036	2.9129	2.8395	3.1556	3.0754
Sc-47	1.1301	0.9645	1.1121	1.1685	1.2447	1.2262	1.3304	1.3156
Sc-48	3.8710	3.0107	3.7444	4.0187	4.5025	4.3864	4.8767	4.7526
Sc-49	0.0007	0.0005	0.0007	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.5344	2.7580	3.4203	3.6684	4.1026	3.9966	4.4414	4.3303
Se-70	3.6059	2.7826	3.4460	3.8464	3.0014	2.5035	3.4635	3.9639
Se-71	1.5719	1.2840	1.5327	1.6323	1.7312	1.6807	1.8701	1.8592
Se-72	2.6035	2.0027	2.4791	2.7902	1.9730	1.5487	2.3178	2.7753
Se-73	3.0240	2.4644	2.9389	3.1671	3.0087	2.8115	3.3024	3.4423
Se-73m	0.5258	0.4069	0.5027	0.5602	0.4398	0.3674	0.5077	0.5795
Se-75	4.1631	3.3285	4.0222	4.3897	3.9336	3.5594	4.3908	4.7141
Se-77m	1.4377	1.1669	1.3918	1.5132	1.3392	1.2073	1.4935	1.6106
Se-79m	1.1304	0.8620	1.0725	1.2153	0.8122	0.6037	0.9761	1.2011
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0262	0.0215	0.0257	0.0272	0.0295	0.0289	0.0318	0.0313
Se-81m	1.1904	0.9138	1.1317	1.2772	0.8783	0.6689	1.0464	1.2706
Se-83m	1.2559	0.9880	1.2175	1.3035	1.4504	1.4145	1.5692	1.5323

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	4.3140	3.4542	4.1971	4.4758	4.9303	4.8182	5.3242	5.2139
Se-84	1.2975	1.0583	1.2678	1.3461	1.4666	1.4374	1.5816	1.5528
Si-31	0.0008	0.0007	0.0008	0.0009	0.0010	0.0010	0.0011	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3576	1.9493	2.3044	2.4445	2.5743	2.5036	2.7696	2.7551
Sm-140	1.8861	1.6077	1.8480	1.9530	1.9249	1.8460	2.0600	2.1021
Sm-141	2.0655	1.7002	2.0158	2.1412	2.2465	2.1773	2.4175	2.4087
Sm-141m	4.3936	3.6350	4.2926	4.5530	4.7865	4.6501	5.1447	5.1227
Sm-142	1.1097	0.9733	1.0902	1.1479	1.0519	0.9920	1.1198	1.1760
Sm-143	0.7032	0.6121	0.6901	0.7276	0.6768	0.6400	0.7214	0.7531
Sm-143m	1.2448	0.9927	1.2103	1.2926	1.4100	1.3735	1.5248	1.4976
Sm-145	2.2899	2.0107	2.2512	2.3679	2.1871	2.0704	2.3258	2.4334
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0029	0.0021	0.0027	0.0032	0.0019	0.0013	0.0024	0.0031
Sm-153	1.5701	1.3612	1.5433	1.6259	1.5672	1.5031	1.6722	1.7203
Sm-155	1.5981	1.3840	1.5744	1.6507	1.7023	1.6693	1.8108	1.8128
Sm-156	1.5556	1.3029	1.5195	1.6214	1.5678	1.4874	1.7002	1.7566
Sm-157	2.2300	1.8788	2.1874	2.3094	2.4210	2.3648	2.5944	2.5850
Sn-106	3.5612	3.0369	3.4912	3.6719	3.8131	3.7068	4.0707	4.0672
Sn-108	3.5879	3.0972	3.5244	3.6968	3.7998	3.6942	4.0488	4.0599
Sn-109	3.0089	2.4905	2.9293	3.1037	3.2747	3.1651	3.5098	3.4906
Sn-110	2.3402	2.0545	2.3027	2.4068	2.4222	2.3464	2.5722	2.6000
Sn-111	0.8321	0.7584	0.8194	0.8495	0.8031	0.7641	0.8430	0.8740
Sn-113	0.9712	0.9142	0.9604	0.9881	0.8952	0.8469	0.9316	0.9824
Sn-113m	0.6795	0.6313	0.6700	0.6941	0.6175	0.5786	0.6465	0.6889
Sn-117m	2.3434	2.0710	2.3088	2.4108	2.4155	2.3440	2.5613	2.5940
Sn-119m	0.8396	0.7643	0.8239	0.8629	0.7392	0.6769	0.7847	0.8528
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2817	0.2489	0.2751	0.2918	0.2450	0.2209	0.2637	0.2898
Sn-123	0.0080	0.0062	0.0077	0.0083	0.0093	0.0091	0.0101	0.0098
Sn-123m	1.5597	1.3425	1.5354	1.6107	1.6935	1.6635	1.8063	1.7950
Sn-125m	1.4032	1.1592	1.3738	1.4545	1.5727	1.5428	1.6917	1.6652
Sn-125	0.4144	0.3242	0.4014	0.4302	0.4803	0.4683	0.5200	0.5072
Sn-126	1.4527	1.2776	1.4284	1.5000	1.4372	1.3758	1.5306	1.5811
Sn-127m	1.2262	0.9872	1.1952	1.2726	1.3965	1.3668	1.5077	1.4772
Sn-127	2.7004	2.1489	2.6225	2.8005	3.0893	3.0142	3.3364	3.2656
Sn-128	3.8312	3.3838	3.7711	3.9352	3.9204	3.7953	4.1443	4.2024
Sn-129	1.6282	1.2903	1.5818	1.6905	1.8723	1.8291	2.0250	1.9790

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	3.9228	3.3308	3.8491	4.0506	4.2567	4.1618	4.5456	4.5196
Sn-130m	2.3390	1.9727	2.2900	2.4140	2.5397	2.4758	2.7127	2.6969
Sr-79	1.8572	1.6106	1.8245	1.9204	1.8538	1.7614	1.9946	2.0546
Sr-80	1.8866	1.5917	1.8384	1.9639	1.7640	1.6001	1.9464	2.0766
Sr-81	2.3292	1.9553	2.2823	2.4132	2.5187	2.4469	2.7119	2.7091
Sr-82	1.0529	0.9171	1.0237	1.0998	0.7888	0.6330	0.8992	1.0629
Sr-83	2.4124	2.0309	2.3461	2.5131	2.1924	1.9549	2.4326	2.6299
Sr-85	2.2618	1.8928	2.2026	2.3548	2.1566	1.9697	2.3770	2.5147
Sr-85m	1.7209	1.4487	1.6865	1.7857	1.8278	1.7657	1.9731	1.9886
Sr-87m	1.2474	1.0332	1.2191	1.2944	1.3392	1.2900	1.4502	1.4544
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0332	0.8124	1.0022	1.0729	1.1937	1.1651	1.2922	1.2612
Sr-92	1.2451	0.9619	1.2018	1.2920	1.4537	1.4134	1.5751	1.5337
Sr-93	3.5060	2.8057	3.4077	3.6372	3.9632	3.8538	4.2861	4.2152
Sr-94	1.2355	0.9499	1.1912	1.2821	1.4469	1.4058	1.5681	1.5256
Ta-170	2.1008	1.6968	2.0354	2.2069	2.0330	1.8728	2.2431	2.3727
Ta-172	4.3496	3.5061	4.2186	4.5520	4.4205	4.1503	4.8414	5.0028
Ta-173	3.8864	3.1482	3.7636	4.0884	3.6454	3.3187	4.0336	4.3254
Ta-174	3.7241	3.0250	3.6132	3.9056	3.6464	3.3829	4.0079	4.2126
Ta-175	4.7782	3.9008	4.6436	4.9979	4.7748	4.4768	5.2179	5.4224
Ta-176	4.4015	3.4956	4.2534	4.6108	4.4570	4.1558	4.8967	5.0720
Ta-177	1.9254	1.5789	1.8681	2.0247	1.7699	1.6067	1.9545	2.1117
Ta-178	2.0189	1.6441	1.9555	2.1262	1.8389	1.6573	2.0385	2.2144
Ta-178m	8.8086	7.2769	8.5936	9.1903	9.0506	8.6166	9.8348	10.0800
Ta-179	1.0962	0.8688	1.0540	1.1640	0.9327	0.8023	1.0571	1.1918
Ta-180	1.6700	1.3618	1.6177	1.7595	1.5102	1.3575	1.6754	1.8261
Ta-182	3.8044	3.0707	3.6914	3.9772	3.9020	3.6787	4.2655	4.3879
Ta-182m	4.8630	3.9228	4.7050	5.1260	4.5324	4.1023	5.0412	5.4349
Ta-183	4.4481	3.5882	4.3044	4.6870	4.1569	3.7684	4.6195	4.9718
Ta-184	5.8249	4.6909	5.6576	6.0891	6.0923	5.7809	6.6612	6.7966
Ta-185	2.5335	2.0340	2.4486	2.6732	2.3496	2.1173	2.6205	2.8341
Ta-186	5.3150	4.3440	5.1839	5.5312	5.7524	5.5569	6.2314	6.2463
Tb-146	2.7732	2.1684	2.6794	2.8777	3.1388	3.0371	3.3973	3.3375
Tb-147m	2.1151	1.7031	2.0512	2.1964	2.2692	2.1723	2.4524	2.4619
Tb-147	3.7778	3.0785	3.6786	3.9208	4.1077	3.9695	4.4299	4.4205
Tb-148m	6.2620	5.0572	6.0987	6.5023	6.9709	6.7763	7.5300	7.4445
Tb-148	2.7425	2.1967	2.6636	2.8477	3.0328	2.9342	3.2787	3.2493
Tb-149m	2.9571	2.4167	2.8820	3.0718	3.1793	3.0651	3.4323	3.4392
Tb-149	3.5452	2.9249	3.4601	3.6800	3.7952	3.6639	4.0896	4.1026

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	6.4464	5.2490	6.2877	6.6940	7.1093	6.9084	7.6729	7.6108
Tb-150	3.3047	2.6669	3.2109	3.4313	3.5796	3.4499	3.8667	3.8579
Tb-151	4.8915	4.0937	4.7859	5.0779	5.1364	4.9505	5.5269	5.5864
Tb-151m	1.3634	1.0461	1.3002	1.4580	1.0993	0.9006	1.2742	1.4812
Tb-152m	4.4613	3.7170	4.3598	4.6408	4.6208	4.4244	4.9914	5.0820
Tb-152	3.1503	2.5918	3.0725	3.2706	3.3690	3.2480	3.6322	3.6459
Tb-153	3.3284	2.8133	3.2567	3.4612	3.3366	3.1729	3.5965	3.7101
Tb-154	3.7443	3.0594	3.6417	3.8880	3.9682	3.8026	4.2823	4.3181
Tb-155	3.3772	2.8871	3.3110	3.5078	3.3656	3.2087	3.6151	3.7333
Tb-156	5.5759	4.5880	5.4372	5.7946	5.9164	5.6871	6.3878	6.4419
Tb-156m	1.0844	0.9558	1.0711	1.1185	1.1032	1.0757	1.1634	1.1788
Tb-156n	0.4124	0.3028	0.3889	0.4464	0.2965	0.2191	0.3585	0.4429
Tb-157	0.4298	0.3250	0.4080	0.4622	0.3233	0.2513	0.3820	0.4601
Tb-158	3.0029	2.4725	2.9237	3.1293	3.0491	2.8851	3.3070	3.4018
Tb-160	2.4919	2.0050	2.4218	2.5940	2.7070	2.6045	2.9365	2.9405
Tb-161	1.4542	1.2229	1.4137	1.5223	1.3021	1.1756	1.4267	1.5556
Tb-162	3.2414	2.6407	3.1604	3.3698	3.5488	3.4388	3.8383	3.8251
Tb-163	2.6474	2.1633	2.5856	2.7495	2.9384	2.8644	3.1722	3.1396
Tb-164	5.2823	4.2627	5.1401	5.4923	5.8189	5.6312	6.3001	6.2669
Tb-165	1.1983	0.9345	1.1565	1.2519	1.2957	1.2299	1.4183	1.4297
Tc-101	1.4962	1.2409	1.4658	1.5506	1.6727	1.6414	1.7982	1.7715
Tc-102m	3.1253	2.4678	3.0319	3.2432	3.6021	3.5140	3.8954	3.8056
Tc-102	0.1465	0.1172	0.1426	0.1521	0.1675	0.1638	0.1810	0.1772
Tc-104	3.0820	2.4623	2.9955	3.1960	3.5121	3.4295	3.7918	3.7114
Tc-105	2.6942	2.2653	2.6399	2.7854	2.9461	2.8763	3.1582	3.1347
Tc-91	1.1341	0.8836	1.0937	1.1746	1.2931	1.2500	1.3993	1.3702
Tc-91m	0.8533	0.6880	0.8310	0.8850	0.9634	0.9393	1.0405	1.0228
Tc-92	5.4708	4.4756	5.3366	5.6651	6.1221	5.9724	6.5907	6.4946
Tc-93	2.1585	1.8163	2.1021	2.2247	2.2219	2.0988	2.3957	2.4375
Tc-93m	1.5044	1.2589	1.4678	1.5529	1.5890	1.5253	1.7101	1.7165
Tc-94	4.9026	4.0053	4.7741	5.0750	5.3621	5.1720	5.7929	5.7598
Tc-94m	1.7634	1.4255	1.7130	1.8254	1.9414	1.8715	2.0986	2.0810
Tc-95	2.3283	1.9936	2.2777	2.4000	2.3591	2.2333	2.5410	2.5971
Tc-95m	3.0430	2.6184	2.9844	3.1388	3.1340	2.9991	3.3658	3.4189
Tc-96	4.8624	3.9848	4.7360	5.0317	5.2893	5.0942	5.7140	5.6917
Tc-96m	0.6104	0.5603	0.6007	0.6250	0.5382	0.4900	0.5753	0.6212
Tc-97	1.0200	0.9539	1.0065	1.0423	0.8647	0.7763	0.9239	1.0139
Tc-97m	0.7785	0.7293	0.7683	0.7947	0.6695	0.6070	0.7117	0.7752
Tc-98	2.5389	2.0144	2.4682	2.6367	2.9175	2.8520	3.1564	3.0842
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.6012	1.3815	1.5766	1.6534	1.7268	1.6937	1.8423	1.8367
Te-113	1.4139	1.1157	1.3691	1.4654	1.6191	1.5737	1.7493	1.7128
Te-114	3.0605	2.6241	2.9957	3.1545	3.1793	3.0595	3.3900	3.4314
Te-115	2.3061	1.8658	2.2421	2.3870	2.5848	2.5124	2.7831	2.7428
Te-115m	2.5923	2.0849	2.5167	2.6830	2.9128	2.8269	3.1382	3.0910
Te-116	2.1655	1.9738	2.1373	2.2171	2.1066	2.0210	2.2103	2.2862
Te-117	2.1287	1.7728	2.0753	2.1965	2.3011	2.2244	2.4640	2.4574
Te-118	0.9451	0.8826	0.9337	0.9638	0.8723	0.8252	0.9086	0.9595
Te-119	2.2329	1.9069	2.1861	2.3009	2.3514	2.2715	2.5076	2.5221
Te-119m	3.8859	3.2843	3.8027	4.0097	4.1940	4.0765	4.4817	4.4694
Te-121	2.2263	1.9162	2.1828	2.2933	2.3274	2.2490	2.4788	2.4991
Te-121m	2.0958	1.8175	2.0591	2.1631	2.1728	2.1012	2.3169	2.3488
Te-123	0.0917	0.0634	0.0853	0.1007	0.0578	0.0362	0.0741	0.0980
Te-123m	2.0905	1.8236	2.0563	2.1568	2.1638	2.0960	2.3047	2.3350
Te-125m	1.6629	1.5351	1.6404	1.7009	1.5363	1.4493	1.6073	1.6996
Te-127	0.0178	0.0148	0.0174	0.0184	0.0198	0.0194	0.0213	0.0210
Te-127m	0.5578	0.5042	0.5477	0.5741	0.5015	0.4638	0.5317	0.5724
Te-129	0.4537	0.3831	0.4413	0.4724	0.4253	0.3904	0.4629	0.4938
Te-129m	0.4496	0.4033	0.4415	0.4624	0.4199	0.3934	0.4449	0.4704
Te-131	1.9105	1.6137	1.8745	1.9752	2.0978	2.0565	2.2444	2.2235
Te-131m	3.0262	2.4746	2.9514	3.1338	3.3791	3.2961	3.6348	3.5848
Te-132	2.6080	2.2891	2.5687	2.6852	2.7071	2.6324	2.8694	2.8976
Te-133	2.2295	1.7985	2.1719	2.3122	2.5351	2.4788	2.7345	2.6812
Te-133m	3.3517	2.7114	3.2633	3.4734	3.7736	3.6792	4.0667	4.0010
Te-134	3.2506	2.7246	3.1851	3.3624	3.5713	3.4941	3.8254	3.7902
Th-223	1.9511	1.6382	1.8985	2.0416	1.7812	1.6093	1.9673	2.1298
Th-224	0.2737	0.2304	0.2674	0.2849	0.2732	0.2573	0.2975	0.3086
Th-226	0.2763	0.2305	0.2677	0.2902	0.2346	0.2026	0.2634	0.2955
Th-227	2.3532	1.9498	2.2795	2.4714	2.0455	1.7869	2.2911	2.5421
Th-228	0.2630	0.2169	0.2533	0.2778	0.2010	0.1613	0.2314	0.2735
Th-229	3.3822	2.8021	3.2730	3.5577	2.8679	2.4735	3.2261	3.6251
Th-230	0.6619	0.6473	0.6660	0.6733	0.6831	0.6800	0.6832	0.6905
Th-231	2.1155	1.7769	2.0441	2.2242	1.6504	1.3558	1.8748	2.1880
Th-232	0.9199	0.8065	0.9212	0.9561	1.0190	1.0233	1.0685	1.0488
Th-233	0.5933	0.4757	0.5701	0.6284	0.4895	0.4106	0.5590	0.6394
Th-234	0.4184	0.3535	0.4066	0.4380	0.3624	0.3190	0.4027	0.4462
Th-235	0.1518	0.1235	0.1479	0.1579	0.1644	0.1582	0.1783	0.1786
Th-236	0.3828	0.3212	0.3727	0.3997	0.3582	0.3267	0.3943	0.4217
Ti-44	2.9541	2.5553	2.9104	3.0569	3.0924	3.0244	3.2932	3.3189
Ti-45	0.0351	0.0245	0.0328	0.0383	0.0241	0.0165	0.0301	0.0382

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.4208	1.1698	1.3905	1.4732	1.5980	1.5680	1.7198	1.6911
Ti-52	2.1226	1.8197	2.0821	2.2002	2.1688	2.0786	2.3348	2.3903
Tl-190	2.2648	1.8350	2.2030	2.3629	2.3880	2.2772	2.6028	2.6415
Tl-190m	5.5470	4.4725	5.3965	5.7781	6.0150	5.7873	6.5371	6.5515
Tl-194	2.6248	2.1316	2.5510	2.7449	2.6718	2.5154	2.9253	3.0179
Tl-194m	7.6542	6.1761	7.4383	7.9912	8.0488	7.6547	8.7875	8.9355
Tl-195	4.0744	3.2366	3.9298	4.2904	3.8676	3.4978	4.3095	4.6112
Tl-196	4.0284	3.2373	3.9075	4.2075	4.1981	3.9704	4.5893	4.6886
Tl-197	3.1670	2.5793	3.0720	3.3239	3.0358	2.7899	3.3508	3.5567
Tl-198	4.4378	3.5613	4.3025	4.6359	4.6148	4.3585	5.0477	5.1626
Tl-198m	5.4924	4.4289	5.3283	5.7539	5.5298	5.1652	6.0823	6.3155
Tl-199	3.1425	2.5698	3.0498	3.3001	2.9774	2.7268	3.2897	3.5108
Tl-200	4.2652	3.4466	4.1412	4.4580	4.3867	4.1373	4.8002	4.9312
Tl-201	2.7553	2.2364	2.6647	2.9065	2.4672	2.1936	2.7585	3.0283
Tl-202	3.0918	2.5188	3.0034	3.2393	3.0520	2.8411	3.3546	3.5105
Tl-204	0.0455	0.0366	0.0438	0.0481	0.0396	0.0345	0.0446	0.0497
Tl-206m	7.2520	5.8998	7.0698	7.5413	7.9440	7.6908	8.6040	8.5781
Tl-206	0.0020	0.0017	0.0020	0.0022	0.0019	0.0017	0.0021	0.0023
Tl-207	0.0035	0.0027	0.0034	0.0036	0.0040	0.0039	0.0043	0.0042
Tl-208	2.9195	2.2896	2.8228	3.0296	3.3085	3.2067	3.5825	3.5167
Tl-209	4.3057	3.5165	4.1969	4.4674	4.7531	4.6166	5.1273	5.0911
Tl-210	4.5579	3.6231	4.4182	4.7472	4.9775	4.7676	5.4227	5.4277
Tm-161	6.1341	5.1182	5.9851	6.3936	6.1119	5.7737	6.6181	6.8573
Tm-162	3.0208	2.4449	2.9322	3.1489	3.1351	2.9750	3.4069	3.4735
Tm-163	4.9660	4.1089	4.8414	5.1730	5.0663	4.8141	5.4848	5.6265
Tm-164	1.4641	1.2049	1.4236	1.5308	1.4303	1.3336	1.5594	1.6339
Tm-165	3.9853	3.3185	3.8911	4.1535	4.0300	3.8267	4.3644	4.4930
Tm-166	4.5682	3.6940	4.4348	4.7671	4.7327	4.4820	5.1525	5.2675
Tm-167	2.7647	2.2904	2.6909	2.8958	2.6384	2.4429	2.8858	3.0583
Tm-168	5.2522	4.3024	5.1160	5.4770	5.4534	5.1959	5.9232	6.0424
Tm-170	0.1557	0.1235	0.1498	0.1653	0.1344	0.1164	0.1520	0.1704
Tm-171	0.0231	0.0188	0.0223	0.0243	0.0208	0.0187	0.0230	0.0251
Tm-172	0.9519	0.7432	0.9163	1.0012	0.9468	0.8698	1.0495	1.1005
Tm-173	1.4266	1.1660	1.3927	1.4831	1.5630	1.5170	1.6904	1.6826
Tm-174	6.2612	5.1008	6.1010	6.5207	6.7354	6.4843	7.3067	7.3453
Tm-175	2.4356	1.9532	2.3684	2.5347	2.6850	2.5955	2.9117	2.8964
Tm-176	4.4347	3.5738	4.3080	4.6227	4.7319	4.5269	5.1462	5.1942
U-227	1.9035	1.6035	1.8549	1.9872	1.7824	1.6297	1.9594	2.0940
U-228	0.2873	0.2417	0.2781	0.3017	0.2302	0.1923	0.2604	0.2999
U-230	0.3082	0.2582	0.2974	0.3244	0.2337	0.1877	0.2679	0.3169

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	3.9438	3.3393	3.8279	4.1298	3.3163	2.8659	3.7049	4.1650
U-232	0.2886	0.2413	0.2783	0.3041	0.2153	0.1706	0.2478	0.2956
U-233	0.1529	0.1265	0.1471	0.1615	0.1132	0.0888	0.1310	0.1571
U-234	0.5686	0.5621	0.5729	0.5769	0.5823	0.5861	0.5821	0.5926
U-235	1.1292	1.0698	1.1311	1.1474	1.1845	1.1801	1.2191	1.2077
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2382	0.1990	0.2296	0.2510	0.1768	0.1396	0.2038	0.2437
U-237	3.4328	2.9199	3.3480	3.5792	3.1626	2.8829	3.4670	3.7258
U-238	0.7076	0.6463	0.7150	0.7308	0.7670	0.7637	0.7788	0.7794
U-239	1.1339	0.9833	1.1135	1.1752	1.1125	1.0558	1.1963	1.2425
U-240	0.7846	0.6554	0.7571	0.8259	0.6069	0.4944	0.6922	0.8116
U-242	0.3682	0.3164	0.3618	0.3810	0.3795	0.3662	0.4066	0.4127
V-47	0.0171	0.0126	0.0162	0.0182	0.0150	0.0126	0.0173	0.0194
V-48	2.7128	2.0898	2.6169	2.8242	3.0937	2.9835	3.3687	3.3174
V-49	0.2567	0.1763	0.2385	0.2821	0.1604	0.0991	0.2067	0.2746
V-50	1.3852	1.0466	1.3276	1.4503	1.5068	1.4164	1.6602	1.6758
V-52	1.1891	0.9113	1.1456	1.2339	1.3953	1.3548	1.5125	1.4708
V-53	1.2901	1.0043	1.2485	1.3396	1.4995	1.4616	1.6242	1.5831
W-177	6.5687	5.3461	6.3762	6.8889	6.4172	5.9543	7.0532	7.4181
W-178	0.8981	0.6856	0.8555	0.9629	0.7083	0.5716	0.8271	0.9727
W-179	2.3653	1.8994	2.2788	2.5042	2.0250	1.7556	2.2805	2.5595
W-179m	1.4855	1.1946	1.4347	1.5696	1.3316	1.1838	1.4895	1.6348
W-181	1.5262	1.2276	1.4732	1.6139	1.3428	1.1837	1.5048	1.6655
W-185m	1.6998	1.2411	1.6021	1.8417	1.2323	0.9123	1.4940	1.8402
W-185	0.0013	0.0010	0.0012	0.0013	0.0012	0.0011	0.0013	0.0014
W-187	1.7445	1.4214	1.6986	1.8195	1.8311	1.7493	1.9912	2.0227
W-188	0.0177	0.0143	0.0172	0.0185	0.0174	0.0162	0.0192	0.0201
W-190	3.3540	2.7432	3.2550	3.5251	3.1575	2.8897	3.4870	3.7305
Xe-120	3.0707	2.7244	3.0217	3.1553	3.0811	2.9645	3.2574	3.3331
Xe-121	2.1722	1.8460	2.1258	2.2401	2.3083	2.2375	2.4621	2.4673
Xe-122	1.2879	1.1696	1.2699	1.3199	1.2401	1.1834	1.3024	1.3536
Xe-123	2.4450	2.1355	2.4041	2.5177	2.5370	2.4594	2.6932	2.7224
Xe-125	2.9762	2.6264	2.9308	3.0621	3.0454	2.9485	3.2250	3.2758
Xe-127	3.0638	2.6813	3.0155	3.1563	3.1822	3.0897	3.3788	3.4151
Xe-127m	2.5546	2.2316	2.5153	2.6344	2.6674	2.5971	2.8343	2.8606
Xe-129m	1.9498	1.7793	1.9227	1.9988	1.8336	1.7383	1.9232	2.0192
Xe-131m	0.8343	0.7552	0.8208	0.8574	0.7725	0.7252	0.8149	0.8637
Xe-133	1.2913	1.1552	1.2744	1.3278	1.2917	1.2507	1.3605	1.3925
Xe-133m	0.9520	0.8573	0.9373	0.9783	0.9090	0.8625	0.9589	1.0023
Xe-135	1.4254	1.1966	1.3988	1.4761	1.5761	1.5468	1.6907	1.6722

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.1833	0.9738	1.1559	1.2258	1.3085	1.2754	1.4073	1.3925
Xe-137	0.4379	0.3541	0.4271	0.4544	0.4970	0.4866	0.5363	0.5259
Xe-138	1.7869	1.4260	1.7325	1.8614	1.9447	1.8630	2.1160	2.1224
Y-81	2.3764	2.0472	2.3308	2.4634	2.3536	2.2247	2.5454	2.6393
Y-83	1.5672	1.3472	1.5312	1.6225	1.4775	1.3559	1.6090	1.7025
Y-83m	1.4781	1.2494	1.4475	1.5320	1.5316	1.4627	1.6575	1.6856
Y-84m	4.1579	3.2659	4.0300	4.3175	4.7776	4.6489	5.1767	5.0648
Y-85	1.2498	1.0340	1.2183	1.2980	1.2881	1.2169	1.4037	1.4337
Y-85m	1.4106	1.1650	1.3721	1.4640	1.4417	1.3532	1.5722	1.6129
Y-86	4.7177	3.7758	4.5762	4.8982	5.1667	4.9507	5.6155	5.6018
Y-86m	1.6461	1.3875	1.6153	1.7057	1.7925	1.7504	1.9257	1.9196
Y-87	2.2115	1.8712	2.1576	2.2974	2.1108	1.9366	2.3157	2.4441
Y-87m	1.2374	1.0322	1.2105	1.2826	1.3223	1.2738	1.4295	1.4350
Y-88	3.4066	2.7511	3.2985	3.5371	3.5453	3.3217	3.8748	3.9521
Y-89m	1.2621	0.9888	1.2233	1.3106	1.4591	1.4227	1.5804	1.5424
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.8566	2.3801	2.7989	2.9597	3.1591	3.0904	3.3969	3.3633
Y-91	0.0032	0.0025	0.0031	0.0033	0.0037	0.0036	0.0040	0.0039
Y-91m	1.2385	0.9996	1.2072	1.2856	1.3950	1.3602	1.5080	1.4841
Y-92	0.3312	0.2597	0.3210	0.3439	0.3833	0.3738	0.4149	0.4049
Y-93	0.1782	0.1446	0.1737	0.1847	0.2018	0.1974	0.2176	0.2137
Y-94	0.9807	0.7672	0.9500	1.0181	1.1353	1.1071	1.2293	1.1989
Y-95	0.7210	0.5521	0.6935	0.7472	0.8272	0.8023	0.8958	0.8716
Yb-162	3.3399	2.7912	3.2607	3.4852	3.3207	3.1361	3.6044	3.7432
Yb-163	2.4774	2.0029	2.3993	2.6022	2.3660	2.1692	2.6086	2.7720
Yb-164	1.5397	1.2857	1.5000	1.6121	1.4396	1.3277	1.5710	1.6765
Yb-165	4.1833	3.3984	4.0496	4.4074	3.8089	3.4282	4.2242	4.5923
Yb-166	2.8831	2.4126	2.8105	3.0172	2.7096	2.5071	2.9533	3.1439
Yb-167	6.0391	5.0163	5.8806	6.3239	5.7706	5.3523	6.3075	6.6810
Yb-169	6.5464	5.4893	6.3927	6.8342	6.4010	6.0183	6.9481	7.2637
Yb-175	0.2439	0.2022	0.2383	0.2539	0.2563	0.2464	0.2774	0.2810
Yb-177	0.8888	0.7381	0.8681	0.9244	0.9337	0.8974	1.0090	1.0224
Yb-178	0.1683	0.1365	0.1638	0.1756	0.1780	0.1701	0.1940	0.1965
Yb-179	2.5882	2.0900	2.5217	2.6912	2.8717	2.7893	3.1081	3.0804
Zn-60	1.6069	1.3107	1.5679	1.6697	1.7645	1.7141	1.9059	1.8944
Zn-61	0.5578	0.4363	0.5396	0.5795	0.6356	0.6161	0.6893	0.6767
Zn-62	2.0953	1.6115	2.0058	2.2276	1.8618	1.6122	2.1192	2.3502
Zn-63	0.2757	0.2105	0.2649	0.2902	0.2846	0.2636	0.3163	0.3269
Zn-65	1.5009	1.0868	1.4182	1.6113	1.2794	1.0525	1.4976	1.7070
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.2440	1.0046	1.2124	1.2940	1.3827	1.3433	1.4985	1.4848
Zn-71	0.6754	0.5434	0.6581	0.7009	0.7687	0.7522	0.8300	0.8135
Zn-71m	3.8386	3.1029	3.7444	3.9839	4.3603	4.2696	4.7062	4.6150
Zn-72	2.9644	2.3538	2.8548	3.1382	2.6722	2.3578	3.0120	3.3117
Zr-85	1.2060	0.9812	1.1759	1.2509	1.3414	1.3032	1.4499	1.4338
Zr-86	3.7269	3.2841	3.6589	3.8486	3.4895	3.2218	3.7792	4.0029
Zr-87	0.2826	0.2443	0.2758	0.2924	0.2569	0.2308	0.2815	0.3028
Zr-88	2.3345	2.0038	2.2851	2.4170	2.2715	2.1141	2.4707	2.5782
Zr-89	2.1034	1.7485	2.0477	2.1797	2.1316	1.9958	2.3222	2.3866
Zr-89m	1.2893	1.0399	1.2556	1.3380	1.4441	1.4035	1.5621	1.5411
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2352	0.9769	1.2000	1.2828	1.4221	1.3896	1.5392	1.5030
Zr-97	1.4836	1.1776	1.4418	1.5402	1.7004	1.6599	1.8398	1.7995

Table 5: Adobe 1 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.3839	0.3330	0.4586	0.5299	0.2950	0.2879	0.4295	0.5215
Ac-224	3.8359	3.7321	4.2178	4.3571	3.4635	3.5156	4.1077	4.3404
Ac-225	0.5416	0.4720	0.6412	0.7391	0.4140	0.4018	0.5980	0.7234
Ac-226	1.6926	1.6584	1.8512	1.8976	1.5371	1.5655	1.8112	1.8936
Ac-227	0.1130	0.0846	0.1469	0.1870	0.0701	0.0636	0.1323	0.1824
Ac-228	2.5659	2.5247	2.8160	2.8513	2.3243	2.3969	2.7816	2.8715
Ac-230	1.1062	1.0797	1.2208	1.2462	0.9889	1.0209	1.2066	1.2566
Ac-231	3.6758	3.6801	3.9669	3.9538	3.4405	3.5389	3.9235	3.9705
Ac-232	1.7751	1.7538	1.9448	1.9518	1.6151	1.6833	1.9422	1.9806
Ac-233	1.5732	1.5973	1.6984	1.6506	1.4982	1.5677	1.7099	1.6822
Ag-100m	2.9424	3.0547	3.1183	2.9192	2.8775	3.0523	3.1965	3.0088
Ag-101	2.5425	2.6048	2.6939	2.5849	2.4455	2.5482	2.7077	2.6258
Ag-102m	1.8603	1.9144	1.9747	1.8686	1.7998	1.9057	2.0200	1.9259
Ag-102	4.4515	4.6037	4.7188	4.4439	4.3298	4.5740	4.8146	4.5669
Ag-103	2.9612	2.9873	3.1351	3.0781	2.7944	2.8627	3.0998	3.0921
Ag-104	5.6108	5.7564	5.9548	5.6766	5.3908	5.6472	6.0135	5.7928
Ag-104m	2.2719	2.3260	2.4095	2.3047	2.1782	2.2789	2.4323	2.3505
Ag-105	3.1564	3.1675	3.3470	3.3090	2.9437	3.0046	3.2916	3.3132
Ag-105m	0.0422	0.0303	0.0566	0.0732	0.0260	0.0237	0.0513	0.0722
Ag-106	0.6276	0.6159	0.6678	0.6772	0.5640	0.5657	0.6449	0.6719
Ag-106m	6.8118	6.9870	7.2272	6.9000	6.5468	6.8482	7.2896	7.0339
Ag-108	0.0627	0.0629	0.0666	0.0658	0.0582	0.0596	0.0657	0.0660
Ag-108m	5.1974	5.3103	5.5169	5.3054	4.9694	5.1718	5.5345	5.3831
Ag-109m	0.4866	0.4579	0.5233	0.5586	0.4153	0.4023	0.4904	0.5443
Ag-110	0.0762	0.0789	0.0808	0.0763	0.0742	0.0782	0.0822	0.0780
Ag-110m	5.1505	5.3542	5.4624	5.1059	5.0449	5.3478	5.5913	5.2579
Ag-111	0.1402	0.1448	0.1484	0.1414	0.1366	0.1426	0.1494	0.1437
Ag-111m	0.2714	0.2499	0.2975	0.3251	0.2252	0.2168	0.2775	0.3168
Ag-112	1.1687	1.2145	1.2382	1.1591	1.1451	1.2141	1.2696	1.1939
Ag-113m	1.0355	1.0549	1.1052	1.0729	0.9905	1.0284	1.1056	1.0865
Ag-113	0.3123	0.3227	0.3306	0.3146	0.3044	0.3183	0.3336	0.3202
Ag-114	0.4845	0.5031	0.5134	0.4814	0.4744	0.5020	0.5250	0.4951
Ag-115	1.1154	1.1529	1.1799	1.1182	1.0890	1.1442	1.1980	1.1428
Ag-116	2.8219	2.9309	2.9883	2.7936	2.7654	2.9362	3.0689	2.8852
Ag-117	2.2113	2.2839	2.3372	2.2129	2.1595	2.2717	2.3787	2.2675
Ag-99	3.1110	3.2119	3.2948	3.1224	3.0246	3.1793	3.3437	3.1941
Al-26	1.5539	1.6190	1.6428	1.5204	1.5291	1.6440	1.7103	1.5889
Al-28	1.5137	1.5779	1.5998	1.4797	1.4903	1.6019	1.6658	1.5466
Al-29	1.5943	1.6615	1.6873	1.5652	1.5668	1.6740	1.7454	1.6270

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	4.0154	3.9098	4.3963	4.5337	3.6110	3.6602	4.2819	4.5190
Am-238	3.8616	3.7848	4.2197	4.3008	3.4950	3.5717	4.1408	4.3099
Am-239	4.7765	4.5514	5.2953	5.6017	4.1714	4.1805	5.0994	5.5517
Am-240	4.1921	4.0623	4.6175	4.7657	3.7244	3.7915	4.5069	4.7666
Am-241	0.6117	0.6069	0.6399	0.6419	0.6088	0.6048	0.5949	0.5668
Am-242	0.7112	0.6407	0.8114	0.9076	0.5668	0.5497	0.7587	0.8889
Am-242m	0.4592	0.3824	0.5488	0.6545	0.3234	0.3005	0.4985	0.6357
Am-243	1.5681	1.5388	1.6992	1.7324	1.4412	1.4574	1.6512	1.7222
Am-244	3.6918	3.5218	4.0961	4.3035	3.1970	3.2238	3.9606	4.2864
Am-244m	0.2582	0.2258	0.2991	0.3428	0.1955	0.1865	0.2762	0.3347
Am-245	0.5091	0.4923	0.5585	0.5807	0.4538	0.4574	0.5413	0.5776
Am-246	5.1799	4.9353	5.7398	6.0518	4.4868	4.5067	5.5344	6.0120
Am-246m	2.1838	2.1813	2.3694	2.3445	2.0202	2.0998	2.3636	2.3788
Am-247	1.8520	1.8114	2.0180	2.0702	1.6781	1.7004	1.9669	2.0643
Ar-37	0.0443	0.0293	0.0621	0.0833	0.0245	0.0214	0.0556	0.0820
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5701	1.6364	1.6619	1.5422	1.5427	1.6472	1.7179	1.6022
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9044	1.9822	2.0173	1.8760	1.8697	1.9925	2.0784	1.9441
Ar-44	3.0433	3.1545	3.2152	3.0266	2.9845	3.1553	3.2904	3.1120
As-68	3.7520	3.9010	3.9792	3.7098	3.6777	3.9135	4.0910	3.8371
As-69	0.6384	0.6307	0.7013	0.7090	0.5915	0.6117	0.6968	0.7173
As-70	4.9512	5.1234	5.2721	4.9542	4.8254	5.1250	5.4041	5.1152
As-71	2.5284	2.3838	2.8767	3.0783	2.2134	2.2474	2.8016	3.0844
As-72	1.6605	1.6881	1.7969	1.7355	1.5830	1.6691	1.8208	1.7793
As-73	1.7535	1.2236	2.3917	3.1407	1.0393	0.9350	2.1575	3.0908
As-74	1.4704	1.4249	1.6507	1.7034	1.3229	1.3693	1.6359	1.7246
As-76	0.9681	1.0048	1.0265	0.9644	0.9471	1.0002	1.0472	0.9897
As-77	0.0531	0.0543	0.0565	0.0545	0.0513	0.0534	0.0567	0.0552
As-78	2.1930	2.2794	2.3241	2.1735	2.1489	2.2796	2.3831	2.2401
As-79	0.0982	0.1018	0.1041	0.0982	0.0960	0.1010	0.1057	0.1005
At-204	7.0860	7.1893	7.6325	7.4283	6.7443	7.0368	7.6559	7.5428
At-205	3.8231	3.7861	4.1832	4.2065	3.5343	3.6479	4.1370	4.2375
At-206	7.3369	7.4491	7.8944	7.6745	6.9920	7.2973	7.9216	7.7950
At-207	5.8131	5.8156	6.3192	6.2640	5.4400	5.6497	6.2962	6.3395
At-208	8.9041	8.9855	9.6206	9.4290	8.4220	8.7769	9.6352	9.5639
At-209	8.1934	8.2038	8.9029	8.8215	7.6728	7.9607	8.8601	8.9169
At-210	6.9486	6.9599	7.5469	7.4675	6.5059	6.7753	7.5466	7.5774

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-211	0.9926	0.9336	1.1217	1.2012	0.8609	0.8640	1.0749	1.1901
At-215	0.0008	0.0008	0.0009	0.0008	0.0008	0.0008	0.0009	0.0009
At-216	0.0506	0.0487	0.0562	0.0587	0.0453	0.0459	0.0544	0.0584
At-217	0.0019	0.0019	0.0021	0.0021	0.0018	0.0019	0.0021	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.6310	2.6839	2.8099	2.7278	2.5247	2.6243	2.8137	2.7604
Au-186	4.2986	4.3179	4.6451	4.5989	4.0657	4.2128	4.6346	4.6474
Au-187	3.5664	3.4476	3.9680	4.1162	3.2211	3.3031	3.9053	4.1384
Au-190	4.9901	5.0169	5.3931	5.3195	4.7231	4.9179	5.4085	5.4016
Au-191	4.4355	4.3208	4.8997	5.0488	4.0481	4.1411	4.8157	5.0639
Au-192	4.6740	4.6817	5.0663	5.0229	4.4041	4.5780	5.0691	5.0940
Au-193	2.9653	2.8311	3.3114	3.4975	2.6513	2.6823	3.2203	3.4864
Au-193m	2.1073	1.9937	2.3863	2.5456	1.8433	1.8701	2.3171	2.5421
Au-194	3.8334	3.8043	4.1806	4.2025	3.5743	3.6917	4.1526	4.2418
Au-195	2.6068	2.3827	3.0048	3.3195	2.2068	2.1994	2.8765	3.2915
Au-195m	2.1295	2.0151	2.4109	2.5713	1.8626	1.8896	2.3407	2.5673
Au-196	3.5635	3.5286	3.8893	3.9294	3.3150	3.4076	3.8440	3.9514
Au-196m	4.7595	4.4224	5.4425	5.9167	4.0881	4.1071	5.2419	5.8835
Au-198	1.5709	1.6197	1.6700	1.5919	1.5270	1.5990	1.6867	1.6222
Au-198m	7.1750	7.0432	7.8686	8.0477	6.6168	6.7672	7.7369	8.0634
Au-199	1.4614	1.4313	1.6038	1.6464	1.3419	1.3697	1.5754	1.6475
Au-200	0.5965	0.6165	0.6338	0.6000	0.5811	0.6123	0.6448	0.6153
Au-200m	8.1075	8.2888	8.6665	8.3662	7.8082	8.1501	8.7193	8.5001
Au-201	0.2071	0.1920	0.2387	0.2591	0.1764	0.1785	0.2309	0.2590
Au-202	0.3739	0.3870	0.3972	0.3747	0.3647	0.3849	0.4045	0.3846
Ba-124	2.2480	2.2410	2.3861	2.3867	2.1178	2.1580	2.3570	2.3810
Ba-126	2.7587	2.7731	2.9260	2.8913	2.6182	2.6872	2.9075	2.8988
Ba-127	1.2770	1.2641	1.3551	1.3689	1.1964	1.2114	1.3318	1.3599
Ba-128	1.2610	1.2245	1.3404	1.3889	1.1558	1.1521	1.2998	1.3651
Ba-129	1.3965	1.3684	1.4876	1.5230	1.2922	1.3002	1.4531	1.5066
Ba-129m	5.3513	5.4189	5.7004	5.5681	5.1117	5.2973	5.7096	5.6277
Ba-131	3.4973	3.5103	3.7091	3.6767	3.3191	3.3937	3.6727	3.6779
Ba-131m	1.7706	1.7438	1.8983	1.9338	1.6540	1.6724	1.8599	1.9231
Ba-133	3.9017	3.8971	4.1426	4.1348	3.6862	3.7529	4.0811	4.1232
Ba-133m	1.1809	1.1144	1.2996	1.3918	1.0432	1.0378	1.2525	1.3724
Ba-135m	1.0110	0.9840	1.0787	1.1151	0.9301	0.9313	1.0498	1.0996
Ba-137m	1.5311	1.5817	1.6241	1.5374	1.4909	1.5690	1.6518	1.5714
Ba-139	0.5348	0.5455	0.5645	0.5495	0.5180	0.5338	0.5643	0.5528
Ba-140	1.0384	0.9964	1.1563	1.2108	0.9268	0.9431	1.1311	1.2123

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ba-141	3.3052	3.4088	3.4978	3.3340	3.2216	3.3688	3.5344	3.3922
Ba-142	2.8592	2.9391	3.0301	2.8914	2.7774	2.9065	3.0632	2.9459
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1614	0.1672	0.1711	0.1614	0.1577	0.1658	0.1736	0.1651
Bi-197	4.3190	4.2797	4.7325	4.7478	3.9989	4.1448	4.7012	4.8012
Bi-200	8.3515	8.4351	9.0146	8.8340	7.9203	8.2414	9.0144	8.9561
Bi-201	4.3866	4.3591	4.7936	4.7902	4.0776	4.2323	4.7716	4.8491
Bi-202	7.7140	7.8095	8.3204	8.1146	7.3333	7.6553	8.3496	8.2473
Bi-203	5.3361	5.3405	5.8029	5.7417	5.0039	5.2147	5.8048	5.8294
Bi-204	7.8027	7.8773	8.4366	8.2549	7.3903	7.7139	8.4589	8.3900
Bi-205	4.1028	4.0635	4.4964	4.5127	3.7972	3.9410	4.4738	4.5678
Bi-206	9.0331	9.1243	9.7613	9.5470	8.5630	8.9356	9.7871	9.6997
Bi-207	4.6564	4.6519	5.0718	5.0356	4.3547	4.5247	5.0570	5.1001
Bi-208	2.6191	2.5656	2.8914	2.9288	2.3945	2.4997	2.8977	2.9834
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.7543	1.7814	1.8807	1.8386	1.6773	1.7397	1.8780	1.8586
Bi-211	0.2724	0.2764	0.2926	0.2860	0.2601	0.2699	0.2922	0.2894
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3281	0.3002	0.3823	0.4195	0.2724	0.2761	0.3694	0.4192
Bi-213	0.5276	0.5379	0.5655	0.5475	0.5057	0.5271	0.5672	0.5558
Bi-214	2.1263	2.2074	2.2553	2.1104	2.0809	2.2110	2.3162	2.1793
Bi-215	1.3146	1.3242	1.4189	1.3991	1.2425	1.2866	1.4113	1.4126
Bi-216	2.3670	2.4422	2.5181	2.3923	2.3000	2.4148	2.5500	2.4426
Bk-245	4.0422	3.9222	4.4207	4.5786	3.6242	3.6544	4.2886	4.5545
Bk-246	4.0221	3.8875	4.4296	4.5879	3.5634	3.6143	4.3110	4.5825
Bk-247	2.0334	2.0330	2.1847	2.1779	1.9091	1.9518	2.1493	2.1819
Bk-248m	0.8882	0.8379	0.9866	1.0533	0.7617	0.7571	0.9435	1.0416
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.8402	1.8503	1.9880	1.9459	1.7178	1.7920	1.9916	1.9814
Bk-251	2.0933	1.9920	2.3149	2.4499	1.8236	1.8194	2.2239	2.4282
Br-72	3.0901	3.1893	3.2965	3.1121	3.0003	3.1793	3.3683	3.2053
Br-73	1.9128	1.9340	2.0522	2.0123	1.8236	1.8919	2.0532	2.0342
Br-74	3.4622	3.5687	3.6857	3.4812	3.3655	3.5793	3.7895	3.5989
Br-74m	4.3219	4.4618	4.6036	4.3464	4.2012	4.4566	4.7164	4.4789
Br-75	2.4255	2.4405	2.6259	2.5982	2.2857	2.3704	2.6169	2.6260
Br-76	3.2366	3.2552	3.5216	3.4549	3.0402	3.1997	3.5603	3.5339
Br-76m	1.8388	1.6000	2.1654	2.5075	1.4196	1.3798	2.0200	2.4397
Br-77	2.0416	1.8724	2.3722	2.6074	1.6978	1.7127	2.2813	2.5943
Br-77m	0.8284	0.6953	1.0104	1.2014	0.5998	0.5779	0.9332	1.1693
Br-78	0.2784	0.2708	0.3109	0.3196	0.2500	0.2588	0.3077	0.3224

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-80	0.1795	0.1717	0.2031	0.2129	0.1576	0.1622	0.1995	0.2140
Br-80m	1.5627	1.3005	1.8926	2.2674	1.1235	1.0686	1.7383	2.1926
Br-82m	0.6027	0.4573	0.7788	0.9873	0.3699	0.3394	0.6988	0.9520
Br-82	5.2377	5.4430	5.5550	5.1995	5.1293	5.4313	5.6797	5.3488
Br-83	0.0203	0.0210	0.0216	0.0204	0.0198	0.0208	0.0219	0.0209
Br-84m	4.7425	4.9293	5.0261	4.7009	4.6474	4.9260	5.1467	4.8464
Br-84	1.7221	1.7922	1.8234	1.6930	1.6920	1.8079	1.8837	1.7586
Br-85	0.1161	0.1207	0.1231	0.1149	0.1137	0.1207	0.1260	0.1184
C-10	1.5938	1.6562	1.6909	1.5837	1.5604	1.6511	1.7270	1.6266
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0791	0.0524	0.1109	0.1487	0.0437	0.0383	0.0993	0.1464
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3854	1.4430	1.4669	1.3634	1.3604	1.4502	1.5130	1.4139
Ca-49	1.4474	1.5064	1.5255	1.4038	1.4298	1.5516	1.6054	1.4825
Cd-101	3.4415	3.5158	3.6387	3.4954	3.3084	3.4481	3.6652	3.5556
Cd-102	2.8713	2.8951	3.0455	2.9847	2.7009	2.7744	3.0167	3.0020
Cd-103	2.7457	2.7759	2.9107	2.8272	2.5884	2.6879	2.9174	2.8701
Cd-104	2.4736	2.4432	2.6224	2.6410	2.2702	2.2807	2.5391	2.6177
Cd-105	1.9218	1.9336	2.0386	1.9951	1.7982	1.8567	2.0303	2.0163
Cd-107	1.3885	1.3081	1.4831	1.5810	1.1823	1.1407	1.3858	1.5362
Cd-109	1.2913	1.2135	1.3812	1.4764	1.0955	1.0553	1.2887	1.4339
Cd-111m	2.6913	2.7302	2.8489	2.7877	2.5684	2.6401	2.8291	2.8000
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0010	0.0011	0.0011	0.0009	0.0009	0.0010	0.0011
Cd-115	0.6435	0.6633	0.6822	0.6487	0.6245	0.6537	0.6893	0.6609
Cd-115m	0.0537	0.0559	0.0570	0.0531	0.0527	0.0560	0.0584	0.0548
Cd-117	2.2309	2.3090	2.3616	2.2292	2.1779	2.2941	2.4037	2.2854
Cd-117m	2.5381	2.6403	2.6876	2.5022	2.4911	2.6547	2.7685	2.5917
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.6694	2.7670	2.8242	2.6567	2.6119	2.7602	2.8854	2.7322
Cd-119m	3.0036	3.1218	3.1802	2.9665	2.9452	3.1333	3.2709	3.0687
Ce-130	3.4962	3.5024	3.7111	3.6906	3.3195	3.3905	3.6733	3.6894
Ce-131	3.8341	3.8719	4.0927	4.0136	3.6530	3.7815	4.0950	4.0550
Ce-132	3.3449	3.3616	3.5445	3.5173	3.1869	3.2577	3.5124	3.5138
Ce-133	2.9192	2.8857	3.0958	3.1349	2.7440	2.7687	3.0328	3.1058
Ce-133m	5.3401	5.4180	5.6598	5.5102	5.1266	5.3090	5.6745	5.5663
Ce-134	1.0501	1.0055	1.1215	1.1822	0.9525	0.9417	1.0814	1.1563
Ce-135	3.9547	4.0018	4.1990	4.1127	3.7812	3.9021	4.1919	4.1396
Ce-137	1.2146	1.1284	1.3380	1.4573	1.0593	1.0410	1.2795	1.4277

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-137m	1.0030	0.9737	1.0735	1.1126	0.9220	0.9232	1.0449	1.0968
Ce-139	2.6778	2.6687	2.8427	2.8543	2.5313	2.5719	2.8043	2.8411
Ce-141	1.1787	1.1960	1.2457	1.2206	1.1376	1.1670	1.2395	1.2247
Ce-143	2.1386	2.1472	2.2676	2.2487	2.0355	2.0833	2.2488	2.2485
Ce-144	0.3655	0.3670	0.3874	0.3845	0.3493	0.3560	0.3828	0.3840
Ce-145	3.3443	3.3731	3.5504	3.4874	3.1931	3.2914	3.5444	3.5060
Cf-244	0.1642	0.1391	0.1931	0.2273	0.1180	0.1100	0.1756	0.2206
Cf-246	0.1129	0.0957	0.1326	0.1560	0.0813	0.0758	0.1207	0.1514
Cf-247	2.8814	2.6656	3.2417	3.5335	2.4047	2.3674	3.0730	3.4835
Cf-248	0.1353	0.1149	0.1589	0.1867	0.0977	0.0911	0.1447	0.1813
Cf-249	1.8829	1.8750	2.0392	2.0413	1.7402	1.7882	2.0133	2.0528
Cf-250	0.1202	0.1052	0.1393	0.1595	0.0911	0.0870	0.1287	0.1558
Cf-251	2.3887	2.2938	2.6289	2.7558	2.1079	2.1154	2.5377	2.7347
Cf-252	0.8952	0.9080	0.9590	0.9315	0.8494	0.8871	0.9650	0.9482
Cf-253	0.3636	0.3081	0.4278	0.5032	0.2647	0.2470	0.3906	0.4901
Cf-254	29.1466	30.1902	30.8322	29.0386	28.5185	30.0898	31.4520	29.8064
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.8344	1.8992	1.9366	1.8224	1.8007	1.9062	1.9863	1.8784
Cl-36	0.0006	0.0004	0.0009	0.0012	0.0003	0.0003	0.0008	0.0012
Cl-38	1.1138	1.1608	1.1767	1.0874	1.0971	1.1804	1.2274	1.1380
Cl-39	2.3464	2.4376	2.4823	2.3265	2.3008	2.4380	2.5449	2.3989
Cl-40	2.9502	3.0723	3.1170	2.8847	2.9047	3.1182	3.2458	3.0153
Cm-238	1.9525	1.8781	2.1452	2.2451	1.7296	1.7356	2.0710	2.2266
Cm-239	4.1677	4.1107	4.5148	4.5881	3.8286	3.8935	4.4215	4.5792
Cm-240	0.1850	0.1552	0.2196	0.2606	0.1303	0.1211	0.1993	0.2524
Cm-241	4.5288	4.3397	5.0153	5.2616	3.9742	4.0054	4.8527	5.2345
Cm-242	0.1660	0.1392	0.1971	0.2339	0.1169	0.1087	0.1789	0.2266
Cm-243	2.3600	2.2294	2.6370	2.8157	2.0360	2.0370	2.5335	2.7904
Cm-244	0.1425	0.1195	0.1692	0.2009	0.1004	0.0933	0.1536	0.1946
Cm-245	2.5288	2.4108	2.7986	2.9595	2.2095	2.2116	2.6932	2.9303
Cm-246	0.1199	0.1018	0.1415	0.1663	0.0862	0.0808	0.1292	0.1615
Cm-247	1.3403	1.3802	1.4239	1.3607	1.3002	1.3589	1.4353	1.3843
Cm-248	2.3787	2.4428	2.5301	2.4140	2.2982	2.4153	2.5666	2.4691
Cm-249	0.1997	0.1564	0.2573	0.3180	0.1376	0.1313	0.2383	0.3152
Cm-250	23.0088	23.8285	24.3421	22.9318	22.5078	23.7467	24.8295	23.5374
Cm-251	0.5372	0.5346	0.5819	0.5820	0.4969	0.5109	0.5754	0.5859
Co-54m	4.6653	4.8504	4.9423	4.6186	4.5736	4.8532	5.0696	4.7684
Co-55	2.1517	2.2091	2.3076	2.1959	2.0769	2.1964	2.3504	2.2592
Co-56	4.2274	4.3046	4.5652	4.3876	4.0422	4.2865	4.6600	4.5259

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-57	2.5462	2.3848	2.8983	3.1234	2.2133	2.2264	2.7988	3.1176
Co-58	1.8770	1.8507	2.0838	2.0984	1.7241	1.8005	2.0821	2.1371
Co-58m	0.3173	0.2102	0.4445	0.5958	0.1753	0.1537	0.3980	0.5864
Co-60	3.1840	3.3177	3.3716	3.1295	3.1276	3.3373	3.4808	3.2490
Co-60m	0.3832	0.2663	0.5243	0.6894	0.2266	0.2039	0.4734	0.6792
Co-61	1.4546	1.4737	1.5368	1.5070	1.4101	1.4465	1.5285	1.5104
Co-62	1.8368	1.9133	1.9449	1.8041	1.8048	1.9277	2.0094	1.8743
Co-62m	3.2721	3.4086	3.4652	3.2156	3.2144	3.4322	3.5775	3.3387
Cr-48	3.7613	3.8098	4.0310	3.9564	3.6033	3.7224	4.0164	3.9959
Cr-49	1.8084	1.8486	1.9077	1.8480	1.7651	1.8179	1.9024	1.8601
Cr-51	0.3504	0.2956	0.4325	0.5094	0.2659	0.2611	0.4075	0.5070
Cr-55	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
Cr-56	2.2899	2.2643	2.4610	2.4820	2.1429	2.1694	2.3991	2.4719
Cs-121	1.3250	1.3526	1.4012	1.3568	1.2795	1.3246	1.4037	1.3698
Cs-121m	2.4854	2.5352	2.6309	2.5516	2.3972	2.4814	2.6339	2.5740
Cs-123	1.9175	1.9358	2.0278	1.9913	1.8315	1.8804	2.0160	1.9977
Cs-124	0.6750	0.6926	0.7151	0.6856	0.6532	0.6814	0.7206	0.6966
Cs-125	1.5897	1.5954	1.6842	1.6659	1.5050	1.5414	1.6707	1.6682
Cs-126	1.1221	1.1476	1.1893	1.1455	1.0821	1.1257	1.1954	1.1611
Cs-127	2.5266	2.5347	2.6771	2.6534	2.3911	2.4440	2.6495	2.6531
Cs-128	0.8203	0.8257	0.8696	0.8565	0.7781	0.7993	0.8645	0.8596
Cs-129	2.3854	2.3620	2.5274	2.5503	2.2261	2.2511	2.4788	2.5296
Cs-130m	2.0769	2.0194	2.2269	2.3005	1.9119	1.9138	2.1598	2.2716
Cs-130	0.6219	0.6019	0.6594	0.6846	0.5666	0.5628	0.6377	0.6714
Cs-131	0.9465	0.9043	1.0045	1.0608	0.8507	0.8350	0.9620	1.0328
Cs-132	2.5811	2.6025	2.7374	2.6865	2.4512	2.5264	2.7314	2.7006
Cs-134	3.5459	3.6828	3.7616	3.5274	3.4702	3.6684	3.8386	3.6210
Cs-134m	0.8143	0.7492	0.9174	1.0079	0.6973	0.6881	0.8762	0.9940
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.1746	3.2981	3.3702	3.1518	3.1068	3.2904	3.4418	3.2415
Cs-136	4.8653	5.0367	5.1566	4.8610	4.7534	5.0081	5.2450	4.9811
Cs-137	1.1874	1.2343	1.2252	1.1933	1.1699	1.2054	1.2335	1.3204
Cs-138m	1.5655	1.5657	1.6685	1.6590	1.4773	1.5162	1.6579	1.6650
Cs-138	3.0887	3.2113	3.2702	3.0505	3.0299	3.2223	3.3643	3.1567
Cs-139	0.3164	0.3295	0.3348	0.3110	0.3109	0.3322	0.3464	0.3232
Cs-140	2.1020	2.1857	2.2254	2.0747	2.0628	2.1968	2.2929	2.1475
Cu-57	0.1642	0.1708	0.1742	0.1622	0.1610	0.1714	0.1792	0.1680
Cu-59	0.7989	0.8274	0.8492	0.7991	0.7795	0.8250	0.8676	0.8226
Cu-60	3.1381	3.2559	3.3325	3.1114	3.0698	3.2795	3.4424	3.2326
Cu-61	0.7800	0.7440	0.8835	0.9301	0.6907	0.7086	0.8677	0.9377

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-62	0.0190	0.0161	0.0233	0.0272	0.0145	0.0145	0.0222	0.0273
Cu-64	0.1972	0.1334	0.2738	0.3639	0.1121	0.0997	0.2463	0.3586
Cu-66	0.1555	0.1619	0.1649	0.1533	0.1525	0.1622	0.1693	0.1586
Cu-67	1.4755	1.4858	1.5857	1.5697	1.4065	1.4492	1.5761	1.5805
Cu-69	0.9324	0.9698	0.9890	0.9225	0.9139	0.9699	1.0130	0.9516
Dy-148	2.8389	2.8535	3.0372	2.9991	2.6997	2.7908	3.0350	3.0241
Dy-149	4.4470	4.4771	4.7494	4.6726	4.2421	4.3949	4.7566	4.7244
Dy-150	1.8131	1.8170	1.9400	1.9278	1.7203	1.7695	1.9277	1.9376
Dy-151	4.1734	4.1824	4.4927	4.4488	3.9471	4.0900	4.4914	4.5007
Dy-152	2.9289	2.9337	3.1307	3.1206	2.7800	2.8528	3.1047	3.1301
Dy-153	5.3110	5.2866	5.6909	5.7043	5.0157	5.1392	5.6370	5.7196
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.6900	3.7046	3.9414	3.9071	3.5113	3.6158	3.9230	3.9290
Dy-157	2.9948	2.9988	3.2031	3.1910	2.8399	2.9143	3.1751	3.2016
Dy-159	1.5572	1.4969	1.6870	1.7702	1.4236	1.4274	1.6397	1.7508
Dy-165m	0.4121	0.3545	0.4951	0.5760	0.3246	0.3177	0.4673	0.5708
Dy-165	0.2827	0.2798	0.3039	0.3074	0.2658	0.2713	0.2997	0.3075
Dy-166	1.2522	1.1908	1.3833	1.4679	1.1259	1.1309	1.3401	1.4583
Dy-167	2.5697	2.6159	2.7412	2.6651	2.4715	2.5687	2.7497	2.6997
Dy-168	2.4614	2.4737	2.6418	2.6160	2.3386	2.4143	2.6321	2.6369
Er-154	1.7777	1.6685	1.9596	2.1107	1.5693	1.5580	1.8834	2.0819
Er-156	2.2924	2.0858	2.6096	2.8995	1.9494	1.9273	2.4934	2.8653
Er-159	3.4981	3.5084	3.7548	3.7208	3.3183	3.4322	3.7500	3.7570
Er-161	3.6853	3.6770	3.9734	3.9610	3.4747	3.5897	3.9584	3.9978
Er-163	1.3301	1.2748	1.4490	1.5265	1.2111	1.2165	1.4083	1.5137
Er-165	1.2854	1.2296	1.4028	1.4811	1.1676	1.1721	1.3624	1.4685
Er-167m	1.2104	1.1940	1.3178	1.3404	1.1260	1.1537	1.3004	1.3444
Er-169	0.0092	0.0061	0.0128	0.0172	0.0051	0.0045	0.0115	0.0169
Er-171	3.1827	3.2016	3.4149	3.3835	3.0283	3.1210	3.3944	3.4095
Er-172	2.7874	2.7900	2.9983	2.9836	2.6383	2.7229	2.9857	3.0087
Er-173	4.9276	4.9781	5.2726	5.1837	4.7144	4.8760	5.2626	5.2330
Es-249	3.4879	3.4214	3.7933	3.8704	3.1696	3.2182	3.7063	3.8685
Es-250	9.8301	9.3898	10.8590	11.4168	8.5740	8.5992	10.4689	11.3466
Es-250m	3.0516	2.9786	3.3280	3.4097	2.7509	2.7913	3.2486	3.4093
Es-251	2.6367	2.4701	2.9435	3.1672	2.2418	2.2192	2.8065	3.1298
Es-253	0.0451	0.0382	0.0532	0.0626	0.0327	0.0306	0.0486	0.0609
Es-254	1.5855	1.3081	1.9113	2.2933	1.1126	1.0335	1.7392	2.2334
Es-254m	1.6856	1.6572	1.8374	1.8607	1.5266	1.5645	1.8097	1.8700
Es-255	0.0012	0.0012	0.0013	0.0012	0.0012	0.0012	0.0013	0.0012
Es-256	0.2209	0.1912	0.2548	0.2947	0.1656	0.1554	0.2334	0.2866

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-142	0.4041	0.4140	0.4295	0.4103	0.3912	0.4114	0.4368	0.4197
Eu-142m	5.5295	5.6812	5.9136	5.6301	5.3462	5.6365	6.0087	5.7716
Eu-143	0.7540	0.7590	0.8032	0.7885	0.7193	0.7459	0.8068	0.7976
Eu-144	0.3345	0.3370	0.3563	0.3488	0.3192	0.3321	0.3592	0.3539
Eu-145	3.0528	3.0864	3.2538	3.1744	2.9202	3.0347	3.2702	3.2141
Eu-146	5.4610	5.5922	5.8066	5.5633	5.2807	5.5334	5.8813	5.6686
Eu-147	3.1394	3.1380	3.3472	3.3345	2.9788	3.0492	3.3184	3.3362
Eu-148	6.3184	6.4719	6.7165	6.4421	6.1109	6.3912	6.7897	6.5547
Eu-149	1.4383	1.3672	1.5757	1.6718	1.2909	1.2888	1.5252	1.6497
Eu-150	5.9027	6.0314	6.2744	6.0543	5.6975	5.9315	6.3104	6.1378
Eu-150m	0.2551	0.2554	0.2721	0.2705	0.2419	0.2481	0.2701	0.2710
Eu-152	3.8150	3.8678	4.0621	3.9579	3.6613	3.7975	4.0741	4.0042
Eu-152m	1.0394	1.0483	1.1085	1.0871	0.9926	1.0264	1.1083	1.0968
Eu-152n	1.8747	1.8066	2.0719	2.1619	1.7048	1.7236	2.0155	2.1569
Eu-154	3.2432	3.3203	3.4520	3.3124	3.1396	3.2843	3.4882	3.3772
Eu-154m	2.0678	1.9440	2.3129	2.4848	1.8276	1.8290	2.2347	2.4655
Eu-155	1.3771	1.3748	1.4727	1.4721	1.3102	1.3363	1.4513	1.4724
Eu-156	1.9297	1.9795	2.0576	1.9610	1.8685	1.9720	2.0964	2.0135
Eu-157	2.4123	2.3734	2.6115	2.6594	2.2452	2.2908	2.5747	2.6598
Eu-158	2.5725	2.6242	2.7557	2.6491	2.4746	2.5997	2.7900	2.7096
Eu-159	2.7512	2.7272	2.9442	2.9675	2.5925	2.6415	2.9033	2.9626
F-17	0.0005	0.0006	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	2.0604	2.0761	2.2137	2.1927	1.9626	2.0233	2.2054	2.2092
Fe-53	0.7003	0.7221	0.7444	0.7100	0.6808	0.7128	0.7518	0.7236
Fe-53m	4.5971	4.7838	4.8727	4.5387	4.5093	4.7954	5.0073	4.6919
Fe-55	0.2630	0.1741	0.3685	0.4940	0.1452	0.1272	0.3300	0.4863
Fe-59	1.6912	1.7606	1.7915	1.6664	1.6601	1.7673	1.8438	1.7257
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.2796	2.3690	2.4143	2.2573	2.2353	2.3700	2.4733	2.3284
Fe-62	1.5432	1.6000	1.6367	1.5420	1.5083	1.5870	1.6619	1.5784
Fm-251	2.4640	2.3443	2.7334	2.8917	2.1551	2.1564	2.6329	2.8738
Fm-252	0.1168	0.1005	0.1356	0.1575	0.0863	0.0808	0.1238	0.1532
Fm-253	2.0924	1.9152	2.3635	2.6016	1.7174	1.6777	2.2288	2.5612
Fm-254	0.1297	0.1137	0.1493	0.1708	0.0987	0.0937	0.1377	0.1667
Fm-255	1.2799	1.0793	1.5137	1.7872	0.9204	0.8579	1.3802	1.7391
Fm-256	21.6893	22.4612	22.9467	21.6197	21.2141	22.3791	23.4027	22.1872
Fm-257	2.6277	2.4960	2.9061	3.0806	2.2804	2.2733	2.7890	3.0518
Fr-212	4.1286	4.0587	4.5338	4.6066	3.7709	3.8804	4.4715	4.6317
Fr-219	0.0201	0.0204	0.0216	0.0212	0.0191	0.0198	0.0216	0.0214

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-220	0.3206	0.2865	0.3747	0.4223	0.2569	0.2529	0.3529	0.4152
Fr-221	0.3143	0.3147	0.3394	0.3384	0.2951	0.3038	0.3359	0.3397
Fr-222	2.0066	1.9452	2.2136	2.2969	1.7927	1.8210	2.1566	2.2877
Fr-223	1.4457	1.3583	1.6097	1.7309	1.2473	1.2434	1.5408	1.7069
Fr-224	2.1160	2.1156	2.2915	2.2805	1.9740	2.0406	2.2770	2.2998
Fr-227	3.3278	3.3076	3.6051	3.6199	3.0966	3.1758	3.5554	3.6301
Ga-64	2.2912	2.3799	2.4305	2.2622	2.2459	2.4000	2.5106	2.3513
Ga-65	2.0751	2.0252	2.2868	2.3524	1.9066	1.9484	2.2499	2.3634
Ga-66	1.7350	1.7078	1.9242	1.9320	1.5952	1.6821	1.9456	1.9869
Ga-67	2.3663	2.1506	2.7638	3.0650	1.9860	1.9893	2.6529	3.0588
Ga-68	0.1228	0.1034	0.1521	0.1784	0.0929	0.0922	0.1444	0.1786
Ga-70	0.0190	0.0188	0.0210	0.0212	0.0175	0.0182	0.0210	0.0216
Ga-72	3.5113	3.6514	3.7224	3.4686	3.4437	3.6657	3.8291	3.5877
Ga-73	2.7400	2.5158	3.1861	3.4980	2.3141	2.3355	3.0753	3.5007
Ga-74	3.8497	4.0023	4.0759	3.8023	3.7772	4.0202	4.1978	3.9336
Gd-142	1.7521	1.7722	1.8654	1.8259	1.6781	1.7380	1.8689	1.8438
Gd-143m	4.5984	4.6756	4.8931	4.7533	4.4227	4.5974	4.9160	4.8145
Gd-144	1.1788	1.1745	1.2603	1.2576	1.1138	1.1454	1.2554	1.2638
Gd-145m	1.8359	1.8312	2.0036	1.9931	1.7153	1.7851	2.0041	2.0224
Gd-145	2.6430	2.6897	2.8110	2.7081	2.5461	2.6768	2.8602	2.7716
Gd-146	5.3451	5.3122	5.6971	5.7351	5.0593	5.1401	5.6132	5.7133
Gd-147	5.4883	5.5825	5.8389	5.6716	5.2805	5.4841	5.8594	5.7378
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	4.0634	4.0834	4.3294	4.2888	3.8726	3.9754	4.3015	4.3021
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.7305	1.6456	1.9014	2.0176	1.5526	1.5535	1.8420	1.9955
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.8259	2.7813	3.0202	3.0772	2.6513	2.6797	2.9612	3.0535
Gd-159	0.5347	0.5305	0.5729	0.5777	0.5034	0.5138	0.5656	0.5775
Gd-162	1.6924	1.7219	1.8172	1.7656	1.6202	1.6894	1.8252	1.7940
Ge-66	3.1299	2.9541	3.5451	3.7841	2.7483	2.7884	3.4516	3.7895
Ge-67	2.1588	2.2057	2.2978	2.2256	2.0875	2.1703	2.3108	2.2563
Ge-68	0.6461	0.4284	0.9047	1.2121	0.3571	0.3132	0.8101	1.1929
Ge-69	1.6790	1.5561	1.9518	2.1082	1.4302	1.4671	1.9097	2.1308
Ge-71	0.6553	0.4346	0.9176	1.2294	0.3622	0.3177	0.8216	1.2099
Ge-75	0.2320	0.2392	0.2456	0.2351	0.2260	0.2356	0.2472	0.2385
Ge-77	3.9730	4.1014	4.2123	4.0103	3.8729	4.0568	4.2599	4.0850
Ge-78	1.7318	1.7885	1.8325	1.7497	1.6896	1.7626	1.8454	1.7767
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.1233	2.1129	2.2934	2.3062	1.9963	2.0495	2.2706	2.3176

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-169	3.0451	3.0251	3.2961	3.3129	2.8575	2.9399	3.2703	3.3357
Hf-170	4.2664	4.1522	4.6818	4.8368	3.9159	3.9918	4.6014	4.8452
Hf-172	3.3682	3.1252	3.8002	4.1411	2.9247	2.9165	3.6550	4.1083
Hf-173	5.0911	5.0694	5.4852	5.5114	4.8057	4.9209	5.4240	5.5333
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.2284	3.1861	3.5057	3.5615	3.0090	3.0811	3.4610	3.5742
Hf-177m	18.0267	18.1156	19.4119	19.2602	17.1013	17.6526	19.3192	19.4190
Hf-178m	12.8360	12.9548	13.8218	13.6055	12.2179	12.6634	13.7999	13.7605
Hf-179m	7.4312	7.3778	8.0724	8.1346	6.9565	7.1513	7.9971	8.1866
Hf-180m	6.6090	6.6535	7.1118	7.0323	6.2801	6.4931	7.0879	7.0981
Hf-181	3.2029	3.2131	3.4610	3.4344	3.0310	3.1311	3.4462	3.4697
Hf-182	1.8714	1.9008	2.0003	1.9572	1.7958	1.8602	1.9994	1.9778
Hf-182m	5.6594	5.6299	6.1400	6.1640	5.3095	5.4695	6.0946	6.2111
Hf-183	2.8544	2.9035	3.0520	2.9608	2.7471	2.8594	3.0634	3.0039
Hf-184	3.3999	3.1184	3.9281	4.3231	2.8880	2.8951	3.7814	4.3103
Hg-190	4.0275	3.8605	4.4892	4.7210	3.6122	3.6568	4.3674	4.7093
Hg-191m	6.4890	6.4183	7.1067	7.1750	6.0182	6.2108	7.0457	7.2379
Hg-192	3.9820	3.8040	4.4570	4.7030	3.5490	3.5967	4.3339	4.6929
Hg-193	3.9874	3.8545	4.4360	4.6045	3.5988	3.6820	4.3527	4.6203
Hg-193m	3.8092	3.7660	4.1729	4.2095	3.5309	3.6468	4.1400	4.2490
Hg-194	0.3755	0.2611	0.5121	0.6744	0.2151	0.1915	0.4587	0.6595
Hg-195	2.5186	2.3242	2.8906	3.1596	2.1487	2.1543	2.7778	3.1394
Hg-195m	2.7507	2.4532	3.2447	3.6618	2.2332	2.2189	3.0868	3.6312
Hg-197	2.3093	2.1116	2.6653	2.9400	1.9515	1.9451	2.5461	2.9146
Hg-197m	2.1609	1.9812	2.4956	2.7474	1.8243	1.8232	2.3898	2.7284
Hg-199m	2.8510	2.7344	3.1809	3.3430	2.5511	2.5869	3.0970	3.3359
Hg-203	1.7168	1.7441	1.8393	1.7977	1.6429	1.7034	1.8363	1.8168
Hg-205	0.0596	0.0598	0.0642	0.0638	0.0564	0.0581	0.0637	0.0641
Hg-206	0.8140	0.8212	0.8774	0.8650	0.7721	0.7989	0.8730	0.8732
Hg-207	4.4948	4.6173	4.7987	4.5718	4.3488	4.5877	4.8813	4.6932
Ho-150	2.4347	2.5111	2.5899	2.4535	2.3678	2.4946	2.6321	2.5117
Ho-153	3.0384	3.0737	3.2416	3.1794	2.9092	3.0100	3.2388	3.2100
Ho-153m	3.5584	3.5790	3.8069	3.7661	3.3899	3.4944	3.7909	3.7930
Ho-154m	7.2420	7.4354	7.6989	7.3786	7.0189	7.3357	7.7651	7.5085
Ho-154	3.7918	3.8889	4.0319	3.8685	3.6719	3.8394	4.0693	3.9387
Ho-155	2.9994	2.9590	3.2419	3.2907	2.8005	2.8624	3.1996	3.2965
Ho-156	5.3842	5.4708	5.7390	5.5847	5.1779	5.3829	5.7644	5.6635
Ho-157	4.5348	4.4923	4.8780	4.9273	4.2570	4.3514	4.8173	4.9333
Ho-159	5.0760	5.0364	5.4461	5.4944	4.7839	4.8801	5.3719	5.4956
Ho-160	5.5034	5.5530	5.9031	5.7873	5.2462	5.4516	5.9163	5.8637

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-161	2.0013	1.8919	2.1974	2.3475	1.7823	1.7748	2.1178	2.3176
Ho-162	1.7734	1.7017	1.9381	2.0354	1.6133	1.6243	1.8861	2.0219
Ho-162m	3.3774	3.2824	3.7016	3.8237	3.0944	3.1556	3.6387	3.8300
Ho-163	0.0106	0.0070	0.0148	0.0198	0.0058	0.0051	0.0132	0.0195
Ho-164	0.9927	0.9465	1.0876	1.1518	0.8974	0.8999	1.0548	1.1414
Ho-164m	1.8677	1.6875	2.1412	2.3949	1.5761	1.5573	2.0434	2.3684
Ho-166	0.3909	0.3622	0.4447	0.4840	0.3392	0.3399	0.4280	0.4820
Ho-166m	6.1227	6.2309	6.5561	6.3647	5.8798	6.1296	6.5888	6.4625
Ho-167	2.2752	2.3100	2.4327	2.3774	2.1814	2.2613	2.4310	2.4042
Ho-168	2.3167	2.3498	2.4959	2.4258	2.2123	2.3150	2.5135	2.4716
Ho-168m	0.3661	0.3054	0.4467	0.5324	0.2783	0.2687	0.4177	0.5258
Ho-170	5.4039	5.4764	5.7994	5.6546	5.1693	5.3872	5.8245	5.7458
I-118m	6.7357	6.9767	7.1399	6.7262	6.5747	6.9341	7.2759	6.8939
I-118	2.3001	2.3818	2.4379	2.2968	2.2444	2.3683	2.4861	2.3553
I-119	2.3605	2.3976	2.4972	2.4373	2.2605	2.3300	2.4886	2.4509
I-120	2.8027	2.8880	2.9677	2.8096	2.7225	2.8714	3.0283	2.8833
I-120m	5.8082	6.0080	6.1556	5.8077	5.6615	5.9697	6.2735	5.9527
I-121	2.7621	2.7793	2.9215	2.8885	2.6202	2.6785	2.8898	2.8841
I-122	0.5668	0.5713	0.6008	0.5894	0.5368	0.5526	0.5984	0.5923
I-123	2.7188	2.7171	2.8712	2.8689	2.5652	2.6008	2.8259	2.8518
I-124	2.2563	2.2840	2.3909	2.3290	2.1472	2.2230	2.3953	2.3512
I-125	1.7889	1.7067	1.8942	2.0003	1.5953	1.5586	1.8050	1.9421
I-126	1.6893	1.7118	1.7906	1.7462	1.6099	1.6623	1.7874	1.7585
I-128	0.2855	0.2905	0.3027	0.2936	0.2734	0.2830	0.3027	0.2964
I-129	1.0003	0.9612	1.0575	1.1092	0.9066	0.8922	1.0157	1.0806
I-130m	0.5326	0.5185	0.5794	0.5957	0.4846	0.4922	0.5681	0.5945
I-130	5.2850	5.4853	5.6049	5.2665	5.1697	5.4565	5.7119	5.4003
I-131	1.1257	1.1392	1.1702	1.1471	1.1088	1.1206	1.1440	1.1355
I-132	4.7293	4.9134	5.0159	4.6987	4.6302	4.8997	5.1249	4.8290
I-132m	1.4863	1.4689	1.6078	1.6216	1.3737	1.4072	1.5880	1.6271
I-133	1.6417	1.7028	1.7409	1.6382	1.6051	1.6914	1.7711	1.6786
I-134m	2.6021	2.6084	2.7507	2.7342	2.4605	2.5076	2.7149	2.7260
I-134	4.8893	5.0802	5.1856	4.8497	4.7886	5.0725	5.3016	4.9923
I-135	2.1288	2.2152	2.2542	2.0993	2.0891	2.2241	2.3208	2.1739
In-103	3.5996	3.7179	3.8098	3.6057	3.5081	3.6912	3.8739	3.6899
In-105	3.2585	3.3408	3.4485	3.3045	3.1493	3.2820	3.4726	3.3582
In-106	5.7959	6.0049	6.1476	5.7788	5.6533	5.9699	6.2660	5.9312
In-106m	2.6329	2.7277	2.7886	2.6179	2.5703	2.7251	2.8590	2.6972
In-107	3.0190	3.0722	3.1973	3.0946	2.8830	2.9920	3.2035	3.1322
In-108	7.6853	7.9201	8.1479	7.7230	7.4462	7.8290	8.2695	7.9004

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-108m	2.8089	2.8816	2.9750	2.8312	2.7073	2.8497	3.0269	2.9011
In-109	3.2020	3.2293	3.3913	3.3321	3.0251	3.1031	3.3578	3.3407
In-109m	1.5420	1.5963	1.6350	1.5426	1.5030	1.5837	1.6646	1.5784
In-110	7.0756	7.2717	7.5088	7.1410	6.8246	7.1588	7.5979	7.2886
In-110m	2.1153	2.1656	2.2435	2.1479	2.0309	2.1235	2.2651	2.1859
In-111	4.3988	4.4461	4.6519	4.5740	4.1778	4.2781	4.6045	4.5808
In-111m	1.4615	1.5063	1.5499	1.4728	1.4173	1.4848	1.5674	1.5014
In-112	0.3954	0.3820	0.4203	0.4348	0.3506	0.3468	0.4021	0.4269
In-112m	0.9105	0.8815	0.9651	1.0000	0.8169	0.8064	0.9243	0.9786
In-113m	1.3100	1.3304	1.3885	1.3516	1.2479	1.2875	1.3826	1.3613
In-114	0.0076	0.0074	0.0080	0.0081	0.0069	0.0070	0.0078	0.0080
In-114m	0.8415	0.8268	0.8962	0.9116	0.7697	0.7737	0.8709	0.9017
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1659	1.1714	1.2356	1.2215	1.0953	1.1182	1.2175	1.2208
In-116m	3.4349	3.5735	3.6375	3.3897	3.3701	3.5854	3.7418	3.5078
In-117	3.3724	3.4726	3.5644	3.4087	3.2848	3.4213	3.5940	3.4590
In-117m	0.8788	0.8861	0.9295	0.9164	0.8324	0.8504	0.9184	0.9164
In-118m	4.3609	4.5375	4.6217	4.3068	4.2770	4.5461	4.7466	4.4504
In-118	0.1065	0.1110	0.1128	0.1049	0.1046	0.1114	0.1163	0.1087
In-119	1.8200	1.8599	1.9449	1.8659	1.7440	1.8279	1.9632	1.9023
In-119m	0.2249	0.2200	0.2432	0.2478	0.2039	0.2070	0.2380	0.2476
In-121	1.7780	1.8480	1.8862	1.7620	1.7415	1.8454	1.9279	1.8146
In-121m	0.7938	0.7813	0.8338	0.8473	0.7355	0.7352	0.8104	0.8332
Ir-180	4.6060	4.5957	5.0079	5.0007	4.3227	4.4710	4.9861	5.0533
Ir-182	4.4656	4.4309	4.8700	4.9021	4.1678	4.2972	4.8334	4.9447
Ir-183	4.6582	4.5232	5.1564	5.3278	4.2423	4.3489	5.0840	5.3566
Ir-184	6.6784	6.6427	7.2759	7.2912	6.2464	6.4624	7.2457	7.3715
Ir-185	4.4056	4.1366	4.9954	5.3635	3.8538	3.9031	4.8613	5.3631
Ir-186	6.4639	6.4339	7.0342	7.0466	6.0531	6.2568	7.0017	7.1192
Ir-186m	3.7684	3.7372	4.1149	4.1345	3.5136	3.6363	4.0996	4.1814
Ir-187	3.0135	2.8333	3.4094	3.6579	2.6441	2.6717	3.3122	3.6508
Ir-188	4.6539	4.6172	5.0754	5.0925	4.3446	4.5093	5.0755	5.1621
Ir-189	2.1376	1.9470	2.4680	2.7378	1.8073	1.8008	2.3672	2.7173
Ir-190	7.0889	7.1194	7.6677	7.5931	6.7020	6.9469	7.6571	7.6782
Ir-190m	0.3632	0.2432	0.5060	0.6757	0.2021	0.1779	0.4531	0.6641
Ir-190n	1.7286	1.5990	1.9687	2.1522	1.4926	1.4922	1.8966	2.1364
Ir-191m	2.1315	1.9311	2.4777	2.7604	1.7831	1.7743	2.3690	2.7399
Ir-192	3.9366	4.0411	4.1936	4.0308	3.8093	3.9743	4.2181	4.0950
Ir-192m	0.4138	0.2836	0.5689	0.7533	0.2344	0.2080	0.5095	0.7380
Ir-192n	0.8708	0.6012	1.1931	1.5751	0.4982	0.4436	1.0697	1.5432

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-193m	0.3668	0.2486	0.5078	0.6749	0.2075	0.1837	0.4554	0.6632
Ir-194	0.3595	0.3701	0.3823	0.3655	0.3490	0.3649	0.3855	0.3721
Ir-194m	8.2845	8.5177	8.8322	8.4478	8.0227	8.4033	8.9201	8.6091
Ir-195	1.6949	1.5590	1.9447	2.1354	1.4459	1.4442	1.8657	2.1188
Ir-195m	2.7009	2.6432	2.9768	3.0506	2.4753	2.5377	2.9314	3.0638
Ir-196	0.7193	0.7417	0.7653	0.7285	0.6990	0.7334	0.7742	0.7436
Ir-196m	8.8888	9.0840	9.5220	9.1877	8.5463	8.9360	9.5920	9.3507
K-38	1.4815	1.5434	1.5644	1.4441	1.4602	1.5753	1.6361	1.5138
K-40	0.1708	0.1760	0.1825	0.1724	0.1656	0.1765	0.1882	0.1790
K-42	0.2861	0.2982	0.3026	0.2805	0.2814	0.3010	0.3138	0.2923
K-43	3.1571	3.2721	3.3454	3.1611	3.0859	3.2434	3.3954	3.2295
K-44	2.3613	2.4588	2.4989	2.3178	2.3211	2.4820	2.5860	2.4108
K-45	3.0064	3.1138	3.1749	2.9945	2.9479	3.1100	3.2450	3.0749
K-46	2.3239	2.4210	2.4567	2.2744	2.2869	2.4514	2.5530	2.3741
Kr-74	2.7938	2.7567	3.0521	3.1007	2.5793	2.6426	3.0024	3.1045
Kr-75	2.4847	2.4960	2.6736	2.6537	2.3490	2.4169	2.6516	2.6685
Kr-76	3.2702	3.1216	3.6683	3.8760	2.8586	2.9063	3.5614	3.8545
Kr-77	2.6537	2.6734	2.8475	2.8179	2.5219	2.5922	2.8229	2.8324
Kr-79	1.4328	1.2868	1.6823	1.8890	1.1420	1.1395	1.5968	1.8608
Kr-81	0.7246	0.5488	0.9373	1.1897	0.4430	0.4059	0.8404	1.1467
Kr-81m	1.5534	1.5462	1.6840	1.6954	1.4394	1.4791	1.6612	1.6934
Kr-83m	0.3196	0.2382	0.4175	0.5338	0.1930	0.1757	0.3742	0.5162
Kr-85	0.0067	0.0070	0.0071	0.0067	0.0066	0.0069	0.0073	0.0069
Kr-85m	1.7838	1.8180	1.8953	1.8477	1.7174	1.7732	1.8920	1.8609
Kr-87	1.2745	1.3221	1.3498	1.2685	1.2479	1.3194	1.3795	1.3046
Kr-88	2.3039	2.3689	2.4503	2.3275	2.2278	2.3583	2.5054	2.3925
Kr-89	2.7670	2.8704	2.9311	2.7498	2.7085	2.8705	3.0025	2.8332
La-128	5.1992	5.3715	5.5091	5.2204	5.0677	5.3245	5.5910	5.3360
La-129	2.2832	2.3095	2.4180	2.3729	2.1860	2.2483	2.4076	2.3836
La-130	3.7538	3.8685	3.9790	3.7834	3.6494	3.8284	4.0323	3.8624
La-131	2.9656	2.9833	3.1420	3.1068	2.8245	2.8929	3.1174	3.1109
La-132	3.3821	3.4621	3.5862	3.4392	3.2678	3.4177	3.6268	3.5024
La-132m	3.1528	3.1843	3.3582	3.2981	3.0112	3.1045	3.3485	3.3222
La-133	1.2962	1.2233	1.4170	1.5169	1.1476	1.1379	1.3642	1.4916
La-134	0.4987	0.4869	0.5301	0.5446	0.4605	0.4625	0.5180	0.5379
La-135	1.0597	1.0166	1.1277	1.1863	0.9623	0.9509	1.0872	1.1598
La-136	0.7190	0.6924	0.7649	0.8005	0.6553	0.6499	0.7396	0.7843
La-137	0.9970	0.9531	1.0622	1.1223	0.9020	0.8892	1.0221	1.0959
La-138	2.1043	2.1419	2.2368	2.1577	2.0201	2.1141	2.2657	2.2004
La-140	3.3798	3.5114	3.5799	3.3486	3.3120	3.5143	3.6736	3.4580

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-141	0.0299	0.0312	0.0317	0.0294	0.0294	0.0314	0.0328	0.0306
La-142	2.3786	2.4740	2.5168	2.3416	2.3365	2.4946	2.6017	2.4303
La-143	0.3438	0.3576	0.3641	0.3393	0.3373	0.3591	0.3748	0.3511
Lu-165	4.5143	4.4827	4.8738	4.9040	4.2439	4.3600	4.8332	4.9338
Lu-167	4.9014	4.8584	5.3092	5.3405	4.5829	4.7285	5.2833	5.3903
Lu-169m	0.2652	0.1757	0.3715	0.4979	0.1465	0.1284	0.3326	0.4900
Lu-169	4.5952	4.5571	4.9790	5.0070	4.3056	4.4421	4.9539	5.0541
Lu-170	4.3839	4.3769	4.7444	4.7091	4.1314	4.3069	4.7686	4.7934
Lu-171m	0.2866	0.1927	0.3986	0.5312	0.1617	0.1429	0.3577	0.5230
Lu-171	4.2847	4.0858	4.7689	5.0325	3.8252	3.8784	4.6512	5.0325
Lu-172	6.1821	6.1639	6.7060	6.6853	5.8104	6.0234	6.6938	6.7711
Lu-172m	0.2384	0.1580	0.3340	0.4477	0.1317	0.1155	0.2991	0.4406
Lu-173	3.6392	3.5237	3.9751	4.1373	3.3388	3.3815	3.8860	4.1259
Lu-174	1.8181	1.7097	2.0309	2.1829	1.6109	1.6179	1.9669	2.1717
Lu-174m	2.1214	1.8933	2.4705	2.7929	1.7586	1.7373	2.3539	2.7673
Lu-176	4.2600	4.2586	4.6142	4.6107	4.0126	4.1369	4.5793	4.6445
Lu-176m	0.4697	0.4219	0.5486	0.6155	0.3914	0.3883	0.5233	0.6115
Lu-177	0.4775	0.4729	0.5188	0.5251	0.4466	0.4577	0.5125	0.5270
Lu-177m	9.4190	9.4318	10.1482	10.1201	8.9159	9.1785	10.0786	10.1854
Lu-178	0.4475	0.4277	0.5018	0.5272	0.4003	0.4092	0.4926	0.5305
Lu-178m	7.7314	7.8016	8.3062	8.1857	7.3726	7.6209	8.2741	8.2625
Lu-179	0.2656	0.2716	0.2822	0.2735	0.2571	0.2668	0.2827	0.2763
Lu-180	3.7752	3.8302	4.0605	3.9508	3.6084	3.7743	4.0935	4.0279
Lu-181	3.0872	3.0103	3.4110	3.5073	2.8225	2.8977	3.3662	3.5297
Mg-27	1.6329	1.6987	1.7330	1.6154	1.6005	1.6983	1.7733	1.6654
Mg-28	2.9401	3.0156	3.0896	2.9509	2.8484	2.9706	3.1230	2.9982
Mn-50m	5.3436	5.5616	5.6642	5.2741	5.2422	5.5768	5.8226	5.4546
Mn-51	0.0146	0.0128	0.0176	0.0200	0.0116	0.0117	0.0169	0.0201
Mn-52	4.9344	5.0787	5.2825	5.0055	4.7757	5.0632	5.3994	5.1609
Mn-52m	1.5646	1.6294	1.6566	1.5385	1.5365	1.6420	1.7151	1.6009
Mn-53	0.2141	0.1418	0.3001	0.4023	0.1182	0.1036	0.2687	0.3960
Mn-54	1.8200	1.8119	2.0051	1.9935	1.6914	1.7718	2.0118	2.0345
Mn-56	2.2482	2.3399	2.3833	2.2171	2.2064	2.3506	2.4514	2.2943
Mn-57	0.8885	0.7900	1.0502	1.1870	0.7132	0.7072	0.9981	1.1782
Mn-58m	3.5697	3.7143	3.7836	3.5262	3.5013	3.7221	3.8858	3.6439
Mo-101	2.8882	2.9601	3.0873	2.9529	2.7840	2.9302	3.1333	3.0248
Mo-102	0.1911	0.1961	0.2019	0.1947	0.1856	0.1922	0.2022	0.1966
Mo-89	0.3613	0.3719	0.3843	0.3640	0.3480	0.3673	0.3915	0.3739
Mo-90	4.4876	4.4768	4.8026	4.7950	4.1356	4.2123	4.7167	4.7983
Mo-91m	1.5446	1.5972	1.6397	1.5444	1.4994	1.5862	1.6762	1.5891

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-91	0.0674	0.0625	0.0742	0.0801	0.0540	0.0524	0.0697	0.0786
Mo-93	0.8203	0.7360	0.9119	1.0209	0.6171	0.5760	0.8338	0.9872
Mo-93m	4.4364	4.5685	4.7100	4.4736	4.2847	4.5079	4.7858	4.5825
Mo-99	0.5530	0.5663	0.5864	0.5635	0.5320	0.5535	0.5889	0.5713
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0002	1.0369	1.0492	0.9641	0.9909	1.0776	1.1175	1.0255
Na-22	1.5854	1.6522	1.6782	1.5575	1.5576	1.6628	1.7342	1.6177
Na-24	3.0083	3.1341	3.1781	2.9375	2.9630	3.1840	3.3137	3.0739
Nb-87	2.9980	3.0029	3.2075	3.1928	2.7872	2.8483	3.1597	3.1922
Nb-88m	5.8233	6.0423	6.1767	5.7918	5.6906	6.0233	6.3116	5.9608
Nb-88	7.3932	7.5917	7.8729	7.5024	7.1069	7.4596	7.9644	7.6667
Nb-89	0.7001	0.6971	0.7547	0.7473	0.6375	0.6622	0.7545	0.7589
Nb-89m	1.5568	1.5891	1.6624	1.6015	1.4809	1.5443	1.6697	1.6274
Nb-90	5.2454	5.3428	5.5893	5.3815	4.9895	5.2273	5.6551	5.4991
Nb-91	0.8271	0.7316	0.9333	1.0598	0.6054	0.5630	0.8510	1.0220
Nb-91m	0.7392	0.6681	0.8209	0.9122	0.5647	0.5322	0.7553	0.8848
Nb-92	4.0007	4.0333	4.2982	4.2031	3.7196	3.8606	4.2902	4.2566
Nb-92m	2.4943	2.4658	2.7028	2.7080	2.2389	2.2976	2.6630	2.7231
Nb-93m	0.1612	0.1412	0.1835	0.2100	0.1183	0.1100	0.1674	0.2036
Nb-94m	0.5694	0.5108	0.6343	0.7101	0.4293	0.4016	0.5807	0.6873
Nb-94	3.1770	3.3027	3.3713	3.1516	3.1113	3.2959	3.4456	3.2419
Nb-95	1.5922	1.6552	1.6900	1.5803	1.5590	1.6510	1.7262	1.6246
Nb-95m	1.0347	0.9933	1.1238	1.1751	0.8869	0.8789	1.0745	1.1589
Nb-96	5.0742	5.2720	5.3820	5.0393	4.9680	5.2571	5.4968	5.1817
Nb-97	1.5966	1.6579	1.6931	1.5897	1.5622	1.6507	1.7285	1.6306
Nb-98m	4.9782	5.1738	5.2794	4.9363	4.8750	5.1684	5.4038	5.0843
Nb-99	3.0766	3.0960	3.2654	3.2287	2.9018	2.9568	3.2160	3.2316
Nb-99m	1.1136	1.1448	1.1806	1.1225	1.0763	1.1322	1.2001	1.1504
Nd-134	3.3091	3.3374	3.5053	3.4593	3.1674	3.2461	3.4828	3.4639
Nd-135	3.7586	3.7817	4.0053	3.9587	3.5791	3.6807	3.9844	3.9735
Nd-136	2.9221	2.8816	3.1172	3.1651	2.7364	2.7680	3.0608	3.1416
Nd-137	3.3132	3.3350	3.5197	3.4651	3.1588	3.2522	3.5082	3.4823
Nd-138	1.1772	1.1393	1.2562	1.3066	1.0819	1.0785	1.2194	1.2833
Nd-139	1.1952	1.1784	1.2730	1.2905	1.1170	1.1317	1.2523	1.2816
Nd-139m	5.0808	5.1570	5.3944	5.2439	4.8807	5.0601	5.4106	5.2999
Nd-140	1.0611	1.0206	1.1338	1.1882	0.9694	0.9623	1.0971	1.1642
Nd-141	1.0886	1.0504	1.1620	1.2127	0.9977	0.9928	1.1267	1.1899
Nd-141m	1.5487	1.6029	1.6446	1.5492	1.5107	1.5942	1.6747	1.5876
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.4843	1.4849	1.5774	1.5704	1.4130	1.4415	1.5588	1.5677

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-149	2.7345	2.7852	2.8996	2.8207	2.6403	2.7292	2.8989	2.8430
Nd-151	3.1705	3.2536	3.3565	3.2194	3.0837	3.2112	3.3806	3.2682
Nd-152	1.1931	1.1966	1.2849	1.2773	1.1210	1.1548	1.2752	1.2860
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.6754	1.7369	1.7765	1.6751	1.6376	1.7224	1.8031	1.7139
Ni-56	5.8702	5.9344	6.3399	6.2127	5.5827	5.8186	6.3656	6.3141
Ni-57	2.0958	2.0992	2.2889	2.2561	1.9681	2.0713	2.3176	2.3164
Ni-59	0.3713	0.2458	0.5203	0.6975	0.2050	0.1797	0.4659	0.6866
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7178	0.7474	0.7599	0.7068	0.7048	0.7509	0.7835	0.7331
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.7347	5.6488	6.2613	6.3491	5.2236	5.3540	6.1571	6.3671
Np-233	2.0784	1.9920	2.2954	2.4133	1.8326	1.8408	2.2148	2.3910
Np-234	3.3488	3.2505	3.6884	3.8025	2.9881	3.0522	3.6149	3.8097
Np-235	0.6350	0.5132	0.7790	0.9492	0.4263	0.3936	0.7047	0.9199
Np-236	4.3180	3.9866	4.8801	5.3375	3.5783	3.5309	4.6275	5.2505
Np-236m	1.1584	1.0974	1.2886	1.3721	1.0024	1.0016	1.2365	1.3562
Np-237	1.4810	1.3147	1.7097	1.9398	1.1564	1.1174	1.5924	1.8917
Np-238	1.5277	1.4790	1.6900	1.7395	1.3468	1.3795	1.6557	1.7473
Np-239	3.1393	3.0082	3.4719	3.6500	2.7674	2.7835	3.3556	3.6249
Np-240	4.6500	4.5129	5.1177	5.2761	4.1329	4.2085	4.9972	5.2761
Np-240m	1.2631	1.2129	1.4014	1.4616	1.1012	1.1183	1.3631	1.4596
Np-241	0.7944	0.7610	0.8764	0.9216	0.6989	0.7012	0.8454	0.9135
Np-242	0.4574	0.4592	0.4953	0.4866	0.4258	0.4453	0.4974	0.4955
Np-242m	3.9567	3.8003	4.3828	4.5717	3.4579	3.5052	4.2568	4.5609
O-14	1.4577	1.5185	1.5386	1.4191	1.4375	1.5503	1.6119	1.4894
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.7906	2.8850	2.9483	2.7992	2.7309	2.8629	2.9893	2.8534
Os-180	2.3891	2.1797	2.7463	3.0391	2.0184	2.0080	2.6305	3.0164
Os-181	5.6816	5.5973	6.2214	6.3137	5.2659	5.4243	6.1694	6.3654
Os-182	3.7900	3.6556	4.2112	4.3940	3.4274	3.4932	4.1293	4.4029
Os-183	5.3840	5.2586	5.9134	6.0812	4.9516	5.0597	5.8219	6.0988
Os-183m	3.1014	3.0435	3.4106	3.4693	2.8590	2.9516	3.3877	3.5058
Os-185	3.0699	3.0161	3.3713	3.4316	2.8336	2.9188	3.3432	3.4580
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3480	0.2323	0.4856	0.6492	0.1932	0.1699	0.4348	0.6384
Os-190m	6.8605	6.8973	7.4413	7.3542	6.4750	6.7301	7.4413	7.4534
Os-191	2.2801	2.0852	2.6318	2.9065	1.9313	1.9271	2.5236	2.8870
Os-191m	0.5065	0.3868	0.6581	0.8274	0.3393	0.3179	0.6038	0.8155
Os-193	0.7077	0.6721	0.7969	0.8460	0.6266	0.6352	0.7755	0.8454

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Os-194	0.3822	0.2844	0.5016	0.6399	0.2454	0.2263	0.4562	0.6279
Os-196	0.7193	0.7099	0.7853	0.7971	0.6685	0.6854	0.7753	0.8005
P-30	0.0011	0.0012	0.0012	0.0011	0.0011	0.0012	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.8052	0.7296	0.9244	1.0297	0.6531	0.6416	0.8723	1.0107
Pa-228	5.9365	5.7561	6.5630	6.7802	5.2873	5.3964	6.4149	6.7811
Pa-229	1.8190	1.7104	2.0401	2.1896	1.5601	1.5572	1.9523	2.1622
Pa-230	3.4118	3.2918	3.7801	3.9281	3.0186	3.0697	3.6808	3.9200
Pa-231	1.3075	1.1047	1.5691	1.8530	0.9500	0.9044	1.4455	1.8055
Pa-232	3.0535	3.0001	3.3490	3.3963	2.7589	2.8384	3.3012	3.4162
Pa-233	2.5802	2.4652	2.8686	3.0243	2.2513	2.2678	2.7695	3.0023
Pa-234	5.9668	5.8459	6.5405	6.6692	5.3864	5.5169	6.4248	6.6873
Pa-234m	0.0482	0.0474	0.0528	0.0535	0.0437	0.0450	0.0521	0.0538
Pa-235	0.1255	0.0833	0.1757	0.2353	0.0694	0.0609	0.1573	0.2316
Pa-236	2.1437	2.1120	2.3472	2.3708	1.9444	2.0095	2.3261	2.3913
Pa-237	1.4561	1.4775	1.5748	1.5279	1.3843	1.4531	1.5887	1.5608
Pb-194	4.6979	4.6357	5.1473	5.2077	4.3432	4.4729	5.0875	5.2425
Pb-195m	6.5306	6.4448	7.1773	7.2598	6.0106	6.2047	7.1005	7.3165
Pb-196	4.2380	4.1491	4.6637	4.7740	3.8841	3.9740	4.5768	4.7843
Pb-197	4.3981	4.3865	4.7896	4.7706	4.1139	4.2677	4.7709	4.8285
Pb-197m	5.7322	5.6489	6.2974	6.3857	5.2745	5.4323	6.2175	6.4253
Pb-198	4.0985	4.0077	4.5140	4.6303	3.7494	3.8330	4.4262	4.6377
Pb-199	3.7354	3.6965	4.0876	4.1178	3.4629	3.5745	4.0488	4.1532
Pb-200	3.6992	3.5452	4.1268	4.3375	3.3050	3.3465	4.0066	4.3220
Pb-201	4.2693	4.2269	4.6683	4.7081	3.9600	4.0769	4.6112	4.7378
Pb-201m	1.5874	1.5720	1.7384	1.7497	1.4690	1.5175	1.7228	1.7630
Pb-202	0.3582	0.2456	0.4923	0.6518	0.2029	0.1800	0.4409	0.6385
Pb-202m	5.1735	5.2882	5.5516	5.3365	4.9644	5.2115	5.6065	5.4464
Pb-203	3.4880	3.4108	3.8403	3.9411	3.1919	3.2609	3.7627	3.9457
Pb-204m	4.7726	4.9312	5.0814	4.8023	4.6429	4.8960	5.1629	4.9228
Pb-205	0.3625	0.2486	0.4983	0.6597	0.2054	0.1822	0.4462	0.6462
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.4620	0.3569	0.5904	0.7399	0.2998	0.2779	0.5351	0.7191
Pb-211	0.1947	0.1993	0.2086	0.2005	0.1873	0.1962	0.2102	0.2042
Pb-212	1.6930	1.6747	1.8468	1.8689	1.5689	1.6079	1.8156	1.8722
Pb-214	1.7882	1.7801	1.9472	1.9534	1.6646	1.7150	1.9244	1.9645
Pd-100	3.6027	3.5463	3.8186	3.8655	3.2889	3.2849	3.6709	3.8244
Pd-101	2.4711	2.3958	2.6350	2.7137	2.1738	2.1566	2.5153	2.6797
Pd-103	0.8724	0.8134	0.9347	1.0061	0.7193	0.6863	0.8615	0.9774

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.4175	1.4294	1.5004	1.4792	1.3389	1.3686	1.4803	1.4798
Pd-109	0.4908	0.4621	0.5278	0.5632	0.4192	0.4062	0.4948	0.5489
Pd-111	0.1183	0.1219	0.1253	0.1190	0.1148	0.1203	0.1268	0.1214
Pd-112	0.3596	0.3247	0.3976	0.4424	0.2790	0.2627	0.3641	0.4293
Pd-114	0.2447	0.2510	0.2585	0.2491	0.2377	0.2459	0.2585	0.2516
Pd-96	3.9232	3.9889	4.1609	4.0308	3.7353	3.8626	4.1481	4.0778
Pd-97	3.3688	3.4611	3.5701	3.4029	3.2490	3.4067	3.6119	3.4771
Pd-98	3.2432	3.2342	3.4362	3.4258	3.0098	3.0488	3.3566	3.4179
Pd-99	3.2180	3.2664	3.4082	3.3172	3.0633	3.1575	3.3907	3.3481
Pm-136	4.9426	5.1164	5.2418	4.9511	4.8247	5.0761	5.3228	5.0638
Pm-137m	5.6497	5.7567	5.9886	5.8119	5.4538	5.6475	5.9996	5.8675
Pm-139	0.9681	0.9747	1.0295	1.0141	0.9227	0.9505	1.0267	1.0196
Pm-140m	5.3350	5.5100	5.6628	5.3534	5.1968	5.4726	5.7559	5.4817
Pm-140	0.3812	0.3867	0.4053	0.3939	0.3656	0.3799	0.4074	0.3988
Pm-141	0.8361	0.8270	0.8913	0.8984	0.7842	0.7991	0.8815	0.8961
Pm-142	0.3245	0.3178	0.3463	0.3538	0.3017	0.3049	0.3403	0.3510
Pm-143	1.7013	1.6848	1.8157	1.8283	1.5961	1.6260	1.7934	1.8220
Pm-144	4.9855	5.0921	5.2979	5.1049	4.8077	5.0132	5.3415	5.1785
Pm-145	1.1298	1.0851	1.2141	1.2740	1.0306	1.0253	1.1757	1.2509
Pm-146	2.6833	2.7295	2.8532	2.7666	2.5785	2.6784	2.8648	2.7989
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.9234	0.9601	0.9785	0.9138	0.9051	0.9607	1.0039	0.9433
Pm-148m	5.3252	5.5145	5.6493	5.3304	5.1998	5.4766	5.7459	5.4559
Pm-149	0.0668	0.0680	0.0714	0.0695	0.0640	0.0665	0.0715	0.0704
Pm-150	2.9554	3.0663	3.1310	2.9437	2.8921	3.0541	3.1932	3.0235
Pm-151	2.1453	2.1798	2.2794	2.2240	2.0646	2.1337	2.2780	2.2414
Pm-152m	4.9798	5.1070	5.2842	5.0725	4.8318	5.0412	5.3283	5.1568
Pm-152	0.9057	0.9236	0.9632	0.9306	0.8748	0.9101	0.9685	0.9444
Pm-153	1.3127	1.3046	1.4057	1.4142	1.2379	1.2593	1.3840	1.4118
Pm-154	2.6978	2.7598	2.8767	2.7514	2.6073	2.7464	2.9260	2.8207
Pm-154m	4.6685	4.7732	4.9650	4.7795	4.5148	4.7161	5.0127	4.8633
Po-203	4.9206	4.8878	5.3757	5.3799	4.5657	4.7281	5.3347	5.4320
Po-204	6.8835	6.6439	7.6715	7.9736	6.1668	6.2963	7.4907	7.9798
Po-205	4.7108	4.6896	5.1411	5.1268	4.3852	4.5470	5.1089	5.1830
Po-206	5.5895	5.4381	6.2025	6.3821	5.0416	5.1729	6.0839	6.4025
Po-207	4.2729	4.2552	4.6613	4.6475	3.9798	4.1238	4.6286	4.6958

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0492	0.0431	0.0592	0.0677	0.0391	0.0389	0.0562	0.0674
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0182	0.0189	0.0193	0.0182	0.0178	0.0188	0.0197	0.0187
Po-212m	0.0697	0.0723	0.0737	0.0687	0.0684	0.0730	0.0763	0.0714
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0007	0.0007	0.0007	0.0006	0.0007	0.0007	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.8336	7.0549	7.2428	6.8741	6.6578	6.9873	7.3419	7.0159
Pr-134m	3.0583	3.1561	3.2411	3.0723	2.9791	3.1343	3.2949	3.1443
Pr-135	2.4030	2.4097	2.5497	2.5300	2.2838	2.3361	2.5260	2.5296
Pr-136	3.4350	3.5310	3.6434	3.4713	3.3324	3.4964	3.6956	3.5439
Pr-137	0.9834	0.9594	1.0469	1.0769	0.9096	0.9130	1.0223	1.0626
Pr-138	0.3345	0.3269	0.3561	0.3652	0.3098	0.3117	0.3484	0.3609
Pr-138m	5.9055	6.0587	6.2675	5.9931	5.7174	5.9824	6.3332	6.1026
Pr-139	0.9998	0.9631	1.0654	1.1144	0.9140	0.9074	1.0312	1.0919
Pr-140	0.5328	0.5132	0.5677	0.5939	0.4870	0.4834	0.5494	0.5818
Pr-142	0.0568	0.0592	0.0601	0.0557	0.0559	0.0598	0.0624	0.0581
Pr-142m	0.0168	0.0112	0.0236	0.0317	0.0093	0.0082	0.0211	0.0312
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0363	0.0378	0.0384	0.0358	0.0356	0.0379	0.0396	0.0371
Pr-144m	0.4843	0.4467	0.5390	0.5910	0.4193	0.4123	0.5152	0.5798
Pr-145	0.0513	0.0524	0.0545	0.0524	0.0495	0.0516	0.0549	0.0532
Pr-146	1.7027	1.7683	1.8039	1.6902	1.6678	1.7663	1.8464	1.7411
Pr-147	2.9537	2.9534	3.1441	3.1289	2.8019	2.8665	3.1145	3.1302
Pr-148	2.2353	2.3162	2.3672	2.2336	2.1855	2.3020	2.4082	2.2884
Pr-148m	3.3160	3.4307	3.5129	3.3315	3.2369	3.3935	3.5551	3.3976
Pt-184	7.7540	7.4515	8.6374	9.0525	6.9784	7.0943	8.4426	9.0522
Pt-186	3.9446	3.8408	4.3598	4.4910	3.6007	3.6898	4.2957	4.5099
Pt-187	4.8070	4.6237	5.3501	5.5983	4.3317	4.4075	5.2338	5.6010
Pt-188	3.3528	3.1814	3.7649	4.0052	2.9740	3.0068	3.6598	3.9933
Pt-189	4.4332	4.2273	4.9658	5.2471	3.9533	4.0108	4.8424	5.2428
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.9536	3.7559	4.4337	4.7074	3.5147	3.5545	4.3120	4.6952
Pt-193	0.3783	0.2573	0.5224	0.6938	0.2130	0.1884	0.4678	0.6804
Pt-193m	0.6914	0.5505	0.8765	1.0756	0.4872	0.4636	0.8096	1.0599
Pt-195m	2.6393	2.3295	3.1228	3.5591	2.1332	2.1035	2.9590	3.5220

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pt-197	0.7455	0.6585	0.8849	1.0062	0.5993	0.5918	0.8361	0.9957
Pt-197m	1.7610	1.5533	2.0885	2.3811	1.4159	1.3987	1.9794	2.3569
Pt-199	0.8633	0.8694	0.9343	0.9207	0.8164	0.8483	0.9336	0.9326
Pt-200	1.3106	1.2078	1.5064	1.6496	1.1166	1.1176	1.4448	1.6386
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.5454	1.4815	1.7044	1.7916	1.3629	1.3677	1.6442	1.7750
Pu-234	1.7511	1.6669	1.9406	2.0558	1.5277	1.5287	1.8661	2.0341
Pu-235	2.3325	2.2034	2.5973	2.7743	2.0108	2.0055	2.4890	2.7411
Pu-236	0.1982	0.1638	0.2385	0.2863	0.1361	0.1261	0.2160	0.2770
Pu-237	1.6084	1.4864	1.8170	1.9854	1.3409	1.3246	1.7250	1.9544
Pu-238	0.1828	0.1509	0.2201	0.2644	0.1254	0.1161	0.1993	0.2557
Pu-239	0.1023	0.0806	0.1280	0.1584	0.0671	0.0615	0.1156	0.1541
Pu-240	0.1720	0.1420	0.2070	0.2486	0.1180	0.1093	0.1874	0.2405
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.1475	0.1218	0.1776	0.2132	0.1012	0.0938	0.1608	0.2063
Pu-243	0.6568	0.6314	0.7228	0.7547	0.5835	0.5853	0.6954	0.7484
Pu-244	0.1560	0.1359	0.1829	0.2104	0.1170	0.1126	0.1697	0.2055
Pu-245	1.9383	1.9511	2.0838	2.0549	1.8233	1.8832	2.0712	2.0729
Pu-246	2.6405	2.5603	2.8783	2.9849	2.3707	2.3877	2.7921	2.9616
Ra-219	1.2774	1.2815	1.3810	1.3712	1.2001	1.2373	1.3671	1.3800
Ra-220	0.0162	0.0167	0.0172	0.0164	0.0157	0.0165	0.0174	0.0167
Ra-221	0.9060	0.8309	1.0400	1.1454	0.7512	0.7466	0.9897	1.1301
Ra-222	0.0521	0.0535	0.0555	0.0535	0.0503	0.0524	0.0557	0.0542
Ra-223	2.0287	1.9608	2.2487	2.3390	1.8218	1.8487	2.1859	2.3323
Ra-224	0.0872	0.0883	0.0934	0.0917	0.0830	0.0859	0.0931	0.0925
Ra-225	0.6251	0.5773	0.6950	0.7606	0.5280	0.5174	0.6593	0.7411
Ra-226	1.1312	1.1587	1.1850	1.1140	1.1180	1.1452	1.1675	1.0924
Ra-227	1.8085	1.6532	2.0691	2.2833	1.4819	1.4666	1.9639	2.2488
Ra-228	1.1301	1.1472	1.1752	1.1517	1.1148	1.1231	1.1573	1.1932
Ra-230	1.0095	0.9733	1.1173	1.1657	0.9014	0.9129	1.0857	1.1606
Rb-77	2.5454	2.5864	2.7104	2.6422	2.4400	2.5290	2.7119	2.6639
Rb-78m	3.9988	4.1440	4.2407	3.9877	3.9071	4.1336	4.3337	4.1007
Rb-78	2.9855	3.0812	3.1740	2.9921	2.9025	3.0864	3.2603	3.0920
Rb-79	3.0614	3.0676	3.3116	3.2941	2.8585	2.9546	3.2884	3.3112
Rb-80	0.4718	0.4869	0.5025	0.4767	0.4575	0.4821	0.5110	0.4875
Rb-81	1.2165	1.1302	1.3922	1.5122	1.0037	1.0132	1.3335	1.4899
Rb-81m	0.6894	0.5925	0.8172	0.9565	0.4925	0.4714	0.7471	0.9166
Rb-82	0.2925	0.2958	0.3168	0.3089	0.2747	0.2883	0.3186	0.3140
Rb-82m	5.8600	5.9477	6.3247	6.1379	5.5389	5.8175	6.3763	6.2487
Rb-83	2.1707	2.0642	2.4494	2.5917	1.8598	1.8977	2.3759	2.5731

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-84	1.6448	1.5855	1.8424	1.9126	1.4353	1.4801	1.8046	1.9115
Rb-84m	2.4170	2.4448	2.5948	2.5512	2.2811	2.3634	2.5834	2.5674
Rb-86m	1.5477	1.6029	1.6432	1.5508	1.5093	1.5893	1.6703	1.5869
Rb-86	0.1414	0.1472	0.1499	0.1393	0.1387	0.1477	0.1541	0.1442
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.6244	0.6503	0.6608	0.6126	0.6139	0.6574	0.6843	0.6375
Rb-89	2.6930	2.8037	2.8523	2.6494	2.6446	2.8209	2.9418	2.7483
Rb-90	1.4235	1.4804	1.5059	1.3962	1.4000	1.4989	1.5607	1.4547
Rb-90m	3.2917	3.4219	3.4885	3.2465	3.2280	3.4446	3.5977	3.3674
Re-178	4.0495	3.9757	4.4434	4.5269	3.7404	3.8541	4.4072	4.5680
Re-179	4.9729	4.9218	5.4247	5.4776	4.6325	4.7745	5.3841	5.5241
Re-180	4.2154	4.1177	4.6495	4.7609	3.8673	3.9789	4.5999	4.7997
Re-181	4.9186	4.8011	5.4163	5.5673	4.5117	4.6225	5.3408	5.5947
Re-182	9.7511	9.5970	10.6618	10.8496	9.0414	9.2854	10.5503	10.9175
Re-182m	4.9552	4.8432	5.4416	5.5755	4.5631	4.6824	5.3801	5.6109
Re-183	3.7304	3.4788	4.2248	4.5812	3.2556	3.2669	4.0845	4.5586
Re-184	3.7890	3.7080	4.1701	4.2627	3.4853	3.5840	4.1250	4.2944
Re-184m	3.4989	3.3163	3.9382	4.1902	3.1010	3.1429	3.8372	4.1905
Re-186	0.4298	0.4113	0.4789	0.5049	0.3863	0.3908	0.4667	0.5042
Re-186m	1.3301	1.0202	1.7203	2.1584	0.8980	0.8418	1.5793	2.1267
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.5055	0.5010	0.5503	0.5562	0.4720	0.4847	0.5451	0.5594
Re-188m	2.2841	2.0611	2.6547	2.9703	1.9127	1.8998	2.5399	2.9483
Re-189	0.5754	0.5602	0.6364	0.6574	0.5247	0.5366	0.6256	0.6594
Re-190	5.0476	5.1802	5.3785	5.1619	4.8871	5.1107	5.4275	5.2518
Re-190m	4.3634	4.3696	4.7325	4.7039	4.1114	4.2590	4.7208	4.7570
Rh-100m	1.3911	1.3178	1.4874	1.5744	1.1862	1.1510	1.3925	1.5383
Rh-100	4.5277	4.6096	4.8132	4.6331	4.2942	4.4858	4.8476	4.7254
Rh-101	3.9641	3.9758	4.2095	4.1758	3.7060	3.7716	4.1304	4.1741
Rh-101m	2.3735	2.3588	2.5311	2.5361	2.1699	2.1991	2.4671	2.5310
Rh-102	1.5170	1.5112	1.6196	1.6114	1.3895	1.4170	1.5884	1.6157
Rh-102m	5.8724	5.9974	6.2452	6.0013	5.5965	5.8359	6.2737	6.1028
Rh-103m	0.1187	0.1039	0.1354	0.1550	0.0911	0.0859	0.1239	0.1512
Rh-104	0.0373	0.0382	0.0396	0.0379	0.0358	0.0374	0.0399	0.0386
Rh-104m	1.6453	1.6000	1.7356	1.7880	1.4798	1.4650	1.6591	1.7590
Rh-105	0.4263	0.4405	0.4512	0.4299	0.4155	0.4336	0.4542	0.4368
Rh-106	0.5369	0.5570	0.5693	0.5355	0.5250	0.5535	0.5797	0.5489
Rh-106m	5.9502	6.1789	6.3081	5.9153	5.8244	6.1577	6.4396	6.0797
Rh-107	1.6436	1.6985	1.7397	1.6573	1.6023	1.6730	1.7526	1.6845
Rh-108	1.0114	1.0480	1.0722	1.0127	0.9880	1.0386	1.0880	1.0352

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-109	1.8531	1.9027	1.9608	1.8849	1.7928	1.8610	1.9642	1.9078
Rh-94	3.7871	3.9381	4.0109	3.7412	3.7133	3.9478	4.1232	3.8696
Rh-95	2.6748	2.7546	2.8396	2.6841	2.5815	2.7253	2.8918	2.7598
Rh-95m	1.5938	1.6433	1.6907	1.6026	1.5443	1.6229	1.7148	1.6396
Rh-96	6.2912	6.5085	6.6770	6.2890	6.1163	6.4582	6.8037	6.4543
Rh-96m	1.6482	1.6707	1.7538	1.6966	1.5532	1.6174	1.7577	1.7262
Rh-97	2.3118	2.3564	2.4578	2.3709	2.1985	2.2872	2.4629	2.4076
Rh-97m	3.7886	3.8464	4.0226	3.8967	3.5883	3.7317	4.0345	3.9583
Rh-98	1.8716	1.9343	1.9858	1.8756	1.8176	1.9163	2.0218	1.9217
Rh-99	3.4059	3.3838	3.6307	3.6316	3.1200	3.1636	3.5421	3.6268
Rh-99m	2.6800	2.6828	2.8562	2.8293	2.4765	2.5317	2.8090	2.8395
Rn-207	3.7445	3.7530	4.0602	4.0238	3.5122	3.6359	4.0335	4.0616
Rn-209	4.1516	4.1541	4.5072	4.4731	3.8864	4.0254	4.4792	4.5179
Rn-210	0.3041	0.2985	0.3348	0.3409	0.2774	0.2850	0.3293	0.3422
Rn-211	5.1571	5.1827	5.5906	5.5062	4.8459	5.0467	5.5902	5.5842
Rn-212	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0009	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0020	0.0021	0.0021	0.0020	0.0020	0.0021	0.0022	0.0021
Rn-219	0.3456	0.3523	0.3696	0.3591	0.3315	0.3445	0.3698	0.3635
Rn-220	1.1404	1.1626	1.1690	1.1516	1.1226	1.1420	1.1652	1.1366
Rn-222	0.0012	0.0013	0.0013	0.0012	0.0012	0.0012	0.0013	0.0012
Rn-223	2.0208	1.9128	2.2800	2.4230	1.7508	1.7739	2.2096	2.4155
Ru-103	1.5412	1.5965	1.6343	1.5421	1.5045	1.5816	1.6580	1.5773
Ru-105	2.2886	2.3561	2.4278	2.3118	2.2140	2.3173	2.4508	2.3558
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9385	0.9706	0.9938	0.9405	0.9158	0.9621	1.0082	0.9610
Ru-108	0.8588	0.8723	0.9084	0.8884	0.8227	0.8447	0.9024	0.8924
Ru-92	8.0184	8.0755	8.5162	8.3912	7.5277	7.7163	8.4203	8.4259
Ru-94	2.5282	2.5143	2.7062	2.7026	2.3062	2.3492	2.6508	2.7067
Ru-95	3.3649	3.3988	3.5880	3.5067	3.1491	3.2536	3.5685	3.5443
Ru-97	2.7301	2.7113	2.9152	2.9279	2.4971	2.5311	2.8453	2.9179
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3537	1.4090	1.4267	1.3128	1.3372	1.4520	1.5014	1.3865
S-38	1.3084	1.3635	1.3822	1.2773	1.2889	1.3894	1.4420	1.3366
Sb-111	2.7804	2.8498	2.9389	2.8266	2.6937	2.7960	2.9522	2.8614
Sb-113	2.0470	2.0931	2.1695	2.0864	1.9686	2.0465	2.1776	2.1143
Sb-114	2.6364	2.7289	2.7918	2.6210	2.5699	2.7236	2.8615	2.7028
Sb-115	2.1521	2.1813	2.2815	2.2207	2.0468	2.1125	2.2745	2.2373

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-116	2.4352	2.4996	2.5784	2.4491	2.3504	2.4753	2.6265	2.5116
Sb-116m	7.0232	7.1888	7.4362	7.1243	6.7706	7.0650	7.5000	7.2462
Sb-117	2.6322	2.6320	2.7788	2.7726	2.4786	2.5117	2.7318	2.7552
Sb-118	0.2917	0.2830	0.3091	0.3184	0.2630	0.2614	0.2981	0.3125
Sb-118m	6.8333	6.9546	7.2236	6.9819	6.5443	6.7913	7.2494	7.0646
Sb-119	1.0611	0.9948	1.1380	1.2226	0.9155	0.8850	1.0712	1.1839
Sb-120	0.5299	0.5057	0.5614	0.5909	0.4683	0.4571	0.5333	0.5736
Sb-120m	7.4833	7.6511	7.9144	7.6063	7.2238	7.5101	7.9495	7.7087
Sb-122m	2.1471	2.1071	2.2780	2.3274	1.9923	1.9966	2.2165	2.2955
Sb-122	1.2181	1.2619	1.2916	1.2178	1.1890	1.2520	1.3135	1.2464
Sb-124	2.9571	3.0737	3.1325	2.9295	2.8983	3.0760	3.2150	3.0210
Sb-124m	1.2294	1.2581	1.3193	1.2672	1.1825	1.2422	1.3357	1.2947
Sb-124n	0.0588	0.0389	0.0823	0.1104	0.0325	0.0285	0.0737	0.1086
Sb-125	2.0503	2.0721	2.1704	2.1260	1.9503	2.0066	2.1606	2.1349
Sb-126	6.8753	7.1355	7.2910	6.8534	6.7251	7.0975	7.4292	7.0251
Sb-126m	4.1235	4.2746	4.3750	4.1227	4.0286	4.2466	4.4525	4.2218
Sb-127	1.9560	2.0243	2.0734	1.9591	1.9085	2.0070	2.1053	2.0025
Sb-128	7.6532	7.9425	8.1152	7.6286	7.4858	7.8980	8.2644	7.8192
Sb-128m	4.9858	5.1718	5.2873	4.9774	4.8743	5.1368	5.3756	5.0966
Sb-129	2.6435	2.7473	2.8030	2.6206	2.5898	2.7447	2.8676	2.6990
Sb-130m	5.7624	5.9779	6.1096	5.7355	5.6372	5.9549	6.2288	5.8874
Sb-130	8.3155	8.6142	8.8114	8.3104	8.1266	8.5549	8.9540	8.5043
Sb-131	3.3073	3.4374	3.5051	3.2742	3.2413	3.4400	3.5933	3.3777
Sb-133	3.4422	3.5823	3.6456	3.3921	3.3791	3.5999	3.7552	3.5144
Sc-42m	4.7025	4.8910	4.9794	4.6489	4.6124	4.8996	5.1166	4.8060
Sc-43	0.3759	0.3845	0.4025	0.3889	0.3618	0.3777	0.4047	0.3954
Sc-44	1.6353	1.7012	1.7348	1.6145	1.6030	1.7078	1.7858	1.6731
Sc-44m	1.5722	1.6189	1.6681	1.5991	1.5286	1.5944	1.6790	1.6238
Sc-46	3.2463	3.3792	3.4433	3.2036	3.1842	3.3855	3.5333	3.3109
Sc-47	1.3290	1.3667	1.4004	1.3486	1.2988	1.3443	1.4064	1.3620
Sc-48	5.0241	5.2302	5.3253	4.9522	4.9303	5.2460	5.4731	5.1252
Sc-49	0.0009	0.0009	0.0010	0.0009	0.0009	0.0010	0.0010	0.0009
Sc-50	4.5715	4.7569	4.8423	4.5121	4.4852	4.7695	4.9798	4.6691
Se-70	2.9885	2.6563	3.5295	3.9956	2.4210	2.4065	3.3610	3.9674
Se-71	1.8741	1.9215	1.9957	1.9158	1.8159	1.8981	2.0155	1.9521
Se-72	1.8870	1.5603	2.3120	2.7742	1.4010	1.3445	2.1487	2.7258
Se-73	3.1476	3.1009	3.4476	3.5061	2.9107	2.9876	3.4027	3.5227
Se-73m	0.4395	0.3923	0.5196	0.5854	0.3549	0.3541	0.4950	0.5810
Se-75	4.0648	3.8995	4.5591	4.7895	3.6273	3.6941	4.4516	4.7991
Se-77m	1.3729	1.3081	1.5419	1.6357	1.2102	1.2265	1.4996	1.6298

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-79m	0.7648	0.6031	0.9728	1.2031	0.5166	0.4873	0.8897	1.1755
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0321	0.0332	0.0340	0.0323	0.0313	0.0328	0.0344	0.0329
Se-81m	0.8351	0.6753	1.0465	1.2741	0.5855	0.5585	0.9637	1.2471
Se-83m	1.6096	1.6731	1.7061	1.5939	1.5777	1.6742	1.7479	1.6441
Se-83	5.4257	5.6285	5.7486	5.4066	5.3099	5.6060	5.8612	5.5496
Se-84	1.5979	1.6542	1.6936	1.6046	1.5604	1.6365	1.7141	1.6372
Si-31	0.0011	0.0012	0.0012	0.0011	0.0011	0.0012	0.0012	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.7684	2.8328	2.9395	2.8325	2.6763	2.7878	2.9582	2.8727
Sm-140	2.0064	2.0004	2.1392	2.1377	1.8975	1.9403	2.1197	2.1377
Sm-141	2.4172	2.4671	2.5679	2.4778	2.3315	2.4303	2.5877	2.5157
Sm-141m	5.1450	5.2567	5.4605	5.2649	4.9722	5.1801	5.4996	5.3385
Sm-142	1.0559	1.0184	1.1321	1.1818	0.9688	0.9662	1.0990	1.1614
Sm-143	0.6855	0.6659	0.7342	0.7590	0.6330	0.6353	0.7165	0.7491
Sm-143m	1.5490	1.6018	1.6457	1.5527	1.5099	1.5925	1.6749	1.5903
Sm-145	2.2008	2.1313	2.3540	2.4463	2.0296	2.0278	2.2895	2.4062
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0018	0.0013	0.0024	0.0031	0.0011	0.0010	0.0021	0.0030
Sm-153	1.6096	1.5920	1.7162	1.7379	1.5183	1.5380	1.6864	1.7270
Sm-155	1.7900	1.8200	1.8886	1.8441	1.7373	1.7837	1.8794	1.8515
Sm-156	1.6334	1.6196	1.7683	1.7844	1.5304	1.5651	1.7433	1.7882
Sm-157	2.5830	2.6403	2.7358	2.6473	2.5031	2.5955	2.7427	2.6727
Sn-106	4.0502	4.1150	4.2875	4.1652	3.8652	3.9926	4.2770	4.1999
Sn-108	4.0055	4.0553	4.2389	4.1469	3.8086	3.9144	4.2091	4.1641
Sn-109	3.5377	3.6075	3.7471	3.5985	3.3836	3.5354	3.7828	3.6660
Sn-110	2.5222	2.5323	2.6703	2.6450	2.3698	2.4159	2.6291	2.6402
Sn-111	0.8092	0.7863	0.8576	0.8807	0.7270	0.7238	0.8271	0.8668
Sn-113	0.8745	0.8309	0.9271	0.9805	0.7631	0.7403	0.8744	0.9505
Sn-113m	0.6018	0.5668	0.6432	0.6876	0.5230	0.5066	0.6067	0.6659
Sn-117m	2.5042	2.5095	2.6473	2.6350	2.3655	2.4031	2.6084	2.6237
Sn-119m	0.7154	0.6606	0.7788	0.8501	0.6049	0.5824	0.7300	0.8241
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2378	0.2178	0.2625	0.2894	0.2010	0.1945	0.2473	0.2816
Sn-123	0.0104	0.0108	0.0110	0.0103	0.0102	0.0109	0.0113	0.0106
Sn-123m	1.7968	1.8381	1.8940	1.8364	1.7442	1.7986	1.8947	1.8488
Sn-125m	1.7033	1.7611	1.8033	1.7161	1.6613	1.7356	1.8175	1.7452

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-125	0.5344	0.5559	0.5666	0.5280	0.5240	0.5568	0.5811	0.5453
Sn-126	1.4689	1.4473	1.5729	1.5959	1.3668	1.3785	1.5320	1.5844
Sn-127m	1.5315	1.5878	1.6237	1.5293	1.4970	1.5761	1.6505	1.5668
Sn-127	3.4103	3.5371	3.6131	3.3900	3.3364	3.5288	3.6911	3.4870
Sn-128	4.0591	4.0540	4.2898	4.2683	3.8143	3.8756	4.2198	4.2484
Sn-129	2.0693	2.1495	2.1935	2.0564	2.0260	2.1438	2.2430	2.1134
Sn-130	4.5392	4.6382	4.7977	4.6318	4.3830	4.5408	4.8045	4.6741
Sn-130m	2.7178	2.7747	2.8729	2.7686	2.6203	2.7199	2.8843	2.8025
Sr-79	1.9161	1.8957	2.0652	2.0919	1.7610	1.7940	2.0236	2.0758
Sr-80	1.8067	1.7296	2.0158	2.1210	1.5514	1.5769	1.9506	2.0953
Sr-81	2.6922	2.7467	2.8669	2.7823	2.5847	2.6824	2.8714	2.8108
Sr-82	0.7328	0.6055	0.8873	1.0710	0.4834	0.4513	0.7977	1.0179
Sr-83	2.2286	2.1014	2.5131	2.6851	1.8624	1.8856	2.4158	2.6445
Sr-85	2.2290	2.1537	2.4764	2.5730	1.9409	1.9840	2.4097	2.5537
Sr-85m	1.9398	1.9667	2.0754	2.0369	1.8460	1.9099	2.0680	2.0502
Sr-87m	1.4344	1.4585	1.5369	1.4961	1.3604	1.4145	1.5366	1.5130
Sr-89	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3244	1.3772	1.4049	1.3118	1.2977	1.3761	1.4378	1.3516
Sr-92	1.6281	1.6958	1.7231	1.6013	1.5991	1.7059	1.7798	1.6627
Sr-93	4.3547	4.4996	4.6255	4.3705	4.2310	4.4645	4.7121	4.4825
Sr-94	1.6241	1.6925	1.7186	1.5947	1.5961	1.7050	1.7783	1.6583
Ta-170	2.1112	2.0503	2.3295	2.4089	1.9288	1.9716	2.2919	2.4182
Ta-172	4.6770	4.6429	5.0892	5.1107	4.3745	4.5231	5.0686	5.1663
Ta-173	3.7378	3.5755	4.1526	4.3753	3.3638	3.4118	4.0587	4.3738
Ta-174	3.7966	3.7093	4.1673	4.2802	3.4939	3.5784	4.1100	4.2988
Ta-175	5.0010	4.9327	5.4424	5.5200	4.6575	4.7862	5.3932	5.5565
Ta-176	4.7381	4.6923	5.1681	5.1921	4.4185	4.5867	5.1681	5.2686
Ta-177	1.7922	1.6980	1.9929	2.1268	1.6016	1.6110	1.9353	2.1156
Ta-178	1.8599	1.7526	2.0788	2.2302	1.6503	1.6591	2.0164	2.2190
Ta-178m	9.5282	9.5238	10.2910	10.2761	8.9972	9.2637	10.2106	10.3466
Ta-179	0.9259	0.8364	1.0689	1.1958	0.7793	0.7729	1.0225	1.1857
Ta-180	1.5221	1.4288	1.7045	1.8371	1.3453	1.3490	1.6497	1.8256
Ta-182	4.1412	4.1278	4.4949	4.4861	3.8933	4.0320	4.4870	4.5412
Ta-182m	4.6400	4.4223	5.1886	5.4975	4.1464	4.1974	5.0575	5.4913
Ta-183	4.2602	4.0672	4.7586	5.0300	3.8133	3.8644	4.6406	5.0263
Ta-184	6.5048	6.5361	7.0469	6.9681	6.1476	6.3839	7.0421	7.0618
Ta-185	2.4048	2.2856	2.6985	2.8669	2.1395	2.1660	2.6289	2.8639
Ta-186	6.1837	6.3026	6.6163	6.4172	5.9477	6.1967	6.6478	6.5119
Tb-146	3.4811	3.5981	3.6921	3.4724	3.3971	3.6071	3.7941	3.5901

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-147m	2.4532	2.4878	2.6154	2.5364	2.3534	2.4650	2.6513	2.5897
Tb-147	4.4351	4.5238	4.7190	4.5501	4.2794	4.4715	4.7674	4.6329
Tb-148m	7.5909	7.8077	8.0705	7.6906	7.3680	7.7326	8.1759	7.8486
Tb-148	3.3100	3.3960	3.5217	3.3596	3.2066	3.3731	3.5777	3.4371
Tb-149m	3.4143	3.4690	3.6429	3.5346	3.2782	3.4151	3.6644	3.5848
Tb-149	4.0599	4.1217	4.3246	4.2096	3.8997	4.0524	4.3437	4.2638
Tb-150m	7.6986	7.8967	8.1865	7.8456	7.4548	7.7981	8.2714	7.9836
Tb-150	3.8791	3.9558	4.1302	3.9789	3.7394	3.9195	4.1861	4.0594
Tb-151	5.4312	5.4772	5.7941	5.7063	5.1876	5.3525	5.7788	5.7471
Tb-151m	1.0796	0.9374	1.2867	1.4854	0.8588	0.8435	1.2170	1.4729
Tb-152m	4.8680	4.8816	5.2192	5.1851	4.6170	4.7541	5.1897	5.2168
Tb-152	3.6066	3.6601	3.8434	3.7419	3.4612	3.5993	3.8617	3.7930
Tb-153	3.4600	3.4233	3.7211	3.7636	3.2463	3.3111	3.6692	3.7605
Tb-154	4.2516	4.2953	4.5384	4.4333	4.0679	4.2371	4.5714	4.5035
Tb-155	3.4694	3.4268	3.7247	3.7779	3.2587	3.3103	3.6606	3.7659
Tb-156	6.3141	6.3854	6.7479	6.6015	6.0388	6.2689	6.7659	6.6832
Tb-156m	1.1342	1.1328	1.1883	1.1904	1.0885	1.1057	1.1714	1.1848
Tb-156n	0.2806	0.2206	0.3570	0.4415	0.1969	0.1862	0.3293	0.4355
Tb-157	0.3092	0.2536	0.3809	0.4590	0.2300	0.2202	0.3545	0.4524
Tb-158	3.2054	3.1833	3.4613	3.4682	3.0091	3.0971	3.4364	3.4909
Tb-160	2.9298	2.9862	3.1367	3.0284	2.8171	2.9483	3.1638	3.0876
Tb-161	1.2965	1.2096	1.4419	1.5610	1.1334	1.1244	1.3823	1.5409
Tb-162	3.8342	3.9237	4.0908	3.9381	3.7034	3.8702	4.1217	4.0064
Tb-163	3.1828	3.2748	3.3839	3.2359	3.0896	3.2305	3.4137	3.2939
Tb-164	6.3188	6.4744	6.7388	6.4653	6.1100	6.4049	6.8186	6.5957
Tb-165	1.4139	1.4348	1.5244	1.4776	1.3492	1.4204	1.5468	1.5155
Tc-101	1.8085	1.8686	1.9143	1.8241	1.7630	1.8400	1.9277	1.8537
Tc-102m	3.9908	4.1458	4.2280	3.9572	3.9099	4.1450	4.3323	4.0792
Tc-102	0.1843	0.1913	0.1954	0.1837	0.1803	0.1903	0.1991	0.1885
Tc-104	3.8705	4.0155	4.0980	3.8517	3.7889	4.0042	4.1848	3.9597
Tc-105	3.1587	3.2357	3.3454	3.2179	3.0490	3.1679	3.3568	3.2628
Tc-91	1.4422	1.4933	1.5278	1.4293	1.4051	1.4976	1.5761	1.4832
Tc-91m	1.0549	1.0902	1.1198	1.0583	1.0248	1.0783	1.1371	1.0841
Tc-92	6.6655	6.8744	7.0616	6.7079	6.4771	6.7930	7.1562	6.8542
Tc-93	2.3567	2.3523	2.5262	2.4952	2.1540	2.2257	2.5151	2.5292
Tc-93m	1.6986	1.7191	1.8105	1.7623	1.5964	1.6577	1.8117	1.7886
Tc-94	5.8129	5.9401	6.1995	5.9410	5.5314	5.7891	6.2460	6.0563
Tc-94m	2.1180	2.1694	2.2568	2.1514	2.0232	2.1265	2.2844	2.2023
Tc-95	2.4701	2.4536	2.6556	2.6466	2.2399	2.2928	2.6127	2.6586
Tc-95m	3.2857	3.2894	3.5144	3.4827	3.0347	3.1100	3.4672	3.4955

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96	5.7217	5.8362	6.1068	5.8664	5.4267	5.6724	6.1419	5.9748
Tc-96m	0.5232	0.4853	0.5719	0.6186	0.4241	0.4084	0.5327	0.6045
Tc-97	0.8216	0.7446	0.9047	1.0028	0.6332	0.5945	0.8283	0.9710
Tc-97m	0.6388	0.5838	0.6984	0.7677	0.5036	0.4758	0.6410	0.7447
Tc-98	3.2216	3.3468	3.4176	3.2041	3.1531	3.3343	3.4894	3.2890
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.8274	1.8657	1.9318	1.8757	1.7675	1.8191	1.9248	1.8897
Te-113	1.7943	1.8589	1.9008	1.7817	1.7519	1.8583	1.9489	1.8378
Te-114	3.3425	3.3525	3.5493	3.5040	3.1508	3.2365	3.5256	3.5189
Te-115	2.8273	2.9123	2.9945	2.8394	2.7428	2.8862	3.0465	2.9075
Te-115m	3.1952	3.2914	3.3854	3.2040	3.0986	3.2671	3.4500	3.2865
Te-116	2.1204	2.0714	2.2440	2.3008	1.9441	1.9357	2.1684	2.2601
Te-117	2.4733	2.5153	2.6210	2.5301	2.3634	2.4615	2.6392	2.5672
Te-118	0.8537	0.8112	0.9051	0.9590	0.7538	0.7334	0.8584	0.9293
Te-119	2.4857	2.5063	2.6347	2.5821	2.3514	2.4223	2.6256	2.5951
Te-119m	4.4794	4.5609	4.7374	4.5867	4.3001	4.4573	4.7527	4.6392
Te-121	2.4474	2.4620	2.5946	2.5529	2.3096	2.3704	2.5754	2.5596
Te-121m	2.2683	2.2773	2.4090	2.3905	2.1461	2.1945	2.3816	2.3879
Te-123	0.0524	0.0351	0.0729	0.0973	0.0294	0.0259	0.0654	0.0957
Te-123m	2.2530	2.2610	2.3886	2.3757	2.1370	2.1784	2.3614	2.3719
Te-125m	1.5083	1.4337	1.6041	1.7013	1.3390	1.3076	1.5274	1.6526
Te-127	0.0214	0.0220	0.0226	0.0216	0.0208	0.0217	0.0228	0.0220
Te-127m	0.4902	0.4584	0.5302	0.5725	0.4262	0.4148	0.5026	0.5568
Te-129	0.4321	0.4128	0.4747	0.4993	0.3838	0.3854	0.4601	0.4954
Te-129m	0.4183	0.3996	0.4492	0.4730	0.3726	0.3682	0.4312	0.4634
Te-131	2.2468	2.3053	2.3735	2.2825	2.1841	2.2660	2.3846	2.3105
Te-131m	3.6754	3.7856	3.8944	3.7019	3.5719	3.7449	3.9431	3.7760
Te-132	2.8168	2.8315	2.9728	2.9465	2.6774	2.7318	2.9378	2.9386
Te-133	2.7796	2.8809	2.9439	2.7766	2.7175	2.8619	2.9936	2.8443
Te-133m	4.1271	4.2605	4.3746	4.1403	4.0175	4.2259	4.4433	4.2359
Te-134	3.8348	3.9345	4.0591	3.8946	3.7189	3.8689	4.0784	3.9451
Th-223	1.7975	1.6988	2.0152	2.1507	1.5582	1.5620	1.9356	2.1293
Th-224	0.2843	0.2807	0.3093	0.3141	0.2613	0.2670	0.3040	0.3140
Th-226	0.2310	0.2089	0.2663	0.2972	0.1860	0.1828	0.2512	0.2920
Th-227	2.0372	1.8696	2.3299	2.5637	1.6786	1.6667	2.2155	2.5275
Th-228	0.1902	0.1591	0.2298	0.2734	0.1349	0.1274	0.2104	0.2657
Th-229	2.8268	2.5541	3.2661	3.6459	2.2874	2.2523	3.0829	3.5847
Th-230	0.6895	0.6843	0.7062	0.7295	0.6835	0.6758	0.6696	0.6603
Th-231	1.5656	1.3310	1.8595	2.1856	1.1414	1.0809	1.7064	2.1227
Th-232	1.0829	1.1139	1.1215	1.0981	1.0694	1.1006	1.1773	1.0498

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Th-233	0.4814	0.4259	0.5657	0.6425	0.3815	0.3744	0.5334	0.6339
Th-234	0.3580	0.3282	0.4069	0.4483	0.2956	0.2915	0.3855	0.4405
Th-235	0.1773	0.1806	0.1900	0.1840	0.1694	0.1769	0.1910	0.1869
Th-236	0.3652	0.3495	0.4059	0.4271	0.3201	0.3230	0.3926	0.4242
Ti-44	3.2323	3.2702	3.4362	3.3675	3.1273	3.2056	3.3983	3.3789
Ti-45	0.0227	0.0170	0.0301	0.0381	0.0148	0.0139	0.0277	0.0378
Ti-51	1.7341	1.7950	1.8359	1.7438	1.6934	1.7710	1.8521	1.7750
Ti-52	2.2599	2.2567	2.4292	2.4275	2.1198	2.1617	2.3904	2.4348
Tl-190	2.5538	2.5756	2.7589	2.7113	2.4210	2.5170	2.7591	2.7479
Tl-190m	6.4996	6.6237	6.9755	6.7493	6.2322	6.5160	7.0239	6.8673
Tl-194	2.8225	2.8066	3.0783	3.0848	2.6336	2.7198	3.0539	3.1117
Tl-194m	8.6128	8.6741	9.3215	9.1753	8.1443	8.4726	9.3252	9.2991
Tl-195	4.0211	3.8649	4.5012	4.6947	3.5947	3.6836	4.4173	4.7182
Tl-196	4.4886	4.5017	4.8688	4.8129	4.2293	4.4017	4.8730	4.8847
Tl-197	3.1388	3.0381	3.4821	3.6111	2.8423	2.8989	3.4071	3.6159
Tl-198	4.9339	4.9438	5.3556	5.2994	4.6439	4.8338	5.3604	5.3794
Tl-198m	5.8340	5.7704	6.3974	6.4569	5.3954	5.5696	6.3375	6.5089
Tl-199	3.0600	2.9459	3.4049	3.5577	2.7541	2.7981	3.3182	3.5532
Tl-200	4.6599	4.6521	5.0699	5.0497	4.3667	4.5252	5.0487	5.1081
Tl-201	2.4878	2.3232	2.8266	3.0543	2.1584	2.1657	2.7191	3.0337
Tl-202	3.1869	3.1275	3.5052	3.5748	2.9300	3.0054	3.4503	3.5907
Tl-204	0.0396	0.0363	0.0455	0.0500	0.0336	0.0335	0.0435	0.0496
Tl-206m	8.5897	8.7917	9.1787	8.8367	8.2796	8.6573	9.2475	8.9895
Tl-206	0.0019	0.0018	0.0021	0.0023	0.0017	0.0017	0.0021	0.0023
Tl-207	0.0044	0.0046	0.0047	0.0044	0.0043	0.0046	0.0048	0.0045
Tl-208	3.6693	3.7958	3.8947	3.6604	3.5831	3.8051	4.0025	3.7814
Tl-209	5.1525	5.2871	5.4815	5.2482	4.9972	5.2306	5.5428	5.3573
Tl-210	5.4223	5.5323	5.8243	5.6119	5.1904	5.4573	5.8929	5.7359
Tm-161	6.3513	6.2619	6.8543	6.9615	5.9396	6.0737	6.7707	6.9808
Tm-162	3.3437	3.3513	3.5982	3.5592	3.1692	3.2942	3.6094	3.6124
Tm-163	5.3247	5.3019	5.7264	5.7336	5.0244	5.1733	5.6940	5.7767
Tm-164	1.4827	1.4474	1.6142	1.6578	1.3699	1.3997	1.5912	1.6631
Tm-165	4.2103	4.1793	4.5356	4.5698	3.9573	4.0583	4.4891	4.5878
Tm-166	5.0381	5.0397	5.4367	5.3946	4.7597	4.9418	5.4417	5.4680
Tm-167	2.7016	2.6093	2.9611	3.0907	2.4659	2.4986	2.8937	3.0822
Tm-168	5.7803	5.7953	6.2281	6.1770	5.4741	5.6624	6.2087	6.2374
Tm-170	0.1341	0.1223	0.1546	0.1711	0.1140	0.1136	0.1480	0.1701
Tm-171	0.0209	0.0196	0.0234	0.0253	0.0184	0.0185	0.0226	0.0251
Tm-172	1.0049	0.9857	1.1091	1.1263	0.9244	0.9589	1.1052	1.1439
Tm-173	1.6857	1.7261	1.7971	1.7319	1.6286	1.6992	1.8086	1.7601

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tm-174	7.2340	7.3546	7.7529	7.5448	6.9371	7.2240	7.7821	7.6595
Tm-175	2.9200	2.9920	3.1187	2.9890	2.8206	2.9588	3.1546	3.0525
Tm-176	5.0925	5.1595	5.4725	5.3393	4.8666	5.0793	5.5054	5.4328
U-227	1.8150	1.7385	2.0147	2.1197	1.5950	1.6085	1.9478	2.1037
U-228	0.2210	0.1920	0.2597	0.2999	0.1657	0.1588	0.2403	0.2924
U-230	0.2194	0.1823	0.2643	0.3160	0.1525	0.1424	0.2405	0.3062
U-231	3.2390	2.9121	3.7265	4.1802	2.5815	2.5191	3.4944	4.0904
U-232	0.2007	0.1643	0.2438	0.2945	0.1360	0.1258	0.2207	0.2849
U-233	0.1055	0.0857	0.1290	0.1567	0.0710	0.0658	0.1168	0.1517
U-234	0.5843	0.5771	0.5968	0.6047	0.5789	0.5707	0.5825	0.5658
U-235	1.2118	1.2292	1.2725	1.2250	1.1937	1.1899	1.2420	1.2509
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1645	0.1341	0.2004	0.2428	0.1106	0.1021	0.1812	0.2348
U-237	3.1893	3.0293	3.5365	3.7571	2.7796	2.7818	3.4037	3.7166
U-238	0.7959	0.8056	0.7746	0.8225	0.7875	0.7963	0.8220	0.7620
U-239	1.1396	1.1200	1.2341	1.2558	1.0492	1.0621	1.2006	1.2492
U-240	0.5743	0.4847	0.6852	0.8097	0.4135	0.3900	0.6276	0.7874
U-242	0.3963	0.3977	0.4226	0.4197	0.3751	0.3842	0.4183	0.4201
V-47	0.0155	0.0142	0.0181	0.0198	0.0130	0.0133	0.0177	0.0200
V-48	3.4416	3.5569	3.6722	3.4528	3.3474	3.5586	3.7664	3.5708
V-49	0.1451	0.0960	0.2033	0.2726	0.0801	0.0702	0.1820	0.2683
V-50	1.6633	1.6877	1.8014	1.7407	1.5831	1.6791	1.8415	1.7987
V-52	1.5686	1.6352	1.6595	1.5384	1.5422	1.6491	1.7195	1.6018
V-53	1.6720	1.7404	1.7736	1.6489	1.6401	1.7441	1.8197	1.7051
W-177	6.6698	6.5109	7.3260	7.5333	6.1339	6.2704	7.2147	7.5612
W-178	0.6897	0.5895	0.8314	0.9733	0.5395	0.5264	0.7833	0.9631
W-179	2.0080	1.8213	2.3042	2.5681	1.6970	1.6804	2.2033	2.5419
W-179m	1.3440	1.2546	1.5197	1.6464	1.1753	1.1796	1.4699	1.6378
W-181	1.3447	1.2417	1.5273	1.6737	1.1635	1.1615	1.4710	1.6614
W-185m	1.1744	0.9316	1.4946	1.8378	0.8283	0.7891	1.3837	1.8162
W-185	0.0012	0.0012	0.0014	0.0014	0.0011	0.0011	0.0013	0.0014
W-187	1.9511	1.9652	2.1029	2.0715	1.8547	1.9236	2.1028	2.0964
W-188	0.0182	0.0178	0.0200	0.0205	0.0168	0.0172	0.0197	0.0206
W-190	3.2308	3.0993	3.5829	3.7706	2.9177	2.9527	3.4987	3.7618
Xe-120	3.1631	3.1317	3.3517	3.3778	2.9470	2.9777	3.2820	3.3494
Xe-121	2.4514	2.4835	2.5935	2.5283	2.3452	2.4245	2.5958	2.5519
Xe-122	1.2440	1.2084	1.3180	1.3633	1.1355	1.1283	1.2736	1.3370
Xe-123	2.6461	2.6572	2.7978	2.7724	2.5107	2.5632	2.7693	2.7704
Xe-125	3.1497	3.1463	3.3293	3.3262	2.9702	3.0174	3.2783	3.3076
Xe-127	3.3151	3.3320	3.5054	3.4746	3.1474	3.2126	3.4653	3.4661

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-127m	2.7831	2.8047	2.9450	2.9101	2.6610	2.7163	2.9133	2.9103
Xe-129m	1.8179	1.7446	1.9299	2.0272	1.6432	1.6194	1.8543	1.9781
Xe-131m	0.7632	0.7261	0.8166	0.8667	0.6820	0.6702	0.7822	0.8456
Xe-133	1.3181	1.3060	1.3962	1.4066	1.2422	1.2518	1.3620	1.3931
Xe-133m	0.9108	0.8807	0.9696	1.0094	0.8288	0.8234	0.9369	0.9902
Xe-135	1.6929	1.7425	1.7902	1.7182	1.6476	1.7147	1.8001	1.7407
Xe-135m	1.4152	1.4532	1.5011	1.4352	1.3695	1.4305	1.5147	1.4595
Xe-137	0.5439	0.5635	0.5765	0.5442	0.5314	0.5588	0.5852	0.5568
Xe-138	2.1123	2.1516	2.2652	2.1910	2.0263	2.1277	2.2932	2.2397
Y-81	2.4302	2.3957	2.6398	2.6818	2.2206	2.2582	2.5766	2.6706
Y-83	1.5092	1.4512	1.6598	1.7321	1.3093	1.3246	1.6086	1.7130
Y-83m	1.6151	1.6214	1.7382	1.7243	1.5015	1.5472	1.7212	1.7317
Y-84m	5.2980	5.4979	5.6289	5.2684	5.1727	5.4858	5.7575	5.4282
Y-85	1.3672	1.3670	1.4829	1.4719	1.2585	1.3035	1.4719	1.4825
Y-85m	1.5306	1.5240	1.6618	1.6573	1.4009	1.4539	1.6531	1.6708
Y-86	5.6392	5.7589	6.0431	5.8013	5.3689	5.6542	6.1220	5.9299
Y-86m	1.9144	1.9595	2.0323	1.9666	1.8499	1.9198	2.0355	1.9850
Y-87	2.1741	2.1026	2.4028	2.4916	1.8931	1.9257	2.3343	2.4742
Y-87m	1.4119	1.4338	1.5114	1.4736	1.3349	1.3848	1.5081	1.4888
Y-88	3.8164	3.8200	4.1399	4.0811	3.5145	3.6824	4.1551	4.1466
Y-89m	1.6212	1.6856	1.7212	1.6050	1.5873	1.6846	1.7612	1.6551
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.4026	3.4997	3.6084	3.4575	3.2995	3.4398	3.6301	3.5053
Y-91	0.0042	0.0043	0.0044	0.0041	0.0041	0.0044	0.0046	0.0043
Y-91m	1.5249	1.5751	1.6207	1.5355	1.4803	1.5563	1.6441	1.5691
Y-92	0.4259	0.4430	0.4517	0.4213	0.4174	0.4431	0.4628	0.4348
Y-93	0.2208	0.2286	0.2337	0.2210	0.2157	0.2270	0.2376	0.2263
Y-94	1.2629	1.3138	1.3396	1.2482	1.2382	1.3152	1.3731	1.2886
Y-95	0.9307	0.9689	0.9844	0.9122	0.9155	0.9810	1.0212	0.9508
Yb-162	3.4436	3.3931	3.7278	3.7971	3.2157	3.2803	3.6726	3.8027
Yb-163	2.4450	2.3586	2.6985	2.8113	2.2209	2.2648	2.6497	2.8194
Yb-164	1.4584	1.3949	1.5983	1.6883	1.3228	1.3315	1.5543	1.6782
Yb-165	3.8551	3.6301	4.3170	4.6273	3.4159	3.4360	4.1792	4.6099
Yb-166	2.7487	2.6367	3.0093	3.1665	2.5021	2.5207	2.9270	3.1493
Yb-167	5.9067	5.7102	6.4718	6.7487	5.4049	5.4716	6.3226	6.7338
Yb-169	6.5888	6.4460	7.1449	7.3476	6.1153	6.2142	7.0144	7.3363
Yb-175	0.2717	0.2741	0.2913	0.2873	0.2592	0.2678	0.2904	0.2899
Yb-177	0.9900	0.9981	1.0598	1.0449	0.9459	0.9772	1.0585	1.0555
Yb-178	0.1903	0.1922	0.2051	0.2016	0.1808	0.1877	0.2050	0.2043
Yb-179	3.1217	3.2081	3.3252	3.1796	3.0254	3.1716	3.3653	3.2424

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-60	1.9070	1.9544	2.0293	1.9505	1.8467	1.9300	2.0495	1.9831
Zn-61	0.7048	0.7297	0.7490	0.7039	0.6880	0.7304	0.7683	0.7270
Zn-62	1.9018	1.7598	2.1898	2.3804	1.6270	1.6458	2.1239	2.3827
Zn-63	0.3076	0.3062	0.3385	0.3368	0.2860	0.2996	0.3401	0.3438
Zn-65	1.3141	1.1822	1.5607	1.7331	1.0788	1.0978	1.5137	1.7477
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	1.5030	1.5458	1.6033	1.5326	1.4558	1.5254	1.6194	1.5633
Zn-71	0.8432	0.8740	0.8942	0.8423	0.8245	0.8682	0.9089	0.8629
Zn-71m	4.7717	4.9448	5.0587	4.7758	4.6637	4.9042	5.1363	4.8840
Zn-72	2.7173	2.5398	3.0977	3.3466	2.3550	2.3699	2.9954	3.3420
Zr-85	1.4591	1.5010	1.5529	1.4811	1.4081	1.4767	1.5700	1.5111
Zr-86	3.5209	3.3791	3.8563	4.0453	3.0326	3.0323	3.7042	3.9840
Zr-87	0.2594	0.2447	0.2885	0.3066	0.2149	0.2152	0.2767	0.3028
Zr-88	2.3423	2.2879	2.5581	2.6226	2.0700	2.1020	2.4901	2.6087
Zr-89	2.2545	2.2371	2.4503	2.4462	2.0402	2.1081	2.4250	2.4632
Zr-89m	1.5778	1.6261	1.6786	1.5946	1.5251	1.6035	1.7032	1.6295
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5728	1.6347	1.6692	1.5623	1.5399	1.6299	1.7047	1.6052
Zr-97	1.8771	1.9483	1.9924	1.8689	1.8341	1.9394	2.0328	1.9193

Table 6: Adobe 1 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2283	0.2698	0.4178	0.5377
Ac-224	3.1128	3.3687	4.0145	4.3872
Ac-225	0.3136	0.3715	0.5765	0.7418
Ac-226	1.3825	1.4944	1.7694	1.9131
Ac-227	0.0402	0.0569	0.1281	0.1909
Ac-228	2.0835	2.3005	2.7353	2.9207
Ac-230	0.8760	0.9799	1.1880	1.2791
Ac-231	3.1772	3.4036	3.8491	4.0004
Ac-232	1.4564	1.6283	1.9237	2.0179
Ac-233	1.4084	1.5248	1.6928	1.7009
Ag-100m	2.7558	2.9939	3.1936	3.0465
Ag-101	2.2919	2.4490	2.6704	2.6390
Ag-102m	1.7062	1.8638	2.0180	1.9509
Ag-102	4.1183	4.4632	4.7935	4.6161
Ag-103	2.5554	2.7004	3.0254	3.0852
Ag-104	5.0462	5.4424	5.9456	5.8421
Ag-104m	2.0335	2.1923	2.4022	2.3611
Ag-105	2.6465	2.7989	3.1946	3.2966
Ag-105m	0.0158	0.0222	0.0508	0.0765
Ag-106	0.4805	0.5083	0.6170	0.6643
Ag-106m	6.1298	6.5954	7.1991	7.0811
Ag-108	0.0519	0.0554	0.0638	0.0656
Ag-108m	4.6207	4.9484	5.4428	5.3943
Ag-109m	0.3302	0.3450	0.4615	0.5379
Ag-110	0.0706	0.0761	0.0817	0.0785
Ag-110m	4.8396	5.2462	5.5814	5.3329
Ag-111	0.1300	0.1380	0.1475	0.1443
Ag-111m	0.1745	0.1853	0.2617	0.3156
Ag-112	1.0989	1.1914	1.2678	1.2056
Ag-113m	0.9275	0.9891	1.0891	1.0924
Ag-113	0.2900	0.3084	0.3299	0.3220
Ag-114	0.4547	0.4915	0.5229	0.4996
Ag-115	1.0405	1.1151	1.1891	1.1536
Ag-116	2.6560	2.8881	3.0683	2.9238
Ag-117	2.0657	2.2206	2.3684	2.2887
Ag-99	2.8742	3.0905	3.3196	3.2286
Al-26	1.4796	1.6347	1.7305	1.6210
Al-28	1.4424	1.5930	1.6854	1.5773
Al-29	1.5114	1.6591	1.7590	1.6565

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	3.2071	3.4716	4.1731	4.5565
Am-238	3.1235	3.4087	4.0545	4.3595
Am-239	3.6050	3.9347	4.9496	5.6072
Am-240	3.2664	3.5980	4.4058	4.8364
Am-241	0.5964	0.6010	0.5674	0.6119
Am-242	0.4363	0.4935	0.7253	0.8989
Am-242m	0.2081	0.2552	0.4721	0.6485
Am-243	1.3144	1.3975	1.6124	1.7266
Am-244	2.7116	3.0008	3.8473	4.3398
Am-244m	0.1390	0.1620	0.2625	0.3393
Am-245	0.3987	0.4309	0.5264	0.5822
Am-246	3.8039	4.1822	5.3631	6.0705
Am-246m	1.8395	2.0210	2.3357	2.4203
Am-247	1.4984	1.6111	1.9168	2.0779
Ar-37	0.0126	0.0203	0.0554	0.0875
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4876	1.6316	1.7305	1.6305
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8007	1.9676	2.0870	1.9810
Ar-44	2.8701	3.0989	3.2862	3.1506
As-68	3.5362	3.8577	4.1024	3.9062
As-69	0.5478	0.5955	0.6912	0.7314
As-70	4.6227	5.0474	5.4160	5.2111
As-71	1.9674	2.1730	2.7694	3.1674
As-72	1.4941	1.6367	1.8171	1.8207
As-73	0.6042	0.8882	2.1423	3.2855
As-74	1.1991	1.3326	1.6252	1.7644
As-76	0.9068	0.9775	1.0410	0.9970
As-77	0.0487	0.0517	0.0559	0.0557
As-78	2.0631	2.2388	2.3812	2.2664
As-79	0.0918	0.0985	0.1048	0.1014
At-204	6.3358	6.8447	7.5731	7.6191
At-205	3.2562	3.5441	4.0854	4.2951
At-206	6.5767	7.1045	7.8409	7.8810
At-207	5.0571	5.5028	6.2334	6.4291
At-208	7.8843	8.5501	9.5448	9.6879
At-209	7.1299	7.7379	8.7534	9.0402
At-210	6.0505	6.6123	7.4917	7.7017
At-211	0.7550	0.8313	1.0520	1.2092
At-215	0.0007	0.0008	0.0009	0.0009

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0409	0.0444	0.0534	0.0591
At-217	0.0017	0.0018	0.0020	0.0021
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.3792	2.5379	2.7736	2.7817
Au-186	3.8145	4.0987	4.5796	4.7060
Au-187	2.9365	3.2207	3.8647	4.2234
Au-190	4.4414	4.8077	5.3707	5.4796
Au-191	3.7120	4.0210	4.7473	5.1442
Au-192	4.1299	4.4738	5.0312	5.1688
Au-193	2.4017	2.6036	3.1671	3.5476
Au-193m	1.6310	1.8013	2.2804	2.6028
Au-194	3.3272	3.5977	4.1093	4.3027
Au-195	1.9194	2.1304	2.8275	3.3748
Au-195m	1.6477	1.8199	2.3031	2.6278
Au-196	3.0769	3.3075	3.7892	3.9980
Au-196m	3.5771	3.9621	5.1528	6.0249
Au-198	1.4536	1.5546	1.6674	1.6312
Au-198m	6.1043	6.5583	7.6142	8.1771
Au-199	1.2319	1.3239	1.5497	1.6687
Au-200	0.5553	0.5995	0.6423	0.6219
Au-200m	7.3954	7.9194	8.6211	8.5768
Au-201	0.1531	0.1723	0.2278	0.2661
Au-202	0.3488	0.3768	0.4027	0.3892
Ba-124	1.9472	2.0402	2.3076	2.3996
Ba-126	2.4246	2.5541	2.8542	2.9245
Ba-127	1.0941	1.1403	1.3008	1.3688
Ba-128	1.0275	1.0592	1.2595	1.3746
Ba-129	1.1653	1.2121	1.4149	1.5187
Ba-129m	4.7858	5.0988	5.6358	5.6885
Ba-131	3.0746	3.2219	3.5961	3.6978
Ba-131m	1.5245	1.5939	1.8220	1.9375
Ba-133	3.4021	3.5532	3.9940	4.1424
Ba-133m	0.9114	0.9656	1.2219	1.3972
Ba-135m	0.8348	0.8647	1.0217	1.1096
Ba-137m	1.4204	1.5275	1.6404	1.5831
Ba-139	0.4911	0.5142	0.5551	0.5543
Ba-140	0.8264	0.9005	1.1129	1.2365
Ba-141	3.0723	3.2715	3.4975	3.4175
Ba-142	2.6431	2.8270	3.0405	2.9814

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1507	0.1613	0.1717	0.1660
Bi-197	3.6979	4.0458	4.6610	4.8891
Bi-200	7.4321	8.0234	8.9193	9.0694
Bi-201	3.7826	4.1359	4.7341	4.9354
Bi-202	6.8977	7.4718	8.2820	8.3620
Bi-203	4.6712	5.1020	5.7674	5.9313
Bi-204	6.9366	7.5346	8.3966	8.5262
Bi-205	3.5118	3.8500	4.4396	4.6497
Bi-206	8.0410	8.7215	9.7048	9.8445
Bi-207	4.0524	4.4139	5.0116	5.1776
Bi-208	2.2038	2.4687	2.8981	3.0614
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5802	1.6842	1.8529	1.8743
Bi-211	0.2448	0.2617	0.2884	0.2915
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2303	0.2661	0.3645	0.4331
Bi-213	0.4769	0.5120	0.5601	0.5599
Bi-214	1.9981	2.1768	2.3197	2.2099
Bi-215	1.1615	1.2472	1.3929	1.4266
Bi-216	2.1896	2.3505	2.5240	2.4567
Bk-245	3.2031	3.4506	4.1713	4.5842
Bk-246	3.1084	3.4087	4.2042	4.6394
Bk-247	1.7675	1.8759	2.1068	2.1894
Bk-248m	0.6400	0.7004	0.9113	1.0498
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5757	1.7292	1.9737	2.0203
Bk-251	1.5625	1.6968	2.1550	2.4485
Br-72	2.8651	3.1260	3.3676	3.2652
Br-73	1.7205	1.8435	2.0274	2.0538
Br-74	3.2221	3.5383	3.8061	3.6629
Br-74m	4.0154	4.3847	4.7194	4.5441
Br-75	2.1298	2.2929	2.5826	2.6576
Br-76	2.8376	3.1373	3.5512	3.6022
Br-76m	1.1008	1.2904	1.9491	2.4986
Br-77	1.4334	1.6406	2.2385	2.6694
Br-77m	0.4320	0.5383	0.8985	1.2059
Br-78	0.2251	0.2509	0.3043	0.3286
Br-80	0.1394	0.1569	0.1970	0.2189
Br-80m	0.7914	0.9742	1.6637	2.2580

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.2048	0.3046	0.6669	0.9906
Br-82	4.9189	5.3230	5.6620	5.4170
Br-83	0.0189	0.0203	0.0217	0.0211
Br-84m	4.4618	4.8385	5.1409	4.9160
Br-84	1.6321	1.7900	1.8955	1.7963
Br-85	0.1092	0.1185	0.1259	0.1206
C-10	1.4955	1.6156	1.7192	1.6462
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0224	0.0363	0.0988	0.1563
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3104	1.4335	1.5209	1.4377
Ca-49	1.3925	1.5625	1.6409	1.5241
Cd-101	3.1043	3.3293	3.6250	3.5768
Cd-102	2.4576	2.6112	2.9410	3.0001
Cd-103	2.3657	2.5555	2.8732	2.8880
Cd-104	1.9995	2.0923	2.4449	2.5947
Cd-105	1.6260	1.7496	1.9901	2.0236
Cd-107	0.9272	0.9631	1.2961	1.5118
Cd-109	0.8549	0.8884	1.2045	1.4113
Cd-111m	2.3839	2.5072	2.7663	2.8064
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0008	0.0010	0.0011
Cd-115	0.5915	0.6320	0.6800	0.6639
Cd-115m	0.0506	0.0551	0.0585	0.0559
Cd-117	2.0808	2.2404	2.3927	2.3108
Cd-117m	2.3984	2.6196	2.7792	2.6372
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5035	2.7049	2.8805	2.7662
Cd-119m	2.8321	3.0885	3.2806	3.1208
Ce-130	3.0869	3.2320	3.6038	3.7135
Ce-131	3.4178	3.6437	4.0436	4.0972
Ce-132	2.9712	3.1046	3.4404	3.5325
Ce-133	2.5285	2.6195	2.9616	3.1184
Ce-133m	4.8221	5.1170	5.6023	5.6123
Ce-134	0.8430	0.8659	1.0475	1.1660
Ce-135	3.5377	3.7385	4.1254	4.1715
Ce-137	0.9134	0.9600	1.2439	1.4532
Ce-137m	0.8317	0.8636	1.0171	1.1065
Ce-139	2.3439	2.4409	2.7440	2.8559

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	1.0766	1.1237	1.2182	1.2266
Ce-143	1.8999	1.9913	2.2060	2.2599
Ce-144	0.3281	0.3416	0.3755	0.3849
Ce-145	2.9913	3.1639	3.4887	3.5345
Cf-244	0.0771	0.0924	0.1655	0.2237
Cf-246	0.0533	0.0637	0.1138	0.1535
Cf-247	1.9653	2.1722	2.9619	3.5212
Cf-248	0.0642	0.0767	0.1364	0.1838
Cf-249	1.5792	1.7040	1.9713	2.0665
Cf-250	0.0648	0.0756	0.1223	0.1579
Cf-251	1.8316	1.9837	2.4622	2.7553
Cf-252	0.7916	0.8592	0.9557	0.9594
Cf-253	0.1778	0.2095	0.3706	0.4989
Cf-254	27.3348	29.4733	31.3459	30.1498
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.7361	1.8796	1.9907	1.9034
Cl-36	0.0002	0.0003	0.0008	0.0012
Cl-38	1.0628	1.1759	1.2431	1.1623
Cl-39	2.2114	2.3969	2.5471	2.4335
Cl-40	2.8119	3.1083	3.2858	3.0814
Cm-238	1.5127	1.6360	2.0100	2.2411
Cm-239	3.4672	3.7093	4.3138	4.6061
Cm-240	0.0831	0.1022	0.1877	0.2567
Cm-241	3.4435	3.7700	4.7175	5.2880
Cm-242	0.0745	0.0917	0.1685	0.2304
Cm-243	1.7411	1.9134	2.4603	2.8264
Cm-244	0.0639	0.0787	0.1447	0.1979
Cm-245	1.9086	2.0800	2.6113	2.9558
Cm-246	0.0569	0.0691	0.1220	0.1642
Cm-247	1.2343	1.3183	1.4172	1.3909
Cm-248	2.1786	2.3563	2.5517	2.4983
Cm-249	0.0980	0.1258	0.2366	0.3321
Cm-250	21.5699	23.2598	24.7457	23.8089
Cm-251	0.4521	0.4884	0.5641	0.5903
Co-54m	4.3943	4.7760	5.0742	4.8376
Co-55	1.9765	2.1584	2.3501	2.3063
Co-56	3.8320	4.2327	4.6806	4.6400
Co-57	1.9543	2.1488	2.7584	3.1903
Co-58	1.5881	1.7608	2.0748	2.2009

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0902	0.1457	0.3962	0.6262
Co-60	3.0145	3.3028	3.5037	3.3094
Co-60m	0.1320	0.1944	0.4708	0.7228
Co-61	1.3543	1.4148	1.5025	1.5099
Co-62	1.7405	1.9092	2.0238	1.9124
Co-62m	3.0987	3.3962	3.6012	3.4048
Cr-48	3.4089	3.6145	3.9651	4.0231
Cr-49	1.6961	1.7724	1.8750	1.8588
Cr-51	0.2100	0.2511	0.4043	0.5301
Cr-55	0.0006	0.0007	0.0008	0.0007
Cr-56	1.9778	2.0723	2.3480	2.4801
Cs-121	1.2073	1.2746	1.3826	1.3771
Cs-121m	2.2594	2.3859	2.5911	2.5898
Cs-123	1.7079	1.7952	1.9788	2.0064
Cs-124	0.6175	0.6582	0.7123	0.7018
Cs-125	1.3873	1.4596	1.6359	1.6775
Cs-126	1.0186	1.0840	1.1790	1.1692
Cs-127	2.2019	2.3100	2.5904	2.6651
Cs-128	0.7185	0.7580	0.8470	0.8646
Cs-129	2.0148	2.0978	2.4105	2.5407
Cs-130m	1.7281	1.7946	2.1067	2.2877
Cs-130	0.4976	0.5125	0.6155	0.6750
Cs-131	0.7342	0.7490	0.9233	1.0379
Cs-132	2.2672	2.4022	2.6836	2.7187
Cs-134	3.3238	3.5868	3.8182	3.6606
Cs-134m	0.5967	0.6422	0.8562	1.0167
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.9773	3.2230	3.4297	3.3003
Cs-136	4.5491	4.8960	5.2213	5.0525
Cs-137	1.1301	1.1518	1.2758	1.3747
Cs-138m	1.3648	1.4451	1.6299	1.6815
Cs-138	2.9150	3.1774	3.3737	3.2078
Cs-139	0.3000	0.3291	0.3488	0.3289
Cs-140	1.9855	2.1669	2.2998	2.1791
Cu-57	0.1548	0.1693	0.1800	0.1715
Cu-59	0.7463	0.8097	0.8664	0.8348
Cu-60	2.9541	3.2489	3.4683	3.2971
Cu-61	0.6200	0.6889	0.8615	0.9634
Cu-62	0.0116	0.0141	0.0222	0.0286
Cu-64	0.0609	0.0948	0.2453	0.3825

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1467	0.1599	0.1698	0.1621
Cu-67	1.3270	1.4066	1.5535	1.5942
Cu-69	0.8777	0.9532	1.0128	0.9686
Dy-148	2.5379	2.7070	3.0031	3.0456
Dy-149	4.0041	4.2809	4.7197	4.7784
Dy-150	1.6132	1.7110	1.9010	1.9506
Dy-151	3.7004	3.9780	4.4549	4.5610
Dy-152	2.6071	2.7513	3.0594	3.1557
Dy-153	4.6976	4.9747	5.5650	5.7689
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	3.3022	3.5008	3.8731	3.9654
Dy-157	2.6618	2.8123	3.1298	3.2216
Dy-159	1.3035	1.3705	1.6117	1.7672
Dy-165m	0.2658	0.3058	0.4625	0.5929
Dy-165	0.2489	0.2632	0.2960	0.3099
Dy-166	1.0236	1.0933	1.3234	1.4805
Dy-167	2.3401	2.4925	2.7200	2.7202
Dy-168	2.1981	2.3403	2.5986	2.6598
Er-154	1.3859	1.4729	1.8442	2.1118
Er-156	1.6896	1.8404	2.4565	2.9369
Er-159	3.1206	3.3386	3.7180	3.7954
Er-161	3.2564	3.4940	3.9267	4.0570
Er-163	1.1098	1.1741	1.3898	1.5309
Er-165	1.0681	1.1311	1.3446	1.4860
Er-167m	1.0443	1.1161	1.2821	1.3639
Er-169	0.0026	0.0042	0.0115	0.0181
Er-171	2.8520	3.0263	3.3543	3.4363
Er-172	2.4788	2.6476	2.9560	3.0348
Er-173	4.4589	4.7419	5.2030	5.2882
Es-249	2.8314	3.0467	3.6154	3.8937
Es-250	7.3293	8.0015	10.1546	11.4567
Es-250m	2.4378	2.6394	3.1716	3.4399
Es-251	1.8701	2.0507	2.7111	3.1608
Es-253	0.0220	0.0262	0.0461	0.0620
Es-254	0.7233	0.8883	1.6572	2.2894
Es-254m	1.3544	1.4780	1.7712	1.8873
Es-255	0.0011	0.0012	0.0013	0.0012
Es-256	0.1143	0.1309	0.2204	0.2900
Eu-142	0.3725	0.4027	0.4353	0.4261
Eu-142m	5.0857	5.5167	5.9858	5.8673

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6775	0.7256	0.8003	0.8074
Eu-144	0.3010	0.3238	0.3571	0.3586
Eu-145	2.7537	2.9489	3.2402	3.2557
Eu-146	5.0170	5.3939	5.8399	5.7295
Eu-147	2.7888	2.9376	3.2605	3.3597
Eu-148	5.8016	6.2166	6.7268	6.6049
Eu-149	1.1579	1.2241	1.4895	1.6704
Eu-150	5.3969	5.7494	6.2341	6.1779
Eu-150m	0.2262	0.2388	0.2655	0.2727
Eu-152	3.4604	3.6878	4.0315	4.0450
Eu-152m	0.9347	0.9950	1.0952	1.1097
Eu-152n	1.5629	1.6720	1.9870	2.1878
Eu-154	2.9913	3.2107	3.4691	3.4186
Eu-154m	1.6363	1.7605	2.1962	2.5126
Eu-155	1.2375	1.2979	1.4294	1.4781
Eu-156	1.7838	1.9393	2.0972	2.0473
Eu-157	2.0825	2.2143	2.5351	2.6866
Eu-158	2.3505	2.5493	2.7845	2.7603
Eu-159	2.4245	2.5526	2.8575	2.9807
F-17	0.0005	0.0006	0.0006	0.0006
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.8476	1.9589	2.1747	2.2284
Fe-53	0.6481	0.6927	0.7438	0.7280
Fe-53m	4.3362	4.7244	5.0184	4.7722
Fe-55	0.0746	0.1207	0.3284	0.5193
Fe-59	1.5983	1.7453	1.8521	1.7581
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1488	2.3316	2.4761	2.3664
Fe-62	1.4414	1.5448	1.6442	1.5872
Fm-251	1.8626	2.0230	2.5617	2.9061
Fm-252	0.0583	0.0679	0.1168	0.1549
Fm-253	1.3699	1.5192	2.1425	2.5912
Fm-254	0.0699	0.0805	0.1306	0.1686
Fm-255	0.6088	0.7293	1.3082	1.7718
Fm-256	20.3254	21.9149	23.3197	22.4423
Fm-257	1.9407	2.1094	2.6990	3.0769
Fr-212	3.4322	3.7557	4.4082	4.7036
Fr-219	0.0179	0.0192	0.0212	0.0215
Fr-220	0.2077	0.2388	0.3429	0.4251
Fr-221	0.2740	0.2930	0.3297	0.3429

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.5891	1.7342	2.1028	2.3181
Fr-223	1.0740	1.1761	1.5007	1.7268
Fr-224	1.8203	1.9713	2.2428	2.3286
Fr-227	2.8576	3.0686	3.4909	3.6561
Ga-64	2.1640	2.3790	2.5298	2.4050
Ga-65	1.7601	1.8959	2.2242	2.4030
Ga-66	1.4777	1.6682	1.9615	2.0563
Ga-67	1.7159	1.9263	2.6250	3.1578
Ga-68	0.0734	0.0898	0.1443	0.1879
Ga-70	0.0162	0.0178	0.0209	0.0222
Ga-72	3.3129	3.6133	3.8370	3.6538
Ga-73	2.0008	2.2540	3.0450	3.6140
Ga-74	3.6348	3.9634	4.2074	3.9886
Gd-142	1.5836	1.6850	1.8475	1.8597
Gd-143m	4.1856	4.4629	4.8661	4.8618
Gd-144	1.0417	1.1091	1.2406	1.2770
Gd-145m	1.5927	1.7352	1.9886	2.0603
Gd-145	2.4215	2.6282	2.8604	2.8165
Gd-146	4.7369	4.9490	5.5078	5.7342
Gd-147	4.9956	5.3179	5.7903	5.7916
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.6385	3.8338	4.2331	4.3268
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3959	1.4815	1.8040	2.0226
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.4687	2.5773	2.9016	3.0667
Gd-159	0.4700	0.4958	0.5571	0.5813
Gd-162	1.5272	1.6396	1.8038	1.8103
Ge-66	2.4470	2.6941	3.4108	3.8841
Ge-67	1.9852	2.1099	2.2863	2.2750
Ge-68	0.1836	0.2968	0.8059	1.2736
Ge-69	1.2494	1.4345	1.9076	2.2141
Ge-71	0.1862	0.3010	0.8174	1.2917
Ge-75	0.2155	0.2281	0.2439	0.2401
Ge-77	3.6962	3.9448	4.2164	4.1196
Ge-78	1.6112	1.7058	1.8223	1.7871
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8672	1.9871	2.2424	2.3397
Hf-169	2.6717	2.8579	3.2312	3.3712
Hf-170	3.6113	3.8762	4.5469	4.9154

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.5831	2.8049	3.5986	4.1938
Hf-173	4.5124	4.7785	5.3540	5.5787
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.8005	2.9897	3.4187	3.6142
Hf-177m	16.0683	17.1163	19.0672	19.6106
Hf-178m	11.5047	12.2996	13.6321	13.8968
Hf-179m	6.4859	6.9387	7.8945	8.2850
Hf-180m	5.9076	6.3015	6.9956	7.1656
Hf-181	2.8453	3.0424	3.4036	3.5042
Hf-182	1.6979	1.8016	1.9735	1.9946
Hf-182m	4.9607	5.3161	6.0228	6.2907
Hf-183	2.6127	2.7934	3.0345	3.0353
Hf-184	2.5132	2.7955	3.7358	4.4357
Hg-190	3.2719	3.5422	4.2968	4.7867
Hg-191m	5.5750	6.0406	6.9672	7.3529
Hg-192	3.1982	3.4813	4.2645	4.7799
Hg-193	3.2748	3.5815	4.2989	4.7119
Hg-193m	3.2722	3.5552	4.0970	4.3165
Hg-194	0.1131	0.1776	0.4503	0.6987
Hg-195	1.8757	2.0859	2.7321	3.2174
Hg-195m	1.8626	2.1321	3.0349	3.7481
Hg-197	1.6928	1.8826	2.5027	2.9867
Hg-197m	1.5744	1.7577	2.3494	2.7988
Hg-199m	2.3026	2.5018	3.0465	3.3917
Hg-203	1.5486	1.6485	1.8113	1.8319
Hg-205	0.0528	0.0563	0.0626	0.0648
Hg-206	0.7241	0.7740	0.8613	0.8805
Hg-207	4.1451	4.5048	4.8751	4.7669
Ho-150	2.2606	2.4392	2.6188	2.5482
Ho-153	2.7484	2.9201	3.2034	3.2358
Ho-153m	3.1932	3.3883	3.7447	3.8234
Ho-154m	6.6751	7.1325	7.6881	7.5629
Ho-154	3.4927	3.7380	4.0369	3.9733
Ho-155	2.6035	2.7686	3.1586	3.3337
Ho-156	4.9100	5.2413	5.7180	5.7212
Ho-157	3.9713	4.2077	4.7531	4.9779
Ho-159	4.4777	4.7198	5.2965	5.5356
Ho-160	4.9486	5.3122	5.8722	5.9442
Ho-161	1.5868	1.6827	2.0733	2.3473
Ho-162	1.4762	1.5680	1.8612	2.0477

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.8438	3.0574	3.5999	3.8947
Ho-163	0.0030	0.0048	0.0132	0.0208
Ho-164	0.8175	0.8672	1.0396	1.1562
Ho-164m	1.3649	1.4967	2.0175	2.4311
Ho-166	0.3015	0.3300	0.4242	0.4937
Ho-166m	5.5685	5.9673	6.5287	6.5396
Ho-167	2.0611	2.1920	2.4024	2.4211
Ho-168	2.0905	2.2626	2.4996	2.5141
Ho-168m	0.2209	0.2581	0.4139	0.5478
Ho-170	4.8902	5.2584	5.7881	5.8342
I-118m	6.2781	6.7670	7.2358	6.9545
I-118	2.1425	2.3116	2.4731	2.3752
I-119	2.1073	2.2188	2.4402	2.4651
I-120	2.5874	2.8011	3.0168	2.9164
I-120m	5.3980	5.8220	6.2378	6.0025
I-121	2.4141	2.5279	2.8162	2.8971
I-122	0.4937	0.5232	0.5860	0.5954
I-123	2.3488	2.4401	2.7494	2.8547
I-124	1.9880	2.1193	2.3566	2.3668
I-125	1.3511	1.3769	1.7177	1.9439
I-126	1.4919	1.5819	1.7534	1.7673
I-128	0.2549	0.2703	0.2970	0.2977
I-129	0.7899	0.8047	0.9754	1.0842
I-130m	0.4333	0.4633	0.5557	0.6024
I-130	4.9476	5.3285	5.6747	5.4475
I-131	1.0690	1.1060	1.1703	1.2772
I-132	4.4379	4.7970	5.1052	4.8869
I-132m	1.2472	1.3364	1.5584	1.6451
I-133	1.5348	1.6492	1.7562	1.6904
I-134m	2.2601	2.3594	2.6489	2.7383
I-134	4.5937	4.9753	5.2903	5.0738
I-135	2.0108	2.1947	2.3298	2.2113
In-103	3.3450	3.5999	3.8496	3.7324
In-105	2.9717	3.1705	3.4311	3.3793
In-106	5.3939	5.8293	6.2367	6.0061
In-106m	2.4569	2.6711	2.8567	2.7268
In-107	2.6777	2.8599	3.1495	3.1508
In-108	7.0465	7.6012	8.2106	7.9910
In-108m	2.5473	2.7653	3.0106	2.9290
In-109	2.7692	2.9261	3.2722	3.3459

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.4320	1.5419	1.6527	1.5876
In-110	6.4203	6.9206	7.5241	7.3665
In-110m	1.8992	2.0431	2.2375	2.1974
In-111	3.8503	4.0406	4.4887	4.5827
In-111m	1.3413	1.4359	1.5470	1.5078
In-112	0.2928	0.3061	0.3821	0.4231
In-112m	0.6948	0.7178	0.8792	0.9730
In-113m	1.1537	1.2227	1.3520	1.3633
In-114	0.0060	0.0064	0.0076	0.0080
In-114m	0.6769	0.7092	0.8383	0.9018
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9942	1.0456	1.1830	1.2202
In-116m	3.2425	3.5365	3.7544	3.5666
In-117	3.1276	3.3133	3.5471	3.4684
In-117m	0.7642	0.8007	0.8946	0.9158
In-118m	4.1116	4.4775	4.7564	4.5252
In-118	0.1007	0.1101	0.1168	0.1106
In-119	1.6364	1.7687	1.9435	1.9299
In-119m	0.1794	0.1928	0.2318	0.2500
In-121	1.6708	1.8107	1.9254	1.8490
In-121m	0.6564	0.6772	0.7787	0.8304
Ir-180	4.0380	4.3514	4.9326	5.1269
Ir-182	3.8807	4.1811	4.7789	5.0203
Ir-183	3.8944	4.2402	5.0281	5.4600
Ir-184	5.8268	6.3001	7.1755	7.4907
Ir-185	3.4390	3.7968	4.8035	5.4977
Ir-186	5.6502	6.0953	6.9284	7.2221
Ir-186m	3.2744	3.5521	4.0642	4.2540
Ir-187	2.3662	2.5977	3.2658	3.7362
Ir-188	4.0574	4.4178	5.0443	5.2530
Ir-189	1.5738	1.7460	2.3297	2.7915
Ir-190	6.2855	6.7557	7.5638	7.7647
Ir-190m	0.1044	0.1678	0.4495	0.7080
Ir-190n	1.3211	1.4478	1.8647	2.1861
Ir-191m	1.5356	1.7166	2.3317	2.8175
Ir-192	3.6169	3.8551	4.1680	4.1195
Ir-192m	0.1226	0.1943	0.5022	0.7836
Ir-192n	0.2653	0.4147	1.0540	1.6376
Ir-193m	0.1103	0.1734	0.4515	0.7062
Ir-194	0.3321	0.3545	0.3816	0.3746

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	7.6247	8.1739	8.8305	8.6687
Ir-195	1.2643	1.3983	1.8338	2.1704
Ir-195m	2.2732	2.4611	2.8902	3.1115
Ir-196	0.6661	0.7144	0.7675	0.7506
Ir-196m	8.0858	8.6931	9.4919	9.4292
K-38	1.4165	1.5723	1.6595	1.5487
K-40	0.1585	0.1750	0.1898	0.1827
K-42	0.2717	0.2987	0.3167	0.2976
K-43	2.9492	3.1578	3.3651	3.2452
K-44	2.2403	2.4609	2.6065	2.4605
K-45	2.8345	3.0529	3.2386	3.1108
K-46	2.2116	2.4408	2.5823	2.4235
Kr-74	2.3725	2.5550	2.9487	3.1396
Kr-75	2.1948	2.3388	2.6095	2.6863
Kr-76	2.5017	2.7786	3.4804	3.9206
Kr-77	2.3668	2.5093	2.7767	2.8463
Kr-79	0.9157	1.0773	1.5507	1.9106
Kr-81	0.2432	0.3638	0.8017	1.1933
Kr-81m	1.3177	1.4201	1.6220	1.7088
Kr-83m	0.1050	0.1581	0.3590	0.5392
Kr-85	0.0063	0.0067	0.0072	0.0069
Kr-85m	1.6235	1.7142	1.8614	1.8654
Kr-87	1.1967	1.2938	1.3748	1.3195
Kr-88	2.1185	2.3178	2.5023	2.4324
Kr-89	2.5993	2.8209	3.0002	2.8734
La-128	4.8334	5.1836	5.5511	5.3886
La-129	2.0462	2.1505	2.3663	2.3977
La-130	3.4715	3.7217	4.0009	3.8997
La-131	2.6295	2.7564	3.0582	3.1279
La-132	3.0900	3.3114	3.5948	3.5378
La-132m	2.8225	2.9856	3.2991	3.3482
La-133	1.0004	1.0523	1.3283	1.5159
La-134	0.4142	0.4300	0.5049	0.5424
La-135	0.8485	0.8688	1.0524	1.1694
La-136	0.5803	0.5962	0.7171	0.7913
La-137	0.7924	0.8107	0.9888	1.1054
La-138	1.9024	2.0527	2.2557	2.2359
La-140	3.1819	3.4564	3.6751	3.5073
La-141	0.0284	0.0312	0.0330	0.0311
La-142	2.2528	2.4681	2.6167	2.4717

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3246	0.3540	0.3759	0.3565
Lu-165	3.9755	4.2427	4.7854	4.9889
Lu-167	4.2674	4.5975	5.2424	5.4719
Lu-169m	0.0753	0.1218	0.3310	0.5233
Lu-169	4.0283	4.3375	4.9216	5.1326
Lu-170	3.8860	4.2342	4.7675	4.8852
Lu-171m	0.0866	0.1357	0.3559	0.5578
Lu-171	3.4471	3.7490	4.5982	5.1299
Lu-172	5.4430	5.8852	6.6558	6.8905
Lu-172m	0.0677	0.1095	0.2976	0.4705
Lu-173	3.0834	3.2824	3.8405	4.1778
Lu-174	1.4539	1.5712	1.9469	2.2142
Lu-174m	1.5082	1.6802	2.3267	2.8517
Lu-176	3.7516	4.0078	4.5173	4.7002
Lu-176m	0.3375	0.3769	0.5175	0.6303
Lu-177	0.4164	0.4440	0.5051	0.5337
Lu-177m	8.3720	8.9038	9.9413	10.2843
Lu-178	0.3636	0.4001	0.4897	0.5434
Lu-178m	6.9554	7.4020	8.1679	8.3317
Lu-179	0.2444	0.2584	0.2784	0.2783
Lu-180	3.4129	3.6937	4.0739	4.0896
Lu-181	2.5916	2.8152	3.3316	3.5963
Mg-27	1.5369	1.6681	1.7716	1.6987
Mg-28	2.6837	2.8605	3.0926	3.0283
Mn-50m	5.0423	5.4963	5.8366	5.5519
Mn-51	0.0096	0.0114	0.0169	0.0210
Mn-52	4.5553	4.9846	5.4084	5.2671
Mn-52m	1.4820	1.6282	1.7294	1.6300
Mn-53	0.0607	0.0983	0.2674	0.4229
Mn-54	1.5703	1.7345	2.0060	2.0925
Mn-56	2.1235	2.3166	2.4570	2.3397
Mn-57	0.5834	0.6743	0.9802	1.2164
Mn-58m	3.3664	3.6644	3.8898	3.7059
Mo-101	2.6401	2.8644	3.1199	3.0678
Mo-102	0.1762	0.1855	0.1988	0.1971
Mo-89	0.3281	0.3583	0.3899	0.3792
Mo-90	3.7060	3.9654	4.5862	4.8066
Mo-91m	1.4255	1.5523	1.6727	1.6072
Mo-91	0.0398	0.0452	0.0657	0.0785
Mo-93	0.4051	0.4665	0.7694	0.9813

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	4.0483	4.3852	4.7565	4.6291
Mo-99	0.4997	0.5333	0.5802	0.5746
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.9704	1.1023	1.1553	1.0751
Na-22	1.5017	1.6467	1.7466	1.6461
Na-24	2.8700	3.1772	3.3572	3.1429
Nb-87	2.5284	2.6995	3.0725	3.2036
Nb-88m	5.4469	5.9052	6.2983	6.0470
Nb-88	6.6906	7.2523	7.9006	7.7608
Nb-89	0.5670	0.6333	0.7437	0.7694
Nb-89m	1.3766	1.4864	1.6417	1.6367
Nb-90	4.6546	5.0825	5.6167	5.5718
Nb-91	0.3848	0.4588	0.7851	1.0222
Nb-91m	0.3830	0.4393	0.7009	0.8811
Nb-92	3.3765	3.6914	4.2135	4.3010
Nb-92m	1.9532	2.1644	2.5979	2.7596
Nb-93m	0.0765	0.0901	0.1558	0.2044
Nb-94m	0.2841	0.3273	0.5371	0.6843
Nb-94	2.9836	3.2297	3.4349	3.2915
Nb-95	1.4947	1.6166	1.7188	1.6500
Nb-95m	0.7231	0.7897	1.0240	1.1584
Nb-96	4.7623	5.1493	5.4764	5.2536
Nb-97	1.4957	1.6133	1.7196	1.6424
Nb-98m	4.6764	5.0708	5.3937	5.1617
Nb-99	2.6713	2.8133	3.1369	3.2222
Nb-99m	1.0190	1.1045	1.1938	1.1631
Nd-134	2.9727	3.1120	3.4183	3.4790
Nd-135	3.3499	3.5368	3.9142	4.0029
Nd-136	2.5238	2.6336	2.9923	3.1598
Nd-137	2.9569	3.1259	3.4551	3.5107
Nd-138	0.9762	1.0082	1.1843	1.2913
Nd-139	1.0250	1.0724	1.2247	1.2914
Nd-139m	4.6017	4.8928	5.3466	5.3556
Nd-140	0.8697	0.8965	1.0641	1.1718
Nd-141	0.8978	0.9267	1.0939	1.1978
Nd-141m	1.4436	1.5575	1.6652	1.6104
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3260	1.3872	1.5292	1.5724
Nd-149	2.5020	2.6381	2.8539	2.8568
Nd-151	2.9427	3.1254	3.3465	3.2918

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.0373	1.1082	1.2541	1.2989
Ne-19	0.0003	0.0003	0.0003	0.0003
Ne-24	1.5651	1.6771	1.7846	1.7248
Ni-56	5.2540	5.6654	6.3137	6.4115
Ni-57	1.8456	2.0437	2.3268	2.3721
Ni-59	0.1053	0.1704	0.4637	0.7332
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6789	0.7420	0.7875	0.7459
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.7021	5.1224	6.0323	6.4427
Np-233	1.6038	1.7455	2.1516	2.4115
Np-234	2.6445	2.9207	3.5448	3.8623
Np-235	0.2601	0.3394	0.6689	0.9458
Np-236	2.9162	3.2620	4.4571	5.3144
Np-236m	0.8598	0.9432	1.1981	1.3693
Np-237	0.8760	1.0077	1.5220	1.9230
Np-238	1.1695	1.3078	1.6235	1.7818
Np-239	2.4172	2.6303	3.2643	3.6626
Np-240	3.6171	3.9785	4.8769	5.3399
Np-240m	0.9436	1.0497	1.3272	1.4773
Np-241	0.6078	0.6608	0.8203	0.9209
Np-242	0.3907	0.4310	0.4930	0.5038
Np-242m	2.9714	3.2912	4.1450	4.6267
O-14	1.3956	1.5509	1.6362	1.5262
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.6166	2.7933	2.9629	2.8793
Os-180	1.7430	1.9294	2.5849	3.0909
Os-181	4.8896	5.2898	6.1076	6.4804
Os-182	3.1267	3.3902	4.0725	4.4843
Os-183	4.5744	4.9207	5.7420	6.1883
Os-183m	2.6490	2.8906	3.3652	3.5815
Os-185	2.6236	2.8461	3.3090	3.5138
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0996	0.1605	0.4318	0.6808
Os-190m	6.0561	6.5367	7.3583	7.5455
Os-191	1.6800	1.8658	2.4836	2.9634
Os-191m	0.2350	0.3045	0.5973	0.8594
Os-193	0.5628	0.6159	0.7642	0.8631
Os-194	0.1584	0.2133	0.4495	0.6622
Os-196	0.6209	0.6658	0.7640	0.8104

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0011	0.0012	0.0013	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5268	0.5983	0.8417	1.0284
Pa-228	4.6762	5.1590	6.2802	6.8832
Pa-229	1.3340	1.4731	1.8941	2.1890
Pa-230	2.6527	2.9286	3.5974	3.9781
Pa-231	0.6647	0.8107	1.3845	1.8554
Pa-232	2.4609	2.7127	3.2397	3.4699
Pa-233	1.9452	2.1388	2.6919	3.0364
Pa-234	4.8057	5.2682	6.2933	6.7763
Pa-234m	0.0392	0.0432	0.0512	0.0547
Pa-235	0.0357	0.0577	0.1565	0.2472
Pa-236	1.7428	1.9284	2.2899	2.4243
Pa-237	1.3011	1.4185	1.5791	1.5903
Pb-194	4.0137	4.3529	5.0257	5.3192
Pb-195m	5.5213	6.0229	7.0100	7.4325
Pb-196	3.5651	3.8523	4.5055	4.8501
Pb-197	3.8333	4.1659	4.7284	4.9023
Pb-197m	4.8463	5.2704	6.1326	6.5221
Pb-198	3.4357	3.7131	4.3572	4.7011
Pb-199	3.2068	3.4825	4.0052	4.2151
Pb-200	2.9786	3.2365	3.9365	4.3899
Pb-201	3.6641	3.9587	4.5507	4.8001
Pb-201m	1.3558	1.4751	1.7019	1.7839
Pb-202	0.1059	0.1680	0.4344	0.6779
Pb-202m	4.6925	5.0867	5.5653	5.5262
Pb-203	2.9256	3.1567	3.7031	3.9994
Pb-204m	4.4317	4.7900	5.1384	4.9999
Pb-205	0.1072	0.1700	0.4397	0.6861
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1868	0.2544	0.5172	0.7500
Pb-211	0.1773	0.1912	0.2083	0.2066
Pb-212	1.4474	1.5544	1.7846	1.8930
Pb-214	1.5385	1.6579	1.8946	1.9857
Pd-100	2.8810	3.0026	3.5269	3.7678
Pd-101	1.7949	1.8977	2.3919	2.6379
Pd-103	0.5319	0.5577	0.7984	0.9508
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2253	1.2878	1.4389	1.4765

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3337	0.3486	0.4658	0.5425
Pd-111	0.1089	0.1168	0.1256	0.1222
Pd-112	0.1926	0.2135	0.3379	0.4243
Pd-114	0.2256	0.2372	0.2543	0.2521
Pd-96	3.4583	3.6849	4.0728	4.0846
Pd-97	3.0577	3.2945	3.5793	3.5076
Pd-98	2.6950	2.8354	3.2504	3.3888
Pd-99	2.8357	3.0075	3.3258	3.3467
Pm-136	4.6091	4.9483	5.2829	5.1133
Pm-137m	5.1642	5.4608	5.9148	5.9021
Pm-139	0.8638	0.9144	1.0106	1.0270
Pm-140m	4.9604	5.3451	5.7245	5.5593
Pm-140	0.3445	0.3679	0.4032	0.4033
Pm-141	0.7244	0.7636	0.8658	0.9046
Pm-142	0.2764	0.2897	0.3332	0.3539
Pm-143	1.4738	1.5508	1.7580	1.8382
Pm-144	4.5460	4.8563	5.2817	5.2149
Pm-145	0.9288	0.9631	1.1429	1.2602
Pm-146	2.4305	2.5881	2.8264	2.8222
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8695	0.9445	1.0038	0.9562
Pm-148m	4.9704	5.3434	5.7054	5.4983
Pm-149	0.0604	0.0643	0.0706	0.0711
Pm-150	2.7718	2.9900	3.1829	3.0591
Pm-151	1.9525	2.0627	2.2436	2.2533
Pm-152m	4.6023	4.9067	5.2804	5.2056
Pm-152	0.8317	0.8867	0.9598	0.9540
Pm-153	1.1529	1.2087	1.3579	1.4200
Pm-154	2.4855	2.6983	2.9249	2.8695
Pm-154m	4.2958	4.6006	4.9751	4.9142
Po-203	4.2213	4.6054	5.2783	5.5234
Po-204	5.5555	6.0965	7.3764	8.1260
Po-205	4.0668	4.4342	5.0601	5.2718
Po-206	4.5562	5.0070	5.9928	6.5160
Po-207	3.6916	4.0193	4.5822	4.7731
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0322	0.0375	0.0556	0.0701
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0170	0.0184	0.0196	0.0189
Po-212m	0.0659	0.0723	0.0767	0.0726

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0007	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3478	6.8000	7.2806	7.0769
Pr-134m	2.8419	3.0577	3.2747	3.1765
Pr-135	2.1267	2.2292	2.4780	2.5444
Pr-136	3.1664	3.4008	3.6669	3.5772
Pr-137	0.8237	0.8549	0.9958	1.0708
Pr-138	0.2811	0.2924	0.3397	0.3639
Pr-138m	5.4222	5.8077	6.2818	6.1846
Pr-139	0.8174	0.8411	1.0000	1.0994
Pr-140	0.4355	0.4480	0.5327	0.5858
Pr-142	0.0540	0.0594	0.0630	0.0592
Pr-142m	0.0048	0.0077	0.0210	0.0333
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0343	0.0374	0.0397	0.0376
Pr-144m	0.3628	0.3849	0.5019	0.5909
Pr-145	0.0469	0.0502	0.0544	0.0538
Pr-146	1.6004	1.7332	1.8422	1.7620
Pr-147	2.6164	2.7516	3.0610	3.1483
Pr-148	2.0921	2.2480	2.3961	2.3123
Pr-148m	3.0900	3.2976	3.5202	3.4196
Pt-184	6.3459	6.8868	8.3168	9.2165
Pt-186	3.3071	3.5914	4.2410	4.5870
Pt-187	3.9453	4.2849	5.1584	5.7050
Pt-188	2.6775	2.9161	3.6003	4.0737
Pt-189	3.5754	3.8985	4.7720	5.3460
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	3.1733	3.4535	4.2440	4.7847
Pt-193	0.1107	0.1765	0.4621	0.7235
Pt-193m	0.3562	0.4441	0.7983	1.1107
Pt-195m	1.7839	2.0301	2.9105	3.6355
Pt-197	0.4968	0.5695	0.8222	1.0276
Pt-197m	1.1757	1.3475	1.9461	2.4340
Pt-199	0.7645	0.8240	0.9226	0.9436
Pt-200	0.9729	1.0799	1.4211	1.6791
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.1910	1.2940	1.5963	1.7891
Pu-234	1.3207	1.4417	1.8096	2.0523
Pu-235	1.7166	1.8837	2.4106	2.7683
Pu-236	0.0842	0.1071	0.2036	0.2828
Pu-237	1.1049	1.2315	1.6648	1.9795
Pu-238	0.0774	0.0986	0.1878	0.2611
Pu-239	0.0403	0.0536	0.1107	0.1595
Pu-240	0.0729	0.0928	0.1767	0.2456
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0626	0.0796	0.1516	0.2106
Pu-243	0.5135	0.5537	0.6767	0.7529
Pu-244	0.0835	0.1002	0.1620	0.2095
Pu-245	1.6864	1.8114	2.0364	2.0883
Pu-246	2.0971	2.2514	2.7127	2.9803
Ra-219	1.1148	1.1948	1.3453	1.3904
Ra-220	0.0150	0.0160	0.0172	0.0168
Ra-221	0.6256	0.7060	0.9623	1.1528
Ra-222	0.0476	0.0507	0.0549	0.0545
Ra-223	1.6388	1.7797	2.1440	2.3631
Ra-224	0.0777	0.0828	0.0915	0.0933
Ra-225	0.4399	0.4778	0.6325	0.7483
Ra-226	1.0850	1.1369	1.2663	1.2882
Ra-227	1.2011	1.3600	1.8987	2.2922
Ra-228	1.0807	1.1044	1.2007	1.2032
Ra-230	0.8040	0.8750	1.0613	1.1751
Rb-77	2.3063	2.4603	2.6701	2.6786
Rb-78m	3.7427	4.0544	4.3216	4.1479
Rb-78	2.7755	3.0466	3.2679	3.1437
Rb-79	2.6361	2.8509	3.2286	3.3384
Rb-80	0.4349	0.4702	0.5073	0.4906
Rb-81	0.8234	0.9560	1.2876	1.5161
Rb-81m	0.3289	0.4193	0.6990	0.9298
Rb-82	0.2549	0.2805	0.3152	0.3197
Rb-82m	5.1652	5.6676	6.3181	6.3435
Rb-83	1.5870	1.8061	2.3081	2.6135
Rb-84	1.2480	1.4219	1.7666	1.9553
Rb-84m	2.1148	2.2732	2.5321	2.5872
Rb-86m	1.4400	1.5484	1.6550	1.5955
Rb-86	0.1335	0.1457	0.1547	0.1473
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.5927	0.6514	0.6897	0.6508
Rb-89	2.5484	2.7895	2.9583	2.8039
Rb-90	1.3529	1.4911	1.5756	1.4905
Rb-90m	3.1077	3.4066	3.6155	3.4379
Re-178	3.4672	3.7641	4.3715	4.6558
Re-179	4.3105	4.6469	5.3255	5.6058
Re-180	3.5699	3.8872	4.5618	4.9042
Re-181	4.1580	4.4965	5.2785	5.6890
Re-182	8.3963	9.0434	10.4356	11.0921
Re-182m	4.2284	4.5781	5.3316	5.7118
Re-183	2.9034	3.1686	4.0280	4.6628
Re-184	3.2223	3.4980	4.0866	4.3821
Re-184m	2.7933	3.0534	3.7899	4.2876
Re-186	0.3513	0.3792	0.4599	0.5131
Re-186m	0.6268	0.8047	1.5625	2.2398
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.4393	0.4703	0.5381	0.5662
Re-188m	1.6558	1.8439	2.5038	3.0346
Re-189	0.4800	0.5193	0.6165	0.6716
Re-190	4.6469	4.9728	5.3703	5.2964
Re-190m	3.8480	4.1422	4.6673	4.8168
Rh-100m	0.9348	0.9792	1.3086	1.5071
Rh-100	3.9642	4.3029	4.7873	4.7556
Rh-101	3.3562	3.5373	4.0094	4.1564
Rh-101m	1.9053	2.0238	2.3833	2.5141
Rh-102	1.2237	1.3120	1.5383	1.6079
Rh-102m	5.1915	5.5937	6.1798	6.1315
Rh-103m	0.0644	0.0715	0.1170	0.1515
Rh-104	0.0334	0.0359	0.0393	0.0387
Rh-104m	1.2705	1.3201	1.5895	1.7292
Rh-105	0.3955	0.4193	0.4485	0.4383
Rh-106	0.5021	0.5400	0.5751	0.5525
Rh-106m	5.5811	6.0275	6.4116	6.1509
Rh-107	1.5260	1.6190	1.7308	1.6913
Rh-108	0.9435	1.0109	1.0773	1.0405
Rh-109	1.6916	1.7894	1.9325	1.9114
Rh-94	3.5700	3.8904	4.1338	3.9323
Rh-95	2.4357	2.6551	2.8826	2.8010
Rh-95m	1.4612	1.5745	1.6981	1.6496
Rh-96	5.8154	6.2975	6.7683	6.5268

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.4212	1.5410	1.7323	1.7398
Rh-97	2.0339	2.1877	2.4223	2.4177
Rh-97m	3.3067	3.5687	3.9745	3.9801
Rh-98	1.7254	1.8653	2.0091	1.9351
Rh-99	2.7513	2.9263	3.4256	3.6018
Rh-99m	2.2074	2.3594	2.7301	2.8291
Rn-207	3.2645	3.5272	3.9807	4.1051
Rn-209	3.6090	3.9104	4.4242	4.5719
Rn-210	0.2524	0.2756	0.3241	0.3472
Rn-211	4.5133	4.9166	5.5395	5.6641
Rn-212	0.0007	0.0008	0.0009	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0020	0.0022	0.0021
Rn-219	0.3125	0.3335	0.3647	0.3662
Rn-220	1.0819	1.1151	1.1831	1.3915
Rn-222	0.0011	0.0012	0.0013	0.0013
Rn-223	1.5219	1.6976	2.1650	2.4620
Ru-103	1.4356	1.5379	1.6396	1.5854
Ru-105	2.0905	2.2400	2.4220	2.3698
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8741	0.9372	0.9998	0.9703
Ru-108	0.7691	0.8074	0.8838	0.8909
Ru-92	6.8679	7.2987	8.2194	8.4300
Ru-94	2.0270	2.1800	2.5689	2.7022
Ru-95	2.8613	3.0836	3.4969	3.5549
Ru-97	2.2024	2.3442	2.7476	2.9103
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3024	1.4616	1.5348	1.4251
S-38	1.2488	1.3828	1.4608	1.3644
Sb-111	2.5485	2.6971	2.9090	2.8741
Sb-113	1.8435	1.9626	2.1401	2.1244
Sb-114	2.4528	2.6719	2.8640	2.7455
Sb-115	1.8889	2.0036	2.2226	2.2446
Sb-116	2.2159	2.4074	2.6175	2.5496
Sb-116m	6.3694	6.8251	7.4191	7.3182
Sb-117	2.2588	2.3489	2.6506	2.7532
Sb-118	0.2253	0.2344	0.2849	0.3128
Sb-118m	6.0990	6.5049	7.1448	7.1344

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.7406	0.7630	1.0086	1.1832
Sb-120	0.3888	0.3987	0.5036	0.5723
Sb-120m	6.8098	7.2522	7.8494	7.7795
Sb-122m	1.8052	1.8703	2.1447	2.2957
Sb-122	1.1347	1.2191	1.3022	1.2533
Sb-124	2.7833	3.0213	3.2133	3.0534
Sb-124m	1.1196	1.2110	1.3257	1.3073
Sb-124n	0.0167	0.0270	0.0734	0.1160
Sb-125	1.8026	1.9029	2.1146	2.1421
Sb-126	6.4361	6.9314	7.3835	7.0892
Sb-126m	3.8513	4.1436	4.4212	4.2549
Sb-127	1.8209	1.9534	2.0869	2.0191
Sb-128	7.1645	7.7113	8.2136	7.8992
Sb-128m	4.6624	5.0101	5.3393	5.1530
Sb-129	2.4853	2.6929	2.8623	2.7416
Sb-130m	5.3996	5.8269	6.2019	5.9798
Sb-130	7.7717	8.3452	8.8925	8.6070
Sb-131	3.1130	3.3814	3.5947	3.4323
Sb-133	3.2539	3.5543	3.7708	3.5795
Sc-42m	4.4349	4.8264	5.1253	4.8728
Sc-43	0.3423	0.3666	0.4001	0.3985
Sc-44	1.5423	1.6875	1.7952	1.7066
Sc-44m	1.4551	1.5440	1.6591	1.6364
Sc-46	3.0614	3.3342	3.5400	3.3785
Sc-47	1.2425	1.3024	1.3867	1.3633
Sc-48	4.7444	5.1754	5.4935	5.2294
Sc-49	0.0009	0.0010	0.0010	0.0009
Sc-50	4.3145	4.7004	4.9908	4.7409
Se-70	2.0152	2.3108	3.3147	4.1009
Se-71	1.7307	1.8533	2.0018	1.9738
Se-72	1.0729	1.2771	2.1126	2.8356
Se-73	2.6914	2.9003	3.3534	3.5687
Se-73m	0.2936	0.3398	0.4865	0.6001
Se-75	3.2621	3.5669	4.3900	4.9006
Se-77m	1.0738	1.1784	1.4720	1.6607
Se-79m	0.3481	0.4565	0.8660	1.2272
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0299	0.0319	0.0340	0.0331
Se-81m	0.4144	0.5257	0.9387	1.2987
Se-83m	1.5154	1.6454	1.7485	1.6711

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	5.0882	5.4845	5.8338	5.6126
Se-84	1.4894	1.5911	1.6948	1.6449
Si-31	0.0011	0.0012	0.0012	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5372	2.7008	2.9243	2.8956
Sm-140	1.7689	1.8637	2.0828	2.1540
Sm-141	2.2074	2.3592	2.5608	2.5368
Sm-141m	4.7155	5.0277	5.4378	5.3912
Sm-142	0.8793	0.9121	1.0691	1.1685
Sm-143	0.5778	0.6025	0.6991	0.7545
Sm-143m	1.4426	1.5561	1.6652	1.6128
Sm-145	1.8518	1.9197	2.2280	2.4185
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0006	0.0009	0.0021	0.0032
Sm-153	1.4198	1.4817	1.6532	1.7331
Sm-155	1.6598	1.7336	1.8491	1.8519
Sm-156	1.4247	1.5119	1.7154	1.8062
Sm-157	2.3793	2.5145	2.7019	2.6891
Sn-106	3.5838	3.8013	4.1925	4.2184
Sn-108	3.5139	3.7067	4.1108	4.1701
Sn-109	3.1502	3.4000	3.7440	3.7069
Sn-110	2.1504	2.2560	2.5529	2.6413
Sn-111	0.6187	0.6475	0.7904	0.8649
Sn-113	0.6197	0.6356	0.8207	0.9426
Sn-113m	0.4268	0.4385	0.5717	0.6653
Sn-117m	2.1684	2.2591	2.5368	2.6238
Sn-119m	0.4813	0.5021	0.6889	0.8272
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1637	0.1722	0.2363	0.2853
Sn-123	0.0098	0.0107	0.0114	0.0108
Sn-123m	1.6547	1.7319	1.8628	1.8504
Sn-125m	1.5830	1.6806	1.7957	1.7518
Sn-125	0.5036	0.5479	0.5818	0.5557
Sn-126	1.2490	1.3056	1.4926	1.5877
Sn-127m	1.4309	1.5360	1.6350	1.5771
Sn-127	3.1971	3.4594	3.6835	3.5398
Sn-128	3.4693	3.6266	4.0991	4.2514
Sn-129	1.9418	2.0995	2.2360	2.1334

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	4.1310	4.3673	4.7216	4.7011
Sn-130m	2.4664	2.6207	2.8452	2.8227
Sr-79	1.5935	1.7099	1.9660	2.0819
Sr-80	1.3134	1.4867	1.8829	2.1158
Sr-81	2.4358	2.5965	2.8275	2.8248
Sr-82	0.2780	0.3872	0.7371	1.0343
Sr-83	1.5319	1.7702	2.3263	2.6819
Sr-85	1.6670	1.8783	2.3311	2.5787
Sr-85m	1.7262	1.8400	2.0302	2.0663
Sr-87m	1.2646	1.3632	1.5097	1.5211
Sr-89	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2455	1.3509	1.4364	1.3741
Sr-92	1.5412	1.6881	1.7912	1.6915
Sr-93	4.0284	4.3639	4.6894	4.5362
Sr-94	1.5397	1.6892	1.7917	1.6876
Ta-170	1.7747	1.9198	2.2678	2.4645
Ta-172	4.0853	4.4162	5.0298	5.2552
Ta-173	3.0661	3.3184	4.0130	4.4579
Ta-174	3.2287	3.4824	4.0649	4.3735
Ta-175	4.3409	4.6665	5.3419	5.6386
Ta-176	4.1262	4.5005	5.1519	5.3716
Ta-177	1.4548	1.5651	1.9092	2.1526
Ta-178	1.4920	1.6129	1.9910	2.2620
Ta-178m	8.4413	8.9971	10.0787	10.4485
Ta-179	0.6773	0.7493	1.0099	1.2188
Ta-180	1.2128	1.3104	1.6277	1.8610
Ta-182	3.6530	3.9475	4.4556	4.6155
Ta-182m	3.7526	4.0667	4.9899	5.6015
Ta-183	3.4558	3.7462	4.5785	5.1266
Ta-184	5.7634	6.2116	6.9732	7.1672
Ta-185	1.9301	2.0989	2.5928	2.9250
Ta-186	5.6357	6.0270	6.5736	6.5763
Tb-146	3.2608	3.5619	3.8119	3.6538
Tb-147m	2.2320	2.4184	2.6499	2.6286
Tb-147	4.0676	4.3689	4.7428	4.6888
Tb-148m	7.0192	7.5421	8.1174	7.9361
Tb-148	3.0557	3.3016	3.5639	3.4882
Tb-149m	3.1017	3.3225	3.6318	3.6294
Tb-149	3.6902	3.9389	4.3023	4.3052

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	7.0859	7.5862	8.1942	8.0399
Tb-150	3.5524	3.8335	4.1694	4.1069
Tb-151	4.8873	5.1810	5.7017	5.7880
Tb-151m	0.7066	0.8091	1.2046	1.5272
Tb-152m	4.3306	4.5981	5.1216	5.2610
Tb-152	3.2732	3.4993	3.8279	3.8304
Tb-153	3.0238	3.1942	3.6105	3.7940
Tb-154	3.8488	4.1407	4.5497	4.5637
Tb-155	3.0418	3.1956	3.5998	3.7896
Tb-156	5.7016	6.0977	6.7025	6.7548
Tb-156m	1.0341	1.0718	1.1593	1.1829
Tb-156n	0.1439	0.1782	0.3264	0.4575
Tb-157	0.1779	0.2101	0.3503	0.4722
Tb-158	2.8085	3.0072	3.4024	3.5444
Tb-160	2.6733	2.8825	3.1487	3.1363
Tb-161	0.9935	1.0632	1.3530	1.5661
Tb-162	3.5188	3.7677	4.0870	4.0597
Tb-163	2.9396	3.1382	3.3760	3.3132
Tb-164	5.8137	6.2543	6.7759	6.6736
Tb-165	1.2761	1.3965	1.5478	1.5445
Tc-101	1.6791	1.7806	1.9038	1.8608
Tc-102m	3.7527	4.0693	4.3255	4.1274
Tc-102	0.1726	0.1859	0.1978	0.1902
Tc-104	3.6323	3.9221	4.1716	4.0030
Tc-105	2.8765	3.0578	3.3103	3.2735
Tc-91	1.3437	1.4783	1.5842	1.5108
Tc-91m	0.9735	1.0490	1.1266	1.0923
Tc-92	6.1615	6.6154	7.1042	6.9150
Tc-93	1.9093	2.1059	2.4707	2.5476
Tc-93m	1.4605	1.5838	1.7819	1.7983
Tc-94	5.1373	5.5790	6.1709	6.1296
Tc-94m	1.8888	2.0603	2.2664	2.2370
Tc-95	1.9619	2.1398	2.5397	2.6723
Tc-95m	2.7184	2.9250	3.3733	3.5062
Tc-96	5.0212	5.4556	6.0605	6.0512
Tc-96m	0.3142	0.3447	0.4994	0.5982
Tc-97	0.4295	0.4811	0.7650	0.9593
Tc-97m	0.3530	0.3865	0.5934	0.7325
Tc-98	3.0202	3.2607	3.4724	3.3229
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.6733	1.7544	1.8922	1.8886
Te-113	1.6756	1.8243	1.9502	1.8693
Te-114	2.8900	3.0678	3.4558	3.5456
Te-115	2.6011	2.8092	3.0310	2.9444
Te-115m	2.9381	3.1831	3.4367	3.3344
Te-116	1.7138	1.7685	2.0836	2.2584
Te-117	2.1990	2.3607	2.6058	2.5961
Te-118	0.6274	0.6400	0.8118	0.9283
Te-119	2.1574	2.2913	2.5710	2.6061
Te-119m	4.0242	4.2785	4.6869	4.6769
Te-121	2.1117	2.2330	2.5129	2.5668
Te-121m	1.9778	2.0765	2.3229	2.4026
Te-123	0.0155	0.0245	0.0650	0.1021
Te-123m	1.9779	2.0656	2.3080	2.3781
Te-125m	1.1317	1.1569	1.4551	1.6568
Te-127	0.0197	0.0210	0.0225	0.0221
Te-127m	0.3551	0.3675	0.4801	0.5613
Te-129	0.3348	0.3584	0.4478	0.5030
Te-129m	0.3190	0.3319	0.4143	0.4666
Te-131	2.0763	2.1918	2.3529	2.3195
Te-131m	3.3958	3.6399	3.9104	3.8212
Te-132	2.4760	2.5822	2.8680	2.9505
Te-133	2.5997	2.7930	2.9763	2.8725
Te-133m	3.8268	4.1175	4.4165	4.2913
Te-134	3.5251	3.7379	4.0222	3.9698
Th-223	1.3521	1.4877	1.8853	2.1583
Th-224	0.2376	0.2557	0.2974	0.3169
Th-226	0.1483	0.1697	0.2423	0.2975
Th-227	1.3761	1.5591	2.1468	2.5762
Th-228	0.0909	0.1136	0.2008	0.2728
Th-229	1.8484	2.1081	2.9844	3.6579
Th-230	0.6703	0.6640	0.6722	0.7152
Th-231	0.7898	0.9545	1.6232	2.1695
Th-232	1.0388	1.0863	1.1277	1.2564
Th-233	0.3035	0.3502	0.5195	0.6517
Th-234	0.2426	0.2722	0.3719	0.4469
Th-235	0.1593	0.1718	0.1889	0.1888
Th-236	0.2786	0.3062	0.3821	0.4293
Ti-44	3.0008	3.1364	3.3503	3.3787
Ti-45	0.0099	0.0134	0.0276	0.0401

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.6162	1.7172	1.8318	1.7833
Ti-52	1.9586	2.0741	2.3431	2.4436
Tl-190	2.2730	2.4510	2.7293	2.7777
Tl-190m	5.8935	6.3524	6.9613	6.9385
Tl-194	2.4483	2.6456	3.0159	3.1497
Tl-194m	7.6324	8.2491	9.2279	9.4110
Tl-195	3.2465	3.5863	4.3717	4.8238
Tl-196	3.9622	4.3019	4.8353	4.9536
Tl-197	2.5933	2.8178	3.3594	3.6747
Tl-198	4.3487	4.7273	5.3220	5.4590
Tl-198m	4.9778	5.4067	6.2577	6.5989
Tl-199	2.5004	2.7131	3.2651	3.6117
Tl-200	4.0735	4.4119	4.9997	5.1792
Tl-201	1.9088	2.0964	2.6722	3.0965
Tl-202	2.6975	2.9186	3.4001	3.6391
Tl-204	0.0292	0.0324	0.0428	0.0508
Tl-206m	7.8479	8.4243	9.1559	9.0865
Tl-206	0.0015	0.0016	0.0020	0.0023
Tl-207	0.0041	0.0045	0.0048	0.0046
Tl-208	3.4391	3.7542	4.0090	3.8393
Tl-209	4.7697	5.1207	5.5072	5.4034
Tl-210	4.9018	5.3366	5.8641	5.8321
Tm-161	5.5450	5.9021	6.7062	7.0573
Tm-162	2.9875	3.2267	3.5977	3.6688
Tm-163	4.7194	5.0418	5.6506	5.8422
Tm-164	1.2702	1.3632	1.5798	1.6880
Tm-165	3.7002	3.9346	4.4394	4.6359
Tm-166	4.4739	4.8303	5.4169	5.5517
Tm-167	2.2632	2.4176	2.8577	3.1280
Tm-168	5.1434	5.5076	6.1479	6.3187
Tm-170	0.0999	0.1102	0.1465	0.1748
Tm-171	0.0166	0.0179	0.0223	0.0256
Tm-172	0.8555	0.9414	1.1041	1.1710
Tm-173	1.5455	1.6517	1.7881	1.7714
Tm-174	6.5619	7.0281	7.7116	7.7525
Tm-175	2.6816	2.8894	3.1338	3.0896
Tm-176	4.6015	4.9630	5.4733	5.5129
U-227	1.3933	1.5263	1.8958	2.1294
U-228	0.1193	0.1422	0.2292	0.2982
U-230	0.0975	0.1235	0.2277	0.3135

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.0200	2.3106	3.3536	4.1569
U-232	0.0832	0.1080	0.2085	0.2920
U-233	0.0435	0.0569	0.1107	0.1558
U-234	0.5657	0.5660	0.5797	0.5632
U-235	1.1565	1.1671	1.3256	1.3559
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0668	0.0874	0.1711	0.2407
U-237	2.4033	2.6226	3.3018	3.7550
U-238	0.7657	0.7650	0.9287	0.9866
U-239	0.9583	1.0191	1.1729	1.2526
U-240	0.2807	0.3425	0.5973	0.8049
U-242	0.3504	0.3709	0.4099	0.4207
V-47	0.0113	0.0130	0.0177	0.0207
V-48	3.2050	3.5130	3.7832	3.6498
V-49	0.0411	0.0666	0.1812	0.2865
V-50	1.4978	1.6613	1.8536	1.8428
V-52	1.4888	1.6358	1.7345	1.6310
V-53	1.5772	1.7187	1.8250	1.7428
W-177	5.6673	6.1019	7.1300	7.6819
W-178	0.4410	0.5089	0.7743	1.0003
W-179	1.4700	1.6150	2.1689	2.6094
W-179m	1.0506	1.1452	1.4488	1.6748
W-181	1.0331	1.1279	1.4508	1.7002
W-185m	0.6092	0.7578	1.3701	1.9080
W-185	0.0010	0.0011	0.0013	0.0014
W-187	1.7489	1.8754	2.0800	2.1177
W-188	0.0154	0.0166	0.0194	0.0209
W-190	2.6657	2.8676	3.4459	3.8237
Xe-120	2.6593	2.7721	3.1857	3.3613
Xe-121	2.1893	2.3231	2.5585	2.5737
Xe-122	0.9969	1.0260	1.2263	1.3411
Xe-123	2.3189	2.4261	2.7088	2.7823
Xe-125	2.7201	2.8330	3.1913	3.3212
Xe-127	2.9068	3.0360	3.3795	3.4801
Xe-127m	2.4873	2.5923	2.8535	2.9172
Xe-129m	1.4308	1.4639	1.7833	1.9879
Xe-131m	0.5882	0.6045	0.7527	0.8520
Xe-133	1.1452	1.1821	1.3299	1.3957
Xe-133m	0.7293	0.7520	0.9047	0.9967
Xe-135	1.5670	1.6556	1.7754	1.7531

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.2944	1.3814	1.4944	1.4674
Xe-137	0.5077	0.5443	0.5797	0.5604
Xe-138	1.9177	2.0781	2.2838	2.2739
Y-81	2.0040	2.1583	2.5107	2.6823
Y-83	1.1098	1.2375	1.5534	1.7304
Y-83m	1.3672	1.4754	1.6817	1.7432
Y-84m	4.9510	5.3863	5.7515	5.5275
Y-85	1.1380	1.2483	1.4394	1.4954
Y-85m	1.2623	1.3971	1.6236	1.6928
Y-86	5.0248	5.5127	6.0821	6.0193
Y-86m	1.7509	1.8548	2.0001	1.9987
Y-87	1.6153	1.8086	2.2542	2.4946
Y-87m	1.2348	1.3295	1.4796	1.4955
Y-88	3.1914	3.5677	4.1111	4.2224
Y-89m	1.5230	1.6549	1.7603	1.6894
Y-90	0.0000	0.0001	0.0001	0.0001
Y-90m	3.1292	3.3292	3.5724	3.5248
Y-91	0.0039	0.0043	0.0046	0.0043
Y-91m	1.4059	1.5132	1.6271	1.5774
Y-92	0.4009	0.4356	0.4628	0.4424
Y-93	0.2063	0.2215	0.2363	0.2289
Y-94	1.1896	1.2936	1.3739	1.3137
Y-95	0.8847	0.9746	1.0310	0.9717
Yb-162	2.9986	3.1825	3.6292	3.8407
Yb-163	2.0356	2.2045	2.6293	2.8736
Yb-164	1.2122	1.2908	1.5378	1.7009
Yb-165	3.0817	3.3365	4.1399	4.7034
Yb-166	2.3002	2.4461	2.8962	3.1895
Yb-167	4.9802	5.3106	6.2489	6.8245
Yb-169	5.6861	6.0303	6.9238	7.4135
Yb-175	0.2445	0.2601	0.2868	0.2921
Yb-177	0.8949	0.9521	1.0485	1.0656
Yb-178	0.1698	0.1821	0.2027	0.2063
Yb-179	2.8798	3.0909	3.3374	3.2638
Zn-60	1.7596	1.8822	2.0300	1.9974
Zn-61	0.6597	0.7191	0.7690	0.7380
Zn-62	1.4196	1.5884	2.1006	2.4528
Zn-63	0.2656	0.2935	0.3396	0.3524
Zn-65	0.9167	1.0746	1.5149	1.8267
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.3829	1.4833	1.6017	1.5745
Zn-71	0.7890	0.8474	0.9018	0.8704
Zn-71m	4.4582	4.7783	5.0905	4.9124
Zn-72	2.0723	2.2818	2.9540	3.4247
Zr-85	1.3301	1.4339	1.5526	1.5227
Zr-86	2.5236	2.7802	3.5474	4.0048
Zr-87	0.1712	0.1972	0.2655	0.3060
Zr-88	1.7811	1.9652	2.4055	2.6213
Zr-89	1.8071	2.0077	2.3739	2.5021
Zr-89m	1.4427	1.5587	1.6874	1.6389
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4758	1.5953	1.6971	1.6273
Zr-97	1.7543	1.8965	2.0229	1.9447

Table 7: Adobe 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.4813	0.3996	0.4508	0.4981	0.4067	0.2917	0.4006	0.4251
Ac-224	4.0135	3.6597	3.7647	4.0266	3.9438	3.0539	3.6175	4.1225
Ac-225	0.6662	0.5658	0.6294	0.6894	0.5726	0.4031	0.5327	0.5418
Ac-226	1.8198	1.6292	1.7068	1.7791	1.8119	1.4689	1.6685	1.9021
Ac-227	0.1657	0.1278	0.1563	0.1776	0.1220	0.0786	0.1332	0.1202
Ac-228	2.8287	2.4719	2.6177	2.6851	2.8570	2.4400	2.7016	3.8651
Ac-230	1.2413	1.0701	1.1578	1.1904	1.2429	1.0554	1.1934	1.7444
Ac-231	3.9195	3.5449	3.6379	3.7862	3.9720	3.3015	3.7597	4.5071
Ac-232	1.9121	1.6232	1.7612	1.8014	1.9610	1.6913	1.8426	2.9422
Ac-233	1.8313	1.6130	1.6803	1.7394	1.8619	1.7272	1.8977	2.8287
Ag-100m	2.9965	2.6048	2.6875	2.6928	3.3080	3.1015	3.0881	5.5581
Ag-101	2.7220	2.4350	2.4681	2.5172	2.9006	2.5722	2.8688	3.9672
Ag-102m	1.9158	1.6577	1.7699	1.7687	2.0886	1.9131	2.0630	3.4260
Ag-102	4.6582	4.0891	4.2426	4.2529	5.0772	4.7268	4.9205	8.2613
Ag-103	3.0647	2.8618	2.8878	2.9438	3.2293	2.7623	3.3306	3.7982
Ag-104	5.9752	5.3076	5.4643	5.4701	6.4299	5.9312	6.3292	10.0384
Ag-104m	2.4746	2.2086	2.2857	2.3139	2.6350	2.4141	2.6533	4.0069
Ag-105	3.4982	3.2199	3.2478	3.3387	3.6194	3.0960	3.7634	4.3672
Ag-105m	0.0641	0.0463	0.0593	0.0691	0.0443	0.0294	0.0556	0.0542
Ag-106	0.7374	0.6864	0.7074	0.7227	0.7484	0.6366	0.8395	0.9006
Ag-106m	7.3644	6.5938	6.7856	6.8235	7.8736	7.2224	7.8636	11.9446
Ag-108	0.0700	0.0643	0.0650	0.0665	0.0732	0.0648	0.0751	0.0990
Ag-108m	5.7208	5.1858	5.2213	5.3263	6.0315	5.5327	5.9657	8.9111
Ag-109m	0.5812	0.5493	0.5669	0.5874	0.5639	0.4387	0.6687	0.5845
Ag-110	0.0806	0.0716	0.0714	0.0729	0.0873	0.0826	0.0802	0.1406
Ag-110m	5.2735	4.6093	4.7155	4.6920	5.8193	5.5054	5.3874	9.7904
Ag-111	0.1531	0.1381	0.1385	0.1416	0.1586	0.1414	0.1573	0.2042
Ag-111m	0.3358	0.3097	0.3274	0.3420	0.3182	0.2471	0.3858	0.3328
Ag-112	1.2052	1.0555	1.0794	1.0916	1.3258	1.2459	1.2297	2.1932
Ag-113m	1.1417	1.0263	1.0386	1.0663	1.1688	1.0395	1.1726	1.5389
Ag-113	0.3356	0.2989	0.3003	0.3068	0.3512	0.3129	0.3434	0.4609
Ag-114	0.5199	0.4584	0.4722	0.4779	0.5603	0.5273	0.5423	0.9060
Ag-115	1.1427	1.0219	1.0580	1.0717	1.2431	1.1065	1.2205	1.7306
Ag-116	2.9543	2.5788	2.7189	2.7129	3.2260	3.0154	3.1544	5.3276
Ag-117	2.2016	1.9658	2.0334	2.0428	2.3772	2.1392	2.3257	3.4378
Ag-99	3.2534	2.8644	2.9461	2.9667	3.5229	3.1795	3.4533	5.1355
Al-26	1.4724	1.2071	1.3496	1.3304	1.6690	1.5140	1.6152	3.0010
Al-28	1.4331	1.1770	1.3152	1.2986	1.6311	1.4780	1.5858	2.9245
Al-29	1.5098	1.2905	1.3953	1.3346	1.7424	1.5951	1.6133	3.0696

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	4.4070	4.0024	4.1848	4.3813	4.3234	3.4819	4.1999	4.5829
Am-238	4.1409	3.7242	3.9261	4.0484	4.1671	3.4526	3.9519	5.0775
Am-239	5.2617	4.7818	5.0773	5.3570	5.0448	3.8980	4.8781	4.9152
Am-240	4.5706	4.0644	4.3294	4.4521	4.5577	3.7386	4.3168	5.5576
Am-241	1.5826	1.5599	1.5832	1.5950	1.6287	1.6240	1.6456	1.6530
Am-242	0.8623	0.7692	0.8361	0.8909	0.7795	0.5690	0.7799	0.6928
Am-242m	0.6248	0.5331	0.6015	0.6530	0.5240	0.3610	0.5488	0.4481
Am-243	1.5497	1.4369	1.3340	1.5235	1.5340	1.0889	1.1871	1.6862
Am-244	4.2661	3.7567	3.9973	4.1444	4.1417	3.4380	4.0712	5.0961
Am-244m	0.3323	0.2904	0.3201	0.3416	0.2943	0.2129	0.3047	0.2701
Am-245	0.5591	0.5113	0.5307	0.5609	0.5463	0.4313	0.5464	0.5415
Am-246	5.9372	5.2962	5.6269	5.8774	5.7682	4.6863	5.7142	6.5006
Am-246m	2.3310	2.0308	2.1515	2.1586	2.4441	2.1509	2.3319	3.6183
Am-247	1.9943	1.8347	1.8919	1.9901	1.9712	1.5778	1.9557	2.0061
Ar-37	0.0710	0.0492	0.0657	0.0779	0.0457	0.0284	0.0594	0.0565
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4879	1.2748	1.3749	1.3168	1.7202	1.5727	1.5987	3.0201
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8796	1.6148	1.7157	1.6744	2.1180	1.9685	1.9876	3.6260
Ar-44	2.9303	2.5649	2.7601	2.7338	3.2698	2.9255	3.0995	4.8429
As-68	3.7251	3.2077	3.3711	3.3106	4.1786	3.8953	3.8777	7.1163
As-69	0.6834	0.5917	0.6283	0.6590	0.6858	0.5797	0.6771	0.8928
As-70	4.9620	4.2601	4.5002	4.4346	5.5082	5.0958	5.1487	9.2554
As-71	2.8426	2.3898	2.6851	2.8293	2.6586	2.2029	2.6488	3.1620
As-72	1.7604	1.5024	1.5788	1.5845	1.8580	1.7401	1.7709	3.1501
As-73	2.6745	1.9037	2.4813	2.9211	1.7971	1.1383	2.2368	2.1871
As-74	1.7236	1.4506	1.5498	1.6541	1.6707	1.4937	1.6532	2.5622
As-76	1.0516	0.9332	0.9515	0.9669	1.1278	1.0649	1.0864	1.8009
As-77	0.0568	0.0510	0.0518	0.0537	0.0599	0.0519	0.0588	0.0720
As-78	2.2481	1.9648	2.0214	2.0242	2.4781	2.3271	2.3059	4.1304
As-79	0.1076	0.0968	0.0982	0.0989	0.1138	0.1064	0.1120	0.1723
At-204	7.7358	6.8861	6.9467	7.2409	7.9531	7.1346	7.4833	11.7983
At-205	3.9986	3.5264	3.5350	3.7887	3.9973	3.3043	3.4924	5.5638
At-206	7.8752	7.0162	7.0857	7.3590	8.1516	7.2465	7.6161	11.9930
At-207	6.0619	5.3273	5.3930	5.6875	6.1847	5.2548	5.5355	8.9603
At-208	9.2088	8.1230	8.2514	8.5720	9.5954	8.3976	8.5736	14.0408
At-209	8.6638	7.6580	7.7565	8.1556	8.8175	7.5805	8.0064	12.6906
At-210	7.1197	6.1877	6.4240	6.6855	7.4372	6.2203	6.8318	10.5357
At-211	1.0514	0.9266	0.9154	1.0447	0.9579	0.6659	0.7695	1.0870
At-215	0.0009	0.0008	0.0008	0.0009	0.0009	0.0008	0.0009	0.0013

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0519	0.0465	0.0455	0.0514	0.0494	0.0359	0.0412	0.0560
At-217	0.0021	0.0018	0.0018	0.0020	0.0021	0.0017	0.0019	0.0025
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.8517	2.5560	2.5855	2.6843	2.9702	2.5698	2.8986	3.6458
Au-186	4.3977	3.9196	4.0327	4.2547	4.6064	3.8819	4.2692	5.9518
Au-187	3.7415	3.2155	3.3495	3.6966	3.7287	2.9585	3.3999	4.9245
Au-190	5.1289	4.4667	4.5839	4.8669	5.3452	4.5011	4.9599	7.3247
Au-191	4.7227	4.1464	4.2116	4.6626	4.6975	3.7630	4.2984	5.8162
Au-192	4.7955	4.1657	4.2741	4.5665	4.9651	4.1435	4.5723	6.8116
Au-193	3.0613	2.6838	2.7100	3.1119	3.0029	2.2184	2.6208	3.3559
Au-193m	2.4301	2.0546	2.1805	2.3967	2.2948	1.8020	2.2785	2.6010
Au-194	3.9748	3.4750	3.5304	3.8320	4.0539	3.3149	3.7048	5.3161
Au-195	2.8154	2.3913	2.5009	2.9302	2.5902	1.8059	2.2910	2.8492
Au-195m	2.4510	2.0738	2.1975	2.4161	2.3128	1.8151	2.2864	2.6285
Au-196	3.8099	3.3886	3.3938	3.7034	3.8166	3.1258	3.5350	4.7515
Au-196m	5.2030	4.4445	4.7491	5.2839	4.8181	3.6389	4.4887	5.3249
Au-198	1.7878	1.6419	1.6534	1.6873	1.8545	1.7177	1.8709	2.6653
Au-198m	7.3625	6.5951	6.9019	7.4023	7.4166	5.8793	6.8589	8.2743
Au-199	1.4956	1.3182	1.3809	1.4470	1.4841	1.2268	1.3006	1.6395
Au-200	0.6217	0.5525	0.5686	0.5690	0.6694	0.6076	0.6434	1.0194
Au-200m	8.7493	7.8239	7.9747	8.2080	9.1391	8.2145	8.8648	12.5755
Au-201	0.2465	0.2063	0.2245	0.2460	0.2247	0.1825	0.2238	0.2967
Au-202	0.3991	0.3552	0.3665	0.3666	0.4294	0.3979	0.4184	0.6747
Ba-124	2.3676	2.1846	2.2633	2.3001	2.4808	2.0023	2.2558	2.7706
Ba-126	2.9443	2.6911	2.7731	2.8251	3.1101	2.5672	2.9021	3.6950
Ba-127	1.3204	1.2371	1.2778	1.3117	1.3801	1.0726	1.2449	1.4240
Ba-128	1.3943	1.3025	1.3481	1.3889	1.4198	1.0506	1.2789	1.3192
Ba-129	1.4940	1.3976	1.4505	1.4959	1.5416	1.1729	1.4198	1.5289
Ba-129m	5.6286	5.0924	5.3018	5.3648	5.9760	5.1624	5.6487	7.9062
Ba-131	3.7489	3.5090	3.5672	3.6832	3.8986	3.2079	3.7671	4.4226
Ba-131m	1.7875	1.6899	1.7410	1.8176	1.8143	1.3870	1.6496	1.7483
Ba-133	4.1856	3.8810	3.8788	4.0416	4.2678	3.3821	3.8478	4.7735
Ba-133m	1.3495	1.2040	1.2857	1.3555	1.3033	0.9560	1.1931	1.2504
Ba-135m	1.1059	1.0228	1.0607	1.0971	1.1254	0.8337	0.9868	1.0376
Ba-137m	1.6149	1.4363	1.4347	1.4658	1.7477	1.6375	1.5769	2.7738
Ba-139	0.5216	0.4782	0.4983	0.4899	0.5535	0.4859	0.4804	0.5948
Ba-140	1.2273	1.0636	1.1457	1.2061	1.1731	0.9872	1.1832	1.5073
Ba-141	3.4187	3.0823	3.1697	3.2036	3.6681	3.2545	3.5158	4.8731
Ba-142	2.9230	2.6094	2.6652	2.6840	3.1647	2.7785	2.9398	4.4688

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1870	0.1689	0.1732	0.1766	0.1942	0.1831	0.2006	0.2923
Bi-197	4.4506	3.8664	3.9598	4.1995	4.5359	3.7734	4.0314	6.5773
Bi-200	8.9489	7.9716	8.0831	8.4381	9.2403	8.0203	8.6989	12.9497
Bi-201	4.4702	3.8840	3.9763	4.2181	4.5913	3.8119	4.0671	6.6844
Bi-202	8.0631	7.1289	7.2253	7.5036	8.4335	7.4005	7.7181	12.4498
Bi-203	5.4301	4.7066	4.8338	5.0910	5.6274	4.7616	5.0593	8.4061
Bi-204	8.0707	7.0842	7.2262	7.4848	8.4373	7.3376	7.6862	12.5126
Bi-205	4.2340	3.6542	3.7601	4.0146	4.3106	3.5818	3.8574	6.2916
Bi-206	9.4536	8.3023	8.4625	8.8135	9.8172	8.6035	9.0431	14.6804
Bi-207	4.8750	4.2698	4.3438	4.5961	5.0104	4.2686	4.5046	7.3050
Bi-208	2.6369	2.2149	2.4134	2.5407	2.7085	2.2195	2.4534	4.1215
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.8923	1.6773	1.6767	1.7679	1.9414	1.6481	1.8695	2.3436
Bi-211	0.2965	0.2666	0.2661	0.2790	0.2999	0.2597	0.2871	0.3911
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3919	0.3197	0.3591	0.3864	0.3556	0.2919	0.3565	0.5049
Bi-213	0.5936	0.5386	0.5433	0.5632	0.6059	0.5448	0.5962	0.8609
Bi-214	2.1407	1.8517	1.9345	1.9310	2.3737	2.1997	2.2162	3.9829
Bi-215	1.3955	1.2379	1.2362	1.3062	1.4123	1.1834	1.3049	1.8115
Bi-216	2.6651	2.4003	2.4325	2.4969	2.7834	2.5972	2.7514	4.2013
Bk-245	4.3485	4.0249	4.1575	4.3895	4.2668	3.3659	4.2444	4.1986
Bk-246	4.4578	3.9931	4.2017	4.3647	4.3878	3.6216	4.3133	5.3312
Bk-247	2.0789	1.9227	1.8892	2.0218	2.0940	1.6512	1.8892	2.2915
Bk-248m	1.0128	0.9248	0.9744	1.0321	0.9603	0.7436	0.9725	0.9471
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.9328	1.6782	1.7847	1.7655	2.0676	1.8283	1.9562	3.1178
Bk-251	2.3204	2.1414	2.2280	2.3660	2.2144	1.7164	2.2481	2.0963
Br-72	3.1529	2.7265	2.8630	2.8307	3.4538	3.2039	3.2619	5.7786
Br-73	1.9249	1.7381	1.7208	1.8455	2.0582	1.7478	1.8621	2.7316
Br-74	3.4386	2.9584	3.1574	3.1475	3.8090	3.5026	3.5955	6.3685
Br-74m	4.4009	3.8117	3.9678	3.9863	4.8291	4.5030	4.4915	8.0918
Br-75	2.6818	2.3567	2.4200	2.5178	2.7090	2.3497	2.6898	3.3980
Br-76	3.4784	2.9649	3.1852	3.2542	3.6297	3.2860	3.5239	5.8327
Br-76m	2.1285	1.8195	2.0411	2.2240	1.8256	1.2628	1.7081	1.8407
Br-77	2.4875	2.0665	2.2955	2.4848	2.2574	1.8167	2.3038	2.7881
Br-77m	1.0089	0.8355	0.9621	1.0632	0.8407	0.5748	0.7917	0.7912
Br-78	0.3185	0.2713	0.2865	0.3039	0.3142	0.2790	0.2983	0.4706
Br-80	0.2084	0.1756	0.1878	0.2006	0.2011	0.1755	0.1918	0.2967
Br-80m	1.9400	1.6216	1.8588	2.0384	1.5977	1.0615	1.4954	1.4387

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.8120	0.6369	0.7670	0.8659	0.6212	0.3894	0.5910	0.5642
Br-82	5.4602	4.7937	4.9065	4.9048	5.9644	5.6440	5.6122	9.9105
Br-83	0.0232	0.0207	0.0213	0.0218	0.0242	0.0229	0.0244	0.0374
Br-84m	4.9194	4.3276	4.5078	4.4692	5.4018	5.0327	5.2494	8.8266
Br-84	1.6851	1.4345	1.5365	1.4938	1.8917	1.7709	1.7843	3.3353
Br-85	0.1177	0.1023	0.1059	0.1038	0.1299	0.1228	0.1215	0.2202
C-10	1.6685	1.4677	1.4762	1.4842	1.8130	1.7394	1.6707	3.0543
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1268	0.0879	0.1173	0.1392	0.0816	0.0507	0.1060	0.1009
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3440	1.1580	1.2385	1.1961	1.5326	1.4106	1.4394	2.6591
Ca-49	1.2892	1.0767	1.2431	1.1708	1.5131	1.4083	1.5180	2.8997
Cd-101	3.4542	3.1098	3.2629	3.2652	3.7363	3.2639	3.6436	5.3502
Cd-102	3.2163	2.9662	3.0429	3.0953	3.3366	2.9400	3.5579	4.4520
Cd-103	2.8838	2.5722	2.7163	2.7127	3.1026	2.7230	3.2278	4.5915
Cd-104	2.6755	2.5267	2.4799	2.6040	2.7101	2.1772	2.7758	3.2315
Cd-105	2.0607	1.8489	1.9399	1.9444	2.1891	1.9099	2.3004	3.1443
Cd-107	1.6756	1.5977	1.6509	1.6940	1.6405	1.2875	1.9896	1.6769
Cd-109	1.5652	1.4906	1.5399	1.5829	1.5276	1.1954	1.8582	1.5604
Cd-111m	2.9019	2.6490	2.6862	2.7537	3.0390	2.5997	3.1250	3.3812
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0012	0.0012	0.0012	0.0010	0.0014	0.0013
Cd-115	0.7378	0.6646	0.6809	0.6963	0.7683	0.7139	0.7909	1.1366
Cd-115m	0.0536	0.0466	0.0488	0.0474	0.0602	0.0561	0.0561	0.1015
Cd-117	2.3024	2.0308	2.0992	2.1037	2.5026	2.2519	2.4377	3.7331
Cd-117m	2.5122	2.1512	2.2902	2.2443	2.8041	2.5952	2.6325	4.7791
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.7022	2.3620	2.4625	2.4642	2.9463	2.6559	2.8682	4.4749
Cd-119m	2.9696	2.5603	2.7167	2.6627	3.3196	3.0605	3.1243	5.5817
Ce-130	3.5783	3.3539	3.3981	3.5031	3.7155	3.0051	3.4809	4.0234
Ce-131	4.0587	3.6636	3.7974	3.8602	4.2409	3.6729	4.0521	5.6165
Ce-132	3.4002	3.1607	3.2946	3.3324	3.5694	2.9240	3.2290	3.7064
Ce-133	2.9818	2.8164	2.8667	2.9797	3.0317	2.2817	2.5769	3.0258
Ce-133m	5.5779	5.0830	5.2158	5.3309	5.8964	5.0460	5.5355	7.8329
Ce-134	1.1369	1.0691	1.1191	1.1553	1.1258	0.7976	0.9700	0.9676
Ce-135	4.2562	3.8591	3.9406	4.0396	4.4332	3.7759	4.1682	5.5302
Ce-137	1.3825	1.2504	1.3475	1.4187	1.3021	0.9184	1.1818	1.1889
Ce-137m	1.0883	1.0066	1.0494	1.0865	1.0690	0.8071	0.9907	1.0302
Ce-139	2.7193	2.5123	2.6268	2.6343	2.8044	2.2914	2.4311	2.7913

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	1.1370	1.0759	1.0767	1.0928	1.1805	1.0098	1.1026	1.2211
Ce-143	2.2544	2.0691	2.1046	2.1737	2.2903	1.8861	2.1652	2.6489
Ce-144	0.3541	0.3426	0.3343	0.3517	0.3607	0.2899	0.3505	0.3635
Ce-145	3.4944	3.1868	3.2531	3.3329	3.6261	3.1023	3.3746	4.7817
Cf-244	0.2207	0.1918	0.2134	0.2295	0.1895	0.1322	0.1989	0.1587
Cf-246	0.1515	0.1317	0.1465	0.1575	0.1302	0.0909	0.1368	0.1093
Cf-247	3.3513	3.0372	3.2261	3.4484	3.0978	2.3303	3.1841	2.8814
Cf-248	0.1814	0.1577	0.1754	0.1885	0.1561	0.1092	0.1640	0.1315
Cf-249	2.1684	1.9685	2.0207	2.0882	2.1613	1.8751	2.1828	2.7044
Cf-250	0.1558	0.1358	0.1498	0.1599	0.1380	0.1005	0.1432	0.1290
Cf-251	2.6030	2.3876	2.5055	2.6353	2.5317	1.9866	2.4987	2.4648
Cf-252	0.9448	0.8353	0.8739	0.8847	0.9996	0.8852	0.9641	1.4433
Cf-253	0.5002	0.4322	0.4833	0.5211	0.4235	0.2988	0.4621	0.3786
Cf-254	29.6649	26.2976	27.2268	27.2588	32.3944	29.4970	30.8716	49.4306
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7206	1.5076	1.6006	1.5730	1.9003	1.7221	1.7861	2.8760
Cl-36	0.0010	0.0007	0.0009	0.0011	0.0006	0.0004	0.0008	0.0008
Cl-38	1.0502	0.8624	0.9684	0.9501	1.1986	1.0900	1.1522	2.1579
Cl-39	2.3397	2.0263	2.1321	2.1176	2.6269	2.3509	2.5386	4.0285
Cl-40	2.7798	2.3413	2.5878	2.5137	3.2126	2.9471	3.0884	5.7360
Cm-238	2.0839	1.9370	2.0219	2.1320	2.0224	1.5645	1.9619	1.9262
Cm-239	4.2902	3.9867	4.1679	4.3157	4.3495	3.5197	4.1590	4.3814
Cm-240	0.2500	0.2159	0.2413	0.2604	0.2122	0.1456	0.2140	0.1724
Cm-241	5.1923	4.6893	4.9572	5.2159	4.9835	4.0357	4.9909	5.5040
Cm-242	0.2244	0.1938	0.2166	0.2338	0.1905	0.1306	0.1920	0.1547
Cm-243	2.6676	2.3871	2.5551	2.7088	2.5268	1.9509	2.4832	2.5054
Cm-244	0.1927	0.1664	0.1860	0.2007	0.1635	0.1121	0.1648	0.1328
Cm-245	2.7490	2.5178	2.6686	2.8066	2.6389	2.0355	2.5170	2.5207
Cm-246	0.1600	0.1383	0.1541	0.1658	0.1373	0.0957	0.1381	0.1165
Cm-247	1.5143	1.3950	1.4054	1.4306	1.5702	1.4421	1.5820	2.1802
Cm-248	2.4568	2.1748	2.2617	2.2752	2.6478	2.3835	2.5299	3.9523
Cm-249	0.2844	0.2126	0.2620	0.3008	0.2126	0.1540	0.2497	0.2773
Cm-250	23.4188	20.7583	21.4966	21.5249	25.5684	23.2734	24.3717	39.0093
Cm-251	0.6019	0.5456	0.5629	0.5854	0.6056	0.5249	0.6077	0.7761
Co-54m	4.7423	4.1692	4.3755	4.2997	5.2736	4.8622	5.0748	8.6165
Co-55	2.2280	1.9195	2.0302	2.0112	2.4183	2.2346	2.3119	4.0010
Co-56	4.2883	3.6064	3.9171	3.8730	4.6408	4.2561	4.4378	8.0133
Co-57	2.7595	2.4691	2.5833	2.8612	2.5272	1.9593	2.7558	2.6329
Co-58	2.0968	1.7509	1.8817	1.9324	2.0914	1.9222	2.0620	3.4989

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.5081	0.3526	0.4701	0.5577	0.3274	0.2036	0.4250	0.4046
Co-60	3.0343	2.6015	2.7950	2.6800	3.4997	3.2070	3.2457	6.0916
Co-60m	0.5876	0.4156	0.5432	0.6425	0.3942	0.2501	0.4940	0.4844
Co-61	1.2759	1.2050	1.0774	1.2803	1.4390	1.0578	1.0595	1.5926
Co-62	1.7527	1.4962	1.6125	1.5434	2.0127	1.8517	1.8547	3.5095
Co-62m	3.1318	2.6709	2.8723	2.7557	3.5835	3.2957	3.3080	6.2457
Cr-48	3.8484	3.5369	3.5649	3.7277	3.9130	3.3108	3.8807	4.5068
Cr-49	1.6664	1.5711	1.5226	1.6109	1.7713	1.4398	1.4459	1.9616
Cr-51	0.4722	0.3643	0.4310	0.4842	0.3744	0.2834	0.4255	0.4722
Cr-55	0.0006	0.0005	0.0006	0.0006	0.0007	0.0007	0.0007	0.0013
Cr-56	2.3382	2.1807	2.0617	2.2794	2.2771	1.6927	2.0199	2.7567
Cs-121	1.3728	1.2545	1.2832	1.2950	1.4556	1.2685	1.3651	1.7968
Cs-121m	2.5738	2.3658	2.4509	2.4775	2.7497	2.3688	2.6160	3.3270
Cs-123	2.0050	1.8560	1.8871	1.9327	2.1029	1.7490	1.9306	2.5902
Cs-124	0.7325	0.6602	0.6742	0.6820	0.7672	0.6827	0.7493	1.0608
Cs-125	1.7438	1.6123	1.6545	1.6912	1.8123	1.5253	1.7499	2.2624
Cs-126	1.2482	1.1425	1.1637	1.1778	1.3051	1.1684	1.2884	1.8071
Cs-127	2.8057	2.6270	2.6654	2.7305	2.8963	2.4321	2.8469	3.4740
Cs-128	0.9272	0.8552	0.8792	0.8951	0.9593	0.8233	0.9442	1.2347
Cs-129	2.6840	2.5111	2.5726	2.6300	2.7401	2.2119	2.6411	3.0686
Cs-130m	2.1737	2.0308	2.0286	2.1621	2.1646	1.5572	1.8307	2.1856
Cs-130	0.7004	0.6592	0.6844	0.7013	0.7124	0.5359	0.6711	0.7177
Cs-131	1.0731	1.0193	1.0597	1.0882	1.0809	0.7777	1.0109	0.9787
Cs-132	2.7940	2.5433	2.5800	2.6363	2.9520	2.5617	2.7175	4.0484
Cs-134	3.7668	3.3244	3.3598	3.3874	4.0680	3.8857	3.8168	6.7372
Cs-134m	0.9311	0.8318	0.8905	0.9633	0.8619	0.6246	0.8666	0.8327
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.2869	2.8684	2.9320	2.8870	3.5806	3.4348	3.3481	6.1651
Cs-136	4.9339	4.3541	4.4729	4.4250	5.3877	4.9392	4.9890	8.3212
Cs-137	1.4580	1.3100	1.4554	1.4981	1.5870	1.5798	1.6493	1.6054
Cs-138m	1.6607	1.5162	1.5938	1.6232	1.7466	1.4370	1.6476	2.1251
Cs-138	3.0962	2.6839	2.8559	2.8139	3.4627	3.1850	3.3344	5.7444
Cs-139	0.3060	0.2609	0.2812	0.2742	0.3478	0.3202	0.3271	0.6061
Cs-140	2.1164	1.8276	1.9233	1.9128	2.3520	2.1955	2.2127	3.9890
Cu-57	0.1595	0.1372	0.1458	0.1401	0.1816	0.1682	0.1671	0.3116
Cu-59	0.8255	0.7217	0.7533	0.7459	0.8990	0.8307	0.8647	1.4546
Cu-60	3.0407	2.5694	2.7945	2.7282	3.4329	3.1480	3.2737	6.0286
Cu-61	0.9030	0.7519	0.8121	0.8765	0.8576	0.7213	0.8604	1.1902
Cu-62	0.0244	0.0185	0.0225	0.0248	0.0202	0.0158	0.0224	0.0302
Cu-64	0.3110	0.2169	0.2877	0.3400	0.2039	0.1291	0.2618	0.2563

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1516	0.1308	0.1379	0.1321	0.1729	0.1604	0.1576	0.2913
Cu-67	1.4570	1.3332	1.3973	1.4393	1.5163	1.2616	1.3892	1.6929
Cu-69	0.9437	0.8212	0.8544	0.8363	1.0506	0.9849	0.9792	1.7548
Dy-148	2.9642	2.6768	2.7434	2.8358	3.0200	2.6491	2.8555	4.3482
Dy-149	4.4695	4.0111	4.2149	4.2793	4.6064	3.9543	4.4201	6.5874
Dy-150	1.9714	1.8205	1.8723	1.9224	1.9590	1.6959	1.9723	2.6055
Dy-151	4.3787	3.8926	4.1024	4.1860	4.4647	3.8887	4.3733	6.4446
Dy-152	3.1144	2.8086	2.8852	3.0021	3.1298	2.5896	3.1371	3.6318
Dy-153	5.4275	4.9520	5.1483	5.3192	5.4156	4.4656	5.2548	6.9117
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.7611	3.4221	3.5755	3.6700	3.8645	3.2284	3.7755	4.8492
Dy-157	3.1584	2.8669	2.9487	3.0427	3.1080	2.6043	3.0638	3.8623
Dy-159	1.5931	1.4681	1.5592	1.6307	1.4815	1.1293	1.4745	1.7353
Dy-165m	0.5109	0.4139	0.4833	0.5377	0.4148	0.3033	0.4581	0.5039
Dy-165	0.2838	0.2607	0.2700	0.2824	0.2819	0.2265	0.2638	0.3525
Dy-166	1.2987	1.1633	1.2230	1.3235	1.2033	0.8926	1.1417	1.4650
Dy-167	2.7534	2.4642	2.5064	2.5940	2.8453	2.4994	2.7832	3.7956
Dy-168	2.5896	2.3586	2.4621	2.5387	2.6496	2.2858	2.6044	3.4499
Er-154	1.9436	1.7559	1.8903	2.0021	1.7986	1.3505	1.8719	2.1233
Er-156	2.5867	2.2364	2.4870	2.6904	2.2787	1.6607	2.3178	2.6220
Er-159	3.5863	3.2162	3.3478	3.4555	3.6924	3.1731	3.5033	5.1896
Er-161	3.7695	3.3576	3.5301	3.6185	3.8513	3.2926	3.6909	5.5358
Er-163	1.3458	1.2287	1.3092	1.3824	1.2721	0.9589	1.2356	1.5386
Er-165	1.3050	1.1888	1.2690	1.3416	1.2296	0.9253	1.1969	1.4865
Er-167m	1.2429	1.1237	1.2098	1.2656	1.2700	1.0224	1.2574	1.4504
Er-169	0.0147	0.0102	0.0136	0.0161	0.0095	0.0059	0.0123	0.0117
Er-171	3.2964	2.9876	3.0372	3.1788	3.3322	2.7878	3.2666	4.0326
Er-172	2.9381	2.6647	2.7296	2.8589	3.0016	2.5786	2.8714	4.1529
Er-173	4.8307	4.4507	4.6203	4.7580	5.1214	4.3146	4.9193	6.4073
Es-249	3.8060	3.5242	3.6062	3.7778	3.7676	3.1009	3.8157	4.1697
Es-250	11.2256	10.1560	10.6279	11.1742	10.7899	8.6514	10.9917	11.7912
Es-250m	3.2666	2.9984	3.1031	3.2352	3.2622	2.6520	3.2650	3.6754
Es-251	3.0155	2.7595	2.8983	3.0919	2.8204	2.1457	2.8787	2.6166
Es-253	0.0608	0.0524	0.0586	0.0633	0.0517	0.0364	0.0551	0.0458
Es-254	2.1913	1.8432	2.1001	2.2990	1.8050	1.2426	1.9294	1.6144
Es-254m	1.9307	1.7108	1.7714	1.8395	1.9399	1.6976	1.8997	2.6931
Es-255	0.0012	0.0011	0.0011	0.0011	0.0013	0.0012	0.0013	0.0020
Es-256	0.2987	0.2637	0.2900	0.3094	0.2603	0.1875	0.2890	0.2355
Eu-142	0.4090	0.3578	0.3764	0.3757	0.4356	0.3966	0.4186	0.7050
Eu-142m	5.8349	5.0913	5.2838	5.2919	6.2488	5.8263	5.9505	10.1551

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.7534	0.6727	0.7165	0.7214	0.7728	0.6601	0.7594	1.1069
Eu-144	0.3344	0.2949	0.3174	0.3210	0.3451	0.2956	0.3450	0.5109
Eu-145	3.1242	2.7856	2.9177	2.9378	3.2122	2.8332	3.1181	4.7562
Eu-146	5.6656	5.0313	5.1582	5.2157	5.9826	5.4903	5.6516	9.3813
Eu-147	3.1719	2.9537	3.0482	3.1330	3.1714	2.6449	3.1590	3.8370
Eu-148	6.7645	6.0624	6.1987	6.3191	7.0730	6.4828	6.8353	10.6868
Eu-149	1.5796	1.4299	1.5290	1.6041	1.4112	1.1001	1.4880	1.5659
Eu-150	6.4122	5.7952	5.9138	6.0264	6.5591	5.9061	6.4972	9.2302
Eu-150m	0.2735	0.2507	0.2584	0.2645	0.2676	0.2286	0.2697	0.3393
Eu-152	3.8786	3.5272	3.6263	3.6833	4.0055	3.4823	3.9576	5.4832
Eu-152m	1.0565	0.9610	0.9900	1.0029	1.0781	0.9385	1.0592	1.4958
Eu-152n	1.9383	1.7381	1.7865	1.9516	1.8041	1.3521	1.6276	2.0837
Eu-154	3.2056	2.9023	2.9562	2.9945	3.4426	3.0579	3.3411	5.0179
Eu-154m	2.2052	1.9471	2.0646	2.2791	2.0530	1.5102	1.9255	2.2261
Eu-155	1.3292	1.2501	1.2446	1.3259	1.3178	1.0214	1.1692	1.4960
Eu-156	1.9130	1.6581	1.7517	1.7438	2.0719	1.8635	1.9272	3.3785
Eu-157	2.5525	2.3167	2.3900	2.5370	2.5129	2.0640	2.4441	3.1577
Eu-158	2.5876	2.2541	2.3540	2.3546	2.7703	2.4808	2.5675	4.4210
Eu-159	2.7404	2.5323	2.5704	2.7090	2.7157	2.1692	2.5128	3.3399
F-17	0.0006	0.0005	0.0005	0.0005	0.0006	0.0006	0.0006	0.0011
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	2.0554	1.8397	1.9569	1.9516	2.1282	1.8767	1.9189	2.3614
Fe-53	0.7865	0.7163	0.7228	0.7356	0.8133	0.7467	0.8176	1.1415
Fe-53m	4.5581	3.9451	4.1237	4.0355	5.1302	4.7892	4.7279	8.7357
Fe-55	0.4212	0.2921	0.3896	0.4623	0.2713	0.1686	0.3521	0.3353
Fe-59	1.6217	1.4005	1.4929	1.4331	1.8599	1.7053	1.7140	3.1529
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.2400	1.9501	2.0433	2.0003	2.5058	2.2816	2.3497	4.0003
Fe-62	1.7910	1.6055	1.6549	1.6898	1.8614	1.7602	1.9238	2.8465
Fm-251	2.7452	2.5162	2.6166	2.7953	2.6060	2.0439	2.7233	2.6281
Fm-252	0.1572	0.1382	0.1524	0.1630	0.1366	0.0972	0.1476	0.1186
Fm-253	2.5311	2.2804	2.4321	2.6022	2.3053	1.7267	2.4265	2.1335
Fm-254	0.1708	0.1502	0.1649	0.1756	0.1511	0.1102	0.1616	0.1398
Fm-255	1.7572	1.5133	1.6922	1.8311	1.4829	1.0332	1.5663	1.2848
Fm-256	22.0975	19.5922	20.2801	20.3044	24.1186	21.9615	22.9783	36.7558
Fm-257	2.9625	2.7103	2.8377	3.0071	2.8360	2.2040	2.9014	2.7508
Fr-212	4.3182	3.8072	3.9630	4.1657	4.3505	3.5290	3.9680	5.5899
Fr-219	0.0219	0.0197	0.0199	0.0207	0.0221	0.0192	0.0210	0.0289
Fr-220	0.3725	0.3178	0.3412	0.3798	0.3234	0.2268	0.2881	0.3356
Fr-221	0.3238	0.2949	0.3044	0.3199	0.3363	0.2723	0.3161	0.3718

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	2.1593	1.9528	2.0854	2.1895	2.1536	1.6988	2.0556	2.2388
Fr-223	1.5648	1.4090	1.4845	1.5858	1.4633	1.0721	1.3242	1.5904
Fr-224	2.1906	1.9729	2.0541	2.1251	2.2764	1.9131	2.1835	2.8358
Fr-227	3.4466	3.1422	3.1681	3.3734	3.4824	2.8305	3.0772	4.1997
Ga-64	2.2154	1.8806	2.0333	1.9671	2.5096	2.3268	2.3638	4.4030
Ga-65	2.1205	1.9114	1.9842	2.1347	2.0955	1.7058	2.0796	2.4498
Ga-66	1.8167	1.4739	1.6823	1.7000	1.8761	1.6573	1.8564	3.1901
Ga-67	2.7857	2.3052	2.5958	2.8528	2.4362	1.8693	2.4973	2.8826
Ga-68	0.1598	0.1203	0.1470	0.1627	0.1311	0.1011	0.1454	0.1922
Ga-70	0.0201	0.0170	0.0186	0.0189	0.0206	0.0180	0.0197	0.0299
Ga-72	3.5274	3.0354	3.1825	3.1319	3.9143	3.6915	3.6507	6.7654
Ga-73	3.3615	2.7420	3.0535	3.3336	2.9685	2.3804	3.1556	3.7290
Ga-74	3.9107	3.3832	3.5542	3.5458	4.3280	4.0444	4.0768	7.2906
Gd-142	1.8042	1.6266	1.6970	1.7226	1.8519	1.6061	1.8071	2.5012
Gd-143m	4.7952	4.2878	4.4166	4.5038	4.9606	4.3353	4.8725	6.7758
Gd-144	1.2104	1.0921	1.1530	1.1751	1.2005	1.0107	1.1879	1.6201
Gd-145m	2.0241	1.7513	1.8278	1.8880	2.0439	1.8579	1.9847	3.1985
Gd-145	2.5994	2.2480	2.4386	2.4364	2.7537	2.4135	2.6895	4.3742
Gd-146	5.2771	4.9950	5.1121	5.2790	5.1648	4.2047	5.1131	5.5692
Gd-147	5.7514	5.2047	5.3632	5.4488	5.9655	5.2446	5.8475	8.1217
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	4.2033	3.8488	3.9521	4.0346	4.1834	3.5863	4.0939	5.1093
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8726	1.6855	1.8118	1.8998	1.6965	1.3262	1.7567	1.8959
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.8292	2.6604	2.7731	2.8708	2.7068	2.1290	2.6272	2.9659
Gd-159	0.5588	0.5141	0.5309	0.5510	0.5485	0.4519	0.5401	0.6837
Gd-162	1.9575	1.7726	1.8177	1.8649	1.9831	1.8175	2.0371	2.8268
Ge-66	3.6404	3.1065	3.3880	3.6385	3.3565	2.7498	3.4945	4.2578
Ge-67	2.1259	1.9001	2.0017	1.9742	2.2631	2.0391	2.0355	2.8047
Ge-68	1.0330	0.7174	0.9558	1.1337	0.6665	0.4142	0.8625	0.8212
Ge-69	1.9857	1.5848	1.8172	1.9325	1.8378	1.5501	1.9008	2.8442
Ge-71	1.0477	0.7277	0.9695	1.1498	0.6760	0.4201	0.8748	0.8329
Ge-75	0.2499	0.2234	0.2250	0.2327	0.2647	0.2296	0.2635	0.3105
Ge-77	4.1806	3.7623	3.8554	3.9244	4.4969	4.0119	4.3940	6.0172
Ge-78	1.8812	1.6731	1.6745	1.7286	1.9690	1.7200	1.9579	2.3547
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.2025	1.9679	2.0138	2.1406	2.2159	1.8154	2.0996	2.6968
Hf-169	3.2691	2.9390	3.0381	3.2377	3.3064	2.7909	3.2353	4.4268
Hf-170	4.4137	3.9297	4.1133	4.4230	4.3787	3.5374	4.1421	5.3739

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	3.6124	3.1652	3.3731	3.7698	3.3697	2.4702	3.3448	3.8778
Hf-173	5.0065	4.6545	4.6401	4.9980	5.1145	4.1290	5.0045	5.7746
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.3834	3.0301	3.1147	3.3344	3.3834	2.7528	3.2189	4.2074
Hf-177m	18.8347	16.9454	17.3856	18.3000	19.3912	16.2908	18.7844	23.2497
Hf-178m	13.7812	12.3821	12.7263	13.3371	14.1449	12.1808	13.7690	18.3611
Hf-179m	7.8512	7.0622	7.2855	7.7307	7.9420	6.6587	7.7631	9.6993
Hf-180m	7.0193	6.3318	6.5117	6.8444	7.2245	6.1384	7.0246	9.0845
Hf-181	3.4191	3.1122	3.1570	3.3479	3.4715	3.0051	3.5072	4.4568
Hf-182	1.9940	1.7736	1.7916	1.8787	2.0695	1.7603	2.0191	2.4065
Hf-182m	5.9331	5.3012	5.4817	5.8085	6.0508	5.0768	5.7975	7.7107
Hf-183	2.9044	2.6077	2.5743	2.7318	3.0649	2.6583	2.7562	4.4738
Hf-184	3.9181	3.3029	3.6388	3.9981	3.4901	2.7277	3.6449	4.0671
Hg-190	4.1321	3.6643	3.7089	4.1461	3.9944	3.0543	3.5981	4.3726
Hg-191m	6.9645	6.0818	6.2134	6.7129	7.0404	5.8398	6.6219	9.2251
Hg-192	4.2573	3.6952	3.7709	4.2429	4.0924	3.1000	3.7039	4.6431
Hg-193	4.1929	3.6312	3.7454	4.1298	4.1455	3.2692	3.7418	5.3277
Hg-193m	4.0188	3.5266	3.5944	3.8854	4.0830	3.3880	3.7467	5.6054
Hg-194	0.5700	0.4117	0.5310	0.6203	0.3883	0.2418	0.4575	0.4336
Hg-195	2.7359	2.3224	2.4165	2.7927	2.5363	1.8286	2.2462	2.9761
Hg-195m	3.2860	2.6969	2.9584	3.3598	2.8764	2.1075	2.8237	3.3291
Hg-197	2.5036	2.1266	2.1807	2.5700	2.2635	1.5524	1.9486	2.5639
Hg-197m	2.3939	2.0521	2.1620	2.4527	2.1558	1.5860	2.0900	2.3581
Hg-199m	3.0029	2.6132	2.7046	2.9474	2.8776	2.2697	2.5110	3.2746
Hg-203	1.8513	1.6415	1.6398	1.7298	1.8993	1.6059	1.8343	2.2564
Hg-205	0.0592	0.0544	0.0565	0.0596	0.0627	0.0504	0.0585	0.0698
Hg-206	0.8685	0.7701	0.7669	0.8151	0.8753	0.7352	0.8185	1.0904
Hg-207	4.5519	3.9503	4.1241	4.1725	4.9226	4.3774	4.6530	7.6145
Ho-150	2.5366	2.2335	2.2805	2.2821	2.7194	2.5612	2.5524	4.5008
Ho-153	3.1537	2.8381	2.9004	2.9914	3.2309	2.7618	3.1104	4.2470
Ho-153m	3.6808	3.3512	3.4605	3.5585	3.7465	3.2038	3.6262	4.7932
Ho-154m	7.9220	7.1477	7.2930	7.4177	8.2075	7.4629	8.1427	11.8254
Ho-154	4.0129	3.5840	3.6716	3.7246	4.1884	3.7574	4.0689	6.0339
Ho-155	3.1112	2.8145	2.9579	3.0758	3.0729	2.5178	3.0313	3.8065
Ho-156	5.4590	4.9141	5.0441	5.1575	5.7133	4.9614	5.5647	7.6963
Ho-157	4.6635	4.2413	4.4140	4.5880	4.6302	3.7898	4.4892	5.7465
Ho-159	5.0610	4.7063	4.8161	5.0424	5.0409	4.0740	4.9685	5.8611
Ho-160	5.6296	5.0160	5.2060	5.3041	5.8521	5.1365	5.5061	8.6693
Ho-161	2.1684	1.9688	2.1074	2.2255	2.0025	1.5243	2.0954	2.3698
Ho-162	1.8185	1.6464	1.7445	1.8472	1.7051	1.2968	1.6552	2.0979

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	3.5184	3.1127	3.3410	3.4897	3.4365	2.7732	3.3450	4.3996
Ho-163	0.0169	0.0117	0.0156	0.0185	0.0109	0.0068	0.0141	0.0135
Ho-164	1.0224	0.9272	0.9883	1.0491	0.9491	0.7137	0.9289	1.1316
Ho-164m	2.0998	1.7977	2.0128	2.1966	1.8225	1.3219	1.8758	2.1650
Ho-166	0.4236	0.3631	0.3872	0.4314	0.3780	0.2738	0.3587	0.4799
Ho-166m	6.3599	5.6699	5.8420	5.9637	6.6733	5.9554	6.3129	9.4876
Ho-167	2.4451	2.2052	2.2404	2.3177	2.4820	2.1488	2.4304	3.2120
Ho-168	2.4169	2.1143	2.1809	2.2253	2.5264	2.2925	2.3685	4.0021
Ho-168m	0.4609	0.3669	0.4366	0.4908	0.3617	0.2516	0.4029	0.4414
Ho-170	5.5067	4.8689	5.0558	5.1383	5.8051	5.0775	5.4681	8.3177
I-118m	7.0924	6.2871	6.3838	6.4440	7.7015	7.2070	7.1974	12.2701
I-118	2.4344	2.1550	2.1955	2.2234	2.6399	2.4670	2.4905	4.2279
I-119	2.6080	2.3591	2.3847	2.4582	2.7303	2.3186	2.7608	3.2082
I-120	2.9384	2.5855	2.7085	2.7210	3.1941	2.9227	3.1129	5.1000
I-120m	6.1820	5.4805	5.6010	5.6736	6.6875	6.2341	6.3633	10.6468
I-121	2.9387	2.7503	2.8590	2.9186	3.1168	2.5650	3.1504	3.4869
I-122	0.6375	0.5816	0.5962	0.6082	0.6633	0.5825	0.6664	0.9245
I-123	2.8618	2.6542	2.7514	2.7326	2.9477	2.5037	2.7932	3.1662
I-124	2.4590	2.2215	2.2817	2.3223	2.6023	2.2949	2.5567	3.7621
I-125	2.1189	2.0233	2.0960	2.1453	2.0991	1.5813	2.2459	2.1247
I-126	1.8916	1.7358	1.7581	1.7901	1.9694	1.7490	1.9589	2.7342
I-128	0.3299	0.3035	0.3101	0.3157	0.3400	0.3053	0.3510	0.4698
I-129	1.1191	1.0680	1.1064	1.1332	1.1239	0.8159	1.0559	1.0250
I-130m	0.6266	0.5603	0.5918	0.6159	0.6196	0.5186	0.6312	0.8013
I-130	5.7139	5.0811	5.1402	5.2067	6.1265	5.8177	5.8467	9.8589
I-131	1.7511	1.6113	1.7472	1.7959	1.8786	1.8747	1.9375	1.9007
I-132	4.9431	4.3465	4.4107	4.4263	5.3841	5.1162	5.0130	8.9447
I-132m	1.6462	1.4706	1.5331	1.5804	1.6721	1.4413	1.6348	2.2439
I-133	1.8397	1.6414	1.6824	1.7110	1.9432	1.8349	1.9380	3.0329
I-134m	2.8715	2.6379	2.6830	2.7556	2.9588	2.4194	2.9390	3.2796
I-134	5.0073	4.3831	4.5144	4.4568	5.5062	5.1885	5.1682	9.1574
I-135	2.0902	1.7998	1.9167	1.8709	2.3611	2.1677	2.2298	3.9826
In-103	3.6055	3.2120	3.3667	3.3436	3.9701	3.6002	3.7881	5.9244
In-105	3.3154	3.0342	3.0591	3.1171	3.5624	3.1663	3.5718	4.9012
In-106	6.0234	5.3068	5.4263	5.4148	6.5960	6.1825	6.1879	10.6974
In-106m	2.6856	2.3399	2.4183	2.4360	2.9580	2.7588	2.7720	4.9217
In-107	3.1695	2.8786	3.0163	3.0380	3.3970	2.9620	3.4822	4.6164
In-108	7.9806	7.0480	7.2510	7.2397	8.7079	7.9788	8.3763	13.5580
In-108m	2.9020	2.5501	2.6606	2.6727	3.1576	2.8860	3.0940	5.0870
In-109	3.3816	3.1481	3.2635	3.3199	3.5975	3.0473	3.7311	4.4078

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.6348	1.4543	1.4472	1.4815	1.7701	1.6758	1.6249	2.8530
In-110	7.4690	6.6318	6.7697	6.7662	8.0807	7.5008	7.7800	12.8643
In-110m	2.2645	2.0243	2.0487	2.0833	2.4270	2.2419	2.3458	3.7854
In-111	4.6861	4.3085	4.4279	4.4824	4.9116	4.2064	4.9962	5.4323
In-111m	1.6696	1.5020	1.5353	1.5702	1.7435	1.6317	1.7784	2.6485
In-112	0.4718	0.4441	0.4560	0.4664	0.4709	0.3906	0.5500	0.5660
In-112m	1.0674	1.0100	1.0441	1.0556	1.0534	0.8701	1.2241	1.1777
In-113m	1.5203	1.4146	1.4296	1.4529	1.5551	1.3991	1.6580	2.1074
In-114	0.0086	0.0079	0.0083	0.0083	0.0088	0.0075	0.0099	0.0118
In-114m	0.9526	0.8919	0.9300	0.9478	0.9663	0.8055	1.0778	1.1375
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.3370	1.2308	1.2477	1.2738	1.3443	1.1595	1.4556	1.6781
In-116m	3.3829	2.9339	3.1105	3.0253	3.8101	3.5084	3.5959	6.4200
In-117	3.5250	3.1810	3.2658	3.2548	3.7177	3.4501	3.4621	4.9534
In-117m	0.9534	0.8740	0.8940	0.8981	0.9699	0.8442	0.9886	1.1402
In-118m	4.3100	3.7424	3.9212	3.8176	4.8605	4.5138	4.4815	8.2102
In-118	0.1038	0.0896	0.0955	0.0920	0.1180	0.1088	0.1099	0.2035
In-119	1.9613	1.7253	1.7661	1.7734	2.0730	1.9489	2.0267	3.4117
In-119m	0.2567	0.2298	0.2428	0.2468	0.2577	0.2184	0.2841	0.3504
In-121	1.7995	1.5663	1.6174	1.5823	1.9987	1.8718	1.8535	3.2945
In-121m	0.8543	0.8178	0.8163	0.8620	0.8913	0.7033	0.9462	1.0311
Ir-180	4.8180	4.2684	4.3267	4.6304	4.9625	4.2225	4.7315	6.5088
Ir-182	4.6373	4.1199	4.1891	4.5175	4.7559	3.9496	4.5852	5.9430
Ir-183	4.8631	4.2096	4.3699	4.8405	4.9093	3.9138	4.5277	6.2650
Ir-184	6.9812	6.1380	6.3069	6.7550	7.2133	6.0548	6.8706	9.5002
Ir-185	4.7466	4.0113	4.2871	4.8382	4.5685	3.4804	4.2893	5.5469
Ir-186	6.7394	5.9507	6.0752	6.5217	6.9325	5.8373	6.5587	9.0667
Ir-186m	3.8568	3.3722	3.4587	3.7236	4.0022	3.3735	3.6953	5.5095
Ir-187	3.2193	2.7548	2.8778	3.2957	3.1250	2.3609	2.8450	3.7345
Ir-188	4.7037	4.0504	4.2481	4.5474	4.9081	4.1135	4.4653	6.8530
Ir-189	2.3287	1.9589	2.0790	2.4460	2.1722	1.5340	1.9907	2.3706
Ir-190	7.5692	6.7538	6.9166	7.3348	7.8508	6.8027	7.4460	10.5049
Ir-190m	0.5744	0.4019	0.5322	0.6294	0.3746	0.2328	0.4758	0.4529
Ir-190n	1.8120	1.5558	1.6146	1.9053	1.7396	1.2275	1.5427	1.8668
Ir-191m	2.3489	1.9950	2.1169	2.4623	2.1283	1.5237	2.0677	2.2966
Ir-192	4.2936	3.8324	3.8627	3.9958	4.4197	3.9282	4.3242	5.8664
Ir-192m	0.6364	0.4538	0.5914	0.6945	0.4264	0.2652	0.5166	0.4917
Ir-192n	1.3304	0.9518	1.2358	1.4506	0.8970	0.5591	1.0790	1.0307
Ir-193m	0.5732	0.4035	0.5307	0.6274	0.3779	0.2356	0.4739	0.4537
Ir-194	0.3846	0.3419	0.3443	0.3531	0.3996	0.3557	0.3855	0.5399

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	9.1156	8.1530	8.2436	8.4849	9.4825	8.6898	9.2478	13.7650
Ir-195	1.8232	1.5582	1.6321	1.8939	1.6899	1.1933	1.5059	1.8528
Ir-195m	2.9200	2.5692	2.6376	2.8671	2.8933	2.3684	2.7239	3.6052
Ir-196	0.7768	0.6938	0.7020	0.7143	0.8148	0.7460	0.7918	1.1987
Ir-196m	9.9057	8.8910	9.0429	9.3248	10.2368	9.3616	10.0697	14.8664
K-38	1.3917	1.1307	1.2822	1.2464	1.5709	1.4375	1.4775	2.8819
K-40	0.1655	0.1386	0.1530	0.1515	0.1876	0.1685	0.1830	0.3251
K-42	0.2720	0.2291	0.2514	0.2483	0.3155	0.2850	0.3090	0.5477
K-43	3.4481	3.1152	3.1183	3.1829	3.6532	3.4039	3.5160	5.4196
K-44	2.2658	1.9252	2.0829	2.0117	2.5843	2.3839	2.4120	4.5223
K-45	2.8788	2.5278	2.7123	2.6642	3.2096	2.8905	2.9823	4.6532
K-46	2.1819	1.8443	2.0277	1.9493	2.5225	2.3112	2.3971	4.5401
Kr-74	2.8711	2.5971	2.6585	2.8402	2.8937	2.3264	2.6881	3.2656
Kr-75	2.4242	2.2673	2.2582	2.3546	2.5019	2.1262	2.4362	2.7547
Kr-76	3.7368	3.2466	3.4535	3.6547	3.5450	2.8851	3.4540	4.1672
Kr-77	2.5504	2.4379	2.3751	2.5079	2.6345	2.2177	2.6450	2.7305
Kr-79	1.7375	1.4552	1.6119	1.7445	1.5613	1.2078	1.5102	1.7777
Kr-81	0.9778	0.7667	0.9235	1.0431	0.7472	0.4668	0.7101	0.6722
Kr-81m	1.5610	1.4310	1.5306	1.5635	1.6458	1.3545	1.5191	1.7274
Kr-83m	0.4437	0.3426	0.4182	0.4754	0.3311	0.2068	0.3299	0.3103
Kr-85	0.0078	0.0070	0.0072	0.0073	0.0081	0.0076	0.0083	0.0124
Kr-85m	1.7473	1.6043	1.6279	1.6286	1.8251	1.6180	1.6457	1.9875
Kr-87	1.3664	1.2244	1.2642	1.2635	1.4685	1.3689	1.4469	2.2923
Kr-88	2.2489	1.9503	2.1172	2.0944	2.4993	2.2256	2.3455	3.8611
Kr-89	2.8037	2.4544	2.5803	2.5701	3.0962	2.8411	2.9779	4.9232
La-128	5.5376	4.9121	5.0314	5.0823	5.9347	5.3818	5.7161	8.6606
La-129	2.4202	2.2284	2.2662	2.3251	2.5296	2.1074	2.3703	2.9165
La-130	4.0151	3.5890	3.6812	3.7081	4.2771	3.8764	4.1063	6.2789
La-131	3.1572	2.9342	2.9962	3.0707	3.2830	2.7007	3.0332	3.7254
La-132	3.6515	3.2700	3.3988	3.4335	3.8819	3.4704	3.7243	5.6598
La-132m	3.2897	3.0370	3.0726	3.1631	3.4235	2.9277	3.2843	4.1979
La-133	1.4620	1.3231	1.4095	1.4761	1.4279	1.0329	1.2594	1.3583
La-134	0.5369	0.4990	0.5186	0.5326	0.5545	0.4171	0.4715	0.5633
La-135	1.1531	1.0874	1.1345	1.1685	1.1712	0.8206	0.9705	0.9844
La-136	0.7778	0.7308	0.7622	0.7830	0.7938	0.5649	0.6593	0.7019
La-137	1.0852	1.0234	1.0695	1.1029	1.0991	0.7613	0.9059	0.9015
La-138	2.1277	1.8682	1.9818	1.9749	2.3310	2.0242	2.1522	3.5310
La-140	3.4707	3.0114	3.1806	3.1845	3.8202	3.5156	3.7702	6.2227
La-141	0.0284	0.0242	0.0262	0.0254	0.0328	0.0299	0.0310	0.0576
La-142	2.3401	2.0031	2.1313	2.1051	2.6277	2.4467	2.4491	4.5331

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.3438	0.2965	0.3119	0.3085	0.3835	0.3573	0.3589	0.6525
Lu-165	4.5311	4.1090	4.2456	4.4845	4.6320	3.7977	4.4409	5.9128
Lu-167	5.0451	4.4506	4.7143	4.9222	5.1830	4.2979	4.9765	7.0778
Lu-169m	0.4244	0.2946	0.3927	0.4658	0.2736	0.1700	0.3546	0.3376
Lu-169	4.5903	4.0644	4.2991	4.4871	4.7585	3.9308	4.4560	6.5639
Lu-170	4.3354	3.7496	4.0330	4.1524	4.5657	3.8504	4.2939	6.9451
Lu-171m	0.4528	0.3162	0.4187	0.4964	0.2951	0.1843	0.3784	0.3634
Lu-171	4.5892	3.9928	4.2468	4.5884	4.4231	3.5248	4.2455	5.8944
Lu-172	6.3083	5.5354	5.8254	6.0280	6.5393	5.5692	6.1347	9.4410
Lu-172m	0.3816	0.2648	0.3531	0.4189	0.2460	0.1529	0.3189	0.3036
Lu-173	3.6616	3.2956	3.4240	3.7168	3.6072	2.7423	3.3333	4.3126
Lu-174	1.8818	1.6504	1.7660	1.9439	1.7806	1.3115	1.6784	2.1858
Lu-174m	2.3945	2.0014	2.2331	2.5266	2.1021	1.4949	2.1014	2.4699
Lu-176	4.4532	3.9848	4.1548	4.3740	4.5483	3.7586	4.4120	5.3576
Lu-176m	0.5309	0.4427	0.4854	0.5540	0.4626	0.3279	0.4468	0.5433
Lu-177	0.4794	0.4387	0.4590	0.4887	0.4937	0.3959	0.4816	0.5436
Lu-177m	9.6581	8.7910	9.0387	9.5366	9.9819	8.2922	9.6286	11.6997
Lu-178	0.4713	0.4014	0.4372	0.4716	0.4583	0.3616	0.4370	0.6153
Lu-178m	8.0978	7.3466	7.4750	7.8630	8.3003	6.9876	7.9023	10.3371
Lu-179	0.2645	0.2448	0.2543	0.2625	0.2880	0.2413	0.2810	0.3225
Lu-180	3.8830	3.4255	3.5944	3.6634	4.1292	3.6129	3.9535	6.0088
Lu-181	3.3439	2.9138	3.0846	3.2891	3.3044	2.7740	3.2188	4.3986
Mg-27	1.6519	1.4349	1.4830	1.4442	1.8313	1.7383	1.6956	3.1269
Mg-28	3.0226	2.7433	2.8419	2.8069	3.3354	2.8978	3.0914	4.7678
Mn-50m	5.2886	4.5661	4.7944	4.6792	5.9462	5.5582	5.5425	10.2353
Mn-51	0.0184	0.0142	0.0168	0.0184	0.0157	0.0128	0.0170	0.0240
Mn-52	5.0038	4.2813	4.5301	4.4862	5.4998	5.0991	5.2028	9.3613
Mn-52m	1.4902	1.2638	1.3777	1.3461	1.7222	1.5628	1.6558	3.0005
Mn-53	0.3430	0.2379	0.3173	0.3765	0.2209	0.1373	0.2867	0.2730
Mn-54	1.9961	1.6769	1.7923	1.8236	2.0298	1.8739	1.9771	3.4036
Mn-56	2.2515	1.9258	2.0268	1.9857	2.4926	2.3540	2.3430	4.3655
Mn-57	1.0774	0.9033	1.0033	1.1098	0.9313	0.7098	0.9875	1.0624
Mn-58m	3.6096	3.1293	3.2791	3.2169	4.0034	3.7622	3.8045	6.8758
Mo-101	2.9853	2.6139	2.7495	2.7691	3.2192	2.9115	3.0805	4.9585
Mo-102	0.1882	0.1757	0.1795	0.1822	0.2031	0.1748	0.1943	0.2207
Mo-89	0.3719	0.3246	0.3389	0.3354	0.4075	0.3737	0.3762	0.6590
Mo-90	4.9346	4.5950	4.6231	4.8028	5.0203	4.1087	4.9254	5.1254
Mo-91m	1.5763	1.3773	1.4261	1.4280	1.7444	1.6086	1.6156	2.8501
Mo-91	0.0869	0.0798	0.0848	0.0872	0.0822	0.0608	0.0759	0.0704
Mo-93	1.1341	1.0574	1.1145	1.1559	1.0283	0.7204	0.9357	0.6622

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	4.6182	4.0507	4.1862	4.2299	5.0344	4.5396	4.8155	7.5825
Mo-99	0.5689	0.5180	0.5259	0.5290	0.6059	0.5483	0.5737	0.8307
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9021	0.7219	0.8246	0.8145	1.0628	0.9669	1.0413	2.1165
Na-22	1.5023	1.2891	1.3881	1.3262	1.7361	1.5887	1.6063	3.0494
Na-24	2.7975	2.3587	2.6261	2.5198	3.2622	2.9920	3.1064	5.8596
Nb-87	3.1200	2.9466	3.0664	3.1502	3.2788	2.6509	3.1184	3.2188
Nb-88m	6.0194	5.2931	5.4853	5.4261	6.6124	6.1355	6.2575	10.6228
Nb-88	7.7913	6.9074	7.0962	7.1097	8.3895	7.5522	7.7857	12.6117
Nb-89	0.7601	0.6652	0.7205	0.7203	0.7964	0.6731	0.7405	1.1126
Nb-89m	1.8281	1.6420	1.6975	1.7343	1.8735	1.7190	1.8822	2.7054
Nb-90	5.2577	4.6565	4.9167	4.8839	5.6809	4.9739	5.2732	8.1046
Nb-91	1.1616	1.0731	1.1390	1.1871	1.0332	0.7092	0.8888	0.6400
Nb-91m	1.0045	0.9330	0.9848	1.0199	0.9178	0.6513	0.8352	0.6355
Nb-92	4.4983	4.0075	4.1500	4.1870	4.6768	4.1586	4.3432	6.6155
Nb-92m	2.8271	2.5153	2.6407	2.6406	2.8993	2.4633	2.6038	3.7982
Nb-93m	0.2261	0.2052	0.2209	0.2324	0.1988	0.1381	0.1869	0.1371
Nb-94m	0.7852	0.7294	0.7704	0.7998	0.7112	0.5002	0.6498	0.4717
Nb-94	3.2832	2.8736	2.9208	2.9003	3.5954	3.4350	3.3197	6.0916
Nb-95	1.6631	1.4557	1.4754	1.4664	1.8034	1.7400	1.6839	3.1053
Nb-95m	1.2652	1.1674	1.2158	1.2575	1.2363	0.9508	1.1700	1.0598
Nb-96	5.3145	4.6754	4.7981	4.7697	5.7859	5.4685	5.4948	9.5339
Nb-97	1.6789	1.4868	1.4804	1.5113	1.8268	1.7400	1.6570	2.9885
Nb-98m	5.1033	4.4466	4.5771	4.5390	5.5936	5.2921	5.2452	9.4556
Nb-99	3.0546	2.9410	2.9189	3.0176	3.1554	2.5925	3.0100	3.0720
Nb-99m	1.1389	1.0071	1.0569	1.0575	1.2329	1.1032	1.1741	1.8348
Nd-134	3.3596	3.1000	3.2030	3.2298	3.4555	2.9152	3.1779	3.7997
Nd-135	3.9572	3.6430	3.7976	3.8914	4.0615	3.4232	3.9817	4.8593
Nd-136	3.0247	2.8352	2.9318	3.0233	2.9771	2.3672	2.8395	3.1680
Nd-137	3.4496	3.1404	3.2083	3.2953	3.5406	2.9712	3.2887	4.6053
Nd-138	1.2549	1.1786	1.2306	1.2689	1.2037	0.9009	1.1298	1.1547
Nd-139	1.2695	1.1773	1.2245	1.2515	1.2608	1.0108	1.1902	1.4402
Nd-139m	5.1821	4.7173	4.8347	4.8879	5.4398	4.7399	5.1096	7.4970
Nd-140	1.1345	1.0671	1.1177	1.1537	1.0787	0.7948	1.0093	1.0096
Nd-141	1.1587	1.0887	1.1399	1.1740	1.1090	0.8237	1.0362	1.0623
Nd-141m	1.6202	1.4255	1.4459	1.4440	1.7428	1.6606	1.6267	2.9230
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.5170	1.4179	1.4359	1.4949	1.4959	1.2130	1.3997	1.7604
Nd-149	2.8026	2.5917	2.6375	2.7154	2.9224	2.4964	2.8485	3.4608
Nd-151	3.1570	2.9038	2.9282	2.9841	3.3626	2.9490	3.2368	4.4372

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	1.3385	1.1855	1.2165	1.2688	1.3471	1.1378	1.3466	1.5612
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Ne-24	1.9214	1.7333	1.7757	1.8041	2.0046	1.8898	2.0528	3.0387
Ni-56	6.2402	5.4257	5.6948	5.7484	6.4281	5.8793	6.1007	9.1482
Ni-57	2.1111	1.7810	1.9507	1.9912	2.2365	1.9494	2.2385	3.5888
Ni-59	0.5947	0.4125	0.5501	0.6528	0.3830	0.2380	0.4971	0.4734
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6992	0.6005	0.6429	0.6287	0.7962	0.7272	0.7600	1.3454
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	6.2348	5.5602	5.8107	6.0000	6.2261	5.2159	5.8532	7.7159
Np-233	2.2213	2.0337	2.1460	2.2627	2.1373	1.6334	1.9481	2.0910
Np-234	3.5834	3.1686	3.4051	3.5370	3.5812	2.8901	3.3652	4.4112
Np-235	0.8771	0.7308	0.8401	0.9224	0.7106	0.4730	0.7055	0.5971
Np-236	4.9901	4.4429	4.8055	5.0709	4.6060	3.4681	4.2832	4.2603
Np-236m	1.2662	1.1515	1.2229	1.2932	1.2023	0.9098	1.1029	1.1622
Np-237	1.8158	1.5980	1.7305	1.8676	1.6116	1.1268	1.4872	1.4390
Np-238	1.7019	1.4719	1.5880	1.6114	1.7189	1.4435	1.6285	2.3290
Np-239	3.4471	3.1236	3.3091	3.4921	3.3242	2.5945	3.2307	3.3215
Np-240	5.2378	4.6498	4.9243	5.0898	5.1911	4.3393	4.9952	6.4019
Np-240m	1.4951	1.3112	1.3919	1.4548	1.4562	1.2237	1.4271	1.8564
Np-241	0.8592	0.7884	0.8333	0.8745	0.8300	0.6454	0.7910	0.8052
Np-242	0.4860	0.4187	0.4456	0.4496	0.5114	0.4550	0.4857	0.7936
Np-242m	4.5166	3.9619	4.2226	4.3528	4.4185	3.6802	4.2400	5.4499
O-14	1.3617	1.1169	1.2690	1.2264	1.5627	1.4332	1.4612	2.8427
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6675	2.4420	2.5973	2.5949	3.0094	2.6016	2.8724	3.9148
Os-180	2.6376	2.2351	2.3863	2.7536	2.4550	1.7740	2.3338	2.7621
Os-181	5.8486	5.1114	5.2833	5.7273	6.0295	4.9364	5.6152	7.8329
Os-182	4.0862	3.5642	3.7499	4.1198	4.0298	3.2391	3.8541	4.8879
Os-183	5.6140	5.0039	5.0960	5.6307	5.6682	4.5336	5.2588	6.8366
Os-183m	3.1327	2.7005	2.8271	3.0471	3.2692	2.6669	2.9545	4.5416
Os-185	3.2054	2.7961	2.8477	3.1299	3.2909	2.7511	2.9561	4.5409
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.5524	0.3855	0.5115	0.6055	0.3589	0.2230	0.4587	0.4367
Os-190m	7.5933	6.7165	6.9910	7.2825	7.7401	6.8964	7.6061	10.7010
Os-191	2.4742	2.1200	2.2260	2.5878	2.2738	1.6364	2.1872	2.4467
Os-191m	0.7001	0.5204	0.6404	0.7589	0.5174	0.3362	0.5824	0.6006
Os-193	0.7714	0.6683	0.6942	0.7781	0.7373	0.5743	0.6977	0.8758
Os-194	0.5484	0.4085	0.5138	0.5927	0.3870	0.2525	0.4573	0.4476
Os-196	0.7417	0.6693	0.6685	0.7392	0.7569	0.6087	0.7105	0.8924

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0011	0.0009	0.0010	0.0010	0.0012	0.0011	0.0011	0.0022
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9291	0.8168	0.8732	0.9593	0.8422	0.5963	0.7525	0.7904
Pa-228	6.5511	5.7918	6.1121	6.3826	6.4321	5.2650	5.9802	7.9526
Pa-229	1.9898	1.7908	1.8860	2.0259	1.8566	1.3683	1.6382	1.8265
Pa-230	3.7605	3.3375	3.5203	3.6833	3.6698	2.9638	3.3575	4.4401
Pa-231	1.7335	1.4564	1.6459	1.7967	1.4511	1.0129	1.4388	1.3565
Pa-232	3.3969	2.9866	3.1577	3.2258	3.4246	2.9533	3.2543	4.6155
Pa-233	2.9323	2.6088	2.7518	2.9054	2.7809	2.1890	2.6400	2.9368
Pa-234	6.5029	5.7858	6.0792	6.2843	6.5256	5.4775	6.1715	8.2058
Pa-234m	0.0518	0.0455	0.0483	0.0493	0.0527	0.0446	0.0489	0.0707
Pa-235	0.2005	0.1393	0.1856	0.2200	0.1295	0.0805	0.1673	0.1593
Pa-236	2.3540	2.0501	2.1682	2.2408	2.3923	2.0601	2.2401	3.3614
Pa-237	1.5919	1.3789	1.4430	1.4626	1.6563	1.5351	1.6106	2.6526
Pb-194	4.8561	4.2848	4.3385	4.7155	4.9084	3.9581	4.3831	6.4656
Pb-195m	7.1589	6.3042	6.4417	6.8526	7.1240	6.0524	6.6717	9.8315
Pb-196	4.4934	3.9767	3.9832	4.3956	4.4338	3.4960	3.9890	5.4145
Pb-197	4.5794	4.0295	4.0886	4.3496	4.6810	3.9277	4.2473	6.6570
Pb-197m	6.2055	5.4857	5.5839	5.9872	6.1764	5.1386	5.7302	8.2069
Pb-198	4.3270	3.8255	3.8334	4.2111	4.2463	3.3520	3.7850	5.1228
Pb-199	3.8968	3.4279	3.4590	3.7366	3.9242	3.2067	3.5262	5.3360
Pb-200	3.8514	3.3979	3.4143	3.8200	3.6859	2.7792	3.2056	4.1452
Pb-201	4.5080	3.9801	3.9812	4.3095	4.4850	3.6590	4.0416	5.8276
Pb-201m	1.6772	1.4772	1.4669	1.5959	1.6923	1.4258	1.4661	2.3933
Pb-202	0.5508	0.3931	0.5120	0.6009	0.3693	0.2296	0.4467	0.4247
Pb-202m	5.5467	4.9065	5.0255	5.0969	5.8599	5.3734	5.5674	9.0628
Pb-203	3.7039	3.2611	3.2440	3.5961	3.6283	2.8195	3.2579	4.2440
Pb-204m	4.9841	4.4005	4.5016	4.4805	5.3740	4.9813	5.0683	8.4963
Pb-205	0.5575	0.3979	0.5182	0.6082	0.3738	0.2324	0.4521	0.4298
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.6289	0.4926	0.5948	0.6716	0.4764	0.3077	0.4894	0.4746
Pb-211	0.2116	0.1896	0.1918	0.1958	0.2209	0.2023	0.2118	0.3349
Pb-212	1.7719	1.5836	1.5753	1.7167	1.7726	1.3891	1.5984	2.0185
Pb-214	1.9452	1.7277	1.7388	1.8517	1.9271	1.5994	1.8088	2.3946
Pd-100	3.6787	3.5264	3.3725	3.6210	3.7550	2.8276	3.5922	3.8395
Pd-101	2.8164	2.6274	2.6955	2.7570	2.8730	2.3405	3.1673	3.0441
Pd-103	1.0261	0.9796	1.0129	1.0384	1.0251	0.7826	1.1999	0.8851
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.4383	1.3524	1.4168	1.4284	1.5441	1.2939	1.5467	1.6337

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.5860	0.5537	0.5715	0.5921	0.5688	0.4429	0.6740	0.5906
Pd-111	0.1238	0.1111	0.1122	0.1148	0.1337	0.1209	0.1277	0.2018
Pd-112	0.4621	0.4290	0.4534	0.4716	0.4322	0.3132	0.4500	0.3250
Pd-114	0.2442	0.2322	0.2277	0.2379	0.2605	0.2218	0.2688	0.2860
Pd-96	4.0131	3.7374	3.7179	3.8142	4.2767	3.7673	4.3818	5.6804
Pd-97	3.5407	3.1244	3.2448	3.2650	3.8248	3.4232	3.8087	5.5318
Pd-98	3.3122	3.1567	3.1716	3.2716	3.4764	2.8645	3.5376	3.7654
Pd-99	3.2495	3.0343	3.0291	3.1030	3.4537	2.9903	3.5128	4.1807
Pm-136	5.3017	4.7365	4.7948	4.8284	5.6377	5.2572	5.4114	8.6598
Pm-137m	5.8413	5.3539	5.4890	5.5887	6.0941	5.2825	5.8459	7.6611
Pm-139	1.0391	0.9531	0.9831	1.0014	1.0510	0.9044	1.0272	1.3778
Pm-140m	5.5983	4.9772	5.1181	5.0801	6.0276	5.5947	5.7500	9.5153
Pm-140	0.3952	0.3545	0.3691	0.3702	0.4123	0.3643	0.3917	0.5959
Pm-141	0.8621	0.7894	0.8322	0.8456	0.8600	0.6957	0.8237	1.0522
Pm-142	0.3380	0.3115	0.3287	0.3373	0.3298	0.2592	0.3199	0.3781
Pm-143	1.7986	1.6488	1.7077	1.7456	1.7767	1.4801	1.6935	2.2449
Pm-144	5.3462	4.8112	4.8782	4.9890	5.5846	5.0919	5.2677	8.3097
Pm-145	1.2024	1.1227	1.1769	1.2242	1.1211	0.8372	1.0821	1.1085
Pm-146	2.9276	2.6543	2.7176	2.7630	3.0062	2.7108	2.9384	4.3250
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.9501	0.8277	0.8666	0.8637	1.0503	0.9784	1.0124	1.7428
Pm-148m	5.7264	5.1024	5.1579	5.2463	6.1244	5.7444	5.8146	9.5574
Pm-149	0.0732	0.0647	0.0658	0.0681	0.0747	0.0651	0.0747	0.0931
Pm-150	3.0507	2.6822	2.7670	2.7548	3.2947	3.0167	3.1568	5.0901
Pm-151	2.2335	2.0393	2.0840	2.1317	2.2890	1.9869	2.2111	2.8344
Pm-152m	5.0692	4.5911	4.6632	4.7617	5.3895	4.7171	5.3248	7.1502
Pm-152	0.8937	0.8230	0.8296	0.8496	0.9418	0.8246	0.9299	1.2829
Pm-153	1.3088	1.2446	1.2430	1.3132	1.3083	1.0453	1.2977	1.3673
Pm-154	2.6668	2.3115	2.4448	2.4440	2.8623	2.5405	2.6763	4.5710
Pm-154m	4.7108	4.2079	4.3667	4.4347	5.0080	4.3896	4.7727	7.0664
Po-203	5.0356	4.4162	4.5066	4.7586	5.1519	4.2617	4.5440	7.2331
Po-204	7.3446	6.4020	6.5181	7.1323	7.1048	5.5835	6.3135	9.0641
Po-205	4.8197	4.2171	4.2700	4.5165	4.9291	4.1128	4.3272	7.1206
Po-206	6.0684	5.2791	5.4220	5.8282	5.9196	4.8154	5.3743	7.8710
Po-207	4.3862	3.8533	3.8813	4.1089	4.4816	3.7325	3.9080	6.3967
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0614	0.0488	0.0553	0.0623	0.0517	0.0386	0.0537	0.0657
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0192	0.0169	0.0173	0.0173	0.0208	0.0196	0.0196	0.0339
Po-212m	0.0700	0.0604	0.0648	0.0642	0.0782	0.0728	0.0744	0.1325

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003
Po-215	0.0007	0.0007	0.0007	0.0007	0.0008	0.0007	0.0008	0.0011
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	7.2619	6.5301	6.6494	6.7085	7.7579	7.0969	7.4113	11.3901
Pr-134m	3.2814	2.9405	3.0375	3.0535	3.4980	3.2025	3.4229	5.2815
Pr-135	2.5185	2.3199	2.3603	2.4391	2.5727	2.0828	2.3664	2.9617
Pr-136	3.7045	3.3009	3.4181	3.4598	3.9343	3.5910	3.8055	5.9589
Pr-137	1.0485	0.9772	1.0198	1.0446	1.0405	0.7949	0.9447	1.0683
Pr-138	0.3555	0.3302	0.3442	0.3524	0.3544	0.2736	0.3212	0.3798
Pr-138m	6.1367	5.4446	5.5978	5.5873	6.5466	5.8702	6.1349	9.6167
Pr-139	1.0707	1.0079	1.0538	1.0853	1.0444	0.7597	0.9390	0.9521
Pr-140	0.5707	0.5374	0.5618	0.5787	0.5564	0.4045	0.5003	0.5060
Pr-142	0.0540	0.0453	0.0500	0.0497	0.0628	0.0565	0.0622	0.1092
Pr-142m	0.0270	0.0187	0.0250	0.0296	0.0174	0.0108	0.0226	0.0215
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0365	0.0314	0.0328	0.0327	0.0404	0.0380	0.0376	0.0695
Pr-144m	0.5519	0.4933	0.5372	0.5693	0.4936	0.3566	0.4859	0.4845
Pr-145	0.0523	0.0468	0.0475	0.0482	0.0555	0.0493	0.0508	0.0827
Pr-146	1.8022	1.5892	1.6564	1.6576	1.9556	1.8236	1.9270	3.1589
Pr-147	3.0556	2.8185	2.8584	2.9639	3.0563	2.5072	2.8730	3.7537
Pr-148	2.3234	2.0423	2.0936	2.1037	2.4918	2.2557	2.3913	3.6630
Pr-148m	3.5987	3.2139	3.2435	3.3051	3.7726	3.4335	3.6934	5.2953
Pt-184	8.1419	7.1090	7.3352	8.1958	8.0285	6.2585	7.2781	9.4084
Pt-186	4.1279	3.6013	3.6596	4.0754	4.1688	3.3709	3.7301	5.4152
Pt-187	5.0051	4.3735	4.4873	5.0477	4.9720	3.8373	4.4938	5.9051
Pt-188	3.5140	3.0629	3.1900	3.6158	3.4419	2.5845	3.1235	3.8399
Pt-189	4.6652	4.0444	4.1501	4.7225	4.5767	3.4944	4.1059	5.4582
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.1519	3.6166	3.6857	4.2423	4.0585	3.0372	3.6100	4.6824
Pt-193	0.5874	0.4163	0.5454	0.6419	0.3900	0.2424	0.4800	0.4566
Pt-193m	0.9099	0.6958	0.8256	0.9751	0.6996	0.4584	0.7407	0.7988
Pt-195m	3.0265	2.4967	2.7223	3.1781	2.6396	1.8210	2.4827	2.9189
Pt-197	0.8689	0.7160	0.7723	0.8933	0.7360	0.5056	0.6823	0.8512
Pt-197m	2.0630	1.6909	1.8489	2.1445	1.7936	1.2644	1.7134	2.0387
Pt-199	0.9470	0.8385	0.8639	0.9046	0.9665	0.8502	0.9389	1.3309
Pt-200	1.4419	1.2282	1.2828	1.4699	1.3106	0.9441	1.1969	1.4861
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.6514	1.5194	1.6060	1.6889	1.5930	1.2219	1.4803	1.5322
Pu-234	1.8966	1.7361	1.8430	1.9426	1.8131	1.3819	1.6915	1.7321
Pu-235	2.5644	2.3342	2.4892	2.6283	2.4291	1.8397	2.2763	2.3204
Pu-236	0.2701	0.2306	0.2601	0.2822	0.2253	0.1516	0.2193	0.1797
Pu-237	1.8343	1.6453	1.7736	1.8912	1.6965	1.2563	1.6033	1.5790
Pu-238	0.2493	0.2128	0.2400	0.2605	0.2078	0.1397	0.2022	0.1655
Pu-239	0.1451	0.1175	0.1381	0.1536	0.1136	0.0751	0.1187	0.1020
Pu-240	0.2345	0.2002	0.2258	0.2450	0.1955	0.1315	0.1903	0.1558
Pu-241	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2011	0.1717	0.1936	0.2101	0.1677	0.1128	0.1632	0.1337
Pu-243	0.6984	0.6375	0.6277	0.6915	0.6607	0.4791	0.5624	0.7093
Pu-244	0.2010	0.1727	0.1920	0.2057	0.1765	0.1277	0.1710	0.1682
Pu-245	2.0760	1.8808	1.9262	1.9812	2.1211	1.8322	2.0527	2.6873
Pu-246	2.8286	2.6128	2.7401	2.8607	2.7760	2.1813	2.7121	2.7752
Ra-219	1.3643	1.2179	1.2190	1.2874	1.3517	1.1199	1.2441	1.6520
Ra-220	0.0187	0.0169	0.0173	0.0176	0.0193	0.0180	0.0197	0.0285
Ra-221	1.0286	0.8914	0.9601	1.0374	0.9288	0.6960	0.8438	0.9405
Ra-222	0.0565	0.0505	0.0507	0.0521	0.0574	0.0504	0.0556	0.0732
Ra-223	2.1652	1.9244	1.9504	2.1222	2.0602	1.5844	1.8197	2.3284
Ra-224	0.0936	0.0838	0.0852	0.0892	0.0977	0.0817	0.0953	0.1091
Ra-225	0.7168	0.6539	0.7009	0.7354	0.6275	0.4634	0.6219	0.5837
Ra-226	1.3518	1.1941	1.3471	1.3920	1.4934	1.4894	1.5565	1.5241
Ra-227	2.2143	1.9217	2.0813	2.2294	2.0065	1.5265	1.9667	2.1183
Ra-228	1.3552	1.2079	1.3546	1.3962	1.4904	1.4862	1.5451	1.5206
Ra-230	1.0853	0.9728	1.0044	1.0879	1.0546	0.8151	0.9504	1.1618
Rb-77	2.4667	2.2543	2.2240	2.3680	2.6963	2.2549	2.3016	3.3967
Rb-78m	4.1770	3.6848	3.8259	3.8332	4.5288	4.2052	4.3578	7.2581
Rb-78	3.0752	2.6724	2.8557	2.8351	3.3498	3.1048	3.2845	5.5821
Rb-79	3.1902	2.8848	2.9668	3.0412	3.2905	2.8782	3.0644	4.0922
Rb-80	0.5036	0.4465	0.4470	0.4594	0.5420	0.5107	0.4948	0.8638
Rb-81	1.4451	1.2558	1.3547	1.4306	1.3621	1.1033	1.2685	1.6372
Rb-81m	0.8183	0.7198	0.7802	0.8407	0.7256	0.4786	0.5571	0.5592
Rb-82	0.3114	0.2700	0.2798	0.2817	0.3273	0.3034	0.3025	0.5326
Rb-82m	6.2130	5.4170	5.6307	5.6883	6.6016	6.0454	6.1315	10.4166
Rb-83	2.5745	2.2370	2.3951	2.5235	2.4744	2.0901	2.3581	3.2212
Rb-84	1.7945	1.5335	1.6469	1.6829	1.8033	1.5420	1.6148	2.5865
Rb-84m	2.6489	2.3860	2.4530	2.5360	2.7661	2.3689	2.7126	3.2430
Rb-86m	1.7310	1.5461	1.5708	1.6093	1.8286	1.7282	1.7901	2.8459
Rb-86	0.1371	0.1182	0.1251	0.1197	0.1568	0.1450	0.1431	0.2658
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.6040	0.5063	0.5506	0.5383	0.6802	0.6287	0.6457	1.2049
Rb-89	2.6048	2.2309	2.3830	2.2985	2.9692	2.7432	2.7368	5.1024
Rb-90	1.3817	1.1746	1.2684	1.2237	1.5572	1.4676	1.4817	2.8292
Rb-90m	3.2416	2.7768	2.9570	2.8769	3.6297	3.4113	3.4370	6.4028
Re-178	4.1718	3.6336	3.8369	4.1168	4.2678	3.4790	4.0577	5.5379
Re-179	5.2851	4.6629	4.8218	5.1807	5.3749	4.4802	5.1605	6.9897
Re-180	4.3540	3.7686	3.9626	4.2559	4.4266	3.6507	4.0904	6.0991
Re-181	5.2302	4.5930	4.7480	5.1770	5.2370	4.2692	4.9329	6.7006
Re-182	9.9221	8.7498	9.0971	9.7991	10.1888	8.2253	9.4495	12.5359
Re-182m	4.9441	4.3240	4.4839	4.9053	5.0960	4.0294	4.5439	6.6180
Re-183	3.9640	3.4045	3.6362	4.0999	3.7542	2.7916	3.4899	4.2095
Re-184	3.9113	3.4065	3.5395	3.8254	3.9809	3.2880	3.6850	5.4490
Re-184m	3.7630	3.2338	3.4428	3.8192	3.6314	2.8219	3.4614	4.3277
Re-186	0.4381	0.3916	0.4005	0.4488	0.4278	0.3296	0.4108	0.4592
Re-186m	1.8393	1.3768	1.7034	1.9918	1.3524	0.8908	1.5525	1.5815
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.5144	0.4540	0.4736	0.4924	0.5216	0.4483	0.4684	0.6135
Re-188m	2.5162	2.1070	2.2813	2.6619	2.2958	1.6219	2.1614	2.5261
Re-189	0.6176	0.5414	0.5741	0.6181	0.6170	0.4986	0.6026	0.7019
Re-190	5.3422	4.8148	4.9280	5.0450	5.6831	5.1300	5.4551	7.9276
Re-190m	4.6691	4.1605	4.2790	4.5233	4.8015	4.1619	4.6195	6.4314
Rh-100m	1.5805	1.5014	1.5328	1.5872	1.5907	1.2111	1.7422	1.4651
Rh-100	4.8428	4.2920	4.5073	4.5252	5.1923	4.6575	5.1663	7.7578
Rh-101	4.0180	3.8669	3.8887	4.0329	4.2414	3.4636	4.3924	4.2250
Rh-101m	2.6800	2.4518	2.4925	2.5576	2.7091	2.2573	2.7907	2.9515
Rh-102	1.7627	1.6181	1.6665	1.7007	1.8041	1.5716	1.8839	2.2849
Rh-102m	6.4195	5.7656	5.8893	5.9500	6.8172	6.2348	6.6654	10.1064
Rh-103m	0.1501	0.1328	0.1457	0.1554	0.1356	0.0999	0.1619	0.1269
Rh-104	0.0418	0.0376	0.0383	0.0392	0.0440	0.0406	0.0437	0.0653
Rh-104m	1.7024	1.6406	1.6699	1.7169	1.7481	1.3413	1.8121	1.7924
Rh-105	0.4609	0.4116	0.4119	0.4212	0.4727	0.4189	0.4637	0.6017
Rh-106	0.5958	0.5310	0.5419	0.5521	0.6328	0.5980	0.6218	0.9933
Rh-106m	6.3201	5.5879	5.7569	5.7632	6.8460	6.4246	6.6314	11.0064
Rh-107	1.7857	1.6000	1.6019	1.6403	1.8478	1.6439	1.8227	2.3676
Rh-108	1.1398	1.0339	1.0454	1.0645	1.1979	1.1263	1.1942	1.8031
Rh-109	1.9841	1.8049	1.8175	1.8571	2.0609	1.8084	2.0444	2.5345
Rh-94	3.7462	3.2426	3.4210	3.3682	4.2021	3.8741	4.0097	7.0482
Rh-95	2.6895	2.3437	2.4714	2.4223	2.9917	2.7274	2.8426	4.8346
Rh-95m	1.7661	1.5760	1.6201	1.6458	1.8690	1.7494	1.8684	2.9016
Rh-96	6.5401	5.7485	5.8594	5.8717	7.1333	6.7108	6.6523	11.7309

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.7217	1.5218	1.5929	1.5830	1.8588	1.6669	1.8502	2.8241
Rh-97	2.5637	2.3268	2.3871	2.4052	2.6938	2.4389	2.7139	3.8414
Rh-97m	3.9068	3.5033	3.7063	3.7072	4.2215	3.6828	4.1560	5.7688
Rh-98	1.9610	1.7334	1.7478	1.7772	2.1330	2.0009	1.9641	3.4332
Rh-99	3.7858	3.5083	3.5557	3.6627	3.8566	3.2178	3.8685	4.4729
Rh-99m	2.9911	2.7313	2.7834	2.8360	3.0723	2.6327	3.1065	3.7533
Rn-207	3.9883	3.5564	3.5580	3.7555	4.0177	3.4156	3.6360	5.5141
Rn-209	4.4114	3.9334	3.9572	4.1702	4.4535	3.7780	4.0409	6.2003
Rn-210	0.3283	0.2898	0.2953	0.3157	0.3239	0.2661	0.2925	0.4278
Rn-211	5.3761	4.7260	4.8322	5.0146	5.5715	4.8235	5.0291	8.1871
Rn-212	0.0008	0.0007	0.0007	0.0008	0.0009	0.0009	0.0008	0.0015
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0022	0.0019	0.0019	0.0020	0.0023	0.0022	0.0021	0.0037
Rn-219	0.3800	0.3417	0.3420	0.3564	0.3907	0.3395	0.3825	0.4900
Rn-220	1.5258	1.3833	1.5209	1.5651	1.6495	1.6470	1.7113	1.6639
Rn-222	0.0014	0.0013	0.0013	0.0013	0.0015	0.0014	0.0015	0.0022
Rn-223	2.2941	1.9889	2.1122	2.2651	2.1654	1.7390	2.0172	2.6730
Ru-103	1.7822	1.6008	1.6468	1.6815	1.8538	1.7479	1.9109	2.8165
Ru-105	2.4534	2.2045	2.2208	2.2551	2.6055	2.4036	2.5392	3.8532
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9672	0.8699	0.8991	0.9006	1.0532	0.9561	1.0142	1.5261
Ru-108	0.8429	0.7777	0.7990	0.7937	0.8886	0.7773	0.8001	0.9482
Ru-92	8.4324	7.8106	7.9672	8.1738	8.8671	7.3931	8.8073	9.8748
Ru-94	2.9114	2.6712	2.7326	2.7790	2.9544	2.5254	2.9602	3.5491
Ru-95	3.6858	3.3146	3.4024	3.4393	3.8404	3.3468	3.7411	5.0659
Ru-97	2.9838	2.7784	2.8879	2.9611	3.1049	2.5140	3.1033	3.0956
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.2007	1.0044	1.1608	1.0917	1.4117	1.3142	1.4236	2.7048
S-38	1.2366	1.0005	1.1280	1.1063	1.3811	1.2582	1.3176	2.5343
Sb-111	2.8899	2.6305	2.7046	2.6887	3.0450	2.7734	2.9288	4.0040
Sb-113	2.3517	2.1320	2.1921	2.2324	2.4231	2.2057	2.5548	3.5053
Sb-114	2.6091	2.2654	2.4078	2.3441	2.9255	2.6644	2.8055	4.9087
Sb-115	2.5506	2.3314	2.4076	2.4557	2.5978	2.3517	2.8435	3.7137
Sb-116	2.4550	2.1500	2.2935	2.2356	2.7199	2.4439	2.6887	4.4724
Sb-116m	7.3131	6.6135	6.8466	6.8130	7.8742	7.0531	7.8674	11.7138
Sb-117	2.8139	2.6112	2.7050	2.6784	2.8692	2.4979	2.9022	3.2389
Sb-118	0.3494	0.3285	0.3413	0.3454	0.3476	0.2871	0.4133	0.4456
Sb-118m	7.2339	6.5068	6.7436	6.7185	7.7332	6.7581	7.8939	10.9206

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	1.3519	1.2782	1.3348	1.3729	1.2827	1.0180	1.6201	1.4833
Sb-120	0.6600	0.6292	0.6514	0.6637	0.6409	0.5163	0.7947	0.7635
Sb-120m	7.4726	6.8282	7.0505	7.0640	8.1224	6.9873	7.7830	11.2677
Sb-122m	2.2064	2.0932	2.0416	2.2424	2.3050	1.7270	2.1835	2.4959
Sb-122	1.3482	1.2043	1.2205	1.2480	1.4320	1.3526	1.3939	2.2456
Sb-124	3.0471	2.6540	2.7400	2.7708	3.3525	3.1376	3.1602	5.5654
Sb-124m	1.3718	1.2087	1.2360	1.2763	1.4327	1.3427	1.3881	2.2487
Sb-124n	0.0941	0.0653	0.0871	0.1033	0.0606	0.0377	0.0787	0.0749
Sb-125	2.2975	2.1200	2.1592	2.2012	2.3855	2.0926	2.3826	3.1738
Sb-126	7.3357	6.5313	6.5637	6.6407	7.9040	7.4956	7.4230	12.6945
Sb-126m	4.4594	3.9941	4.0078	4.0699	4.7725	4.5192	4.5266	7.5539
Sb-127	2.1263	1.8993	1.9182	1.9496	2.2665	2.1200	2.1897	3.4871
Sb-128	8.1004	7.1593	7.2309	7.2919	8.7003	8.2002	8.1993	13.8829
Sb-128m	5.2598	4.6376	4.6794	4.7052	5.6099	5.2567	5.3028	8.8078
Sb-129	2.7137	2.3684	2.4497	2.4238	2.9797	2.8028	2.8114	4.9508
Sb-130m	5.8673	5.1630	5.3278	5.2461	6.4328	6.0374	6.0120	10.4089
Sb-130	8.6125	7.6368	7.8322	7.8014	9.2930	8.6157	8.8147	14.2119
Sb-131	3.3226	2.8859	3.0011	2.9605	3.6912	3.4353	3.4390	6.1177
Sb-133	3.3859	2.9106	3.0936	3.0170	3.8166	3.5330	3.5887	6.5009
Sc-42m	4.7794	4.1789	4.4189	4.3652	5.3207	4.8953	5.1890	8.7665
Sc-43	0.4267	0.3856	0.3912	0.4008	0.4344	0.3951	0.4387	0.5999
Sc-44	1.5736	1.3525	1.4433	1.3815	1.8029	1.6584	1.6557	3.1024
Sc-44m	1.7099	1.5145	1.5237	1.5746	1.7938	1.5627	1.7882	2.1536
Sc-46	3.2081	2.7743	2.9057	2.8041	3.6166	3.3861	3.3283	6.1862
Sc-47	1.2763	1.1578	1.2015	1.1618	1.3552	1.2421	1.1500	1.4915
Sc-48	4.8647	4.1957	4.4487	4.2722	5.5574	5.1293	5.0995	9.3808
Sc-49	0.0009	0.0007	0.0008	0.0008	0.0010	0.0009	0.0010	0.0018
Sc-50	4.6304	4.0080	4.2569	4.2128	5.1761	4.7799	5.0233	8.6374
Se-70	3.6733	3.0324	3.4436	3.7725	3.1598	2.4322	3.3572	3.8979
Se-71	1.8403	1.6513	1.6965	1.6902	1.9753	1.7909	1.8422	2.7245
Se-72	2.3964	1.9185	2.2791	2.5462	1.8683	1.2875	2.0434	2.1603
Se-73	3.3727	2.9946	3.0164	3.3052	3.3818	2.7602	3.1390	4.1988
Se-73m	0.5339	0.4377	0.4875	0.5413	0.4677	0.3569	0.4676	0.5701
Se-75	4.5386	3.9554	4.1651	4.4920	4.3075	3.5166	4.4832	4.8681
Se-77m	1.4813	1.2677	1.3959	1.4379	1.4070	1.1817	1.2829	1.5223
Se-79m	1.0144	0.7901	0.9534	1.0821	0.7770	0.5133	0.7988	0.8091
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0347	0.0308	0.0310	0.0318	0.0366	0.0330	0.0359	0.0493
Se-81m	1.0797	0.8547	1.0229	1.1502	0.8483	0.5760	0.8734	0.8762
Se-83m	1.6241	1.4112	1.4705	1.4473	1.7967	1.6646	1.6781	2.9327

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	5.6929	5.0348	5.2036	5.2164	6.1509	5.6682	5.9654	9.4549
Se-84	1.8256	1.6818	1.6933	1.7183	1.9007	1.7755	1.9305	2.7457
Si-31	0.0011	0.0009	0.0010	0.0009	0.0012	0.0011	0.0011	0.0021
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.9511	2.6397	2.6940	2.7493	3.0649	2.7115	2.9913	4.1245
Sm-140	2.0644	1.9007	1.9720	2.0200	2.0585	1.7018	2.0211	2.4798
Sm-141	2.6114	2.3692	2.4469	2.4745	2.7007	2.4215	2.6939	3.8735
Sm-141m	5.2642	4.7782	4.9842	5.0213	5.5894	4.9297	5.4011	7.7122
Sm-142	1.1153	1.0441	1.0974	1.1344	1.0252	0.7841	1.0287	1.0578
Sm-143	0.7189	0.6685	0.7033	0.7235	0.6740	0.5256	0.6718	0.7385
Sm-143m	1.6204	1.4265	1.4475	1.4476	1.7362	1.6531	1.6274	2.9062
Sm-145	2.2851	2.1457	2.2334	2.3297	2.1401	1.6285	2.1008	2.1923
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0027	0.0020	0.0025	0.0029	0.0019	0.0013	0.0024	0.0022
Sm-153	1.5934	1.5047	1.5572	1.6159	1.5466	1.2209	1.4879	1.6854
Sm-155	1.6959	1.6294	1.6624	1.7049	1.7629	1.4466	1.6419	1.8735
Sm-156	1.6649	1.5124	1.5660	1.6498	1.6674	1.3426	1.5620	1.8838
Sm-157	2.5562	2.3817	2.4786	2.5236	2.7485	2.3359	2.6591	3.2879
Sn-106	4.4460	4.0809	4.1516	4.2163	4.6501	4.1028	4.8694	6.2679
Sn-108	4.4524	4.1119	4.1771	4.2484	4.6013	4.0369	4.8028	5.8506
Sn-109	3.7078	3.2893	3.4664	3.4358	4.0070	3.5721	4.0947	6.1893
Sn-110	2.8800	2.6363	2.6709	2.7429	2.9255	2.4811	3.1807	3.4450
Sn-111	0.9570	0.8955	0.9311	0.9431	0.9588	0.7951	1.1347	1.2176
Sn-113	1.0903	1.0424	1.0757	1.0990	1.0588	0.8478	1.3249	1.1918
Sn-113m	0.7615	0.7223	0.7510	0.7721	0.7258	0.5761	0.9095	0.8419
Sn-117m	2.6453	2.4436	2.5356	2.5068	2.7026	2.3660	2.6783	3.0333
Sn-119m	0.9250	0.8608	0.9098	0.9439	0.8598	0.6784	1.0968	1.0000
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2989	0.2727	0.2926	0.3068	0.2749	0.2078	0.3196	0.3004
Sn-123	0.0101	0.0087	0.0092	0.0088	0.0115	0.0107	0.0105	0.0196
Sn-123m	1.7595	1.6055	1.6662	1.6214	1.8574	1.6779	1.6301	2.0429
Sn-125m	1.8544	1.6647	1.6685	1.7021	1.9071	1.7063	1.8782	2.5012
Sn-125	0.5338	0.4619	0.4841	0.4707	0.5958	0.5551	0.5548	1.0004
Sn-126	1.5119	1.4184	1.3887	1.5044	1.5094	1.1427	1.3996	1.7101
Sn-127m	1.7517	1.5693	1.6223	1.6499	1.8335	1.7243	1.8903	2.8126
Sn-127	3.4642	3.0420	3.1683	3.1251	3.8192	3.5210	3.6273	6.0939
Sn-128	4.5719	4.2742	4.3121	4.4487	4.6509	3.9158	4.8151	5.9511
Sn-129	2.1443	1.8887	1.9085	1.9292	2.3519	2.2173	2.1572	3.8506

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	4.6643	4.2956	4.3465	4.4601	5.0106	4.3410	4.7951	6.5787
Sn-130m	2.7770	2.5300	2.5595	2.5965	2.9691	2.6084	2.8491	4.1708
Sr-79	1.9937	1.8583	1.9036	1.9620	1.9945	1.6261	1.8483	2.1116
Sr-80	2.0490	1.8210	1.9134	1.9945	2.0192	1.6642	1.7814	2.3654
Sr-81	2.7285	2.4927	2.5502	2.5633	2.8799	2.5740	2.6632	3.5417
Sr-82	0.9082	0.7920	0.8767	0.9430	0.7862	0.5006	0.5964	0.5263
Sr-83	2.5386	2.2356	2.3729	2.4621	2.4697	1.9972	2.1537	2.9571
Sr-85	2.6354	2.3393	2.4690	2.5705	2.5832	2.1951	2.4338	3.2687
Sr-85m	2.0299	1.8383	1.8960	1.9543	2.1473	1.8129	2.0798	2.3427
Sr-87m	1.6474	1.5110	1.5297	1.5609	1.6822	1.5173	1.6630	2.2613
Sr-89	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3424	1.1706	1.2039	1.1855	1.4909	1.4030	1.3713	2.4885
Sr-92	1.5647	1.3395	1.4440	1.4050	1.7976	1.6372	1.7092	3.0848
Sr-93	4.5126	3.9666	4.1019	4.0966	4.9073	4.5455	4.5833	7.7129
Sr-94	1.5542	1.3223	1.4313	1.3992	1.7914	1.6349	1.7113	3.1229
Ta-170	2.1877	1.9199	2.0455	2.1923	2.1863	1.7545	2.0643	2.7393
Ta-172	4.7511	4.1771	4.4173	4.6426	4.9464	4.1038	4.6625	6.6622
Ta-173	3.8480	3.3566	3.5528	3.9044	3.7858	2.9252	3.4882	4.6186
Ta-174	3.8630	3.4182	3.6323	3.9021	3.9323	3.1178	3.7121	4.8239
Ta-175	5.0429	4.4785	4.6496	4.9996	5.1900	4.1905	4.8562	6.6677
Ta-176	4.7672	4.1117	4.3931	4.6285	4.9766	4.1391	4.6706	7.2527
Ta-177	1.8145	1.6082	1.6824	1.8946	1.7756	1.3023	1.6300	2.0151
Ta-178	1.9039	1.6679	1.7604	1.9832	1.8456	1.3494	1.6887	2.1451
Ta-178m	9.9412	8.9774	9.1673	9.7490	10.1156	8.3600	9.5717	12.4662
Ta-179	1.0138	0.8553	0.9371	1.0725	0.9211	0.6524	0.8864	1.0597
Ta-180	1.5618	1.3694	1.4448	1.6353	1.5050	1.0899	1.3767	1.7136
Ta-182	4.0861	3.5924	3.7251	3.9469	4.3252	3.5622	3.8829	5.8630
Ta-182m	4.8816	4.2435	4.5508	4.9409	4.7162	3.7231	4.4630	5.2909
Ta-183	4.5671	3.9650	4.1969	4.6168	4.4136	3.4384	4.2254	5.0336
Ta-184	7.0392	6.2264	6.4374	6.7080	7.2246	6.3105	7.0928	9.7851
Ta-185	2.5537	2.2055	2.3729	2.5918	2.4692	1.9383	2.3250	2.7829
Ta-186	6.4267	5.8112	5.9616	6.1729	6.8101	5.9929	6.6019	9.1158
Tb-146	3.3866	2.9118	3.1462	3.1081	3.8027	3.4253	3.6964	6.3406
Tb-147m	2.3983	2.0963	2.2669	2.2637	2.5599	2.2146	2.4935	4.0123
Tb-147	4.4041	3.9461	4.0977	4.1064	4.6917	4.1622	4.4711	6.9798
Tb-148m	8.0153	7.1682	7.2932	7.3503	8.4892	7.8785	8.1120	13.2602
Tb-148	3.4079	2.9941	3.1216	3.1199	3.6256	3.3380	3.4749	5.8843
Tb-149m	3.5365	3.1527	3.2430	3.2748	3.6643	3.3274	3.4774	5.6434
Tb-149	4.1883	3.7649	3.9115	3.9434	4.3295	3.8382	4.1599	6.1011

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	8.2722	7.4295	7.5430	7.7001	8.6532	7.9736	8.2957	13.0242
Tb-150	3.9727	3.5113	3.6689	3.7138	4.1973	3.7799	4.0146	6.5541
Tb-151	5.7075	5.2007	5.3561	5.5027	5.7866	4.9864	5.7022	7.4924
Tb-151m	1.3383	1.0898	1.2645	1.3934	1.1057	0.8238	1.2188	1.4182
Tb-152m	5.1830	4.6730	4.8281	4.9819	5.1945	4.4380	5.1155	6.6128
Tb-152	3.7669	3.3712	3.4982	3.5518	3.8673	3.3888	3.7886	5.4545
Tb-153	3.5419	3.2514	3.4009	3.5252	3.4904	2.8394	3.4209	4.1427
Tb-154	4.2163	3.7645	3.9669	4.0164	4.3897	3.7967	4.2888	6.4530
Tb-155	3.4785	3.2258	3.3228	3.4720	3.3821	2.6832	3.2036	3.8583
Tb-156	6.4956	5.8457	6.1215	6.2284	6.7317	5.8268	6.5402	9.4053
Tb-156m	1.0461	1.0075	1.0375	1.0555	1.0681	0.8246	0.9805	1.3498
Tb-156n	0.3824	0.2916	0.3582	0.4103	0.2802	0.1892	0.3274	0.3397
Tb-157	0.4024	0.3183	0.3819	0.4289	0.3054	0.2124	0.3523	0.3634
Tb-158	3.2776	2.9256	3.0705	3.1436	3.2849	2.7680	3.1293	4.5680
Tb-160	2.9758	2.6189	2.7211	2.7422	3.1606	2.7907	2.9660	4.7116
Tb-161	1.4416	1.2884	1.3732	1.4797	1.3154	0.9824	1.3767	1.5812
Tb-162	4.0141	3.5474	3.6238	3.6927	4.2425	3.7742	4.0681	5.9442
Tb-163	3.5462	3.2060	3.2491	3.3266	3.6667	3.3495	3.6616	5.1791
Tb-164	6.5022	5.7600	5.9466	6.0245	6.9433	6.2775	6.5512	10.3219
Tb-165	1.4441	1.2399	1.3407	1.3448	1.5503	1.3837	1.5027	2.4820
Tc-101	1.9453	1.7417	1.7437	1.7871	2.0123	1.7836	1.9772	2.5550
Tc-102m	4.1965	3.6813	3.8376	3.8444	4.5706	4.2655	4.4307	7.4321
Tc-102	0.2031	0.1811	0.1865	0.1880	0.2162	0.2032	0.2148	0.3387
Tc-104	4.0540	3.5757	3.7062	3.7123	4.3655	4.0173	4.2572	6.7327
Tc-105	3.2401	2.9565	2.9902	3.0440	3.4301	3.0210	3.2918	4.4092
Tc-91	1.4151	1.2048	1.3106	1.2874	1.5933	1.4510	1.5288	2.7017
Tc-91m	1.1876	1.0576	1.0989	1.1133	1.2512	1.1666	1.2698	1.9256
Tc-92	6.7639	6.0220	6.1692	6.2006	7.2779	6.5626	6.9127	10.4836
Tc-93	2.5202	2.2297	2.3906	2.3865	2.6903	2.2625	2.5871	3.7071
Tc-93m	1.8905	1.7157	1.7800	1.7923	1.9726	1.7448	1.9616	2.6978
Tc-94	6.2196	5.5006	5.6416	5.6254	6.6467	6.1162	6.2122	10.3333
Tc-94m	2.2092	1.9330	2.0180	1.9875	2.3943	2.1935	2.2478	3.8103
Tc-95	2.8115	2.5314	2.6066	2.6332	2.8794	2.5098	2.7295	3.8593
Tc-95m	3.5921	3.2986	3.4298	3.4887	3.7570	3.1806	3.6109	4.4672
Tc-96	6.1536	5.4400	5.5931	5.5597	6.5374	6.0137	6.1565	10.1727
Tc-96m	0.6496	0.6029	0.6323	0.6515	0.6250	0.4732	0.6424	0.5487
Tc-97	1.0860	1.0181	1.0682	1.1051	1.0105	0.7230	0.9846	0.6986
Tc-97m	0.8099	0.7615	0.7968	0.8233	0.7701	0.5627	0.8005	0.5774
Tc-98	3.3815	2.9821	2.9876	3.0207	3.6731	3.5170	3.3690	6.1286
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.7340	1.6675	1.6259	1.6733	1.8295	1.5797	1.7848	1.8772
Te-113	1.7977	1.5574	1.6444	1.6123	2.0008	1.8452	1.8981	3.3600
Te-114	3.6266	3.2997	3.4131	3.4712	3.7692	3.2129	3.8569	5.1601
Te-115	2.8941	2.5540	2.6657	2.6469	3.1831	2.8784	3.0781	4.9944
Te-115m	3.2751	2.8666	3.0055	2.9735	3.5922	3.2826	3.4748	5.8653
Te-116	2.3882	2.2750	2.3246	2.3913	2.3835	1.8821	2.5426	2.6720
Te-117	2.6388	2.3534	2.4415	2.4468	2.8198	2.5308	2.8083	4.3487
Te-118	1.0478	1.0009	1.0369	1.0608	1.0221	0.7935	1.1943	1.1144
Te-119	2.7562	2.5119	2.5467	2.6014	2.8863	2.5627	2.8899	4.1640
Te-119m	4.6014	4.1552	4.3117	4.2657	4.9230	4.3340	4.7846	6.6508
Te-121	2.8245	2.5914	2.6490	2.7121	2.9028	2.5679	3.0361	4.0372
Te-121m	2.3949	2.2338	2.3382	2.3929	2.5365	2.0762	2.5782	2.7899
Te-123	0.0834	0.0583	0.0772	0.0913	0.0543	0.0340	0.0702	0.0668
Te-123m	2.3195	2.1257	2.2150	2.1907	2.3905	2.0706	2.2000	2.5790
Te-125m	1.7917	1.7025	1.7702	1.8169	1.7639	1.3259	1.8885	1.7881
Te-127	0.0239	0.0221	0.0223	0.0227	0.0250	0.0227	0.0252	0.0344
Te-127m	0.5937	0.5533	0.5833	0.6056	0.5715	0.4264	0.6194	0.5889
Te-129	0.5246	0.4693	0.4998	0.5219	0.5039	0.4132	0.5444	0.6270
Te-129m	0.4954	0.4606	0.4810	0.4956	0.4879	0.3813	0.5178	0.5503
Te-131	2.2616	2.0810	2.1116	2.1113	2.4001	2.1576	2.2499	2.9803
Te-131m	3.7849	3.3794	3.4637	3.4619	4.0872	3.7111	3.8641	6.1584
Te-132	2.9772	2.7815	2.8603	2.9326	3.1430	2.5385	3.0963	3.3685
Te-133	2.9291	2.5928	2.6531	2.6638	3.1246	2.8521	3.0213	4.6435
Te-133m	4.2629	3.7715	3.8819	3.8689	4.6295	4.2352	4.3705	7.1178
Te-134	4.0131	3.6633	3.6924	3.7825	4.2642	3.7442	4.0302	5.7442
Th-223	1.9458	1.7404	1.8095	1.9592	1.8151	1.3484	1.5909	1.8651
Th-224	0.2976	0.2687	0.2839	0.2914	0.3005	0.2491	0.2735	0.3216
Th-226	0.2743	0.2410	0.2615	0.2824	0.2461	0.1793	0.2338	0.2274
Th-227	2.4244	2.1007	2.2718	2.4438	2.2103	1.6551	2.1011	2.2415
Th-228	0.2510	0.2116	0.2379	0.2616	0.2080	0.1398	0.1940	0.1803
Th-229	3.3025	2.8707	3.1042	3.3855	2.9378	2.1029	2.6665	2.8725
Th-230	1.5659	1.5353	1.5651	1.5764	1.6170	1.6135	1.6208	1.6234
Th-231	2.0450	1.7554	1.9493	2.1240	1.7316	1.1902	1.6937	1.5551
Th-232	1.2067	1.0562	1.1976	1.2438	1.3397	1.3386	1.3985	1.3796
Th-233	0.5979	0.5030	0.5609	0.6131	0.5181	0.3837	0.5145	0.5682
Th-234	0.4030	0.3570	0.3771	0.4162	0.3752	0.2663	0.3288	0.3513
Th-235	0.1920	0.1721	0.1756	0.1795	0.1999	0.1816	0.1902	0.2921
Th-236	0.4040	0.3645	0.3834	0.4060	0.3884	0.3071	0.3692	0.4137
Ti-44	2.9081	2.7374	2.3737	2.8247	3.0598	2.1827	2.1680	3.6005
Ti-45	0.0334	0.0241	0.0308	0.0356	0.0239	0.0167	0.0290	0.0323

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.8648	1.6617	1.6663	1.6975	1.9229	1.7181	1.8719	2.5307
Ti-52	2.2198	2.1743	2.0867	2.2552	2.2575	1.8201	2.3954	2.1781
Tl-190	2.7757	2.4902	2.5064	2.6429	2.8497	2.4962	2.6970	4.0413
Tl-190m	6.9557	6.1956	6.2356	6.4895	7.2844	6.5533	6.8197	10.8058
Tl-194	3.0479	2.7183	2.7233	2.9405	3.0735	2.5955	2.8345	4.1998
Tl-194m	9.2492	8.2029	8.2929	8.7472	9.5238	8.3845	8.8867	13.7204
Tl-195	4.3055	3.6696	3.8410	4.2121	4.1990	3.3365	3.8438	5.6820
Tl-196	4.7214	4.1542	4.2407	4.5046	4.8702	4.1618	4.5286	7.0415
Tl-197	3.2702	2.8722	2.8781	3.2240	3.2032	2.4758	2.7952	4.0057
Tl-198	5.1516	4.5259	4.6281	4.9081	5.3258	4.5333	4.9226	7.7225
Tl-198m	6.3934	5.6263	5.7137	6.1471	6.3937	5.4306	5.9713	8.7009
Tl-199	3.2114	2.8235	2.8414	3.1999	3.1213	2.3629	2.7417	3.6765
Tl-200	4.8960	4.3219	4.3732	4.6625	5.0015	4.2086	4.5884	6.9580
Tl-201	2.6278	2.2716	2.3034	2.6666	2.4443	1.7347	2.0801	2.7478
Tl-202	3.4716	3.0907	3.1016	3.4068	3.4214	2.7896	3.1607	4.4532
Tl-204	0.0427	0.0364	0.0371	0.0437	0.0387	0.0266	0.0331	0.0438
Tl-206m	9.1383	8.1502	8.3113	8.5477	9.6823	8.6097	9.2958	13.4449
Tl-206	0.0020	0.0017	0.0017	0.0020	0.0019	0.0013	0.0015	0.0022
Tl-207	0.0044	0.0039	0.0040	0.0039	0.0049	0.0046	0.0045	0.0083
Tl-208	3.7579	3.2665	3.4444	3.4552	4.1242	3.8156	3.9154	6.7709
Tl-209	5.1832	4.7186	4.8048	4.9778	5.5521	4.8640	5.5093	7.8003
Tl-210	5.6496	4.8900	5.0987	5.1467	5.9827	5.3885	5.6707	9.2134
Tm-161	6.3341	5.7354	6.0285	6.3034	6.3490	5.0972	6.0653	8.1504
Tm-162	3.3298	2.9354	3.1362	3.1984	3.4734	2.9581	3.3027	5.1242
Tm-163	5.3206	4.7866	5.0163	5.2095	5.4601	4.4897	5.1727	7.3949
Tm-164	1.4918	1.3286	1.4183	1.4860	1.4780	1.1763	1.4060	1.9981
Tm-165	4.3642	3.9361	4.0961	4.2767	4.3924	3.6169	4.2662	5.6057
Tm-166	5.0932	4.4790	4.7345	4.8680	5.2596	4.4937	4.9637	7.7882
Tm-167	2.7718	2.4955	2.6829	2.8430	2.7117	2.1002	2.6509	3.2193
Tm-168	5.9327	5.3270	5.5673	5.7402	6.1215	5.2528	5.8274	8.4591
Tm-170	0.1482	0.1255	0.1354	0.1531	0.1303	0.0926	0.1242	0.1579
Tm-171	0.0216	0.0190	0.0202	0.0225	0.0204	0.0148	0.0191	0.0242
Tm-172	1.0375	0.8786	0.9506	1.0002	1.0531	0.8731	1.0085	1.5824
Tm-173	1.8980	1.7444	1.7640	1.8072	1.9594	1.7881	1.9709	2.7672
Tm-174	7.6039	6.7578	6.9766	7.1230	7.9506	6.9854	7.6257	10.6344
Tm-175	3.1445	2.7876	2.8831	2.9297	3.3162	3.0357	3.2355	5.0849
Tm-176	5.2140	4.6109	4.8410	4.9395	5.5116	4.7929	5.2562	7.7801
U-227	2.0098	1.7937	1.8830	2.0010	1.9299	1.4936	1.7817	1.9760
U-228	0.2823	0.2441	0.2699	0.2917	0.2438	0.1702	0.2268	0.2100
U-230	0.2965	0.2522	0.2835	0.3092	0.2469	0.1657	0.2318	0.2000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	3.8649	3.4095	3.6967	3.9804	3.4531	2.4730	3.2232	3.2016
U-232	0.2758	0.2336	0.2648	0.2889	0.2270	0.1508	0.2150	0.1801
U-233	0.1447	0.1212	0.1386	0.1518	0.1178	0.0781	0.1127	0.0964
U-234	1.4092	1.3951	1.4090	1.4128	1.4435	1.4498	1.4492	1.4848
U-235	1.7737	1.6873	1.7684	1.8002	1.8653	1.8560	1.9147	1.9054
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2272	0.1920	0.2183	0.2381	0.1862	0.1233	0.1765	0.1474
U-237	3.4534	3.1313	3.3112	3.5448	3.3587	2.5379	3.1229	3.2883
U-238	1.2295	1.1219	1.2293	1.2580	1.3317	1.3298	1.3540	1.3601
U-239	1.1264	1.0433	0.9693	1.1049	1.1180	0.7990	0.8664	1.2440
U-240	0.7566	0.6460	0.7275	0.7900	0.6375	0.4394	0.6313	0.5486
U-242	0.3881	0.3597	0.3499	0.3828	0.4135	0.3279	0.3497	0.4764
V-47	0.0182	0.0142	0.0168	0.0180	0.0165	0.0134	0.0174	0.0239
V-48	3.3742	2.8815	3.0855	2.9887	3.8027	3.4894	3.5335	6.4844
V-49	0.2324	0.1612	0.2150	0.2551	0.1497	0.0930	0.1943	0.1850
V-50	1.6812	1.3923	1.5449	1.5653	1.8341	1.6396	1.8332	3.1344
V-52	1.4869	1.2600	1.3748	1.3408	1.7252	1.5662	1.6556	3.0186
V-53	1.6340	1.4103	1.4855	1.4257	1.8616	1.7248	1.6989	3.1179
W-177	6.8573	6.1120	6.3221	6.8759	6.8991	5.5391	6.5282	8.4562
W-178	0.8243	0.6613	0.7569	0.8812	0.6932	0.4762	0.7067	0.7995
W-179	2.2110	1.8844	2.0430	2.3302	2.0385	1.4346	1.9242	2.2428
W-179m	1.4142	1.2198	1.2875	1.4785	1.3621	0.9898	1.2576	1.5165
W-181	1.4135	1.2159	1.2921	1.4894	1.3386	0.9528	1.2317	1.5092
W-185m	1.5744	1.1963	1.4516	1.6899	1.1974	0.8163	1.3522	1.3933
W-185	0.0012	0.0011	0.0011	0.0013	0.0012	0.0009	0.0011	0.0013
W-187	2.0270	1.8174	1.8126	1.9491	2.1170	1.8279	1.9540	2.9392
W-188	0.0196	0.0171	0.0177	0.0193	0.0196	0.0158	0.0190	0.0226
W-190	3.2673	2.8596	2.9617	3.3080	3.2533	2.5046	2.8356	3.5568
Xe-120	3.4769	3.2504	3.3109	3.4020	3.5637	2.8916	3.5362	4.1847
Xe-121	2.5531	2.3270	2.3967	2.4305	2.7131	2.3025	2.6297	3.5233
Xe-122	1.4116	1.3345	1.3751	1.4085	1.4270	1.0950	1.4120	1.4537
Xe-123	2.7351	2.5413	2.6120	2.6290	2.8629	2.3955	2.7183	3.2228
Xe-125	3.3498	3.1347	3.2438	3.3078	3.5216	2.8406	3.4232	3.7508
Xe-127	3.4533	3.2471	3.3788	3.4306	3.6634	2.9963	3.5487	3.9321
Xe-127m	2.7294	2.6410	2.6090	2.7132	2.8667	2.3372	2.8246	2.8696
Xe-129m	2.0376	1.9335	2.0126	2.0659	2.0498	1.4926	1.9296	1.8870
Xe-131m	0.8682	0.8150	0.8539	0.8798	0.8650	0.6277	0.8137	0.7977
Xe-133	1.3255	1.2585	1.2011	1.2972	1.3438	0.9567	1.0614	1.3951
Xe-133m	1.0211	0.9575	0.9960	1.0259	1.0365	0.7724	0.9851	0.9872
Xe-135	1.8417	1.6438	1.6498	1.7109	1.9581	1.6858	1.9528	2.2385

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.6158	1.4573	1.4960	1.5302	1.6835	1.5476	1.6884	2.4698
Xe-137	0.6175	0.5586	0.5718	0.5799	0.6465	0.6057	0.6586	0.9718
Xe-138	2.2529	1.9499	2.0593	2.1000	2.3635	2.0983	2.3395	3.4055
Y-81	2.4887	2.3574	2.2992	2.4730	2.4799	1.9442	2.2944	2.5483
Y-83	1.7145	1.5415	1.6250	1.6666	1.6970	1.3615	1.5024	1.9496
Y-83m	1.8532	1.6640	1.6975	1.7586	1.8869	1.6077	1.8425	2.1784
Y-84m	5.3703	4.6660	4.8440	4.7469	5.9505	5.5868	5.5141	10.0199
Y-85	1.6014	1.4291	1.4930	1.5315	1.6175	1.4405	1.5819	2.2343
Y-85m	1.6490	1.4479	1.5352	1.5619	1.7173	1.4653	1.5880	2.3077
Y-86	5.8532	5.0997	5.3467	5.3281	6.3249	5.7280	5.8233	9.9281
Y-86m	1.9026	1.7710	1.8644	1.9033	2.0879	1.7488	2.0243	2.2997
Y-87	2.6404	2.3674	2.4911	2.5845	2.5678	2.1641	2.4446	3.1095
Y-87m	1.6264	1.4903	1.5085	1.5398	1.6537	1.4770	1.6261	2.1646
Y-88	3.9916	3.4132	3.6843	3.6902	4.2155	3.6697	3.8502	6.4177
Y-89m	1.6333	1.4168	1.4689	1.4269	1.8180	1.7173	1.6768	3.0889
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.5951	3.3184	3.4610	3.5253	3.8597	3.3976	3.8317	4.8816
Y-91	0.0040	0.0034	0.0037	0.0035	0.0046	0.0042	0.0042	0.0080
Y-91m	1.7141	1.5323	1.5586	1.5974	1.8039	1.6959	1.7625	2.7743
Y-92	0.4328	0.3768	0.3932	0.3855	0.4808	0.4500	0.4534	0.8039
Y-93	0.2308	0.2018	0.2071	0.2097	0.2491	0.2220	0.2421	0.3469
Y-94	1.2706	1.1018	1.1488	1.1197	1.4163	1.3305	1.3179	2.3950
Y-95	0.8926	0.7541	0.8237	0.7973	1.0146	0.9384	0.9616	1.7958
Yb-162	3.4272	3.1326	3.2566	3.4148	3.4284	2.7895	3.2600	4.0520
Yb-163	2.5404	2.2233	2.3812	2.5367	2.4883	1.9896	2.4009	3.3394
Yb-164	1.4679	1.3255	1.4108	1.5116	1.4127	1.0587	1.3385	1.7385
Yb-165	4.0465	3.5375	3.7568	4.1261	3.7616	2.7857	3.5467	4.7207
Yb-166	2.7426	2.4824	2.6048	2.8126	2.6393	1.9560	2.4437	3.2376
Yb-167	5.9284	5.3891	5.6853	6.0757	5.7784	4.4668	5.5662	6.7061
Yb-169	6.4782	5.9263	6.1690	6.6165	6.5459	5.0669	6.1027	7.5755
Yb-175	0.2874	0.2632	0.2661	0.2790	0.2951	0.2527	0.2894	0.3717
Yb-177	0.9566	0.8694	0.8911	0.9150	1.0086	0.8623	0.9277	1.2589
Yb-178	0.2148	0.1934	0.1978	0.2045	0.2159	0.1924	0.2176	0.2933
Yb-179	3.3584	3.0064	3.0306	3.1264	3.5512	3.2768	3.3678	5.3401
Zn-60	1.9622	1.7549	1.7396	1.8329	2.1176	1.8900	1.9182	3.0444
Zn-61	0.7348	0.6367	0.6771	0.6770	0.7997	0.7391	0.7898	1.3122
Zn-62	2.3331	1.9438	2.1592	2.3351	2.0800	1.7337	2.2231	2.8542
Zn-63	0.3344	0.2817	0.3010	0.3092	0.3438	0.3121	0.3296	0.5578
Zn-65	1.5809	1.2297	1.4540	1.5581	1.4168	1.1549	1.4900	2.1810
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.7409	1.5801	1.6137	1.6479	1.7920	1.6708	1.8415	2.6275
Zn-71	0.9257	0.8306	0.8504	0.8616	0.9814	0.9187	0.9831	1.5058
Zn-71m	5.2771	4.7655	4.8166	4.9048	5.5721	5.2205	5.4893	8.3904
Zn-72	3.0288	2.6067	2.8372	3.0508	2.7624	2.2199	2.8150	3.0042
Zr-85	1.6387	1.4782	1.5165	1.5350	1.7150	1.5793	1.7083	2.5230
Zr-86	4.1933	3.8144	3.9649	4.1247	4.1151	3.1849	3.7881	3.7638
Zr-87	0.3074	0.2740	0.2935	0.2996	0.2996	0.2328	0.2596	0.3268
Zr-88	2.8381	2.6046	2.6827	2.7605	2.7795	2.3334	2.6274	3.1825
Zr-89	2.4859	2.1917	2.3009	2.3005	2.5743	2.2286	2.3028	3.5803
Zr-89m	1.7282	1.5387	1.5588	1.5978	1.8400	1.7172	1.7358	2.8482
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6459	1.4445	1.4579	1.4579	1.7858	1.7183	1.6566	3.0411
Zr-97	1.9714	1.7323	1.7585	1.7586	2.1353	2.0344	1.9981	3.5621

Table 8: Adobe 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.3735	0.3131	0.4158	0.3893	0.2934	0.2623	0.5078	0.3937
Ac-224	3.7661	3.3194	4.2829	4.0054	3.3996	2.9301	5.8564	3.3160
Ac-225	0.5229	0.4377	0.5576	0.5265	0.4005	0.3652	0.6455	0.5287
Ac-226	1.7546	1.4806	1.8781	1.8018	1.5847	1.4549	2.5939	1.4658
Ac-227	0.1069	0.0854	0.1136	0.1048	0.0675	0.0637	0.1081	0.1268
Ac-228	2.8401	2.3187	3.2954	3.3971	2.6283	2.0846	6.4018	4.3189
Ac-230	1.2454	0.9980	1.3227	1.4692	1.1285	0.8830	2.7151	1.7570
Ac-231	3.8546	3.3845	4.7684	4.2778	3.7092	3.4665	6.2310	3.1539
Ac-232	1.9741	1.6069	2.1647	2.3240	1.8200	1.3544	4.8975	2.9935
Ac-233	1.9258	1.4934	2.1200	2.6716	1.8816	1.2183	5.6144	3.9679
Ag-100m	3.4440	2.7649	4.0999	4.5872	3.4116	2.3297	10.3536	6.3551
Ag-101	2.9227	2.3371	3.1956	3.5061	2.8474	2.3110	6.3580	3.8581
Ag-102m	2.1566	1.7467	2.3176	2.7006	2.1100	1.4893	5.9618	3.4664
Ag-102	5.2673	4.1918	5.9643	6.9883	5.1841	3.5564	15.1744	9.5807
Ag-103	3.2010	2.5615	3.3833	3.5661	3.0069	2.5665	5.6047	3.3580
Ag-104	6.6057	5.1865	7.4290	8.8072	6.4202	4.4533	18.4273	12.2404
Ag-104m	2.7038	2.1149	2.9024	3.5481	2.6221	1.8104	7.2949	4.8161
Ag-105	3.5281	2.8244	4.0365	4.2063	3.3644	3.0009	5.9729	3.5757
Ag-105m	0.0390	0.0315	0.0471	0.0414	0.0257	0.0235	0.0498	0.0492
Ag-106	0.7278	0.5428	0.6388	0.8817	0.6546	0.4892	1.4125	1.0808
Ag-106m	8.0887	6.3156	8.8510	10.5980	7.8650	5.6932	20.9721	13.8180
Ag-108	0.0731	0.0555	0.0775	0.0931	0.0684	0.0508	0.1684	0.1179
Ag-108m	6.1831	4.7284	6.9832	8.2710	6.0007	4.3890	15.8623	10.4444
Ag-109m	0.5306	0.4028	0.4074	0.5661	0.4404	0.3492	0.6220	0.4744
Ag-110	0.0908	0.0712	0.1143	0.1281	0.0899	0.0596	0.2807	0.1874
Ag-110m	6.0846	4.8391	7.4125	8.3396	6.0431	4.0845	18.6696	12.1671
Ag-111	0.1577	0.1331	0.2216	0.1886	0.1620	0.1563	0.2752	0.1248
Ag-111m	0.2979	0.2263	0.2320	0.3207	0.2425	0.1967	0.3408	0.2755
Ag-112	1.3840	1.1043	1.6637	1.8581	1.3741	0.9347	4.1257	2.5905
Ag-113m	1.1661	0.9597	1.5689	1.4260	1.1647	1.0491	2.2560	1.2076
Ag-113	0.3484	0.2971	0.4907	0.4180	0.3568	0.3280	0.6842	0.3488
Ag-114	0.5857	0.4621	0.6688	0.7967	0.5816	0.3885	1.7290	1.1267
Ag-115	1.2536	1.0644	1.4201	1.4717	1.2341	1.0038	2.7392	1.4907
Ag-116	3.3734	2.7036	3.7030	4.4239	3.3442	2.2959	9.6744	5.9543
Ag-117	2.4340	2.0027	2.8898	2.8095	2.4052	1.9740	5.4391	2.6820
Ag-99	3.5802	2.9264	4.0293	4.3498	3.5338	2.8622	8.3550	4.7790
Al-26	1.7258	1.4702	1.7731	1.9088	1.7131	1.2353	4.9044	2.1622
Al-28	1.6828	1.4373	1.7143	1.8531	1.6713	1.2015	4.7934	2.0884
Al-29	1.8540	1.5091	2.0736	2.2537	1.7966	1.4867	3.7944	1.9721

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	4.1714	3.6612	4.6762	4.6059	3.8325	3.5986	6.6374	3.8665
Am-238	4.0968	3.5136	4.5219	4.7541	3.7639	3.1448	8.4395	5.5835
Am-239	4.7877	4.3083	5.1564	5.0997	4.2242	4.0351	6.8414	4.1524
Am-240	4.4608	3.7513	4.8411	5.0775	4.0156	3.3087	9.2076	6.6146
Am-241	1.6372	1.6279	1.6772	1.6836	1.6262	1.6031	1.6070	1.5739
Am-242	0.7215	0.6001	0.6966	0.7377	0.5700	0.5470	0.8350	0.6856
Am-242m	0.4717	0.3587	0.4227	0.4620	0.3266	0.3128	0.4283	0.4979
Am-243	1.4700	1.1658	1.6309	1.7244	1.3085	0.9141	2.3850	1.3415
Am-244	4.0500	3.1676	4.3398	4.8259	3.5274	2.8344	8.2422	5.9806
Am-244m	0.2708	0.2078	0.2463	0.2744	0.2021	0.1864	0.3048	0.3022
Am-245	0.5252	0.4520	0.5547	0.5563	0.4711	0.4411	0.7646	0.4576
Am-246	5.5622	4.4752	5.9514	6.3248	4.8042	4.0384	9.7559	6.9954
Am-246m	2.4772	1.9740	2.7732	3.0515	2.3165	1.7333	6.1364	4.3041
Am-247	1.8983	1.6661	2.1813	2.0553	1.7452	1.6384	2.8657	1.6180
Ar-37	0.0394	0.0318	0.0476	0.0409	0.0230	0.0211	0.0473	0.0528
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.8284	1.4876	2.0406	2.2248	1.7699	1.4684	3.6905	1.9263
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	2.2149	1.7981	2.5075	2.7748	2.1941	1.5646	6.2812	3.8352
Ar-44	3.3139	2.8568	3.6378	3.6449	3.2351	2.5876	7.5277	3.5860
As-68	4.3628	3.5262	5.0766	5.5671	4.3245	3.0053	12.8438	8.1504
As-69	0.6790	0.5681	0.7688	0.7558	0.6385	0.5439	1.2941	0.7085
As-70	5.7383	4.6318	6.6239	7.2255	5.6557	4.0110	16.2531	10.3917
As-71	2.5799	2.1554	3.0280	2.7298	2.2719	2.0362	4.1728	2.5500
As-72	1.9282	1.5357	2.3680	2.6958	1.8807	1.2673	5.9775	3.9137
As-73	1.5564	1.2917	1.8612	1.6442	0.9634	0.8696	1.8950	1.9852
As-74	1.6928	1.3286	2.0768	2.2956	1.5865	1.0684	4.7986	3.3912
As-76	1.1799	0.9224	1.3702	1.6347	1.1716	0.7763	3.4985	2.3641
As-77	0.0594	0.0498	0.0625	0.0664	0.0580	0.0504	0.1109	0.0619
As-78	2.5938	2.0699	3.1076	3.4748	2.5702	1.7969	7.4677	4.6791
As-79	0.1182	0.0922	0.1425	0.1558	0.1189	0.0966	0.2857	0.1728
At-204	8.1376	6.3393	9.5575	10.8176	7.9170	5.5705	21.4962	13.9933
At-205	3.9711	3.1498	4.7365	4.8613	3.7223	2.6129	9.3705	5.7864
At-206	8.3197	6.5316	9.6984	10.7741	8.0829	5.9193	20.8300	13.1183
At-207	6.2013	4.9609	7.3682	7.7102	5.8983	4.1915	15.2167	9.3140
At-208	9.6998	7.7884	11.6804	12.2424	9.2857	6.5742	24.9124	15.8270
At-209	8.8524	7.0945	10.4430	11.3997	8.4098	5.8246	22.4660	14.2830
At-210	7.4328	6.0774	8.0907	8.3697	7.0045	5.5385	15.1523	8.5171
At-211	0.8980	0.7079	1.0338	0.9580	0.7733	0.5323	1.5277	0.9138
At-215	0.0009	0.0007	0.0011	0.0012	0.0009	0.0008	0.0017	0.0009

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0468	0.0382	0.0555	0.0518	0.0421	0.0313	0.0801	0.0445
At-217	0.0020	0.0017	0.0023	0.0023	0.0019	0.0016	0.0037	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.9437	2.4584	3.3760	3.3567	2.8900	2.5896	5.3627	2.8776
Au-186	4.5326	3.9322	5.5242	5.6028	4.3200	3.5702	8.8463	4.9812
Au-187	3.6346	3.0749	4.1915	4.6070	3.3095	2.6270	7.0229	4.1017
Au-190	5.2806	4.5309	6.6681	6.5130	5.1383	4.3157	10.8923	5.5937
Au-191	4.5758	3.8326	5.4057	5.8632	4.2343	3.4720	8.5119	5.0348
Au-192	4.8845	4.2137	6.3116	6.0745	4.7386	3.9581	10.0481	5.1386
Au-193	2.8429	2.4794	3.3135	3.6296	2.5289	2.1029	4.4015	2.4767
Au-193m	2.1818	1.8266	2.3817	2.3840	1.9692	1.7957	3.3351	1.9570
Au-194	3.9578	3.4033	5.1410	4.9975	3.7951	3.2264	7.5378	3.9508
Au-195	2.3985	2.1165	2.7996	3.0743	2.0246	1.6784	3.5360	2.1616
Au-195m	2.1964	1.8432	2.4544	2.4170	1.9869	1.8133	3.3685	1.9665
Au-196	3.7259	3.1434	4.9210	4.7657	3.5918	3.2509	6.2392	3.1296
Au-196m	4.5450	3.8387	5.3831	5.1122	3.9050	3.3425	6.7674	4.1082
Au-198	1.9397	1.4464	2.1291	2.4772	1.9348	1.7427	3.7194	1.9904
Au-198m	7.0741	6.5057	8.3650	8.0447	6.5519	5.7646	11.1335	5.8384
Au-199	1.4578	1.1741	1.6532	1.5202	1.3167	1.1824	2.2302	1.1673
Au-200	0.6927	0.5561	0.8517	0.8561	0.6890	0.6129	1.3396	0.6912
Au-200m	9.2654	7.5118	10.9156	11.7000	9.0988	7.2685	21.2710	12.9123
Au-201	0.2185	0.1745	0.2545	0.2717	0.1932	0.1458	0.4674	0.3272
Au-202	0.4496	0.3497	0.5019	0.5819	0.4445	0.3472	1.0816	0.6742
Ba-124	2.4184	2.0226	2.3952	2.8785	2.2695	1.8030	4.0633	2.4651
Ba-126	3.0535	2.5480	3.0867	3.6971	2.9117	2.2957	5.6564	3.5105
Ba-127	1.3288	1.1392	1.2750	1.5680	1.2317	0.9706	2.0363	1.1801
Ba-128	1.3371	1.1217	1.1509	1.5973	1.2232	0.9585	1.7314	1.0819
Ba-129	1.4665	1.2524	1.3501	1.7372	1.3452	1.0349	2.1286	1.3116
Ba-129m	5.9874	4.9395	6.4701	7.3700	5.7455	4.4620	12.5636	7.6942
Ba-131	3.8367	3.1762	3.9182	4.7317	3.6579	2.7932	7.1417	4.4752
Ba-131m	1.7363	1.6032	1.7999	2.0241	1.6433	1.4226	2.6688	1.4032
Ba-133	4.1369	3.3960	4.5894	4.9732	3.9765	3.2739	6.4748	3.4179
Ba-133m	1.2153	1.0258	1.1530	1.4283	1.0933	0.9025	1.5995	1.0461
Ba-135m	1.0585	0.8938	0.9396	1.2586	0.9794	0.7951	1.3905	0.8645
Ba-137m	1.8135	1.4299	2.2660	2.5691	1.7960	1.1829	5.5524	3.7007
Ba-139	0.5574	0.4488	0.6060	0.5650	0.5250	0.4842	0.8428	0.4047
Ba-140	1.1590	0.9213	1.2559	1.4423	1.0639	0.8085	2.4287	1.6539
Ba-141	3.6686	3.1431	4.5604	4.3943	3.6400	3.1020	7.4388	4.0822
Ba-142	3.2149	2.6207	3.5962	3.8913	3.1522	2.4903	7.1048	4.3997

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.2032	0.1550	0.2153	0.2790	0.2027	0.1429	0.5480	0.3699
Bi-197	4.5213	3.6502	5.2906	5.5520	4.2434	3.0307	10.7276	6.7486
Bi-200	9.3544	7.3749	10.4457	11.5429	9.0419	6.9918	21.0260	13.3404
Bi-201	4.5787	3.7059	5.2812	5.5773	4.2999	3.0777	10.7704	6.5353
Bi-202	8.5747	6.7889	10.0457	10.8488	8.2981	6.1087	21.2711	13.6236
Bi-203	5.6417	4.5880	6.5241	6.9637	5.3544	3.8078	13.9530	8.2114
Bi-204	8.5349	6.8400	10.1454	10.6654	8.2411	6.1187	20.9858	13.2831
Bi-205	4.2862	3.4779	4.9465	5.2188	4.0252	2.8245	10.4782	6.3242
Bi-206	9.9402	7.9755	11.7337	12.9136	9.5854	6.7565	25.9007	16.2643
Bi-207	5.0423	4.0116	5.8430	6.3696	4.7865	3.2744	12.7679	8.5587
Bi-208	2.6899	2.2588	2.9355	3.0229	2.4966	1.8402	6.2803	3.0929
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.8996	1.6062	2.4052	2.1667	1.8867	1.7394	3.3118	1.6376
Bi-211	0.2976	0.2456	0.4148	0.3650	0.2988	0.2786	0.5204	0.2450
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3446	0.2802	0.4080	0.4256	0.3005	0.2242	0.8031	0.5640
Bi-213	0.6242	0.4741	0.6864	0.7996	0.6128	0.4915	1.3650	0.8231
Bi-214	2.4749	1.9980	2.8630	3.1658	2.4461	1.7267	6.9812	4.1930
Bi-215	1.3866	1.1510	1.7977	1.6146	1.3574	1.1513	2.6946	1.4529
Bi-216	2.8989	2.2217	3.2513	3.9419	2.8761	2.0563	7.7737	5.1403
Bk-245	4.1094	3.5882	4.4415	4.3977	3.7054	3.4586	6.0866	3.5650
Bk-246	4.3032	3.5452	4.7601	5.1358	3.8436	3.1583	8.6739	5.8867
Bk-247	2.0369	1.7325	2.2766	2.2096	1.9248	1.6493	3.4187	1.7471
Bk-248m	0.9176	0.7704	0.9529	0.9985	0.7852	0.7031	1.3670	0.9542
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	2.1050	1.6656	2.3162	2.5034	1.9853	1.4219	5.5378	4.1742
Bk-251	2.1342	1.7869	2.3122	2.2465	1.8329	1.6666	2.9507	1.9196
Br-72	3.5985	2.8832	4.1803	4.6869	3.5413	2.5491	10.0270	6.2659
Br-73	2.0518	1.7366	2.5223	2.7738	1.9832	1.5975	4.4511	2.6575
Br-74	3.9501	3.2902	4.5938	5.0205	3.8916	2.8287	10.9663	6.3837
Br-74m	5.0297	4.0677	6.0435	6.6846	4.9607	3.4662	14.6532	9.0183
Br-75	2.6637	2.2388	3.4674	3.0815	2.6331	2.4274	4.9088	2.6205
Br-76	3.7212	3.0000	4.2306	4.7747	3.5828	2.5225	10.2211	6.4280
Br-76m	1.6108	1.4736	1.7415	1.6877	1.2664	1.0775	1.8722	1.6294
Br-77	2.1435	1.7661	2.4281	2.4585	1.8788	1.5509	4.1026	2.9305
Br-77m	0.7279	0.6562	0.8283	0.7064	0.5509	0.5234	0.8971	0.7746
Br-78	0.3156	0.2494	0.3893	0.4214	0.2954	0.2010	0.8827	0.6241
Br-80	0.2000	0.1585	0.2477	0.2641	0.1839	0.1268	0.5436	0.3889
Br-80m	1.3883	1.1997	1.4202	1.3884	1.0306	0.8949	1.4020	1.4998

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.5083	0.4303	0.5708	0.4545	0.3220	0.3009	0.4955	0.6302
Br-82	6.2413	4.9486	7.4931	8.6462	6.1933	4.1938	18.7942	12.2354
Br-83	0.0253	0.0195	0.0278	0.0355	0.0251	0.0160	0.0758	0.0531
Br-84m	5.6453	4.4684	6.2992	7.2054	5.6067	4.3004	14.5263	8.4972
Br-84	1.9818	1.6263	2.2748	2.5438	1.9721	1.3829	5.9518	3.5307
Br-85	0.1357	0.1087	0.1629	0.1844	0.1349	0.0924	0.4170	0.2696
C-10	1.9000	1.4969	2.4106	2.7613	1.8918	1.2417	6.1179	3.9943
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0703	0.0569	0.0850	0.0730	0.0410	0.0377	0.0844	0.0943
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.6248	1.3138	1.8202	2.0293	1.5802	1.2679	3.5505	1.9596
Ca-49	1.5945	1.3944	1.7361	2.0145	1.5924	1.2036	4.6178	2.1421
Cd-101	3.7708	3.2314	3.9771	4.4288	3.6462	2.9281	8.3384	4.5117
Cd-102	3.3602	2.6318	3.3592	4.1678	3.1790	2.4017	7.1843	4.8213
Cd-103	3.1322	2.5059	3.0982	3.6469	2.9465	2.2189	6.9502	4.0402
Cd-104	2.6354	2.0255	2.5112	3.0525	2.3719	1.7038	4.6707	2.9965
Cd-105	2.1949	1.7458	2.1955	2.5646	2.0543	1.5685	4.6796	2.8040
Cd-107	1.5427	1.1642	1.1302	1.6441	1.2748	1.0205	1.7309	1.3702
Cd-109	1.4351	1.0748	1.0447	1.5255	1.1803	0.9379	1.5912	1.2762
Cd-111m	3.0064	2.4476	2.9314	3.1374	2.8520	2.5854	4.5837	2.3909
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0009	0.0010	0.0013	0.0010	0.0009	0.0016	0.0010
Cd-115	0.7958	0.6189	0.8438	1.0843	0.7842	0.5222	2.2028	1.5210
Cd-115m	0.0631	0.0504	0.0729	0.0812	0.0623	0.0446	0.1756	0.1173
Cd-117	2.5571	2.1073	2.9930	3.0583	2.5404	2.1266	5.5368	2.9577
Cd-117m	2.9318	2.3884	3.3258	3.6335	2.9038	2.1079	8.0968	4.7855
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	3.0011	2.5154	3.6538	3.5303	3.0065	2.4780	6.9314	3.5258
Cd-119m	3.4657	2.8267	3.9178	4.2655	3.4268	2.5473	9.2338	5.4050
Ce-130	3.6436	3.0871	3.9342	4.3072	3.4755	2.8185	6.1139	3.6289
Ce-131	4.2813	3.4729	4.6102	5.2007	4.1157	3.2917	8.7189	5.1731
Ce-132	3.4728	3.0115	3.6658	3.8784	3.2701	2.8082	5.0803	2.8047
Ce-133	2.9122	2.5802	2.7699	3.5227	2.7494	2.1753	4.5251	2.6374
Ce-133m	5.9346	4.8900	6.2901	7.5882	5.7502	4.3101	12.9687	8.0137
Ce-134	1.0570	0.9071	0.8606	1.2889	0.9545	0.7262	1.2346	0.8807
Ce-135	4.4007	3.6608	4.8920	5.5225	4.2917	3.3941	9.0795	5.6313
Ce-137	1.2161	1.0339	1.0381	1.4700	1.0662	0.8202	1.4695	1.0992
Ce-137m	1.0293	0.8848	0.9116	1.2105	0.9516	0.7742	1.3245	0.8808
Ce-139	2.7546	2.2658	2.7422	2.9783	2.5532	2.2228	3.8256	2.0971

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.1946	0.9615	1.3499	1.2532	1.1335	1.0005	1.8446	0.9358
Ce-143	2.2492	1.9655	2.6129	2.7653	2.1964	1.8721	3.7485	2.1662
Ce-144	0.3590	0.3007	0.4087	0.4006	0.3410	0.2762	0.5556	0.3064
Ce-145	3.6583	3.0672	4.0422	4.8343	3.5368	2.6871	7.8327	5.0356
Cf-244	0.1713	0.1287	0.1478	0.1680	0.1204	0.1153	0.1523	0.1774
Cf-246	0.1177	0.0885	0.1016	0.1156	0.0829	0.0794	0.1051	0.1218
Cf-247	2.9292	2.4376	3.0358	3.0691	2.4236	2.2372	3.7896	2.7459
Cf-248	0.1412	0.1062	0.1219	0.1388	0.0997	0.0953	0.1271	0.1463
Cf-249	2.1644	1.6981	2.5230	2.5655	2.0700	1.9760	3.4648	1.8684
Cf-250	0.1272	0.0969	0.1155	0.1301	0.0952	0.0875	0.1450	0.1397
Cf-251	2.4217	2.0886	2.6101	2.5533	2.1257	1.9754	3.3968	2.1077
Cf-252	1.0137	0.8241	1.1442	1.2359	0.9741	0.7645	2.3543	1.4239
Cf-253	0.3920	0.2962	0.3376	0.3966	0.2777	0.2551	0.3714	0.3970
Cf-254	33.3325	27.3461	38.6445	41.5433	33.0399	25.4548	83.0176	48.2002
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.9758	1.6184	2.2194	2.1755	1.9293	1.5675	4.5275	2.1412
Cl-36	0.0006	0.0005	0.0007	0.0006	0.0003	0.0003	0.0007	0.0007
Cl-38	1.2418	1.0602	1.2743	1.3691	1.2340	0.8924	3.5342	1.5342
Cl-39	2.7063	2.2320	2.8315	3.0814	2.6508	2.2442	5.5301	2.7889
Cl-40	3.3580	2.8352	3.5978	3.9802	3.3234	2.4852	9.0335	4.3846
Cm-238	1.9325	1.7458	2.1026	2.0724	1.7211	1.6257	2.8290	1.6684
Cm-239	4.1970	3.7727	4.7286	4.4499	3.8272	3.5326	6.2239	3.4479
Cm-240	0.1911	0.1455	0.1695	0.1845	0.1316	0.1271	0.1663	0.1997
Cm-241	4.8517	4.0251	5.1197	5.5660	4.3163	3.7357	8.4368	5.7080
Cm-242	0.1715	0.1305	0.1521	0.1655	0.1181	0.1141	0.1492	0.1793
Cm-243	2.3902	2.1140	2.5819	2.5361	2.0885	1.9896	3.3576	2.1101
Cm-244	0.1472	0.1121	0.1306	0.1421	0.1014	0.0979	0.1281	0.1540
Cm-245	2.5104	2.2558	2.6925	2.6559	2.2014	2.0988	3.5656	2.1654
Cm-246	0.1246	0.0952	0.1124	0.1223	0.0879	0.0835	0.1200	0.1331
Cm-247	1.6313	1.2396	1.8214	2.0274	1.6282	1.5302	2.9013	1.4528
Cm-248	2.7087	2.2156	3.1108	3.3454	2.6515	2.0576	6.5680	3.8740
Cm-249	0.1956	0.1574	0.2364	0.2249	0.1446	0.1187	0.3457	0.2922
Cm-250	26.3054	21.5833	30.4770	32.7639	26.0683	20.0882	65.4651	37.9910
Cm-251	0.6084	0.4895	0.6737	0.7566	0.5724	0.4461	1.3541	0.9105
Co-54m	5.5388	4.3842	6.1033	6.7856	5.4651	4.4706	12.4242	7.0261
Co-55	2.5146	2.0066	2.8838	3.2406	2.4662	1.7430	7.0989	4.7416
Co-56	4.8338	3.9289	5.6045	6.1930	4.6804	3.4337	13.0671	7.9029
Co-57	2.4371	2.0710	3.0912	2.6322	2.1496	1.8445	3.9098	2.3672
Co-58	2.1448	1.7030	2.6713	3.0515	2.0365	1.3799	6.5157	4.3169

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.2822	0.2281	0.3407	0.2928	0.1647	0.1513	0.3385	0.3779
Co-60	3.7030	3.0079	4.1458	4.4972	3.6044	2.8789	8.2249	4.7096
Co-60m	0.3431	0.2833	0.4120	0.3703	0.2126	0.1934	0.4225	0.4377
Co-61	1.3868	1.2538	1.6202	2.0377	1.3048	1.0383	2.2851	1.1060
Co-62	2.1265	1.7292	2.3918	2.5729	2.0827	1.6082	5.1630	3.0785
Co-62m	3.7834	3.0726	4.2615	4.5872	3.7050	2.8530	9.2148	5.5058
Cr-48	3.8241	3.4965	5.4227	4.4177	3.8486	3.6501	6.7079	3.0488
Cr-49	1.7575	1.5352	2.0111	2.0071	1.6998	1.4807	3.0236	1.3221
Cr-51	0.3443	0.2929	0.5032	0.3904	0.2881	0.2778	0.5216	0.3538
Cr-55	0.0008	0.0006	0.0008	0.0009	0.0008	0.0006	0.0020	0.0009
Cr-56	2.2281	1.7599	2.3378	2.4818	2.0394	1.3134	3.9454	2.0190
Cs-121	1.4638	1.1901	1.5993	1.6934	1.4115	1.1820	2.7578	1.5436
Cs-121m	2.7238	2.3290	3.0308	3.1821	2.6205	2.1848	4.9475	2.8144
Cs-123	2.0838	1.7737	2.2068	2.5980	2.0080	1.5625	4.1809	2.4597
Cs-124	0.7741	0.6327	0.9686	0.9638	0.7761	0.6723	1.5599	0.8258
Cs-125	1.8063	1.4690	1.7977	2.3166	1.7213	1.2430	3.8062	2.4527
Cs-126	1.3379	1.0381	1.4595	1.6896	1.3190	1.1248	2.6262	1.4703
Cs-127	2.8944	2.2892	2.8900	3.5890	2.7649	2.2578	4.9340	2.8610
Cs-128	0.9672	0.7574	0.9375	1.2382	0.9268	0.7078	1.9224	1.2132
Cs-129	2.6847	2.1657	2.5831	3.3033	2.5269	2.0525	4.0745	2.3731
Cs-130m	2.0517	1.6726	1.9129	2.4058	1.8573	1.2964	3.0264	1.7870
Cs-130	0.6799	0.5584	0.5468	0.8370	0.6109	0.4267	1.0113	0.6765
Cs-131	1.0148	0.8400	0.7570	1.2243	0.8926	0.6316	1.2179	0.8204
Cs-132	2.9717	2.3762	3.2406	4.0153	2.8416	1.9127	7.3922	4.9175
Cs-134	4.2596	3.3464	5.2463	6.1296	4.2383	2.7813	13.4302	8.8593
Cs-134m	0.8079	0.6722	0.8143	0.9298	0.6953	0.5424	1.0968	0.7496
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.7542	2.9757	4.6609	5.4687	3.7321	2.4657	12.1399	7.8652
Cs-136	5.5491	4.5053	6.8167	7.1452	5.5074	4.2196	14.2633	8.9580
Cs-137	1.6551	1.6958	1.7220	1.6742	1.6321	1.6628	1.7041	1.7369
Cs-138m	1.7160	1.4460	1.7104	2.0691	1.6186	1.2610	3.1023	1.8224
Cs-138	3.6083	2.9302	3.9237	4.4112	3.5664	2.6566	9.3708	5.3935
Cs-139	0.3655	0.3003	0.4065	0.4467	0.3592	0.2740	0.9165	0.4875
Cs-140	2.4585	1.9926	2.8257	3.1698	2.4409	1.6974	7.1793	4.2901
Cu-57	0.1910	0.1538	0.2200	0.2381	0.1879	0.1381	0.5091	0.3368
Cu-59	0.9358	0.7533	1.1228	1.2004	0.9279	0.7364	2.2605	1.3286
Cu-60	3.5942	2.9660	3.9557	4.3670	3.5231	2.6655	9.1797	4.8322
Cu-61	0.8440	0.6933	1.0536	1.0507	0.7805	0.6416	1.8001	1.1547
Cu-62	0.0194	0.0157	0.0229	0.0226	0.0157	0.0126	0.0388	0.0293
Cu-64	0.1773	0.1435	0.2133	0.1853	0.1067	0.0972	0.2209	0.2354

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1808	0.1447	0.2086	0.2219	0.1792	0.1245	0.5282	0.3818
Cu-67	1.4752	1.3467	1.7330	1.5798	1.3958	1.2431	2.3726	1.1581
Cu-69	1.0980	0.8745	1.2829	1.4328	1.0902	0.7433	3.2888	2.2577
Dy-148	3.0575	2.5997	3.6027	4.0313	2.9541	2.0765	7.5139	4.9895
Dy-149	4.6350	4.1061	5.1553	5.7075	4.4785	3.4348	10.2245	6.0377
Dy-150	1.9889	1.6388	2.1519	2.4363	1.9309	1.7245	3.1838	1.6835
Dy-151	4.5079	3.8167	5.0721	5.5959	4.3307	3.3230	9.9425	6.1528
Dy-152	3.0662	2.6973	3.1701	3.3710	2.9573	2.6478	4.6879	2.4919
Dy-153	5.3487	4.7980	5.8780	6.3246	5.1031	4.0985	9.5619	5.5912
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.8041	3.4348	4.1463	4.4096	3.6345	2.9844	6.7055	3.9337
Dy-157	3.0258	2.7600	4.1758	3.6267	3.0080	2.7270	4.8527	2.4182
Dy-159	1.4236	1.3747	1.4850	1.6754	1.3024	1.0302	1.9151	1.1941
Dy-165m	0.3853	0.3437	0.4409	0.4384	0.3134	0.2644	0.5828	0.4256
Dy-165	0.2734	0.2562	0.3109	0.3310	0.2604	0.2115	0.4922	0.2709
Dy-166	1.1367	1.0508	1.2579	1.3279	1.0191	0.7735	1.7433	1.0017
Dy-167	2.8425	2.3990	3.4260	3.5107	2.8080	2.2931	6.1472	3.6527
Dy-168	2.6350	2.2822	2.9880	3.2355	2.5208	1.9909	5.2737	3.2252
Er-154	1.6989	1.5740	1.6920	1.9927	1.4837	1.1237	2.3220	1.4357
Er-156	2.1222	1.9571	2.2470	2.4761	1.8158	1.4570	2.8623	1.9328
Er-159	3.6778	3.2148	4.2796	4.6282	3.5242	2.6416	8.2250	5.0445
Er-161	3.8266	3.3761	4.4630	4.8977	3.6470	2.7243	8.6269	5.3310
Er-163	1.1972	1.1760	1.2955	1.4278	1.0852	0.8520	1.7110	0.9857
Er-165	1.1563	1.1352	1.2518	1.3777	1.0457	0.8215	1.6485	0.9537
Er-167m	1.1987	1.1603	1.4007	1.3380	1.1084	0.9484	1.7890	0.9823
Er-169	0.0082	0.0066	0.0099	0.0085	0.0048	0.0044	0.0098	0.0109
Er-171	3.2205	2.9408	4.4917	3.8089	3.2004	2.9369	5.5197	2.6136
Er-172	2.9944	2.5403	3.4566	3.8888	2.8778	2.2791	6.2513	3.7116
Er-173	5.0010	4.6071	6.0372	5.9485	4.7773	3.8376	9.7967	5.6608
Es-249	3.7153	3.0678	4.2186	4.2224	3.4031	3.0589	6.0723	3.6005
Es-250	10.4718	8.5110	11.4493	11.8378	9.1481	7.9525	17.3032	11.7060
Es-250m	3.2069	2.6693	3.5281	3.5729	2.8836	2.4387	5.7529	3.8017
Es-251	2.7008	2.2434	2.8581	2.8312	2.2602	2.0656	3.5777	2.4831
Es-253	0.0473	0.0359	0.0421	0.0474	0.0337	0.0318	0.0453	0.0488
Es-254	1.6401	1.2579	1.5036	1.6494	1.1341	1.0703	1.5519	1.7273
Es-254m	1.9539	1.5188	2.2198	2.5392	1.7870	1.2814	4.8358	3.3977
Es-255	0.0014	0.0011	0.0016	0.0017	0.0013	0.0010	0.0034	0.0020
Es-256	0.2423	0.1820	0.1998	0.2473	0.1763	0.1572	0.2333	0.2382
Eu-142	0.4517	0.3765	0.5120	0.5882	0.4431	0.3152	1.2166	0.7159
Eu-142m	6.4997	5.1680	7.6651	8.7831	6.4010	4.3070	19.3565	13.2980

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.7903	0.6919	0.8252	0.9277	0.7620	0.5889	1.6210	0.9507
Eu-144	0.3514	0.3089	0.3548	0.4069	0.3397	0.2540	0.7742	0.4107
Eu-145	3.3025	2.7991	3.6556	4.1784	3.2101	2.3178	8.0365	5.2250
Eu-146	6.2122	5.0696	7.3672	8.3818	6.1045	4.2761	16.9919	10.9505
Eu-147	3.1834	2.8521	3.5560	3.8053	3.0410	2.4064	5.6285	3.6228
Eu-148	7.3351	5.9069	8.4338	9.8250	7.2244	5.0566	19.5905	13.1135
Eu-149	1.3951	1.2608	1.4388	1.6199	1.2777	1.0651	1.7639	1.2685
Eu-150	6.7093	5.5118	8.2534	8.6336	6.6959	5.4794	14.5778	8.8292
Eu-150m	0.2707	0.2326	0.3192	0.3293	0.2654	0.2323	0.4396	0.2546
Eu-152	4.0862	3.4730	4.7574	4.9567	3.9908	3.2118	8.3338	5.0895
Eu-152m	1.1031	0.9387	1.2658	1.3825	1.0711	0.8048	2.4791	1.6521
Eu-152n	1.7408	1.5580	1.9534	1.9501	1.6043	1.2985	2.9356	1.5626
Eu-154	3.5379	2.9401	4.1972	4.3815	3.4511	2.6242	8.3027	5.1710
Eu-154m	1.9526	1.7993	2.1155	2.4023	1.7412	1.4860	2.8205	1.6736
Eu-155	1.2874	1.1927	1.4436	1.4685	1.2373	1.0159	2.1903	1.0701
Eu-156	2.1468	1.7784	2.4561	2.6730	2.0950	1.5488	5.4458	3.2408
Eu-157	2.4896	2.1772	2.8058	3.1925	2.3569	1.9837	4.1849	2.4760
Eu-158	2.8539	2.3234	3.3024	3.5846	2.7774	1.9454	7.6453	5.0877
Eu-159	2.6815	2.4043	2.9462	3.2893	2.5279	1.9503	4.7029	2.8170
F-17	0.0006	0.0005	0.0008	0.0009	0.0006	0.0004	0.0021	0.0014
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	2.1337	1.7363	2.4289	2.1230	1.9835	1.8597	3.2738	1.5908
Fe-53	0.8374	0.6513	1.0381	1.0407	0.8477	0.8077	1.4937	0.7050
Fe-53m	5.3810	4.3217	6.3256	6.9463	5.3156	3.7870	15.1370	9.7065
Fe-55	0.2337	0.1889	0.2824	0.2424	0.1363	0.1253	0.2804	0.3132
Fe-59	1.9577	1.5895	2.2275	2.3783	1.9118	1.4909	4.5856	2.8616
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.5931	2.1364	3.1083	3.1159	2.5738	2.0275	6.3012	3.8532
Fe-62	1.9449	1.4978	2.0537	2.7358	1.9359	1.2267	5.7963	4.0955
Fm-251	2.5285	2.0980	2.8013	2.7407	2.1984	1.9426	3.7825	2.4403
Fm-252	0.1257	0.0941	0.1056	0.1260	0.0903	0.0839	0.1168	0.1266
Fm-253	2.1935	1.7607	2.1928	2.2844	1.7639	1.6049	2.6862	2.0695
Fm-254	0.1405	0.1061	0.1223	0.1441	0.1045	0.0950	0.1516	0.1474
Fm-255	1.3650	1.0322	1.2006	1.3658	0.9545	0.8936	1.2713	1.3981
Fm-256	24.8142	20.3482	28.7948	30.9548	24.5881	18.9429	61.7965	35.9615
Fm-257	2.7205	2.2632	2.8432	2.8771	2.3320	2.1186	3.7244	2.4789
Fr-212	4.2778	3.5730	4.8321	4.7979	3.9271	3.2281	7.7039	4.5532
Fr-219	0.0221	0.0179	0.0281	0.0267	0.0217	0.0186	0.0436	0.0241
Fr-220	0.2973	0.2426	0.3313	0.3027	0.2387	0.1945	0.4226	0.3024
Fr-221	0.3219	0.2901	0.3649	0.3451	0.3013	0.2596	0.5031	0.2707

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	2.0386	1.8634	2.3153	2.1752	1.8109	1.6078	2.9791	1.8363
Fr-223	1.3560	1.2074	1.4566	1.4628	1.1546	0.9302	1.9318	1.2498
Fr-224	2.2436	1.9278	2.5959	2.5471	2.0969	1.7416	4.2524	2.4687
Fr-227	3.4253	2.9296	3.9120	4.1122	3.2220	2.6263	6.7309	3.9083
Ga-64	2.6251	2.1604	2.9607	3.2555	2.6008	1.8521	7.6097	4.5927
Ga-65	2.0536	1.8237	2.5000	2.4341	1.9127	1.6421	3.8041	2.1242
Ga-66	1.9207	1.5875	2.1589	2.3002	1.8144	1.3326	5.1444	3.1728
Ga-67	2.2972	2.0301	2.8034	2.5223	2.0011	1.8155	3.6357	2.1661
Ga-68	0.1251	0.1008	0.1470	0.1427	0.1004	0.0790	0.2552	0.2048
Ga-70	0.0207	0.0169	0.0240	0.0237	0.0193	0.0150	0.0482	0.0337
Ga-72	4.0967	3.3105	4.8471	5.4518	4.0720	2.7908	12.5537	7.6090
Ga-73	2.8048	2.4102	3.8867	3.2376	2.5509	2.3927	4.6558	2.7746
Ga-74	4.5248	3.6562	5.1882	5.8422	4.4937	3.1125	13.2218	7.9029
Gd-142	1.8735	1.6149	2.1058	2.2491	1.8156	1.4554	3.7315	2.2300
Gd-143m	5.0140	4.2665	5.7307	6.0413	4.9237	4.0226	10.4604	6.1271
Gd-144	1.2111	1.0752	1.3417	1.4441	1.1667	0.9313	2.2590	1.3199
Gd-145m	2.0904	1.6805	2.5939	2.8924	2.0097	1.4104	5.8136	3.8097
Gd-145	2.8212	2.4492	2.9830	3.2886	2.7528	2.0453	6.8345	3.5952
Gd-146	5.1557	4.6641	5.6650	5.7650	4.8981	4.2045	7.5556	4.2264
Gd-147	6.0452	5.1174	6.8568	7.4216	5.9131	4.8259	12.3997	7.5537
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	4.2068	3.6044	4.9855	4.9205	4.0804	3.4998	7.2768	4.1633
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.6623	1.4988	1.7100	1.8736	1.5050	1.2642	2.1485	1.4554
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.6684	2.5801	2.7797	3.0991	2.5422	2.1873	3.8077	2.1699
Gd-159	0.5394	0.4850	0.6350	0.6562	0.5201	0.4530	0.8279	0.4427
Gd-162	2.0589	1.5628	2.2693	2.6354	2.0340	1.7746	4.0986	2.3599
Ge-66	3.2739	2.7681	3.8576	3.8875	2.9884	2.6082	5.6809	3.5156
Ge-67	2.3010	1.8555	2.6203	2.4303	2.1860	1.9400	4.2578	2.2061
Ge-68	0.5739	0.4642	0.6930	0.5943	0.3349	0.3081	0.6869	0.7685
Ge-69	1.8279	1.4673	2.1555	2.2391	1.6258	1.2197	4.3434	3.1246
Ge-71	0.5821	0.4708	0.7029	0.6028	0.3397	0.3125	0.6966	0.7794
Ge-75	0.2611	0.2218	0.2937	0.2852	0.2601	0.2448	0.4369	0.2139
Ge-77	4.5205	3.8150	5.2469	5.4097	4.4641	3.7762	9.3233	5.2913
Ge-78	1.9380	1.6516	2.4472	2.1541	1.9692	1.9002	3.2742	1.5128
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.1153	1.9608	3.0400	2.6417	2.0741	1.9162	3.4399	1.6185
Hf-169	3.2744	2.8135	3.6268	4.4232	3.1145	2.3293	7.1394	4.5743
Hf-170	4.2416	3.7858	4.9564	5.2934	3.9079	3.2033	7.7455	4.5517

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	3.1435	2.9025	3.5395	3.9331	2.7071	2.2179	4.5057	2.6931
Hf-173	4.9619	4.4681	6.3611	5.9429	4.7330	4.0950	8.1928	4.1391
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.2548	2.9550	4.2782	4.1416	3.1324	2.8423	5.2428	2.5769
Hf-177m	18.8580	16.8361	24.0328	22.4585	18.3314	16.6616	31.7844	16.1174
Hf-178m	14.0276	12.0031	16.7671	17.3949	13.6556	11.3194	28.3902	16.4794
Hf-179m	7.8109	6.7111	9.3054	9.5080	7.4236	6.5267	13.4596	7.3245
Hf-180m	7.0910	6.2334	8.7704	8.8283	6.9066	6.0646	12.8059	6.9167
Hf-181	3.4945	2.8581	4.1044	4.4479	3.3605	2.6461	7.4350	4.5822
Hf-182	2.0305	1.7354	2.3789	2.2751	1.9973	1.8901	3.3072	1.5898
Hf-182m	5.9438	5.1970	7.1311	7.4907	5.6750	4.7666	11.4959	6.6573
Hf-183	3.1041	2.5332	3.6900	4.3195	3.0073	2.1636	7.7304	4.6374
Hf-184	3.3321	2.8395	4.1528	3.7905	2.9082	2.6185	5.0004	3.0672
Hg-190	3.8458	3.1783	4.5698	4.4507	3.4186	2.8424	6.0464	3.3686
Hg-191m	6.9517	5.7210	7.9409	8.5547	6.5640	5.3308	13.9188	8.1764
Hg-192	3.8870	3.3020	4.6368	4.6313	3.5072	2.9944	6.1134	3.3948
Hg-193	4.0220	3.3709	4.6969	4.9889	3.6604	2.8878	7.6785	4.5761
Hg-193m	4.0620	3.3104	4.7122	5.1938	3.8187	2.9828	8.4772	5.0671
Hg-194	0.3293	0.2698	0.3869	0.3255	0.1970	0.1829	0.3661	0.4280
Hg-195	2.3768	2.0149	2.7943	3.0050	2.0295	1.5813	3.9753	2.5334
Hg-195m	2.6743	2.2265	3.0683	3.0895	2.2342	1.8901	4.1592	2.8496
Hg-197	2.0978	1.7455	2.4623	2.5636	1.7571	1.3204	3.2463	2.0175
Hg-197m	2.0279	1.6796	2.4597	2.2809	1.7261	1.4267	3.1110	1.9579
Hg-199m	2.7945	2.2273	3.2258	3.1046	2.4870	2.1495	4.3598	2.3859
Hg-203	1.8540	1.5732	2.3365	2.0871	1.8430	1.7217	3.1187	1.4942
Hg-205	0.0595	0.0562	0.0713	0.0666	0.0556	0.0465	0.0921	0.0493
Hg-206	0.8492	0.7312	1.2392	1.0196	0.8491	0.7703	1.5388	0.7523
Hg-207	5.0010	4.1351	5.9905	5.9399	4.9640	3.9068	12.2210	6.8025
Ho-150	2.8284	2.2745	3.4773	4.0355	2.7967	1.8649	8.6988	5.6818
Ho-153	3.1930	2.8084	4.0474	3.8884	3.1488	2.6883	6.1023	3.3578
Ho-153m	3.7307	3.2448	4.2760	4.4549	3.6075	3.0276	7.0783	4.0260
Ho-154m	8.3947	6.7940	10.2441	10.8510	8.3970	6.9518	18.4823	10.8853
Ho-154	4.2307	3.5549	5.5281	5.3265	4.2502	3.5628	9.2977	5.2540
Ho-155	3.0028	2.7121	3.3808	3.4999	2.8373	2.3590	5.0863	2.9094
Ho-156	5.7487	4.8712	6.6604	6.7321	5.5962	4.6169	11.6675	6.4801
Ho-157	4.5141	4.1002	5.2387	5.3576	4.2955	3.5817	7.5963	4.2801
Ho-159	4.9123	4.4935	5.7450	5.6709	4.6641	3.8982	7.9234	4.2942
Ho-160	5.9067	5.0371	6.9620	7.6413	5.7080	4.0667	14.8857	9.7757
Ho-161	1.9139	1.7732	1.9280	2.2220	1.6922	1.3035	2.6400	1.6221
Ho-162	1.6318	1.5335	1.7612	1.9135	1.4827	1.1497	2.4196	1.4308

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	3.3404	3.0127	3.7930	3.8999	3.0770	2.5208	5.5884	3.3585
Ho-163	0.0094	0.0076	0.0113	0.0097	0.0055	0.0050	0.0112	0.0126
Ho-164	0.9002	0.8659	0.9684	1.0610	0.8134	0.6407	1.2778	0.7632
Ho-164m	1.6911	1.5939	1.8453	1.9880	1.4332	1.1564	2.2987	1.5477
Ho-166	0.3550	0.3102	0.4057	0.4054	0.3075	0.2243	0.5877	0.3463
Ho-166m	6.7264	5.6361	8.1718	8.5842	6.5334	5.0221	16.0145	9.6775
Ho-167	2.4424	2.1145	3.3808	2.9595	2.4543	2.2742	4.2357	2.0135
Ho-168	2.5831	2.1073	3.1622	3.5378	2.5044	1.7283	7.2719	4.6064
Ho-168m	0.3277	0.2983	0.3719	0.3698	0.2529	0.2093	0.4366	0.3400
Ho-170	5.8432	4.9138	6.7621	7.1145	5.6502	4.3537	13.5858	8.5564
I-118m	8.0230	6.3364	9.6698	10.8808	7.9368	5.4694	22.9915	15.2361
I-118	2.7501	2.1747	3.2549	3.7315	2.7187	1.8481	7.9319	5.1892
I-119	2.7006	2.2259	2.7034	3.0327	2.6101	2.2704	4.5657	2.4653
I-120	3.3063	2.6658	3.5895	4.2725	3.2402	2.2184	9.0896	5.5344
I-120m	6.9636	5.4999	8.0741	9.4188	6.8711	4.6298	20.0249	13.1698
I-121	3.0158	2.6882	3.0748	3.4473	2.8138	2.2488	4.7084	2.6984
I-122	0.6732	0.5333	0.6861	0.8897	0.6392	0.4208	1.6400	1.0940
I-123	2.9535	2.3015	2.8172	3.1103	2.6934	2.2793	4.2865	2.2429
I-124	2.6457	2.1176	2.7835	3.4361	2.5243	1.6908	6.5900	4.1957
I-125	2.0169	1.6411	1.4734	2.3681	1.7414	1.1779	2.4728	1.6139
I-126	2.0092	1.5708	2.1789	2.6117	1.9372	1.4857	4.3407	2.6468
I-128	0.3497	0.2681	0.3527	0.4535	0.3394	0.2617	0.7462	0.4684
I-129	1.0638	0.8894	0.8073	1.2821	0.9449	0.6773	1.2680	0.8596
I-130m	0.6148	0.4888	0.5981	0.7960	0.5666	0.3801	1.3572	0.9472
I-130	6.4122	4.9961	7.6650	9.0288	6.3818	4.3369	19.1207	12.6472
I-131	1.9410	1.9705	2.0105	1.9704	1.9108	1.9209	1.9920	1.9229
I-132	5.6329	4.4514	6.9331	7.9221	5.6005	3.7614	17.3647	11.3316
I-132m	1.6674	1.3455	1.8274	2.1394	1.5561	1.1285	3.8261	2.5171
I-133	2.0302	1.5764	2.2548	2.8337	2.0183	1.3136	6.0254	4.1659
I-134m	2.8798	2.4224	2.9245	3.2982	2.7517	2.3413	4.4145	2.3975
I-134	5.7522	4.5762	6.8661	7.7737	5.7122	3.9375	17.2367	11.2826
I-135	2.4685	2.0132	2.7633	3.0130	2.4293	1.8567	6.1381	3.5473
In-103	4.0472	3.4091	4.6997	4.9852	3.9450	3.0148	9.7693	5.7436
In-105	3.6256	2.9509	4.1717	4.3766	3.5121	2.7021	8.2059	4.8480
In-106	6.8614	5.4359	8.1637	9.2118	6.7861	4.5600	20.6010	14.0408
In-106m	3.0761	2.4779	3.6335	4.0384	3.0421	2.0737	9.1498	5.5765
In-107	3.3820	2.8850	3.6986	3.9829	3.2244	2.5359	6.8324	3.9343
In-108	8.9646	7.1966	10.3224	11.4337	8.7744	6.3612	23.7757	15.3594
In-108m	3.2567	2.6291	3.6414	4.1497	3.1643	2.2111	8.8942	5.3544
In-109	3.5153	3.0512	3.7452	4.0525	3.2729	2.5940	6.1367	3.6876

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.8452	1.4471	2.3251	2.6035	1.8276	1.1959	5.7175	3.8235
In-110	8.3593	6.5803	9.7468	11.2214	8.1527	5.4765	24.2482	16.4984
In-110m	2.5024	1.9690	2.9351	3.3775	2.4267	1.6327	7.0769	4.6325
In-111	4.8487	3.9704	4.7738	5.0387	4.5274	4.0535	7.1564	3.7781
In-111m	1.8127	1.4027	1.9644	2.5149	1.7845	1.1435	5.2514	3.6635
In-112	0.4608	0.3536	0.3909	0.5374	0.4006	0.2860	0.7578	0.5385
In-112m	1.0428	0.8066	0.8507	1.1162	0.8981	0.6810	1.3545	0.8250
In-113m	1.6008	1.2105	1.6869	1.9583	1.5531	1.4018	2.6240	1.3425
In-114	0.0088	0.0069	0.0079	0.0104	0.0079	0.0059	0.0150	0.0098
In-114m	0.9468	0.7892	0.8951	1.0749	0.8433	0.6348	1.4784	0.9237
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.3254	1.0985	1.6700	1.5703	1.2864	1.1427	2.0941	1.0521
In-116m	4.0113	3.2246	4.4995	4.9259	3.9366	3.1139	9.3850	5.3970
In-117	3.8545	2.9548	4.2697	4.5887	3.7248	2.9279	8.8340	5.4239
In-117m	0.9636	0.7846	1.1665	1.0569	0.9192	0.8265	1.4862	0.7253
In-118m	5.1126	4.0984	5.9657	6.5219	5.0269	3.7242	13.3196	8.6152
In-118	0.1251	0.1006	0.1415	0.1568	0.1219	0.0962	0.2826	0.1680
In-119	2.1518	1.6957	2.5954	3.0817	2.0908	1.3890	6.4794	4.1890
In-119m	0.2565	0.2064	0.2683	0.2981	0.2334	0.1817	0.4570	0.2951
In-121	2.0796	1.6614	2.4708	2.7202	2.0693	1.4225	6.3054	4.3568
In-121m	0.8738	0.7572	0.7823	1.1169	0.7771	0.5692	1.2368	0.7025
Ir-180	4.9376	4.1299	6.0602	6.3273	4.7218	3.8408	10.5577	6.3733
Ir-182	4.6891	3.9895	5.6467	5.8139	4.4455	3.7650	8.9622	5.1611
Ir-183	4.7711	4.1567	5.5576	6.2365	4.3914	3.6503	9.0116	5.1322
Ir-184	7.1602	6.0522	8.3073	9.0242	6.8038	5.6655	14.4365	8.4381
Ir-185	4.3533	3.8461	4.9709	5.5696	3.8420	3.2678	7.3946	4.3076
Ir-186	6.8718	5.8085	8.4488	8.7931	6.5594	5.4988	13.7951	7.8388
Ir-186m	3.9842	3.3645	4.8182	5.2813	3.7579	2.9165	9.0604	5.4870
Ir-187	2.9768	2.6155	3.4869	4.0536	2.6242	2.1866	5.0990	3.2049
Ir-188	4.8968	4.1485	5.5787	6.2063	4.5887	3.6517	10.5705	5.8210
Ir-189	2.0113	1.8203	2.3309	2.7073	1.6937	1.4840	2.7830	1.7243
Ir-190	7.8567	6.5526	9.2938	10.3422	7.5378	6.0274	16.9551	10.4377
Ir-190m	0.3213	0.2607	0.3863	0.3295	0.1884	0.1736	0.3793	0.4281
Ir-190n	1.6169	1.4793	1.8845	2.2392	1.3802	1.1972	2.2335	1.3350
Ir-191m	1.9842	1.7231	2.4034	2.4680	1.6628	1.4114	2.8874	1.8457
Ir-192	4.3855	3.7323	6.2903	5.5306	4.4755	3.9849	8.9679	4.8012
Ir-192m	0.3623	0.2964	0.4309	0.3629	0.2153	0.1991	0.4132	0.4763
Ir-192n	0.7632	0.6254	0.9066	0.7679	0.4572	0.4221	0.8728	0.9960
Ir-193m	0.3246	0.2643	0.3895	0.3353	0.1929	0.1772	0.3840	0.4274
Ir-194	0.3966	0.3396	0.5903	0.4899	0.4073	0.3749	0.7837	0.3925

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	9.6785	7.8008	12.4443	12.8777	9.7186	7.6653	23.8921	14.7015
Ir-195	1.5690	1.3951	1.8260	1.9851	1.3381	1.1205	2.3295	1.4022
Ir-195m	2.8248	2.3841	3.4614	3.5482	2.6565	2.2807	5.1470	2.9244
Ir-196	0.8320	0.6732	1.0885	1.0903	0.8391	0.7110	1.8941	1.0537
Ir-196m	10.5234	8.2834	12.5490	13.8862	10.4370	8.4141	24.6859	15.0494
K-38	1.6438	1.3978	1.7264	1.8216	1.6351	1.1946	4.6974	2.0224
K-40	0.1938	0.1625	0.2031	0.2219	0.1883	0.1441	0.4718	0.2255
K-42	0.3243	0.2756	0.3333	0.3641	0.3204	0.2377	0.8537	0.3882
K-43	3.7789	2.9650	4.7316	4.9791	3.8030	3.0976	9.0629	5.4170
K-44	2.7150	2.2312	3.0376	3.2870	2.6799	2.0045	7.1711	4.0932
K-45	3.2739	2.7618	3.5896	3.5520	3.1795	2.6013	7.1685	3.4460
K-46	2.6685	2.2219	2.9041	3.2195	2.6132	2.0738	6.2353	3.1122
Kr-74	2.7769	2.4698	3.4120	3.1526	2.6096	2.2649	4.7033	2.5513
Kr-75	2.5005	2.0283	3.0473	2.6578	2.3558	2.0260	4.3800	2.3219
Kr-76	3.3633	2.8725	4.2568	3.7866	3.1188	2.8559	5.5186	3.3635
Kr-77	2.6273	2.1515	3.3464	2.7808	2.4944	2.1539	4.4259	2.2925
Kr-79	1.4407	1.1893	1.6643	1.5546	1.2215	1.0911	2.3010	1.6942
Kr-81	0.6100	0.5163	0.6849	0.5409	0.3848	0.3624	0.5797	0.7492
Kr-81m	1.5546	1.4492	1.8404	1.6147	1.4245	1.2701	2.2331	1.2536
Kr-83m	0.2736	0.2292	0.3074	0.2492	0.1703	0.1601	0.2668	0.3386
Kr-85	0.0085	0.0065	0.0090	0.0119	0.0084	0.0053	0.0252	0.0178
Kr-85m	1.8443	1.4544	2.2309	1.8598	1.7592	1.6556	2.9475	1.3858
Kr-87	1.5403	1.1915	1.7018	1.9283	1.5390	1.3129	3.4240	1.7645
Kr-88	2.5339	2.1889	2.8139	2.8961	2.4608	1.8990	6.1144	3.1011
Kr-89	3.1909	2.6436	3.6437	4.0043	3.1583	2.3602	8.3545	4.8847
La-128	6.0606	4.9125	7.1278	7.6571	6.0431	4.7093	14.7594	9.1449
La-129	2.4883	2.1003	2.7161	2.9936	2.4289	2.0607	4.4555	2.5053
La-130	4.3719	3.5235	5.2550	5.6149	4.3674	3.4646	10.3752	6.2517
La-131	3.2250	2.7146	3.3985	3.9493	3.1254	2.6235	5.6037	3.1909
La-132	3.9744	3.1620	4.1779	5.1772	3.8958	2.8057	9.9285	6.3028
La-132m	3.4393	2.7824	3.8288	4.2094	3.3139	2.5751	7.0955	4.4459
La-133	1.3316	1.1181	1.2024	1.6270	1.1900	0.9139	1.8545	1.2918
La-134	0.5282	0.4399	0.4656	0.6671	0.4876	0.3524	0.8717	0.5838
La-135	1.0863	0.9164	0.8521	1.3453	0.9789	0.7256	1.3313	0.9301
La-136	0.7405	0.6238	0.5992	0.9246	0.6705	0.4944	0.9813	0.6741
La-137	1.0151	0.8589	0.7864	1.2518	0.9102	0.6764	1.1885	0.8346
La-138	2.3639	1.9518	2.4773	2.9898	2.2765	1.6744	5.5625	3.1316
La-140	3.9282	3.2353	4.3910	4.8925	3.9233	2.8465	10.8877	6.0230
La-141	0.0345	0.0285	0.0375	0.0410	0.0337	0.0267	0.0783	0.0390
La-142	2.7459	2.2532	3.1567	3.4592	2.7290	1.9252	8.0321	4.5658

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.4012	0.3244	0.4621	0.5132	0.3974	0.2825	1.1382	0.6789
Lu-165	4.5256	4.0621	5.2626	5.5187	4.2775	3.4983	8.3321	4.5104
Lu-167	5.0933	4.4773	5.6293	6.1730	4.7944	3.8192	10.0250	5.5009
Lu-169m	0.2357	0.1906	0.2847	0.2443	0.1375	0.1264	0.2824	0.3157
Lu-169	4.6611	4.1914	5.3160	5.7422	4.3752	3.4370	9.3601	5.4466
Lu-170	4.5575	4.0016	5.0851	5.5463	4.3168	3.3145	10.0211	5.5277
Lu-171m	0.2549	0.2071	0.3074	0.2667	0.1514	0.1382	0.3082	0.3369
Lu-171	4.2451	3.7535	4.9385	5.5384	3.8216	2.9024	8.6081	5.4808
Lu-172	6.5088	5.5967	7.5707	8.1535	6.1762	4.6798	14.7388	9.2748
Lu-172m	0.2119	0.1713	0.2560	0.2197	0.1236	0.1137	0.2540	0.2839
Lu-173	3.3937	3.2219	3.8761	4.1900	3.1063	2.5592	5.2502	2.7608
Lu-174	1.6584	1.5793	1.8835	2.0776	1.4572	1.1701	2.4859	1.4168
Lu-174m	1.9314	1.8066	2.2079	2.4203	1.6014	1.3446	2.6771	1.7584
Lu-176	4.3425	4.0450	5.9001	5.0753	4.2062	3.8292	6.9913	3.4692
Lu-176m	0.4288	0.3851	0.4984	0.5129	0.3602	0.2978	0.6584	0.4043
Lu-177	0.4712	0.4497	0.5617	0.5444	0.4409	0.3886	0.7325	0.3817
Lu-177m	9.7201	8.7031	11.6799	11.5146	9.2951	8.3651	15.6756	7.9391
Lu-178	0.4454	0.3980	0.5054	0.5340	0.4028	0.3402	0.7868	0.4324
Lu-178m	8.1460	7.1456	10.2127	9.8523	7.9736	7.0673	14.3780	7.2663
Lu-179	0.2770	0.2615	0.3233	0.3081	0.2660	0.2340	0.4357	0.2249
Lu-180	4.1885	3.5128	4.8689	5.0905	4.0549	3.4320	8.3550	4.7145
Lu-181	3.2416	2.8116	3.9267	4.1391	3.0292	2.4078	6.9001	4.3219
Mg-27	1.9175	1.5251	2.3222	2.6212	1.9073	1.2755	6.0639	4.1218
Mg-28	3.3989	2.7250	3.4551	4.2115	3.2914	2.5653	7.0346	4.1335
Mn-50m	6.2414	5.0312	7.2906	8.1354	6.1536	4.4460	17.2820	10.6063
Mn-51	0.0153	0.0123	0.0184	0.0190	0.0129	0.0098	0.0353	0.0252
Mn-52	5.7228	4.6194	6.6943	7.4476	5.6088	3.9644	16.3427	10.2224
Mn-52m	1.7941	1.4961	1.9005	2.0825	1.7567	1.3659	4.2702	2.0398
Mn-53	0.1903	0.1539	0.2300	0.1974	0.1110	0.1021	0.2283	0.2551
Mn-54	2.0887	1.6591	2.5822	2.9322	2.0004	1.3510	6.3897	4.2904
Mn-56	2.6074	2.1114	3.0704	3.4832	2.5943	1.7620	8.1557	4.9203
Mn-57	0.8832	0.7279	1.0704	0.9791	0.7301	0.6194	1.4863	1.0656
Mn-58m	4.2073	3.3744	4.8813	5.6203	4.1556	3.0116	11.6607	6.9598
Mo-101	3.2978	2.7017	3.7739	4.1199	3.2061	2.3543	8.4363	5.2504
Mo-102	0.2003	0.1741	0.2311	0.2109	0.1915	0.1732	0.3127	0.1557
Mo-89	0.4248	0.3387	0.4897	0.5475	0.4097	0.2974	1.1384	0.7235
Mo-90	4.9766	4.0482	5.2940	5.3386	4.5147	4.1031	7.5535	4.5976
Mo-91m	1.8160	1.4554	2.1168	2.3459	1.7709	1.2702	4.9481	3.0473
Mo-91	0.0803	0.0607	0.0668	0.0807	0.0601	0.0558	0.0930	0.0802
Mo-93	0.9923	0.7246	0.7788	0.9650	0.6823	0.6823	0.7438	0.9232

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	5.1471	4.1793	5.7651	6.3104	5.0111	3.8830	12.6616	7.3066
Mo-99	0.6173	0.4979	0.7358	0.7815	0.5933	0.4606	1.4652	0.9055
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.1526	1.0081	1.2666	1.3518	1.1547	0.8952	3.4923	1.4428
Na-22	1.8501	1.5000	2.0796	2.2652	1.7882	1.4969	3.6428	1.9276
Na-24	3.4270	2.8897	3.6742	4.0377	3.3743	2.6110	8.6224	4.0303
Nb-87	3.1614	2.8780	3.6075	3.3580	2.8318	2.5065	4.3448	2.5929
Nb-88m	6.9046	5.4557	7.8952	8.7649	6.8339	5.1179	18.2131	11.7760
Nb-88	8.6731	6.8278	9.7821	10.8296	8.3853	6.2023	21.8941	14.8822
Nb-89	0.8111	0.6569	0.8114	0.9130	0.7247	0.5779	1.7262	1.0211
Nb-89m	1.9423	1.4944	2.0351	2.6457	1.8668	1.2413	5.3456	3.8216
Nb-90	5.8542	4.7363	6.3881	6.4995	5.5001	4.4110	12.7672	7.1989
Nb-91	0.9985	0.7428	0.8119	0.9569	0.6688	0.6679	0.7349	0.9334
Nb-91m	0.8890	0.6557	0.7171	0.8757	0.6245	0.6168	0.7321	0.8406
Nb-92	4.8075	3.7393	5.2855	6.1444	4.4719	3.1489	12.6239	9.2440
Nb-92m	2.9478	2.2964	3.1241	3.5017	2.6076	1.9626	6.8534	5.2580
Nb-93m	0.1903	0.1400	0.1549	0.1859	0.1295	0.1289	0.1486	0.1824
Nb-94m	0.6865	0.5025	0.5453	0.6722	0.4748	0.4711	0.5409	0.6525
Nb-94	3.7661	2.9775	4.6922	5.3469	3.7489	2.4723	12.0831	8.0357
Nb-95	1.8937	1.4959	2.3928	2.8043	1.8848	1.2399	6.1752	3.9546
Nb-95m	1.1996	0.9593	1.0884	1.2159	0.9795	0.9368	1.3465	1.0427
Nb-96	6.0564	4.7888	7.2066	8.3419	6.0101	4.1914	17.6736	11.5349
Nb-97	1.9092	1.4990	2.4356	2.7145	1.9008	1.2456	6.0396	4.0284
Nb-98m	5.8446	4.6823	7.1428	8.0635	5.8037	4.0460	17.4955	10.7988
Nb-99	3.1299	2.6373	3.5200	3.3068	2.9010	2.6502	4.8321	2.5593
Nb-99m	1.2621	1.0493	1.3990	1.5202	1.2332	0.9800	3.0446	1.6892
Nd-134	3.4427	2.9078	3.7346	3.8165	3.2881	2.8752	5.4103	3.0040
Nd-135	4.0254	3.5276	4.3448	4.8232	3.8607	3.1362	7.1446	4.3985
Nd-136	2.9431	2.6104	2.9782	3.5090	2.7853	2.2719	4.5865	2.9136
Nd-137	3.5546	2.9714	3.8478	4.4902	3.4302	2.5556	7.4064	4.6714
Nd-138	1.1675	1.0344	1.0739	1.3991	1.0797	0.8615	1.3961	0.9848
Nd-139	1.2537	1.0660	1.2126	1.5406	1.1827	0.9284	2.0119	1.3524
Nd-139m	5.5312	4.6462	6.2439	7.1175	5.3863	3.9990	13.0474	8.4151
Nd-140	1.0452	0.9250	0.9091	1.2539	0.9569	0.7496	1.2002	0.8880
Nd-141	1.0778	0.9510	0.9468	1.2932	0.9897	0.7756	1.2794	0.9342
Nd-141m	1.8232	1.4490	2.2746	2.6661	1.8083	1.1998	5.7481	3.7035
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.4948	1.3215	1.5859	1.8070	1.4440	1.1380	2.6748	1.6140
Nd-149	2.9038	2.5507	3.3609	3.3842	2.8364	2.4412	5.1545	2.8572
Nd-151	3.4211	2.8819	3.9913	4.1006	3.3583	2.7483	7.1803	4.1322

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.3247	1.1146	1.5011	1.4633	1.2763	1.1854	2.1603	1.1705
Ne-19	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0005	0.0002
Ne-24	2.0982	1.6014	2.2522	2.8671	2.0927	1.5019	5.6103	3.7434
Ni-56	6.5888	5.1750	7.6884	8.0837	6.3267	5.0592	15.7284	9.4097
Ni-57	2.2911	1.9006	2.5677	2.6337	2.1657	1.7225	4.9788	2.5540
Ni-59	0.3300	0.2668	0.3988	0.3423	0.1924	0.1770	0.3959	0.4423
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.8279	0.6813	0.9166	0.9804	0.8177	0.6320	2.0482	1.1176
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	6.1022	5.2346	7.3840	7.2689	5.7200	4.9535	12.3097	7.5822
Np-233	2.0279	1.8796	2.1948	2.1778	1.8132	1.7238	3.0477	1.7395
Np-234	3.4858	3.0396	3.6814	3.8534	3.1472	2.6965	6.6248	3.8205
Np-235	0.6319	0.4954	0.6055	0.6033	0.4202	0.4054	0.5701	0.6879
Np-236	4.3360	3.6570	4.4249	4.3839	3.5663	3.4262	5.5196	3.9013
Np-236m	1.1358	1.0351	1.2081	1.2122	0.9927	0.9397	1.6659	1.0173
Np-237	1.4799	1.2043	1.4285	1.5091	1.1387	0.9968	1.7087	1.4436
Np-238	1.7027	1.3427	1.8224	1.9546	1.5199	1.1480	3.9225	3.0857
Np-239	3.1630	2.8479	3.4800	3.4038	2.8286	2.6991	4.6104	2.7191
Np-240	5.1101	4.1389	5.5404	5.9947	4.5955	3.7247	10.5114	7.4779
Np-240m	1.4348	1.1214	1.5357	1.7530	1.2732	0.9662	3.1641	2.3337
Np-241	0.7923	0.7111	0.8535	0.8451	0.7004	0.6634	1.1588	0.6984
Np-242	0.5208	0.4182	0.5857	0.6539	0.4902	0.3592	1.3517	0.8509
Np-242m	4.3339	3.4402	4.6857	5.0825	3.8177	3.1295	8.8083	6.2565
O-14	1.6355	1.3943	1.7080	1.8084	1.6274	1.1933	4.6466	1.9993
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.9676	2.7598	3.4857	3.3354	2.8565	2.4210	5.1891	2.6071
Os-180	2.2773	2.0207	2.6102	3.0234	1.9236	1.6640	3.3074	2.1466
Os-181	5.9124	5.1432	6.8122	7.6331	5.5196	4.5132	11.8126	6.9770
Os-182	3.9056	3.3901	4.4446	5.0515	3.5548	2.8910	7.2339	4.5428
Os-183	5.5238	4.8015	6.5471	7.2755	5.1415	4.6050	8.9192	4.7319
Os-183m	3.2341	2.7872	3.7344	4.2452	2.9925	2.3676	6.6877	4.3597
Os-185	3.2579	2.7684	3.9854	4.5911	3.0439	2.2580	7.7379	5.0108
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3083	0.2499	0.3711	0.3172	0.1805	0.1662	0.3655	0.4114
Os-190m	7.7968	6.3824	9.4489	10.0292	7.5477	5.9310	17.9257	11.3570
Os-191	2.1274	1.8513	2.5785	2.6647	1.8017	1.5258	3.1199	1.9492
Os-191m	0.4569	0.3897	0.5434	0.5367	0.3142	0.2817	0.5739	0.5186
Os-193	0.7098	0.5985	0.8459	0.8937	0.6384	0.5354	1.2202	0.7345
Os-194	0.3401	0.2878	0.3907	0.3555	0.2274	0.2012	0.3992	0.4120
Os-196	0.7379	0.6349	0.8990	0.9435	0.6931	0.5935	1.2690	0.6986

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0012	0.0011	0.0013	0.0014	0.0012	0.0009	0.0035	0.0015
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.7791	0.6731	0.8280	0.8483	0.6266	0.5666	0.9966	0.7273
Pa-228	6.2949	5.2634	7.0996	7.2884	5.7185	4.7299	12.6104	8.2431
Pa-229	1.7452	1.5585	1.8839	1.8396	1.5068	1.3629	2.5740	1.5740
Pa-230	3.5818	3.0041	3.9354	4.1284	3.2222	2.6295	7.2112	4.9203
Pa-231	1.3174	1.0694	1.3704	1.3295	0.9700	0.8924	1.4435	1.3466
Pa-232	3.4296	2.7147	3.8052	4.1439	3.1475	2.4322	7.9304	5.6540
Pa-233	2.6357	2.3043	3.2866	2.8966	2.3859	2.2924	3.9027	2.2940
Pa-234	6.4429	5.3404	7.2590	7.6225	5.8910	4.7759	13.6368	9.1074
Pa-234m	0.0523	0.0435	0.0583	0.0619	0.0483	0.0378	0.1212	0.0836
Pa-235	0.1115	0.0902	0.1345	0.1153	0.0651	0.0599	0.1333	0.1492
Pa-236	2.3929	1.9391	2.7107	2.9268	2.2075	1.6711	5.7636	3.7611
Pa-237	1.7099	1.3558	2.0303	2.3539	1.6662	1.1279	5.0834	3.4611
Pb-194	4.8071	3.9891	5.6227	5.8612	4.4784	3.3599	9.9282	5.8461
Pb-195m	7.1181	5.6282	8.5069	8.9392	6.7523	5.5063	14.7717	8.8521
Pb-196	4.3024	3.5309	4.9059	5.1720	3.9820	3.0783	8.1424	4.8374
Pb-197	4.6946	3.7636	5.4917	5.8229	4.4612	3.5155	9.8681	5.5734
Pb-197m	6.1147	4.9137	7.2140	7.5182	5.7613	4.6986	12.0458	7.0583
Pb-198	4.1077	3.3847	5.0180	4.8492	3.8223	3.1670	7.1677	3.9203
Pb-199	3.8779	3.1518	4.6719	4.7473	3.6636	2.9080	7.7765	4.3226
Pb-200	3.5286	2.8685	4.1150	3.9924	3.1426	2.5157	5.7496	3.2472
Pb-201	4.3794	3.6329	5.8101	5.4006	4.1981	3.4663	8.4901	4.7140
Pb-201m	1.6880	1.3385	2.0836	2.2046	1.5897	1.0698	4.3289	2.8391
Pb-202	0.3138	0.2566	0.3726	0.3137	0.1863	0.1724	0.3568	0.4124
Pb-202m	6.0536	4.7249	7.0599	7.9759	5.9402	4.3987	16.0236	10.5114
Pb-203	3.4789	2.8995	4.2302	4.0299	3.2528	2.7501	5.7951	3.0599
Pb-204m	5.5641	4.4058	6.7978	7.2718	5.5472	4.2155	14.9061	9.6113
Pb-205	0.3176	0.2597	0.3772	0.3175	0.1886	0.1745	0.3611	0.4174
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.4076	0.3464	0.4514	0.3948	0.2708	0.2457	0.4298	0.4776
Pb-211	0.2287	0.1763	0.2660	0.3030	0.2250	0.1776	0.5530	0.3333
Pb-212	1.7045	1.4228	1.8886	1.8456	1.5907	1.3178	2.8153	1.5022
Pb-214	1.8782	1.5575	2.4639	2.1908	1.8242	1.6250	3.2814	1.6847
Pd-100	3.5246	2.6682	3.3388	3.8550	3.1347	2.4744	5.0164	3.2429
Pd-101	2.6869	2.0149	2.4750	2.9694	2.3702	2.1157	3.8506	2.9628
Pd-103	0.9138	0.6416	0.6386	0.9255	0.7350	0.6960	0.8269	0.8832
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.4776	1.3059	1.5934	1.5608	1.3592	1.2039	2.0633	1.1719

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.5354	0.4066	0.4125	0.5718	0.4449	0.3528	0.6309	0.4801
Pd-111	0.1373	0.1093	0.1566	0.1804	0.1344	0.0980	0.3478	0.2162
Pd-112	0.3975	0.2841	0.3021	0.3922	0.2922	0.2904	0.3236	0.3865
Pd-114	0.2580	0.2200	0.3076	0.2831	0.2513	0.2212	0.4253	0.2145
Pd-96	4.3020	3.4111	4.9721	5.3786	4.1190	3.1126	10.0025	6.4634
Pd-97	3.8682	3.1306	4.1724	4.6121	3.7847	3.0430	8.9032	5.1984
Pd-98	3.3480	2.7951	3.4881	3.8470	3.1083	2.7125	5.7620	3.6279
Pd-99	3.4489	2.7287	3.8698	3.8899	3.2792	2.7636	6.5311	3.7893
Pm-136	5.8367	4.6327	7.2844	7.8250	5.8560	4.5685	15.0121	9.2461
Pm-137m	6.1324	5.2325	6.8850	7.3419	5.9903	4.9771	11.9478	7.0141
Pm-139	1.0704	0.8822	1.1289	1.3322	1.0408	0.8588	1.9857	1.1808
Pm-140m	6.2879	4.9573	7.2325	8.2925	6.2301	4.6420	16.6151	10.8438
Pm-140	0.4238	0.3488	0.4622	0.5454	0.4104	0.3036	0.9817	0.6311
Pm-141	0.8613	0.7526	0.8511	1.0329	0.8121	0.6340	1.4195	0.9137
Pm-142	0.3268	0.2897	0.3054	0.3863	0.3062	0.2364	0.5058	0.3201
Pm-143	1.7896	1.5278	1.8813	2.3327	1.7011	1.2502	3.5905	2.4380
Pm-144	5.7678	4.6295	6.7324	7.9336	5.6633	3.8859	15.6837	10.5630
Pm-145	1.0966	0.9822	1.0036	1.3083	1.0047	0.7951	1.2862	0.9439
Pm-146	3.1019	2.4821	3.4237	4.1882	3.0383	2.2393	7.5152	4.8998
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	1.0947	0.8798	1.2237	1.4196	1.0843	0.7486	3.1325	1.9538
Pm-148m	6.3676	5.0239	7.6647	8.7185	6.3440	4.3854	18.4542	12.3594
Pm-149	0.0736	0.0629	0.0966	0.0852	0.0739	0.0689	0.1329	0.0679
Pm-150	3.3794	2.7948	4.4179	4.2446	3.4082	2.8587	7.7520	4.2620
Pm-151	2.2943	1.9775	2.7744	2.7330	2.2560	1.9894	4.1267	2.2463
Pm-152m	5.4547	4.6005	6.2959	6.3618	5.3702	4.5154	10.9727	6.2193
Pm-152	0.9625	0.8120	1.1470	1.1774	0.9409	0.7176	2.2150	1.3729
Pm-153	1.2918	1.1194	1.4670	1.4617	1.2198	0.9986	2.0227	1.1360
Pm-154	2.9537	2.4494	3.2981	3.5576	2.8799	2.1036	7.4333	4.3805
Pm-154m	5.0798	4.3007	5.7521	6.0605	4.9478	3.9405	10.8934	6.0918
Po-203	5.1091	4.1485	5.9329	6.1088	4.7862	3.4452	11.7294	7.4034
Po-204	6.8801	5.5669	8.1280	8.0975	6.2656	4.6573	14.1135	8.9898
Po-205	4.9153	3.9400	5.7657	6.0322	4.6312	3.2182	12.0794	7.6601
Po-206	5.7838	4.6584	6.9405	6.9541	5.3615	3.9868	12.6597	8.2513
Po-207	4.4700	3.5566	5.2656	5.4402	4.2244	2.9658	10.8377	7.0737
Po-208	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0003	0.0002
Po-209	0.0485	0.0393	0.0566	0.0546	0.0402	0.0326	0.0871	0.0621
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-211	0.0217	0.0171	0.0258	0.0299	0.0215	0.0141	0.0671	0.0461
Po-212m	0.0817	0.0670	0.0903	0.1031	0.0813	0.0564	0.2395	0.1344

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	0.0002
Po-214	0.0002	0.0002	0.0002	0.0003	0.0002	0.0001	0.0006	0.0004
Po-215	0.0008	0.0006	0.0009	0.0011	0.0008	0.0007	0.0018	0.0011
Po-216	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	7.9721	6.4094	9.6115	10.2518	7.9399	6.3555	18.8136	11.4411
Pr-134m	3.6332	2.8500	3.9510	4.5600	3.6049	2.9166	8.3232	4.7605
Pr-135	2.5203	2.1596	2.7593	3.0419	2.4310	1.9402	4.3894	2.6010
Pr-136	4.0662	3.2403	4.4210	5.4149	4.0040	2.7156	11.1392	7.4482
Pr-137	1.0115	0.8656	0.9152	1.2394	0.9390	0.7212	1.4757	1.0079
Pr-138	0.3455	0.2957	0.3190	0.4338	0.3215	0.2403	0.5554	0.3751
Pr-138m	6.6567	5.4923	8.1754	8.5990	6.6113	5.0699	16.5207	10.5367
Pr-139	0.9999	0.8708	0.8423	1.2095	0.9133	0.7053	1.1821	0.8475
Pr-140	0.5324	0.4641	0.4492	0.6440	0.4864	0.3752	0.6312	0.4519
Pr-142	0.0641	0.0550	0.0635	0.0705	0.0635	0.0454	0.1789	0.0796
Pr-142m	0.0150	0.0121	0.0181	0.0155	0.0087	0.0080	0.0180	0.0201
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0422	0.0343	0.0500	0.0556	0.0420	0.0289	0.1279	0.0742
Pr-144m	0.4713	0.4126	0.4308	0.5570	0.4126	0.3276	0.5507	0.4318
Pr-145	0.0570	0.0466	0.0662	0.0756	0.0557	0.0393	0.1463	0.0972
Pr-146	2.0430	1.6161	2.2437	2.6456	2.0293	1.5107	5.3694	3.1644
Pr-147	3.0497	2.6027	3.4067	3.7375	2.9344	2.2702	5.5719	3.4505
Pr-148	2.5242	2.1225	3.3535	3.1114	2.5559	2.1660	5.7076	3.1305
Pr-148m	3.8144	3.1503	5.0698	4.8418	3.8797	3.3061	8.5515	4.8135
Pt-184	7.7220	6.6631	9.0711	9.8355	6.9573	5.8125	13.2018	7.7741
Pt-186	4.0741	3.4729	4.9425	5.5857	3.7557	2.9069	8.6550	5.3934
Pt-187	4.7665	4.2025	5.6915	6.2474	4.3236	3.6230	8.2796	4.8481
Pt-188	3.2500	2.9118	3.8294	4.1590	2.8686	2.4724	4.8235	2.7782
Pt-189	4.3781	3.8188	5.1929	5.8241	3.9267	3.2111	7.7948	4.7007
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.8640	3.3713	4.5368	5.1828	3.4411	2.8722	6.3024	3.7068
Pt-193	0.3324	0.2711	0.3966	0.3353	0.1965	0.1815	0.3831	0.4391
Pt-193m	0.6218	0.5243	0.7360	0.7235	0.4461	0.3816	0.8165	0.6888
Pt-195m	2.4192	2.1149	2.8267	2.9866	1.9667	1.6555	3.4710	2.3162
Pt-197	0.6750	0.5447	0.7966	0.7356	0.5437	0.4016	1.0440	0.7127
Pt-197m	1.6455	1.4104	1.9999	2.0178	1.3505	1.1590	2.3633	1.5886
Pt-199	0.9701	0.7927	1.1533	1.2478	0.9388	0.7075	2.2952	1.4740
Pt-200	1.2269	1.0266	1.4418	1.4336	1.0482	0.8374	1.9003	1.1674
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.5134	1.4068	1.6268	1.6232	1.3509	1.2987	2.2362	1.2829
Pu-234	1.7173	1.5836	1.8345	1.8325	1.5145	1.4562	2.4891	1.4746
Pu-235	2.2931	2.0911	2.4290	2.4405	1.9938	1.9046	3.2697	2.0246
Pu-236	0.2017	0.1559	0.1852	0.1918	0.1357	0.1319	0.1734	0.2140
Pu-237	1.5858	1.4140	1.6492	1.6765	1.3268	1.2711	2.0987	1.4271
Pu-238	0.1860	0.1437	0.1708	0.1767	0.1250	0.1216	0.1595	0.1976
Pu-239	0.1008	0.0788	0.0993	0.0978	0.0660	0.0634	0.0947	0.1130
Pu-240	0.1750	0.1352	0.1607	0.1663	0.1177	0.1144	0.1502	0.1858
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000
Pu-242	0.1501	0.1160	0.1379	0.1427	0.1009	0.0981	0.1290	0.1595
Pu-243	0.6306	0.5008	0.6742	0.6745	0.5499	0.4181	0.9978	0.5988
Pu-244	0.1630	0.1278	0.1591	0.1664	0.1220	0.1108	0.2034	0.1881
Pu-245	2.1048	1.7958	2.6778	2.5542	2.0481	1.7791	4.3311	2.5508
Pu-246	2.6609	2.3792	2.8121	2.8571	2.3812	2.1662	3.7164	2.2636
Ra-219	1.3038	1.1332	1.9382	1.5219	1.2957	1.1752	2.3292	1.1295
Ra-220	0.0201	0.0153	0.0215	0.0271	0.0200	0.0149	0.0506	0.0331
Ra-221	0.8740	0.7134	0.9709	0.8772	0.7239	0.6408	1.2298	0.8248
Ra-222	0.0561	0.0491	0.0901	0.0677	0.0582	0.0565	0.0994	0.0439
Ra-223	1.9786	1.6349	2.3228	2.1277	1.8008	1.5007	3.3003	1.8173
Ra-224	0.0953	0.0813	0.0981	0.1002	0.0915	0.0838	0.1512	0.0784
Ra-225	0.6100	0.5338	0.5755	0.6630	0.5152	0.4426	0.6182	0.5696
Ra-226	1.5742	1.6075	1.6386	1.5904	1.5551	1.5798	1.6337	1.5735
Ra-227	1.8911	1.5585	2.0551	2.0540	1.5859	1.3966	2.7351	1.9657
Ra-228	1.5648	1.5921	1.6151	1.5854	1.5433	1.5606	1.5848	1.6345
Ra-230	1.0110	0.8742	1.1305	1.1663	0.9074	0.7689	1.6731	1.0037
Rb-77	2.6723	2.2768	3.1009	3.4492	2.5502	2.0713	5.3336	3.0783
Rb-78m	4.7195	3.7784	5.3532	6.1246	4.6827	3.4857	12.5325	7.5269
Rb-78	3.4995	2.8305	3.8473	4.4967	3.4625	2.5810	9.3874	5.3937
Rb-79	3.2829	2.6527	3.9023	3.7982	3.1023	2.5599	6.7279	4.1084
Rb-80	0.5633	0.4418	0.7056	0.7887	0.5572	0.3668	1.7312	1.1724
Rb-81	1.2894	1.0282	1.4053	1.4987	1.1280	0.9114	2.4949	1.8879
Rb-81m	0.6190	0.5211	0.6375	0.5502	0.4439	0.4007	0.6229	0.6723
Rb-82	0.3351	0.2674	0.4146	0.4743	0.3234	0.2199	1.0141	0.6595
Rb-82m	6.7598	5.3987	8.0354	9.0289	6.5385	4.5361	19.1943	12.8171
Rb-83	2.3982	1.9049	2.6207	3.0146	2.1645	1.5080	5.8510	4.4667
Rb-84	1.7602	1.4256	2.0748	2.1867	1.6030	1.1444	4.6156	3.3898
Rb-84m	2.7165	2.2799	2.8283	3.0314	2.6032	2.2923	4.8017	2.8224
Rb-86m	1.9070	1.4795	2.1827	2.6797	1.8948	1.2177	5.7849	4.0157
Rb-86	0.1645	0.1319	0.1888	0.2013	0.1623	0.1168	0.4520	0.3175
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.7082	0.5884	0.7793	0.8544	0.7041	0.4953	2.0986	1.1332
Rb-89	3.1179	2.5324	3.5477	3.8105	3.0751	2.2702	8.3127	5.1914
Rb-90	1.6478	1.3574	1.9080	2.2036	1.6426	1.1560	4.9980	2.9764
Rb-90m	3.8069	3.1146	4.4361	5.0509	3.7760	2.6668	11.3072	6.6581
Re-178	4.1709	3.7169	4.7121	5.1778	3.8949	3.2830	7.9972	4.5213
Re-179	5.2919	4.5398	6.2296	6.7721	5.0283	4.2701	10.0591	5.6199
Re-180	4.3554	3.8154	5.1372	5.8180	4.0536	3.1444	9.8646	6.3399
Re-181	5.1109	4.4329	6.2620	6.7239	4.7930	4.1466	9.2612	5.2957
Re-182	9.9255	8.7994	11.5790	12.1984	9.2295	8.0511	16.6806	9.1760
Re-182m	4.9806	4.4197	5.7230	6.5004	4.5722	3.7997	8.9117	5.1574
Re-183	3.5298	3.2139	4.0840	4.4787	3.0662	2.7059	5.0487	2.9125
Re-184	3.9179	3.4148	4.6744	5.3547	3.6474	2.8109	8.8612	5.5969
Re-184m	3.4683	3.1064	4.0705	4.3875	3.1136	2.6972	5.8824	3.5179
Re-186	0.4115	0.3575	0.4985	0.4999	0.3675	0.3184	0.6280	0.3495
Re-186m	1.1993	1.0377	1.4056	1.3762	0.8344	0.7485	1.4901	1.3589
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.5235	0.4168	0.5995	0.5863	0.4829	0.4293	0.9169	0.5024
Re-188m	2.1237	1.9602	2.4832	2.8219	1.7804	1.5843	2.9801	1.8405
Re-189	0.5924	0.5245	0.6746	0.6809	0.5429	0.4797	0.9355	0.5342
Re-190	5.7699	4.7565	6.8683	7.3689	5.6585	4.5334	13.0837	7.8870
Re-190m	4.8051	4.0089	5.7602	6.2163	4.6111	3.7361	10.2612	6.2417
Rh-100m	1.4438	1.0486	1.1114	1.5396	1.2036	1.0609	1.6092	1.4355
Rh-100	5.2823	4.1565	5.5008	6.5541	5.0449	3.7226	13.1877	8.3240
Rh-101	4.0619	3.4909	4.6707	4.3780	3.7376	3.2941	5.8331	3.4872
Rh-101m	2.5739	2.0981	3.2342	2.8955	2.4350	2.3513	3.7858	2.2600
Rh-102	1.7951	1.3414	1.7372	2.2304	1.6569	1.2952	3.7703	2.7592
Rh-102m	6.9878	5.3781	7.7972	9.2252	6.7448	4.8964	18.2826	12.5656
Rh-103m	0.1202	0.0870	0.0956	0.1224	0.0919	0.0865	0.1155	0.1244
Rh-104	0.0453	0.0349	0.0501	0.0617	0.0441	0.0298	0.1265	0.0887
Rh-104m	1.5979	1.3523	1.4116	1.7772	1.4005	1.2017	1.9508	1.3660
Rh-105	0.4606	0.4082	0.7615	0.5565	0.4846	0.4766	0.8170	0.3501
Rh-106	0.6609	0.5137	0.7491	0.9204	0.6574	0.4255	1.9925	1.3795
Rh-106m	7.1461	5.6427	8.1944	9.5940	7.0948	5.0278	20.0263	12.9232
Rh-107	1.8242	1.5644	2.6896	2.1850	1.8868	1.8119	3.2969	1.5224
Rh-108	1.2540	0.9519	1.4056	1.6797	1.2518	0.9730	3.1019	1.9545
Rh-109	2.0301	1.7310	2.7720	2.3759	2.0485	1.9344	3.4941	1.6800
Rh-94	4.3713	3.5789	5.0429	5.4741	4.3232	3.2341	11.4923	6.5456
Rh-95	3.0850	2.4735	3.4289	3.8260	2.9962	2.1915	8.2299	5.3106
Rh-95m	1.9392	1.5093	2.1490	2.6853	1.9107	1.2660	5.6730	3.8785
Rh-96	7.4222	5.8648	9.0082	10.2394	7.3133	4.9988	22.2889	14.4303

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.8733	1.4718	2.0073	2.3607	1.7799	1.3103	4.8221	3.1105
Rh-97	2.7586	2.0988	2.9443	3.4692	2.6638	2.2199	5.9096	3.6331
Rh-97m	4.2081	3.4666	4.4314	4.8227	3.9709	3.2154	8.8252	5.1577
Rh-98	2.2144	1.7432	2.7233	3.0421	2.1820	1.4744	6.6591	4.3681
Rh-99	3.7498	2.9365	3.9496	4.3928	3.4643	2.9501	6.7041	4.4753
Rh-99m	3.0030	2.3791	3.5934	3.5507	2.8456	2.5916	5.1594	3.1939
Rn-207	4.0082	3.2189	5.0374	4.9470	3.8678	3.0241	8.8959	5.2420
Rn-209	4.4705	3.5375	5.2755	5.4566	4.2742	3.3219	9.7788	5.6998
Rn-210	0.3190	0.2566	0.3716	0.3848	0.2963	0.2193	0.7009	0.4490
Rn-211	5.6397	4.4970	6.5678	6.9744	5.3713	3.9302	13.6914	8.6164
Rn-212	0.0009	0.0007	0.0012	0.0014	0.0009	0.0006	0.0030	0.0020
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0024	0.0019	0.0030	0.0034	0.0024	0.0016	0.0075	0.0051
Rn-219	0.3908	0.3141	0.4513	0.4483	0.3864	0.3575	0.6716	0.3340
Rn-220	1.7164	1.7496	1.7823	1.7397	1.6891	1.7185	1.7418	1.6974
Rn-222	0.0015	0.0012	0.0016	0.0021	0.0015	0.0010	0.0045	0.0031
Rn-223	2.1044	1.7115	2.3991	2.4586	1.8592	1.4701	4.1964	2.8474
Ru-103	1.9339	1.4888	2.0506	2.7023	1.9231	1.2485	5.6362	3.9502
Ru-105	2.6675	2.1091	3.2633	3.5544	2.6381	1.9907	6.9643	4.4246
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	1.0726	0.8921	1.2583	1.3408	1.0558	0.8349	2.4964	1.5135
Ru-108	0.8896	0.6986	0.9655	0.8863	0.8284	0.7732	1.3408	0.6661
Ru-92	8.6669	7.2594	9.1337	9.4574	8.0516	7.1007	13.9954	8.2597
Ru-94	2.9242	2.2441	3.2399	3.4478	2.7060	2.4727	4.9485	3.2139
Ru-95	3.8261	3.0688	4.6660	4.5896	3.6559	3.1677	7.6101	4.7535
Ru-97	2.9506	2.5391	3.0798	3.1366	2.6465	2.4420	3.9051	2.5096
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.4848	1.3012	1.6215	1.8837	1.4827	1.1215	4.3172	1.9854
S-38	1.4392	1.2231	1.5065	1.5958	1.4307	1.0379	4.1275	1.7835
Sb-111	3.1440	2.4445	3.3981	3.6495	3.0170	2.4247	6.6498	3.9706
Sb-113	2.4913	1.9654	2.6519	3.2893	2.4315	1.6785	6.2600	4.1726
Sb-114	3.0655	2.4958	3.4419	3.7728	2.9750	2.3347	6.8688	3.8407
Sb-115	2.6772	2.0796	2.5836	3.5532	2.5582	1.6512	6.6672	4.6040
Sb-116	2.8423	2.3060	2.9952	3.4362	2.7112	2.0630	6.1646	3.5019
Sb-116m	8.1391	6.5927	8.7471	9.9968	7.8428	5.9684	18.1730	11.2755
Sb-117	2.9143	2.2473	2.7787	2.9941	2.6353	2.2208	4.2307	2.1586
Sb-118	0.3495	0.2788	0.2832	0.4060	0.3044	0.2047	0.5238	0.3241
Sb-118m	7.9132	6.4436	7.9231	9.1737	7.5294	5.9319	15.2880	9.4736

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.2611	0.9984	0.9183	1.4141	1.0479	0.6842	1.5680	1.0299
Sb-120	0.6371	0.5074	0.4717	0.7245	0.5404	0.3484	0.8438	0.5333
Sb-120m	8.1885	7.0135	8.9481	9.5403	7.8293	5.9429	16.9427	10.4304
Sb-122m	2.2208	1.9369	2.1173	2.9335	1.9830	1.4807	3.0717	1.6584
Sb-122	1.4946	1.1626	1.7292	2.0956	1.4833	0.9586	4.5053	3.0967
Sb-124	3.4879	2.8029	4.0736	4.5990	3.4669	2.3404	10.4838	6.4082
Sb-124m	1.4877	1.1588	1.7635	2.0811	1.4640	0.9556	4.4820	3.0892
Sb-124n	0.0522	0.0422	0.0631	0.0542	0.0305	0.0280	0.0627	0.0700
Sb-125	2.4213	1.9080	2.4973	3.0987	2.3139	1.7200	5.1339	3.2503
Sb-126	8.2626	6.4475	10.1551	11.5110	8.2364	5.8633	23.9344	15.3969
Sb-126m	4.9958	3.8567	6.0471	6.8973	4.9797	3.6725	13.8000	8.7411
Sb-127	2.3526	1.8473	2.7540	3.2296	2.3360	1.6796	6.4987	4.1753
Sb-128	9.0057	7.2346	11.6756	12.5659	9.0315	6.4507	26.2662	16.6747
Sb-128m	5.7515	4.7171	7.9340	7.9793	5.8197	4.4119	16.0784	9.7123
Sb-129	3.1061	2.4874	3.6939	4.1696	3.0877	2.1361	9.2630	5.9487
Sb-130m	6.6794	5.3941	8.0875	9.0122	6.5971	4.6650	19.2658	12.3590
Sb-130	9.5346	7.8195	12.0378	12.5760	9.4919	7.2435	25.0396	15.1699
Sb-131	3.8430	3.0992	4.5611	4.9285	3.8181	2.7170	11.0105	6.9995
Sb-133	3.9886	3.2494	4.5466	4.9551	3.9472	2.9208	10.7468	6.3455
Sc-42m	5.5721	4.4620	6.0149	6.8271	5.4932	4.3804	12.8561	6.9382
Sc-43	0.4437	0.3485	0.5678	0.5500	0.4476	0.4297	0.7769	0.3704
Sc-44	1.9045	1.5336	2.1703	2.3335	1.8599	1.4365	4.5556	2.9277
Sc-44m	1.7720	1.4932	2.0946	1.9456	1.7805	1.6950	3.0254	1.4707
Sc-46	3.7983	3.0358	4.4730	4.9254	3.7554	2.6499	10.9211	7.4147
Sc-47	1.3967	1.0608	1.5469	1.3412	1.3197	1.2690	2.1772	0.9684
Sc-48	5.8236	4.6959	6.6498	7.1026	5.7342	4.1999	15.5383	10.4653
Sc-49	0.0010	0.0009	0.0010	0.0011	0.0010	0.0007	0.0029	0.0013
Sc-50	5.3893	4.3668	5.8145	6.7080	5.3283	3.7549	14.8564	9.0415
Se-70	2.9666	2.5067	3.4192	3.3520	2.5126	2.1849	4.6504	3.1849
Se-71	2.0390	1.6147	2.4120	2.3532	1.9673	1.6096	4.4774	2.5944
Se-72	1.6794	1.5074	1.8711	1.8123	1.2748	1.0692	2.0954	1.7941
Se-73	3.3043	2.7887	4.2313	4.2848	3.1541	2.8725	5.4370	2.7725
Se-73m	0.4388	0.3600	0.5116	0.5022	0.3713	0.3176	0.7381	0.5161
Se-75	4.1776	3.4734	5.0351	4.5016	3.8479	3.5251	6.6854	3.7592
Se-77m	1.3750	1.0820	1.5458	1.3250	1.2034	1.1456	1.9916	1.1271
Se-79m	0.6704	0.5850	0.7715	0.6639	0.4735	0.4400	0.8313	0.7689
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0367	0.0305	0.0467	0.0451	0.0371	0.0319	0.0807	0.0456
Se-81m	0.7408	0.6634	0.8543	0.7446	0.5459	0.5208	0.9486	0.8146
Se-83m	1.8640	1.5064	2.2430	2.3280	1.8639	1.3804	5.1584	3.2922

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	6.3343	5.1627	7.5546	8.1022	6.3192	4.9209	15.8181	9.3421
Se-84	1.9958	1.4810	2.1846	2.5451	1.9999	1.8234	3.7896	1.9967
Si-31	0.0013	0.0011	0.0015	0.0016	0.0013	0.0011	0.0025	0.0013
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	3.0835	2.6013	3.8037	3.7957	3.0750	2.5724	6.5196	3.7860
Sm-140	2.0648	1.8078	2.2054	2.4314	1.9709	1.6107	3.3958	2.0911
Sm-141	2.7974	2.2315	2.9975	3.4864	2.7524	2.3010	5.5943	3.2007
Sm-141m	5.6534	4.8671	6.4069	7.0000	5.4951	4.2660	12.2813	7.5443
Sm-142	1.0178	0.9273	0.9538	1.2012	0.9409	0.7551	1.1923	0.8847
Sm-143	0.6724	0.6060	0.6426	0.7938	0.6261	0.4990	0.8870	0.6356
Sm-143m	1.8171	1.4487	2.2682	2.6472	1.8017	1.2001	5.6881	3.6696
Sm-145	2.1155	1.9452	2.0149	2.5662	1.9583	1.5873	2.4893	1.7785
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0017	0.0013	0.0018	0.0017	0.0011	0.0010	0.0019	0.0021
Sm-153	1.5245	1.4755	1.6116	1.7832	1.4595	1.2653	2.2273	1.2301
Sm-155	1.7367	1.7237	1.9493	1.9773	1.7268	1.6254	2.9541	1.3140
Sm-156	1.6188	1.4436	1.8425	1.7801	1.5150	1.2935	2.5480	1.3415
Sm-157	2.6948	2.4894	3.1740	3.0975	2.5964	2.2013	4.5115	2.4605
Sn-106	4.7159	3.7862	4.9758	5.7220	4.5210	3.6184	9.3461	5.5602
Sn-108	4.6435	3.7206	4.8702	5.4503	4.4427	3.8053	8.1372	4.4629
Sn-109	4.1105	3.3254	4.3057	4.9103	3.9323	2.9198	9.4007	5.5639
Sn-110	2.8690	2.3818	3.1714	3.2100	2.7412	2.4106	4.3827	2.2719
Sn-111	0.9524	0.7517	0.7792	1.0852	0.8327	0.5790	1.5282	0.9629
Sn-113	1.0349	0.8087	0.7480	1.1442	0.8689	0.6019	1.2656	0.8476
Sn-113m	0.7155	0.5678	0.5226	0.8058	0.5978	0.3854	0.9009	0.5799
Sn-117m	2.7487	2.1135	2.6785	2.7937	2.4961	2.1494	4.0051	2.0043
Sn-119m	0.8408	0.6635	0.6261	0.9355	0.6891	0.4577	1.0392	0.7057
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2647	0.2149	0.2079	0.3028	0.2197	0.1510	0.3255	0.2270
Sn-123	0.0121	0.0097	0.0139	0.0148	0.0119	0.0087	0.0328	0.0228
Sn-123m	1.9025	1.4612	2.0543	1.8616	1.7843	1.6726	2.9179	1.3385
Sn-125m	1.8842	1.6246	2.9554	2.3041	1.9677	1.9133	3.3738	1.4791
Sn-125	0.6225	0.5005	0.7350	0.7947	0.6182	0.4449	1.7588	1.1587
Sn-126	1.4644	1.2411	1.4735	1.7115	1.3393	0.9915	2.3627	1.2233
Sn-127m	1.9155	1.4797	2.0120	2.6283	1.9044	1.2786	5.3946	3.6658
Sn-127	3.9671	3.2024	4.5576	5.0157	3.9187	2.9005	10.4466	6.6314
Sn-128	4.6758	3.7032	4.4322	5.8621	4.3456	2.9694	9.2113	5.8603
Sn-129	2.4555	1.9461	3.0446	3.3554	2.4402	1.6762	7.3041	4.7447

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	5.0033	4.2623	5.6817	6.3322	4.7928	3.6608	10.4927	6.1210
Sn-130m	3.0244	2.4635	3.3750	3.7707	2.9079	2.1411	6.9517	4.1666
Sr-79	1.9396	1.7172	2.2284	2.1612	1.8287	1.6526	2.9971	1.7658
Sr-80	1.9347	1.5653	2.1804	2.2420	1.7164	1.3608	3.9248	2.8877
Sr-81	2.9237	2.3255	3.3610	3.2727	2.7953	2.3914	5.6905	3.2498
Sr-82	0.6509	0.5462	0.6499	0.5383	0.4286	0.4142	0.4939	0.7155
Sr-83	2.3472	1.8953	2.6476	2.7062	2.0421	1.6845	4.5327	3.2986
Sr-85	2.5247	1.9918	2.6538	3.1664	2.2891	1.5985	6.0661	4.6486
Sr-85m	2.0879	1.8189	2.2404	2.1772	1.9885	1.8312	3.2073	1.6780
Sr-87m	1.7276	1.3115	1.9849	2.1136	1.6954	1.6193	2.8968	1.4768
Sr-89	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0006	0.0004
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.5574	1.2393	1.8815	2.0749	1.5482	1.0543	4.7403	3.2314
Sr-92	1.8828	1.5501	2.0375	2.2350	1.8395	1.4609	4.2795	2.1953
Sr-93	5.0912	4.0666	5.9447	6.5803	4.9930	3.6204	13.8832	8.7543
Sr-94	1.8696	1.5513	2.0128	2.2206	1.8328	1.4020	4.5892	2.2957
Ta-170	2.1087	1.9509	2.4370	2.6370	1.9533	1.6488	3.9868	2.3719
Ta-172	4.8577	4.3454	5.6169	5.9988	4.5725	3.7556	9.4726	5.5082
Ta-173	3.6136	3.2856	4.1471	4.5975	3.2376	2.6988	6.0136	3.4539
Ta-174	3.7609	3.5134	4.3733	4.5837	3.4550	2.9028	6.2957	3.4983
Ta-175	5.0434	4.5364	5.8572	6.3508	4.7185	3.9044	9.2433	5.0749
Ta-176	4.9361	4.3283	5.5428	6.1531	4.6273	3.6226	10.4742	5.8581
Ta-177	1.6560	1.5961	1.9082	2.2066	1.4665	1.2499	2.4017	1.3306
Ta-178	1.7216	1.6482	1.9677	2.2836	1.5150	1.2850	2.5225	1.4096
Ta-178m	9.8499	8.7610	12.3272	12.1304	9.5286	8.4356	16.9040	8.5934
Ta-179	0.8448	0.8006	0.9733	1.1098	0.7069	0.6042	1.1612	0.7258
Ta-180	1.3968	1.3471	1.5994	1.8630	1.2232	1.0429	1.9928	1.1166
Ta-182	4.3076	3.7330	4.9372	5.3918	4.0383	3.3689	8.0362	4.6397
Ta-182m	4.5163	3.9756	5.3231	5.2539	4.0090	3.5932	6.6488	3.6850
Ta-183	4.2070	3.7753	4.8965	5.0816	3.8120	3.4534	6.3570	3.4728
Ta-184	7.2569	5.9961	8.4633	9.0182	7.0331	5.9587	15.0943	8.9315
Ta-185	2.3595	2.0832	2.7321	2.7796	2.0861	1.8583	3.5256	2.0088
Ta-186	6.8060	5.8521	8.2651	8.6178	6.6189	5.2042	15.2183	9.2319
Tb-146	3.9144	3.2960	4.1378	4.5778	3.8535	2.8357	10.1906	5.5237
Tb-147m	2.6184	2.2770	2.7542	3.0556	2.5176	1.9633	5.4493	2.8163
Tb-147	4.8312	4.0306	5.5534	5.9323	4.6856	3.5882	10.9049	6.7605
Tb-148m	8.8195	7.0298	10.5391	11.9350	8.7262	6.4595	23.4759	14.8426
Tb-148	3.7588	3.0880	4.3679	5.0627	3.6955	2.5732	10.5520	6.5873
Tb-149m	3.7674	3.1287	4.4987	5.1651	3.6707	2.5734	10.1383	6.4845
Tb-149	4.4078	3.6945	5.1483	5.4093	4.2981	3.4853	9.3304	5.4339

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	8.9387	7.1721	10.6746	12.0729	8.8342	6.3755	23.7135	15.4475
Tb-150	4.3203	3.6104	4.9361	5.5763	4.2266	3.0034	11.2926	6.9631
Tb-151	5.8111	5.0136	6.5357	7.0471	5.6557	4.6649	11.2831	6.6876
Tb-151m	1.0289	0.9002	1.1691	1.1891	0.8436	0.6900	1.6106	1.1560
Tb-152m	5.1631	4.4438	6.0788	6.1614	5.0194	4.3371	9.2013	5.1840
Tb-152	3.9021	3.3451	4.7840	4.7759	3.8592	3.2255	7.9435	4.4069
Tb-153	3.4227	3.1392	3.7934	3.9604	3.2351	2.6665	5.5539	3.2876
Tb-154	4.4753	3.8664	4.9855	5.3759	4.3200	3.2884	9.8413	5.6401
Tb-155	3.3146	3.0452	3.6232	3.7567	3.1343	2.6254	5.0677	2.7457
Tb-156	6.7954	5.8669	7.6525	8.3105	6.5622	5.1008	14.1597	8.7342
Tb-156m	0.9997	1.0266	1.0877	1.1803	0.9483	0.7120	1.5501	0.7470
Tb-156n	0.2525	0.2186	0.2901	0.2747	0.1827	0.1551	0.3292	0.2872
Tb-157	0.2806	0.2487	0.3103	0.3106	0.2143	0.1799	0.3501	0.3024
Tb-158	3.2923	2.8457	3.6980	4.0005	3.1278	2.3037	7.2007	4.8395
Tb-160	3.2016	2.6954	3.9003	3.9510	3.1359	2.4318	7.5740	4.7590
Tb-161	1.2494	1.1144	1.2647	1.4524	1.0786	0.7926	1.7763	1.0950
Tb-162	4.2819	3.5427	4.9367	5.2587	4.1996	3.3469	9.9607	5.9914
Tb-163	3.7547	2.9866	4.5466	4.8322	3.7669	3.1627	8.1848	4.7728
Tb-164	7.0929	5.8524	8.4539	9.0238	6.9308	5.2658	17.4737	10.5853
Tb-165	1.5920	1.3189	1.7696	1.9393	1.5272	1.1710	3.6941	2.1571
Tc-101	1.9750	1.7225	3.0241	2.3727	2.0476	1.9386	3.6871	1.7503
Tc-102m	4.7755	3.7880	5.3181	6.1902	4.7417	3.3771	13.2216	8.1800
Tc-102	0.2262	0.1754	0.2496	0.3044	0.2250	0.1599	0.6193	0.4075
Tc-104	4.4912	3.6576	5.4849	5.6079	4.5186	3.6834	10.7957	5.8731
Tc-105	3.4504	2.8276	4.0807	4.0361	3.3674	2.8507	7.0612	3.9601
Tc-91	1.6489	1.3717	1.7672	1.9545	1.6175	1.1918	4.4705	2.3189
Tc-91m	1.3030	1.0143	1.3744	1.7660	1.2823	0.8511	3.6932	2.5315
Tc-92	7.4138	6.0671	9.0780	8.9335	7.2977	5.9649	17.0647	9.0473
Tc-93	2.7151	2.1593	2.6233	3.0030	2.4208	2.0320	4.9519	2.8988
Tc-93m	2.0153	1.5489	2.1253	2.3841	1.9170	1.7287	3.7155	2.0153
Tc-94	6.8616	5.3674	8.0484	9.3082	6.5771	4.5718	19.7565	13.4870
Tc-94m	2.4729	1.9603	2.8235	3.2325	2.3767	1.6717	7.0612	4.7076
Tc-95	2.9084	2.2304	3.1643	3.7775	2.6151	1.9688	6.9539	4.9209
Tc-95m	3.6969	3.0963	4.0353	4.4025	3.3550	2.7085	7.2095	4.9316
Tc-96	6.7458	5.2813	7.9289	9.2681	6.4370	4.5456	19.1350	12.8240
Tc-96m	0.5869	0.4265	0.4808	0.6141	0.4562	0.4261	0.6608	0.6409
Tc-97	0.9519	0.6857	0.7266	0.9319	0.6809	0.6794	0.7386	0.8998
Tc-97m	0.7103	0.5081	0.5313	0.7027	0.5291	0.5221	0.5831	0.6799
Tc-98	3.8457	3.0253	4.8936	5.5631	3.8288	2.5101	12.3255	8.0919
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.8524	1.4700	2.2311	1.9109	1.7570	1.5592	3.0113	1.4987
Te-113	2.0884	1.6904	2.3524	2.6388	2.0500	1.4843	5.6066	3.3566
Te-114	3.7924	3.1047	3.7894	4.5731	3.5552	2.5896	7.7193	4.5023
Te-115	3.2873	2.6788	3.6523	4.1018	3.1912	2.4003	7.8135	4.6423
Te-115m	3.7269	3.0129	4.1423	4.7581	3.6281	2.5787	9.8131	5.9022
Te-116	2.3360	1.9736	2.0011	2.7026	2.0938	1.5166	3.4934	1.9909
Te-117	2.8928	2.3286	3.0962	3.7336	2.7680	1.8633	7.5273	4.6397
Te-118	0.9970	0.8009	0.7199	1.1474	0.8473	0.5545	1.2406	0.7956
Te-119	2.9438	2.3349	3.1775	3.8792	2.7844	1.8322	7.3209	4.8009
Te-119m	5.0386	4.0225	5.3164	5.6998	4.7697	3.8973	9.4162	5.3916
Te-121	2.9585	2.3245	2.9649	3.9002	2.7947	1.8085	7.1406	4.8695
Te-121m	2.4401	2.2183	2.5273	2.7164	2.2666	1.8618	3.5768	1.9872
Te-123	0.0470	0.0380	0.0559	0.0489	0.0279	0.0252	0.0564	0.0620
Te-123m	2.4114	1.8629	2.4189	2.4560	2.2121	1.9625	3.5318	1.7596
Te-125m	1.6928	1.3790	1.2493	1.9854	1.4580	0.9915	2.0765	1.3647
Te-127	0.0258	0.0200	0.0285	0.0326	0.0256	0.0226	0.0484	0.0262
Te-127m	0.5455	0.4439	0.4138	0.6380	0.4625	0.3166	0.6726	0.4509
Te-129	0.4970	0.3942	0.4652	0.6092	0.4464	0.3271	0.8924	0.5992
Te-129m	0.4737	0.3827	0.3955	0.5747	0.4145	0.2802	0.7400	0.4903
Te-131	2.4658	1.9183	2.7618	2.7807	2.3733	1.9901	4.8512	2.7559
Te-131m	4.1891	3.4353	4.9459	5.4755	4.1119	3.0646	10.6775	6.5305
Te-132	3.0259	2.6768	2.9391	3.3850	2.8438	2.3652	4.4129	2.3853
Te-133	3.1812	2.6309	4.2206	3.9855	3.2277	2.7523	7.1871	3.8977
Te-133m	4.7591	3.8527	5.5995	6.1159	4.7013	3.4449	12.6985	8.0649
Te-134	4.2906	3.5306	4.9235	5.3864	4.1787	3.1690	9.5916	5.7338
Th-223	1.7189	1.4767	1.9082	1.8030	1.4951	1.2933	2.6355	1.5718
Th-224	0.2929	0.2488	0.3299	0.3031	0.2656	0.2426	0.4349	0.2396
Th-226	0.2292	0.1958	0.2447	0.2334	0.1846	0.1715	0.2937	0.2192
Th-227	2.0587	1.7463	2.2647	2.1392	1.7228	1.5832	2.7405	1.9201
Th-228	0.1876	0.1498	0.1892	0.1810	0.1311	0.1204	0.1939	0.1987
Th-229	2.7205	2.3078	2.9305	2.7892	2.1984	1.9314	3.6692	2.6340
Th-230	1.6300	1.6290	1.6521	1.6577	1.6175	1.6173	1.5963	1.6053
Th-231	1.5741	1.2507	1.5036	1.5565	1.1321	0.9978	1.6566	1.6150
Th-232	1.4190	1.4544	1.4878	1.4428	1.4016	1.4289	1.5511	1.4249
Th-233	0.4855	0.3966	0.5186	0.5327	0.3917	0.3311	0.7484	0.5663
Th-234	0.3472	0.3036	0.3661	0.3959	0.2832	0.2589	0.4410	0.3115
Th-235	0.2051	0.1641	0.2412	0.2702	0.2005	0.1552	0.5148	0.3220
Th-236	0.3730	0.3234	0.4244	0.4148	0.3322	0.2964	0.6178	0.3918
Ti-44	2.9682	2.4073	3.4965	3.8122	2.7896	1.8614	5.3549	2.5352
Ti-45	0.0217	0.0175	0.0260	0.0242	0.0151	0.0127	0.0358	0.0310

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.8870	1.6603	3.0964	2.3146	1.9841	1.9059	3.5838	1.6533
Ti-52	2.2400	1.8721	2.8250	2.4376	2.0814	1.7509	3.6539	2.0347
Tl-190	2.9082	2.2567	3.3084	3.7462	2.8136	2.2811	6.1629	3.6386
Tl-190m	7.4599	5.8991	8.9886	9.9266	7.3030	5.5313	18.5183	11.4956
Tl-194	3.0880	2.4268	3.5486	3.9896	2.9343	2.2925	6.5173	3.9509
Tl-194m	9.6494	7.7252	11.5083	12.7765	9.3196	6.9859	23.6490	14.7198
Tl-195	4.0941	3.3748	4.7303	5.0108	3.7151	2.7964	8.5274	5.2152
Tl-196	4.9166	3.9357	5.5536	6.1769	4.7065	3.6416	10.9152	6.1615
Tl-197	3.1091	2.5374	3.6402	3.8572	2.8258	2.1675	5.8072	3.3865
Tl-198	5.3800	4.3107	6.0804	6.7076	5.1343	4.0423	11.5488	6.4059
Tl-198m	6.3753	5.0946	7.5669	8.1409	6.0453	4.6693	14.1166	8.8259
Tl-199	2.9873	2.4926	3.4553	3.6179	2.6914	2.1163	5.1070	2.9617
Tl-200	5.0042	4.0537	6.0869	6.2958	4.7846	3.9266	9.9368	5.5665
Tl-201	2.2942	1.9032	2.6800	2.7470	1.9698	1.5159	3.5941	2.1252
Tl-202	3.3935	2.6800	3.8095	4.3421	3.1717	2.4923	6.5869	3.9315
Tl-204	0.0359	0.0299	0.0421	0.0438	0.0302	0.0227	0.0560	0.0345
Tl-206m	9.7851	8.0059	11.2556	12.1082	9.5901	7.5785	22.4470	13.9963
Tl-206	0.0017	0.0014	0.0020	0.0020	0.0015	0.0011	0.0031	0.0018
Tl-207	0.0051	0.0041	0.0062	0.0069	0.0051	0.0034	0.0161	0.0111
Tl-208	4.2862	3.4835	4.8303	5.5008	4.2495	2.9508	12.3703	7.2594
Tl-209	5.6397	4.7087	6.2558	6.7390	5.5437	4.2682	13.1689	7.0340
Tl-210	6.0826	5.0247	7.6063	7.7096	5.9858	4.7350	15.0309	8.6624
Tm-161	6.1353	5.6819	6.8460	7.2059	5.7472	4.5893	10.8293	5.7243
Tm-162	3.4625	3.0991	3.8916	4.2324	3.3149	2.5729	7.6741	4.2840
Tm-163	5.3468	4.8648	5.9951	6.4782	5.0748	4.0677	10.1142	5.5115
Tm-164	1.4246	1.3286	1.5892	1.7085	1.3208	1.0261	2.6356	1.4543
Tm-165	4.2642	3.8569	4.8680	5.1339	4.0610	3.3609	7.6162	4.2588
Tm-166	5.2512	4.5639	6.0507	6.5239	4.9903	3.7458	11.7576	6.7689
Tm-167	2.5412	2.4755	2.8876	2.9667	2.3082	1.8917	3.7917	2.1302
Tm-168	6.0517	5.3361	7.1805	7.6766	5.7674	4.3688	13.3874	8.1134
Tm-170	0.1210	0.1077	0.1401	0.1416	0.1030	0.0795	0.1910	0.1146
Tm-171	0.0189	0.0183	0.0215	0.0243	0.0165	0.0135	0.0273	0.0155
Tm-172	1.0456	0.8826	1.1621	1.2195	0.9696	0.7308	2.2660	1.2755
Tm-173	2.0330	1.5490	2.2391	2.5772	2.0157	1.8618	3.6240	1.8420
Tm-174	7.9661	6.6266	9.6014	9.3558	7.8043	6.7172	16.0064	9.3272
Tm-175	3.4114	2.7448	3.9140	4.5604	3.3609	2.3840	9.2174	6.1421
Tm-176	5.5278	4.7075	6.4977	6.5928	5.3463	4.3911	11.4743	6.5819
U-227	1.8360	1.5951	1.9694	1.9235	1.6328	1.5076	2.7077	1.6059
U-228	0.2239	0.1820	0.2198	0.2202	0.1652	0.1563	0.2411	0.2229
U-230	0.2231	0.1746	0.2130	0.2145	0.1514	0.1448	0.2037	0.2338

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	3.1905	2.7220	3.2315	3.2564	2.5366	2.3096	3.9930	3.0394
U-232	0.2037	0.1597	0.1931	0.1937	0.1351	0.1310	0.1766	0.2167
U-233	0.1050	0.0831	0.1017	0.0996	0.0698	0.0673	0.0937	0.1133
U-234	1.4483	1.4345	1.4772	1.4714	1.4349	1.4025	1.4283	1.4425
U-235	1.9053	1.9164	1.9800	1.9031	1.8773	1.8841	1.9661	1.9414
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1667	0.1306	0.1577	0.1573	0.1098	0.1067	0.1431	0.1785
U-237	3.1565	2.8794	3.3945	3.5644	2.7378	2.5442	4.2866	2.6670
U-238	1.3848	1.4061	1.3847	1.4220	1.3683	1.3799	1.3998	1.3404
U-239	1.0734	0.8508	1.1943	1.2663	0.9585	0.6678	1.7827	1.0087
U-240	0.5766	0.4622	0.5532	0.5666	0.4105	0.3920	0.5706	0.5956
U-242	0.4018	0.3526	0.4642	0.5293	0.3760	0.3073	0.7162	0.4072
V-47	0.0161	0.0133	0.0175	0.0171	0.0140	0.0116	0.0323	0.0181
V-48	3.9813	3.2139	4.5352	4.8788	3.8906	2.8819	10.3644	6.7923
V-49	0.1290	0.1042	0.1558	0.1338	0.0752	0.0691	0.1547	0.1728
V-50	1.8669	1.5696	1.9743	2.1829	1.8054	1.2994	5.1112	2.5708
V-52	1.7985	1.5014	1.8991	2.0858	1.7610	1.3634	4.3012	2.0542
V-53	1.9432	1.5565	2.2379	2.3733	1.9288	1.3347	5.7158	4.1485
W-177	6.7084	5.9621	7.9219	8.5272	6.2212	5.2382	12.0702	7.0064
W-178	0.6282	0.5737	0.7330	0.8005	0.4934	0.4288	0.8386	0.5984
W-179	1.8740	1.7297	2.0675	2.4676	1.5729	1.3216	2.5238	1.6026
W-179m	1.2677	1.1859	1.4637	1.6884	1.1002	0.9563	1.7843	1.0384
W-181	1.2367	1.1740	1.4264	1.6812	1.0584	0.9068	1.7143	1.0118
W-185m	1.0778	0.9139	1.2886	1.2192	0.7805	0.6966	1.4260	1.1849
W-185	0.0012	0.0011	0.0014	0.0015	0.0010	0.0009	0.0018	0.0010
W-187	2.1345	1.7528	2.5369	2.9433	2.0482	1.4879	5.2093	3.3027
W-188	0.0188	0.0168	0.0235	0.0227	0.0178	0.0165	0.0292	0.0151
W-190	3.1224	2.7347	3.5760	3.9467	2.7696	2.4923	4.4999	2.3946
Xe-120	3.5073	2.8649	3.3488	4.2628	3.2235	2.3337	6.1082	3.7437
Xe-121	2.7139	2.2453	2.8272	3.1989	2.6016	2.0299	5.4168	3.0043
Xe-122	1.3705	1.1238	1.1789	1.6303	1.2333	0.9262	1.8242	1.1031
Xe-123	2.8426	2.3072	2.9318	3.1634	2.6530	2.1705	4.6480	2.5477
Xe-125	3.4041	2.9412	3.2708	3.8689	3.1521	2.5525	4.9731	2.8063
Xe-127	3.5396	3.1302	3.6946	3.9993	3.3002	2.7411	5.1057	2.7626
Xe-127m	2.8247	2.3760	3.1872	3.1219	2.6632	2.1928	4.4067	2.3220
Xe-129m	1.9334	1.6230	1.5059	2.3182	1.7128	1.2368	2.3409	1.5660
Xe-131m	0.8137	0.6715	0.6303	0.9695	0.7131	0.5160	0.9907	0.6631
Xe-133	1.2834	1.0211	1.2257	1.4986	1.1847	0.7765	2.0386	1.1262
Xe-133m	0.9801	0.8226	0.7981	1.1521	0.8786	0.6643	1.2529	0.7939
Xe-135	1.9406	1.6032	1.8904	2.0634	1.9097	1.7772	3.2060	1.6277

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.7375	1.3523	1.8330	2.4076	1.7078	1.0993	4.8848	3.4180
Xe-137	0.6764	0.5158	0.7269	0.8993	0.6747	0.5193	1.6619	1.0460
Xe-138	2.4031	1.9499	2.5634	2.7542	2.3484	1.9745	5.1725	2.6577
Y-81	2.4213	1.9779	2.8417	2.6111	2.2025	1.8246	3.9009	2.2454
Y-83	1.6532	1.3351	1.6834	1.9162	1.4450	1.1521	3.0463	2.2414
Y-83m	1.8740	1.5012	1.9365	2.0917	1.7710	1.6189	3.1605	1.8693
Y-84m	6.2170	4.9560	7.3857	8.2729	6.1499	4.2138	18.7212	12.5409
Y-85	1.6421	1.2771	1.7214	2.1523	1.5442	1.0527	4.2922	3.1511
Y-85m	1.7082	1.4126	1.8388	1.9718	1.5753	1.2501	3.6925	2.3058
Y-86	6.5137	5.2253	7.5051	8.1740	6.2785	4.6093	17.1263	11.1117
Y-86m	1.9971	1.9221	2.3528	2.1791	1.9008	1.6649	3.0527	1.6150
Y-87	2.5423	1.9706	2.5771	3.1216	2.2663	1.7035	5.4597	4.1519
Y-87m	1.6891	1.3006	2.0024	2.0507	1.6502	1.5838	2.7886	1.4293
Y-88	4.2505	3.4785	4.6066	4.9708	3.9625	2.8924	11.0597	6.8065
Y-89m	1.9008	1.5124	2.2805	2.5465	1.8898	1.2589	6.0120	4.1790
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.8313	3.3710	4.3426	4.6820	3.7104	2.9288	7.8605	4.8853
Y-91	0.0049	0.0039	0.0055	0.0060	0.0047	0.0038	0.0106	0.0063
Y-91m	1.8788	1.4564	2.1377	2.6251	1.8559	1.2005	5.6211	3.9169
Y-92	0.5027	0.4005	0.5786	0.6532	0.4988	0.3479	1.4633	0.9704
Y-93	0.2515	0.2089	0.2858	0.2877	0.2509	0.2144	0.5469	0.2960
Y-94	1.4809	1.1829	1.7443	1.9407	1.4723	1.0094	4.4821	3.0235
Y-95	1.0630	0.8819	1.1700	1.2868	1.0554	0.7686	3.0001	1.6662
Yb-162	3.3282	2.9942	3.8727	3.8305	3.0952	2.6011	5.5770	2.9723
Yb-163	2.3926	2.1780	2.7711	2.9707	2.1919	1.7142	4.6121	2.7265
Yb-164	1.3129	1.2939	1.4695	1.6132	1.1815	0.9337	1.9840	1.0866
Yb-165	3.5279	3.2200	4.0407	4.2044	3.1155	2.3698	5.7776	3.3607
Yb-166	2.4549	2.3844	2.7602	2.9819	2.2122	1.7077	3.7653	2.0108
Yb-167	5.4726	5.2517	6.3287	6.4328	5.0140	4.2425	8.5671	4.4859
Yb-169	6.1770	5.9758	7.2110	7.5653	5.6922	4.7988	9.3287	4.8087
Yb-175	0.2945	0.2483	0.3460	0.3597	0.2877	0.2653	0.4913	0.2395
Yb-177	1.0133	0.8490	1.1778	1.1599	0.9573	0.8150	1.8455	1.0204
Yb-178	0.2188	0.1749	0.2743	0.2716	0.2174	0.2062	0.3740	0.1834
Yb-179	3.6579	2.9155	4.4747	4.9772	3.6209	2.6061	9.9303	6.4724
Zn-60	2.1444	1.7913	2.7197	2.9940	2.1139	1.6166	5.4231	3.3463
Zn-61	0.8320	0.6697	0.8956	1.0439	0.8235	0.5970	2.2551	1.3079
Zn-62	2.0591	1.6720	2.3193	2.6018	1.8454	1.3656	4.5559	3.3428
Zn-63	0.3524	0.2804	0.4274	0.4630	0.3373	0.2315	1.0242	0.7065
Zn-65	1.3950	1.1229	1.6244	1.6270	1.1961	0.9353	2.9948	2.2565
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.8732	1.4076	2.0259	2.4584	1.8623	1.5380	4.1587	2.5200
Zn-71	1.0231	0.7997	1.1420	1.3860	1.0178	0.6977	2.8917	1.9619
Zn-71m	5.8072	4.4866	6.7604	7.7633	5.8040	4.4197	14.8473	9.4212
Zn-72	2.6926	2.1775	3.1807	2.7684	2.3301	2.1017	4.0655	2.4313
Zr-85	1.7844	1.3684	1.9382	2.2896	1.7543	1.4269	4.0293	2.4427
Zr-86	3.9550	3.2155	3.6898	4.0358	3.3443	3.0923	4.9986	3.5777
Zr-87	0.2943	0.2316	0.2900	0.3144	0.2373	0.2060	0.4457	0.3526
Zr-88	2.7939	2.1074	2.9263	3.2077	2.5035	2.4063	3.9844	2.4760
Zr-89	2.6053	2.0551	2.8875	3.1995	2.3636	1.7244	6.5630	4.8668
Zr-89m	1.9118	1.4942	2.2500	2.6266	1.8752	1.2416	5.6591	3.8495
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.8733	1.4776	2.3732	2.7513	1.8647	1.2250	6.0723	3.9232
Zr-97	2.2338	1.7662	2.7705	3.1943	2.2168	1.4997	6.9172	4.4564

Table 9: Adobe 5 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2356	0.2003	0.4192	0.4831
Ac-224	3.1704	2.5216	3.0156	4.2857
Ac-225	0.3130	0.2819	0.5618	0.6288
Ac-226	1.4777	1.2562	1.4365	1.7670
Ac-227	0.0392	0.0469	0.1610	0.1348
Ac-228	2.4291	1.5762	3.3705	4.3480
Ac-230	1.0333	0.6557	1.4758	2.1077
Ac-231	3.5367	2.5907	2.8516	4.7115
Ac-232	1.6830	1.0739	2.2527	3.4357
Ac-233	1.7703	1.0084	1.9145	3.4102
Ag-100m	3.2946	1.9185	3.7499	6.6658
Ag-101	2.7317	1.9368	3.1019	4.0112
Ag-102m	2.0256	1.2277	2.3331	3.9202
Ag-102	4.9834	2.9160	5.9112	9.7625
Ag-103	2.8124	2.2726	3.3703	3.6826
Ag-104	6.1095	3.6386	8.2555	11.1519
Ag-104m	2.4652	1.4992	2.7967	4.6374
Ag-105	3.0739	2.2390	3.1685	4.4812
Ag-105m	0.0161	0.0177	0.0684	0.0575
Ag-106	0.5664	0.4141	0.8005	0.9139
Ag-106m	7.4823	4.4237	9.4043	13.9877
Ag-108	0.0613	0.0409	0.0681	0.1172
Ag-108m	5.6165	3.3376	6.1541	10.9687
Ag-109m	0.3556	0.3291	0.6213	0.4586
Ag-110	0.0851	0.0498	0.0832	0.1725
Ag-110m	5.8716	3.3121	7.6236	11.3711
Ag-111	0.1567	0.1036	0.1088	0.2230
Ag-111m	0.1911	0.1830	0.3672	0.2567
Ag-112	1.3193	0.7705	1.3044	2.7354
Ag-113m	1.1049	0.7425	0.9346	1.6700
Ag-113	0.3458	0.2430	0.2766	0.4353
Ag-114	0.5589	0.3189	0.5885	1.0952
Ag-115	1.2082	0.8340	1.1379	1.7764
Ag-116	3.2494	1.8656	3.8048	6.1747
Ag-117	2.3393	1.6409	2.3235	3.6809
Ag-99	3.4495	2.3489	4.1071	5.2250
Al-26	1.6905	1.0273	1.7417	3.6478
Al-28	1.6455	1.0077	1.6016	3.6616
Al-29	1.8323	1.0434	3.0455	3.6252

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	3.5198	2.5215	3.7215	5.7227
Am-238	3.4727	2.2432	4.4915	6.4579
Am-239	3.7858	2.7922	4.3006	6.4553
Am-240	3.6501	2.3896	5.5225	6.6725
Am-241	1.5956	1.5912	1.6662	1.4935
Am-242	0.4506	0.3787	0.7477	0.8726
Am-242m	0.2137	0.2295	0.5736	0.4791
Am-243	1.2173	1.0596	1.1510	1.3604
Am-244	3.0766	2.2414	4.9588	5.4647
Am-244m	0.1474	0.1385	0.3247	0.2908
Am-245	0.4275	0.3488	0.4999	0.6100
Am-246	4.1687	3.2920	5.5957	6.7924
Am-246m	2.1835	1.3424	3.6044	3.9486
Am-247	1.6047	1.2563	1.6582	2.2691
Ar-37	0.0117	0.0160	0.0779	0.0618
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.8039	1.0300	2.9741	3.6680
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	2.1659	1.2333	3.0079	4.1582
Ar-44	3.1878	2.1985	2.7095	5.3625
As-68	4.2407	2.4188	5.7395	8.2017
As-69	0.6115	0.4669	0.6933	0.8959
As-70	5.5468	3.1940	7.7372	10.6113
As-71	2.0813	1.7848	2.4518	2.9122
As-72	1.8209	1.0205	2.9242	3.3356
As-73	0.5593	0.6744	2.8700	2.3045
As-74	1.4402	0.8870	1.6713	3.1765
As-76	1.1220	0.6358	1.1702	2.1994
As-77	0.0568	0.0448	0.0521	0.0629
As-78	2.4936	1.4344	2.8764	4.9952
As-79	0.1151	0.0621	0.1221	0.2229
At-204	7.5226	4.5084	8.0584	14.1226
At-205	3.5184	2.4330	4.0852	5.9545
At-206	7.7399	4.6876	8.5879	14.2268
At-207	5.6268	3.7239	6.7244	9.6967
At-208	8.8697	5.8361	10.0841	15.2641
At-209	8.0307	5.2403	9.9982	13.2392
At-210	6.7901	4.8138	8.7063	11.4425
At-211	0.7015	0.6004	0.8329	1.0039
At-215	0.0009	0.0005	0.0008	0.0020

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0392	0.0330	0.0412	0.0516
At-217	0.0019	0.0015	0.0019	0.0022
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.8022	2.0966	2.4786	3.5373
Au-186	4.1540	2.9958	3.9357	5.8641
Au-187	3.0834	2.3082	3.8724	5.2272
Au-190	4.9202	3.5424	4.8427	7.2750
Au-191	3.9413	3.0116	4.2047	6.1120
Au-192	4.5201	3.2237	4.4161	6.8971
Au-193	2.3240	2.0210	2.5532	3.0928
Au-193m	1.8135	1.6100	2.3244	2.1944
Au-194	3.5907	2.6107	3.5026	5.4979
Au-195	1.7789	1.5775	2.4501	2.8569
Au-195m	1.8267	1.6094	2.3081	2.2349
Au-196	3.3783	2.3697	2.9127	5.3676
Au-196m	3.4907	3.2165	4.3568	4.7532
Au-198	1.8634	0.9356	1.6451	4.2109
Au-198m	6.2630	4.8150	5.1132	8.1108
Au-199	1.2376	1.1459	1.1865	1.3834
Au-200	0.6780	0.3873	0.7764	1.3100
Au-200m	8.7587	5.8386	8.6057	13.6893
Au-201	0.1709	0.1241	0.2383	0.3361
Au-202	0.4344	0.2352	0.5416	0.8674
Ba-124	2.1215	1.7029	2.2231	2.6948
Ba-126	2.7511	2.1054	3.0040	3.6056
Ba-127	1.1402	0.9647	1.1214	1.3903
Ba-128	1.0945	1.0000	1.1596	1.1518
Ba-129	1.2255	1.0780	1.2399	1.3784
Ba-129m	5.4808	3.7662	5.8265	8.7743
Ba-131	3.4222	2.6391	3.3601	4.5955
Ba-131m	1.5507	1.1685	1.4232	2.2990
Ba-133	3.7170	2.8550	3.1777	4.9236
Ba-133m	0.9683	0.8778	1.1270	1.1544
Ba-135m	0.8886	0.8014	0.8937	0.9305
Ba-137m	1.7011	1.0088	1.6548	3.3909
Ba-139	0.5081	0.4621	0.3802	0.4891
Ba-140	0.9609	0.6953	1.1701	1.6757
Ba-141	3.5485	2.4357	2.9734	4.9675
Ba-142	3.0899	2.0649	3.8375	4.6241

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1940	0.1037	0.1962	0.3774
Bi-197	4.0521	2.7128	5.5466	7.0167
Bi-200	8.6860	5.4754	10.0393	15.1835
Bi-201	4.1166	2.7913	5.4784	7.1521
Bi-202	7.9655	4.9359	9.5433	14.4520
Bi-203	5.1443	3.4341	6.6377	8.9807
Bi-204	7.9428	4.9711	10.2886	13.8506
Bi-205	3.8147	2.6084	4.6863	6.8500
Bi-206	9.2081	5.8217	11.5607	15.8313
Bi-207	4.5459	2.9595	5.6496	8.0738
Bi-208	2.3684	1.6727	3.0118	4.1103
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.8241	1.4395	1.5589	1.9941
Bi-211	0.2857	0.1830	0.2113	0.4628
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2634	0.1781	0.4601	0.5737
Bi-213	0.5864	0.3265	0.5671	1.1829
Bi-214	2.3835	1.3911	2.7767	4.8209
Bi-215	1.3044	0.9586	1.2312	1.7004
Bi-216	2.7412	1.5123	2.6102	5.5100
Bk-245	3.3749	2.6633	3.8069	5.1074
Bk-246	3.4631	2.4144	5.3124	6.0279
Bk-247	1.8457	1.4277	1.6889	2.3949
Bk-248m	0.6745	0.5348	0.9002	1.1609
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.8786	1.1263	3.2173	3.3442
Bk-251	1.5980	1.3995	2.0260	2.3287
Br-72	3.4760	1.9572	5.0637	6.5821
Br-73	1.8912	1.3134	2.0346	2.9904
Br-74	3.7786	2.3500	4.1575	6.9578
Br-74m	4.7879	2.8359	5.4176	9.4895
Br-75	2.5146	1.8661	2.3358	3.2719
Br-76	3.3991	2.0360	4.1958	6.8672
Br-76m	1.0180	0.8585	1.8137	1.6692
Br-77	1.6527	1.2736	2.4546	2.9146
Br-77m	0.4159	0.3640	0.9096	1.0389
Br-78	0.2672	0.1667	0.2994	0.5882
Br-80	0.1642	0.1046	0.2011	0.3675
Br-80m	0.7487	0.7179	1.6696	1.5408

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1802	0.2280	0.7728	0.6432
Br-82	6.0163	3.3920	7.6743	11.4708
Br-83	0.0238	0.0133	0.0243	0.0451
Br-84m	5.4918	3.0049	6.7033	11.5126
Br-84	1.9494	1.1189	2.7780	3.5119
Br-85	0.1329	0.0741	0.2026	0.2346
C-10	1.8264	1.0213	2.2972	3.4695
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0209	0.0285	0.1390	0.1103
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.5974	0.9057	2.5415	3.2011
Ca-49	1.5792	0.9940	2.0495	2.8947
Cd-101	3.5230	2.1782	3.9990	6.5997
Cd-102	2.9393	1.9222	3.5876	5.0132
Cd-103	2.7536	1.8622	3.6948	5.0066
Cd-104	2.1225	1.6935	2.6870	2.8987
Cd-105	1.8989	1.2964	2.5586	3.3555
Cd-107	1.0153	0.9520	1.8337	1.2784
Cd-109	0.9344	0.8899	1.7165	1.1568
Cd-111m	2.7293	2.4294	2.8292	2.4991
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0008	0.0013	0.0010
Cd-115	0.7439	0.4410	0.7745	1.3145
Cd-115m	0.0618	0.0343	0.0977	0.1135
Cd-117	2.4926	1.5976	2.7765	4.2819
Cd-117m	2.8693	1.6397	3.8857	5.3894
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.9431	1.9187	3.0429	4.9470
Cd-119m	3.3852	1.9394	4.5416	6.4904
Ce-130	3.2835	2.6647	3.2121	3.8804
Ce-131	3.9192	2.6950	4.1700	6.5008
Ce-132	3.1149	2.5975	2.2757	3.2121
Ce-133	2.5832	1.9122	2.1970	3.5747
Ce-133m	5.4813	3.6801	5.8108	8.9418
Ce-134	0.8478	0.7455	0.8439	0.9225
Ce-135	4.0751	2.9273	3.9371	5.6324
Ce-137	0.9247	0.8135	1.1068	1.1867
Ce-137m	0.8750	0.7217	0.8629	0.9270
Ce-139	2.4007	2.1696	1.9883	2.3940

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	1.0882	1.0081	0.9427	1.0250
Ce-143	2.0874	1.5173	1.7402	2.4651
Ce-144	0.3247	0.2899	0.2947	0.3101
Ce-145	3.3683	2.1949	3.6203	5.1472
Cf-244	0.0799	0.0849	0.2021	0.1668
Cf-246	0.0552	0.0585	0.1388	0.1148
Cf-247	2.0204	1.7474	2.9879	3.3764
Cf-248	0.0666	0.0702	0.1664	0.1382
Cf-249	1.9202	1.1641	1.8156	3.8043
Cf-250	0.0695	0.0652	0.1475	0.1380
Cf-251	1.8980	1.5601	2.1548	2.7855
Cf-252	0.9273	0.5992	1.0832	1.6363
Cf-253	0.1895	0.1961	0.4667	0.3797
Cf-254	32.2511	20.0714	35.1415	56.3856
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.9070	1.4073	2.1990	2.7893
Cl-36	0.0002	0.0002	0.0011	0.0009
Cl-38	1.2192	0.7421	1.2621	2.5550
Cl-39	2.6530	1.8060	3.3977	4.5594
Cl-40	3.2902	2.0040	3.9093	6.7884
Cm-238	1.5533	1.1434	1.7300	2.6741
Cm-239	3.5771	2.8118	3.1306	4.8249
Cm-240	0.0854	0.0920	0.2214	0.1882
Cm-241	3.8392	2.6882	4.6844	7.1021
Cm-242	0.0766	0.0826	0.1988	0.1690
Cm-243	1.8527	1.4240	2.2146	3.0367
Cm-244	0.0657	0.0709	0.1707	0.1451
Cm-245	1.9669	1.4554	2.2226	3.4297
Cm-246	0.0594	0.0608	0.1436	0.1277
Cm-247	1.5694	0.8122	1.3396	3.4588
Cm-248	2.5633	1.6178	2.8678	4.5030
Cm-249	0.1063	0.0921	0.2976	0.3213
Cm-250	25.4425	15.8362	27.7175	44.5143
Cm-251	0.5282	0.3448	0.5832	0.9569
Co-54m	5.4099	2.9558	6.9954	11.5272
Co-55	2.4101	1.3465	3.6367	4.5847
Co-56	4.6023	2.6501	7.4917	8.7306
Co-57	1.9268	1.8234	2.7038	2.6740
Co-58	1.9383	1.1040	3.4935	3.6020

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0842	0.1145	0.5573	0.4419
Co-60	3.6486	2.0743	5.9324	7.2977
Co-60m	0.1236	0.1498	0.6378	0.5200
Co-61	1.2581	1.0659	1.0190	1.4036
Co-62	2.0999	1.1870	3.4143	3.9441
Co-62m	3.7338	2.1059	6.0600	7.0780
Cr-48	3.7242	2.6759	2.8331	4.9530
Cr-49	1.6810	1.3008	1.2378	2.1696
Cr-51	0.2354	0.1913	0.4179	0.4776
Cr-55	0.0007	0.0005	0.0007	0.0017
Cr-56	1.9337	1.5874	1.9636	2.3029
Cs-121	1.3564	1.0390	1.2732	1.8222
Cs-121m	2.5265	1.8716	2.0906	3.2439
Cs-123	1.9054	1.3039	1.8857	3.0338
Cs-124	0.7435	0.4603	0.6751	1.2664
Cs-125	1.5972	1.1229	1.7156	2.5594
Cs-126	1.2578	0.7228	1.2342	2.5000
Cs-127	2.5702	1.7848	2.5771	4.3761
Cs-128	0.8634	0.5596	0.9191	1.5450
Cs-129	2.3062	1.7111	2.3084	3.5579
Cs-130m	1.6962	1.5304	1.7463	1.8282
Cs-130	0.5363	0.4748	0.6428	0.6604
Cs-131	0.7673	0.7387	0.9498	0.8138
Cs-132	2.6255	1.8035	2.8171	4.5668
Cs-134	4.0839	2.2868	4.9620	7.7566
Cs-134m	0.5966	0.5911	0.8686	0.7700
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.6655	1.9953	5.8721	6.3368
Cs-136	5.4135	3.2914	7.3365	8.7421
Cs-137	1.5777	1.6078	1.6693	1.7815
Cs-138m	1.5222	1.1169	1.5067	2.3738
Cs-138	3.5089	2.0326	4.3149	7.1022
Cs-139	0.3579	0.2090	0.4826	0.7157
Cs-140	2.3742	1.3844	2.6907	4.6853
Cu-57	0.1877	0.1047	0.3098	0.3463
Cu-59	0.9143	0.5180	1.2120	1.7278
Cu-60	3.5078	2.0492	4.8927	7.1491
Cu-61	0.7172	0.5094	0.9524	1.2844
Cu-62	0.0133	0.0095	0.0345	0.0332
Cu-64	0.0587	0.0733	0.3461	0.2825

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1778	0.0977	0.2948	0.3180
Cu-67	1.3675	1.0452	0.9095	1.6415
Cu-69	1.0697	0.5943	1.5753	1.9622
Dy-148	2.8028	1.7185	2.5175	4.7586
Dy-149	4.3678	2.6639	4.9532	6.9325
Dy-150	1.8567	1.0197	1.6402	3.4752
Dy-151	4.1671	2.5574	4.7387	6.9939
Dy-152	2.8841	2.2783	2.7891	2.6717
Dy-153	4.9463	3.3073	4.8126	6.4359
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	3.5476	2.5018	3.3761	4.1557
Dy-157	2.8869	1.9233	2.0809	3.4064
Dy-159	1.2394	0.8358	1.2038	1.2388
Dy-165m	0.2647	0.2043	0.4872	0.5114
Dy-165	0.2525	0.1629	0.2318	0.3481
Dy-166	0.9607	0.7090	1.0631	1.1032
Dy-167	2.7054	1.8941	2.4851	3.6765
Dy-168	2.4217	1.6062	2.0827	3.5487
Er-154	1.3447	1.0467	1.7418	1.4678
Er-156	1.6174	1.2636	2.2337	2.1120
Er-159	3.3847	2.2116	3.3215	5.2401
Er-161	3.5389	2.2405	4.5072	5.0769
Er-163	1.0337	0.7285	1.0823	1.0237
Er-165	0.9943	0.7024	1.0518	0.9909
Er-167m	1.0726	0.8214	0.7862	1.0649
Er-169	0.0025	0.0033	0.0161	0.0128
Er-171	3.0847	2.2636	2.4663	3.5526
Er-172	2.7443	1.6986	2.5783	4.7894
Er-173	4.6747	3.3485	4.4204	5.6053
Es-249	3.1061	2.2906	3.5410	5.1502
Es-250	8.0057	6.2845	11.3231	12.7923
Es-250m	2.6181	2.0035	3.5630	4.1612
Es-251	1.9169	1.6914	2.6540	2.9699
Es-253	0.0231	0.0235	0.0562	0.0487
Es-254	0.7486	0.7980	2.0364	1.7077
Es-254m	1.5974	1.0617	2.0108	3.1107
Es-255	0.0013	0.0008	0.0014	0.0023
Es-256	0.1237	0.1267	0.2855	0.2233
Eu-142	0.4324	0.2509	0.5426	0.7743
Eu-142m	6.1902	3.4813	8.5243	11.3470

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.7417	0.4486	0.8162	1.2284
Eu-144	0.3279	0.2030	0.3030	0.6017
Eu-145	3.1053	1.8225	3.7175	5.0532
Eu-146	5.8778	3.3995	6.6090	10.7638
Eu-147	2.9328	1.9681	2.6827	3.6486
Eu-148	6.9008	3.9830	6.8137	12.8811
Eu-149	1.1831	0.7879	1.1544	1.4039
Eu-150	6.4296	3.7532	5.7638	10.9598
Eu-150m	0.2543	0.1520	0.2130	0.3824
Eu-152	3.8800	2.4823	4.3894	5.8958
Eu-152m	1.0380	0.6422	1.2992	1.5106
Eu-152n	1.5333	1.0418	1.4940	2.4313
Eu-154	3.3819	2.2275	4.4685	5.3386
Eu-154m	1.5968	1.1894	1.7898	2.4664
Eu-155	1.2181	0.8059	0.9717	1.7211
Eu-156	2.0695	1.2065	2.8688	3.7004
Eu-157	2.2296	1.4353	2.0980	3.4703
Eu-158	2.7220	1.6048	4.0038	4.6056
Eu-159	2.4340	1.6693	2.2844	3.0306
F-17	0.0006	0.0003	0.0010	0.0011
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.9139	1.7405	1.4974	1.9210
Fe-53	0.8173	0.4381	0.6436	1.6896
Fe-53m	5.2418	2.9621	7.4955	10.1161
Fe-55	0.0696	0.0948	0.4619	0.3664
Fe-59	1.9262	1.1016	3.1250	3.6174
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.5567	1.5525	3.5488	4.3901
Fe-62	1.8475	1.0182	1.9456	3.3875
Fm-251	1.9315	1.6607	2.5768	2.9011
Fm-252	0.0620	0.0639	0.1465	0.1192
Fm-253	1.4267	1.3193	2.2995	2.2740
Fm-254	0.0757	0.0727	0.1622	0.1432
Fm-255	0.6409	0.6722	1.5971	1.3420
Fm-256	23.9918	14.9420	26.2049	41.8860
Fm-257	2.0267	1.7641	2.6290	2.9114
Fr-212	3.7429	2.7049	4.8379	5.8996
Fr-219	0.0207	0.0136	0.0171	0.0333
Fr-220	0.1992	0.1781	0.3129	0.3451
Fr-221	0.2918	0.2325	0.2171	0.3053

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.6711	1.3084	1.5028	2.1606
Fr-223	1.0298	0.8195	1.2703	1.2838
Fr-224	2.0006	1.4855	2.1599	2.8672
Fr-227	3.0503	2.0470	2.8110	5.2344
Ga-64	2.5747	1.4856	3.7630	4.7713
Ga-65	1.8081	1.4041	2.1053	2.7243
Ga-66	1.7368	1.0659	2.8649	3.3453
Ga-67	1.7964	1.3564	2.3559	3.2587
Ga-68	0.0839	0.0602	0.2230	0.2121
Ga-70	0.0185	0.0125	0.0282	0.0306
Ga-72	3.9973	2.2577	5.5256	7.3673
Ga-73	2.2754	1.7728	2.9566	3.5011
Ga-74	4.3638	2.5386	4.8140	8.5632
Gd-142	1.7608	1.1567	1.7063	2.5311
Gd-143m	4.7904	3.2201	5.0238	6.7139
Gd-144	1.1238	0.6995	1.0891	1.5963
Gd-145m	1.8953	1.1257	2.4966	3.5497
Gd-145	2.6903	1.6339	2.9583	4.7528
Gd-146	4.7256	3.4941	4.0153	5.2941
Gd-147	5.7515	3.6251	5.8839	8.5973
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.9258	2.8039	3.4572	4.7087
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3997	1.0048	1.4373	1.5772
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.4663	1.4925	1.9667	3.3009
Gd-159	0.4992	0.3164	0.4177	0.6830
Gd-162	1.9426	1.0091	1.8164	4.2157
Ge-66	2.7377	1.9105	3.3073	4.7620
Ge-67	2.1283	1.7709	1.9140	2.5668
Ge-68	0.1712	0.2329	1.1314	0.8978
Ge-69	1.4805	0.9390	2.8633	3.2026
Ge-71	0.1736	0.2363	1.1476	0.9106
Ge-75	0.2559	0.2079	0.2212	0.2479
Ge-77	4.3700	2.9845	3.9435	6.2548
Ge-78	1.9282	1.5291	1.5655	1.8903
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9731	1.4586	1.5186	2.2371
Hf-169	2.9483	1.9230	3.1152	4.6292
Hf-170	3.6687	2.8068	3.8293	5.0836

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.4266	2.0667	3.3215	3.1206
Hf-173	4.5218	3.7816	4.3084	4.8431
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.9698	2.0688	2.5767	4.1116
Hf-177m	17.6273	13.2053	14.0982	21.6456
Hf-178m	13.1231	8.7163	11.1741	20.1068
Hf-179m	7.0557	5.2072	6.6133	10.0788
Hf-180m	6.6323	4.4766	5.3764	9.6532
Hf-181	3.1820	2.2829	3.2841	4.8826
Hf-182	1.9420	1.6055	1.7565	1.9417
Hf-182m	5.4133	3.7946	5.4223	7.9182
Hf-183	2.9117	1.8750	3.4916	4.6570
Hf-184	2.5828	2.2045	3.4818	3.9522
Hg-190	3.1409	2.9440	3.5816	3.8524
Hg-191m	6.2206	4.5972	6.8986	9.6505
Hg-192	3.2319	2.8094	3.6077	4.1179
Hg-193	3.4143	2.5983	4.2216	5.4030
Hg-193m	3.6098	2.4532	4.1492	6.4623
Hg-194	0.1035	0.1379	0.5976	0.4805
Hg-195	1.7997	1.5583	2.5499	2.8181
Hg-195m	1.9175	1.7020	3.1138	3.2270
Hg-197	1.5445	1.4258	2.1504	2.2935
Hg-197m	1.5148	1.4506	2.2013	2.1586
Hg-199m	2.2899	2.0503	2.5112	3.0786
Hg-203	1.7859	1.4321	1.5217	1.8463
Hg-205	0.0541	0.0422	0.0324	0.0546
Hg-206	0.8104	0.6005	0.6029	0.9846
Hg-207	4.8239	2.9616	5.1952	9.0488
Ho-150	2.7200	1.5211	3.8022	4.7638
Ho-153	3.0523	2.0923	2.8405	3.9007
Ho-153m	3.4913	2.3658	3.2933	4.9178
Ho-154m	8.1040	4.6370	7.7355	14.3994
Ho-154	4.1109	2.4919	3.8276	6.7484
Ho-155	2.7269	1.9257	2.6674	3.3538
Ho-156	5.4537	3.9267	5.9187	7.3886
Ho-157	4.1372	2.9021	3.8862	4.8899
Ho-159	4.5003	3.4263	4.2292	4.7519
Ho-160	5.5256	3.3609	6.8005	8.6909
Ho-161	1.5518	1.1561	1.8891	1.7438
Ho-162	1.4115	0.9852	1.5239	1.5870

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.9401	2.0929	3.4413	3.7742
Ho-163	0.0028	0.0038	0.0185	0.0147
Ho-164	0.7696	0.5391	0.8110	0.8260
Ho-164m	1.2788	0.9744	1.8343	1.6849
Ho-166	0.2828	0.2235	0.3787	0.3924
Ho-166m	6.3370	4.1979	6.8587	9.3748
Ho-167	2.3639	1.5439	1.7218	3.3770
Ho-168	2.4272	1.4573	3.3638	4.0731
Ho-168m	0.2058	0.1718	0.4424	0.3771
Ho-170	5.5246	3.6741	7.1847	7.9755
I-118m	7.6099	4.4664	8.2872	14.7513
I-118	2.6007	1.5226	2.7275	5.1606
I-119	2.4979	2.0793	2.6279	2.6278
I-120	3.0999	1.8991	3.3827	5.9790
I-120m	6.5607	3.8555	6.8778	12.9592
I-121	2.6589	2.1414	2.2422	2.7474
I-122	0.5888	0.4001	0.6745	1.0011
I-123	2.4891	2.3622	2.5515	2.4830
I-124	2.3394	1.5828	2.5471	4.2593
I-125	1.4748	1.4143	2.1206	1.5366
I-126	1.8068	1.1411	1.8996	3.3780
I-128	0.3189	0.1884	0.3332	0.6125
I-129	0.8225	0.7603	0.9576	0.8573
I-130m	0.5092	0.3667	0.6332	0.8641
I-130	6.1267	3.4078	6.7817	11.9918
I-131	1.8445	1.8845	1.8574	2.1330
I-132	5.4165	3.0614	6.6952	10.3251
I-132m	1.4283	1.0080	1.7179	2.4123
I-133	1.9317	1.0813	2.0833	3.6218
I-134m	2.5818	2.1696	2.6320	2.5866
I-134	5.5918	3.1445	7.9874	10.1481
I-135	2.4171	1.4031	3.3658	4.7442
In-103	3.8580	2.4905	4.2485	6.1412
In-105	3.3709	2.4656	3.8917	4.9434
In-106	6.5435	3.7655	8.3529	12.1922
In-106m	2.9113	1.7437	2.9277	5.9161
In-107	3.0718	2.1193	3.1996	4.4935
In-108	8.4606	5.2513	10.9309	14.8464
In-108m	2.9943	1.8995	3.2735	5.7469
In-109	3.0756	2.2921	2.9129	3.8968

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.7258	1.0153	1.6100	3.5248
In-110	7.7643	4.5993	10.5388	14.1795
In-110m	2.2691	1.4089	2.4624	4.3777
In-111	4.2910	3.8068	4.2073	4.0173
In-111m	1.6840	0.9752	1.7431	3.1324
In-112	0.3379	0.2817	0.5161	0.4912
In-112m	0.7710	0.7378	1.1423	0.7993
In-113m	1.4577	0.8314	1.4168	3.0230
In-114	0.0070	0.0053	0.0113	0.0114
In-114m	0.7550	0.6281	0.8992	0.8774
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.1821	0.8508	1.0917	1.5949
In-116m	3.9333	2.2250	5.7761	7.7579
In-117	3.5644	2.6863	3.2242	5.1877
In-117m	0.8539	0.7178	0.7739	0.9045
In-118m	4.9939	2.8101	7.5457	9.4651
In-118	0.1231	0.0691	0.2012	0.2369
In-119	2.0010	1.1626	3.0514	3.5276
In-119m	0.2116	0.1554	0.3377	0.3215
In-121	2.0336	1.1595	3.1265	3.4524
In-121m	0.6937	0.6011	0.9105	0.7507
Ir-180	4.4784	3.3247	5.1318	6.6381
Ir-182	4.2226	3.2841	4.8632	5.9078
Ir-183	4.0922	3.0835	4.7452	6.7143
Ir-184	6.4808	4.6927	7.6310	10.1699
Ir-185	3.4794	2.8415	4.5169	5.7919
Ir-186	6.2094	4.5466	6.6708	9.6491
Ir-186m	3.5485	2.5577	4.3767	5.7954
Ir-187	2.3654	1.9086	3.0991	3.8722
Ir-188	4.3479	3.1714	5.0216	7.3277
Ir-189	1.4788	1.3562	2.0904	2.2559
Ir-190	7.1396	4.7547	6.6306	12.1412
Ir-190m	0.0968	0.1313	0.6242	0.4964
Ir-190n	1.2194	1.1124	1.5790	1.7739
Ir-191m	1.4373	1.3889	2.1980	2.1854
Ir-192	4.2906	2.8431	3.1187	6.0495
Ir-192m	0.1122	0.1507	0.6775	0.5419
Ir-192n	0.2427	0.3218	1.4119	1.1339
Ir-193m	0.1021	0.1354	0.6195	0.4958
Ir-194	0.3927	0.2589	0.2948	0.5595

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	9.2747	5.5169	8.1158	16.6139
Ir-195	1.1865	1.0288	1.5666	1.8924
Ir-195m	2.4843	1.7964	2.4888	3.9799
Ir-196	0.8116	0.4725	0.8069	1.4390
Ir-196m	9.9521	5.5994	9.2404	19.9098
K-38	1.6311	0.9692	1.9700	2.9221
K-40	0.1855	0.1135	0.2210	0.4400
K-42	0.3146	0.1955	0.2954	0.7696
K-43	3.6406	2.0498	2.9296	7.3404
K-44	2.6737	1.5424	3.8650	5.0499
K-45	3.1337	2.2673	2.8350	4.9806
K-46	2.6334	1.5664	3.7947	5.2610
Kr-74	2.4773	1.9246	2.2067	3.2444
Kr-75	2.2408	2.0529	2.3316	2.5220
Kr-76	2.8308	2.0852	3.1060	4.3387
Kr-77	2.3732	2.2720	2.3679	2.3337
Kr-79	1.0310	0.8161	1.6240	2.0308
Kr-81	0.2132	0.2745	0.9258	0.7673
Kr-81m	1.3604	1.1107	0.8473	1.3733
Kr-83m	0.0932	0.1207	0.4281	0.3531
Kr-85	0.0080	0.0044	0.0083	0.0148
Kr-85m	1.6918	1.5675	1.4057	1.6623
Kr-87	1.4995	0.7840	1.5315	3.2241
Kr-88	2.4134	1.5557	2.6075	4.0154
Kr-89	3.0916	1.8835	3.4503	5.5803
La-128	5.8530	3.7173	6.2732	9.6422
La-129	2.3135	1.7204	2.1185	3.1523
La-130	4.2049	2.5020	4.2987	7.6093
La-131	2.9531	2.0989	2.6249	4.4919
La-132	3.7179	2.2503	4.0214	6.8737
La-132m	3.1392	2.3606	3.2847	4.4883
La-133	1.0424	0.9287	1.2197	1.3525
La-134	0.4385	0.3652	0.4429	0.6052
La-135	0.8609	0.7960	0.8924	0.9580
La-136	0.5941	0.5362	0.6465	0.6821
La-137	0.7969	0.7505	0.8308	0.8636
La-138	2.1987	1.4277	2.8688	4.2078
La-140	3.8060	2.2681	3.7738	7.9263
La-141	0.0339	0.0198	0.0479	0.0724
La-142	2.6652	1.5700	3.0499	5.1923

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3892	0.2237	0.4827	0.7709
Lu-165	4.1087	2.9864	4.1772	5.6709
Lu-167	4.5857	3.2170	5.1549	7.0643
Lu-169m	0.0702	0.0956	0.4652	0.3690
Lu-169	4.2239	2.8915	5.0031	6.3106
Lu-170	4.2002	2.7308	5.5202	7.0618
Lu-171m	0.0806	0.1059	0.4938	0.3940
Lu-171	3.5253	2.5115	4.8155	5.3620
Lu-172	5.9651	3.8887	7.8402	9.3718
Lu-172m	0.0632	0.0859	0.4183	0.3319
Lu-173	2.9560	2.2840	3.0611	3.2268
Lu-174	1.3541	1.0495	1.7305	1.6656
Lu-174m	1.3966	1.1659	2.1932	2.0799
Lu-176	4.0455	3.0122	2.7507	4.5342
Lu-176m	0.3184	0.2574	0.4761	0.5507
Lu-177	0.4253	0.3300	0.3396	0.4966
Lu-177m	8.9519	6.7496	7.4062	11.3371
Lu-178	0.3809	0.2616	0.5247	0.7112
Lu-178m	7.7101	5.1471	5.9121	11.4237
Lu-179	0.2627	0.2055	0.1654	0.2457
Lu-180	3.9668	2.4393	4.7776	7.1410
Lu-181	2.8378	1.9702	3.1773	4.5679
Mg-27	1.8799	1.0256	3.0544	3.2627
Mg-28	3.1746	2.0148	4.0399	5.8693
Mn-50m	6.1004	3.4528	9.0639	11.7854
Mn-51	0.0112	0.0076	0.0249	0.0264
Mn-52	5.4912	3.1385	8.0188	10.8979
Mn-52m	1.7493	1.0484	2.1450	4.0117
Mn-53	0.0567	0.0772	0.3761	0.2984
Mn-54	1.9166	1.0819	3.3991	3.5161
Mn-56	2.5589	1.4285	3.7763	4.6405
Mn-57	0.6108	0.5335	1.0744	1.1761
Mn-58m	4.1156	2.2916	6.0459	7.8886
Mo-101	3.1065	1.9009	3.6357	5.6373
Mo-102	0.1872	0.1591	0.1320	0.1760
Mo-89	0.3957	0.2310	0.5536	0.7574
Mo-90	4.1386	3.5045	4.4590	4.9564
Mo-91m	1.7044	1.0108	1.9374	3.6031
Mo-91	0.0449	0.0395	0.0673	0.0870
Mo-93	0.4535	0.4591	0.8066	0.7972

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	4.8179	3.1787	5.1965	8.9957
Mo-99	0.5679	0.3934	0.6454	0.8389
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.1399	0.7414	1.5303	2.1918
Na-22	1.8279	1.0367	3.1129	3.6540
Na-24	3.3757	2.0264	4.4765	6.7692
Nb-87	2.6457	2.1709	1.7110	2.6448
Nb-88m	6.6778	3.7313	8.7164	12.9005
Nb-88	8.0720	4.8295	10.7380	14.4640
Nb-89	0.6606	0.4413	0.8735	1.3123
Nb-89m	1.7443	1.0037	1.9670	3.2075
Nb-90	5.2737	3.6993	6.9502	8.5118
Nb-91	0.4329	0.4449	0.7846	0.8103
Nb-91m	0.4309	0.4153	0.7578	0.7688
Nb-92	4.1199	2.4841	5.5632	7.6302
Nb-92m	2.3429	1.4870	3.9023	4.1520
Nb-93m	0.0849	0.0873	0.1700	0.1629
Nb-94m	0.3184	0.3181	0.5713	0.5641
Nb-94	3.6478	2.0161	5.1325	6.6945
Nb-95	1.8409	1.0057	2.7317	3.2919
Nb-95m	0.8224	0.7351	0.9468	0.9872
Nb-96	5.8719	3.2686	8.0433	10.7704
Nb-97	1.8071	1.0423	1.7380	3.6924
Nb-98m	5.6785	3.2125	7.7611	10.5524
Nb-99	2.7212	2.2979	2.5325	3.4288
Nb-99m	1.1938	0.7405	1.3258	2.1295
Nd-134	3.1544	2.5213	2.5569	3.4925
Nd-135	3.7048	2.5411	2.9865	4.9395
Nd-136	2.6254	1.8567	2.3470	3.4825
Nd-137	3.2727	2.2035	3.3781	4.7561
Nd-138	0.9912	0.7483	0.8628	1.0752
Nd-139	1.1070	0.7528	1.1005	1.5874
Nd-139m	5.1923	3.2844	6.2515	8.1873
Nd-140	0.8728	0.6641	0.7906	0.9392
Nd-141	0.9067	0.6839	0.8418	0.9997
Nd-141m	1.7580	0.9772	2.4883	3.1272
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3939	0.8800	1.1280	1.9936
Nd-149	2.7583	1.9925	2.1455	3.4326
Nd-151	3.2881	2.2769	3.5270	4.8135

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.2173	0.9774	1.1710	1.3111
Ne-19	0.0003	0.0002	0.0002	0.0005
Ne-24	2.0092	1.0678	2.1024	3.9290
Ni-56	6.0820	4.3610	7.4903	9.2608
Ni-57	2.1078	1.4011	3.0251	4.3472
Ni-59	0.0983	0.1338	0.6522	0.5173
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.8100	0.4735	1.0158	1.7305
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	5.3256	3.4641	6.4601	8.9619
Np-233	1.6534	1.1001	1.7288	3.1044
Np-234	2.8850	1.9082	3.4256	6.0771
Np-235	0.2616	0.2907	0.7803	0.6814
Np-236	2.9976	2.4690	4.0755	5.3442
Np-236m	0.8855	0.6053	1.0032	1.7009
Np-237	0.8822	0.8118	1.5166	1.6061
Np-238	1.3694	0.8856	2.4728	2.5294
Np-239	2.5614	1.8906	2.8079	4.2104
Np-240	4.1334	2.8209	5.6131	7.4746
Np-240m	1.1129	0.7616	1.4980	2.1827
Np-241	0.6299	0.4607	0.6977	1.0929
Np-242	0.4622	0.2826	0.6683	0.9109
Np-242m	3.3940	2.4519	5.4178	5.7354
O-14	1.6211	0.9722	1.9169	2.9038
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.8556	1.9950	2.1610	3.8097
Os-180	1.6671	1.4550	2.4285	2.6827
Os-181	5.2419	3.9284	6.5097	7.6985
Os-182	3.2865	2.5662	3.6517	4.8023
Os-183	4.8111	3.5103	4.9438	7.9257
Os-183m	2.8454	1.9747	4.2469	4.7404
Os-185	2.8222	1.9753	3.1272	5.0477
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0925	0.1257	0.6018	0.4782
Os-190m	7.1304	4.5682	6.4625	12.4836
Os-191	1.5730	1.5110	2.2977	2.3126
Os-191m	0.2162	0.2352	0.7192	0.6298
Os-193	0.5813	0.4697	0.6898	0.9169
Os-194	0.1493	0.1530	0.5547	0.4647
Os-196	0.6515	0.5109	0.6234	0.9354

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0012	0.0007	0.0015	0.0023
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5173	0.4353	0.7570	0.9471
Pa-228	5.2328	3.4623	6.7656	9.6239
Pa-229	1.3411	0.9577	1.5511	2.4963
Pa-230	2.9365	1.9030	3.9772	5.5122
Pa-231	0.7012	0.6828	1.5202	1.4441
Pa-232	2.8888	1.8602	4.2700	5.2639
Pa-233	2.1280	1.5391	2.1861	3.4676
Pa-234	5.4173	3.7000	7.2313	9.3816
Pa-234m	0.0449	0.0282	0.0661	0.0826
Pa-235	0.0333	0.0453	0.2195	0.1742
Pa-236	2.0163	1.2937	2.4421	4.1307
Pa-237	1.5966	0.9045	2.3100	2.9164
Pb-194	4.2406	3.1039	4.4718	6.7386
Pb-195m	6.3475	3.9878	7.2598	12.1676
Pb-196	3.7499	2.9453	3.9685	5.1327
Pb-197	4.2724	2.7800	5.0904	7.7353
Pb-197m	5.4301	3.6227	5.9291	9.6509
Pb-198	3.5901	2.8285	3.5720	4.9723
Pb-199	3.4783	2.4011	3.8390	5.9841
Pb-200	2.8981	2.5987	3.2494	3.6844
Pb-201	3.9691	2.8261	3.9420	5.9447
Pb-201m	1.4756	1.0134	1.4198	2.7672
Pb-202	0.0969	0.1304	0.5858	0.4685
Pb-202m	5.7209	3.1981	7.3461	11.0151
Pb-203	3.0659	2.5434	3.0481	3.6896
Pb-204m	5.4140	2.9930	7.2909	9.8365
Pb-205	0.0981	0.1320	0.5928	0.4742
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1719	0.1872	0.5977	0.5017
Pb-211	0.2173	0.1190	0.2578	0.4311
Pb-212	1.5261	1.2882	1.4636	1.6470
Pb-214	1.7299	1.2441	1.5097	2.4634
Pd-100	2.7912	2.4386	3.2239	3.2610
Pd-101	1.9993	1.6578	2.8875	2.8599
Pd-103	0.5486	0.5432	1.0738	0.7588
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2827	1.0651	0.9273	1.2404

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3596	0.3320	0.6261	0.4648
Pd-111	0.1288	0.0794	0.1386	0.2407
Pd-112	0.2032	0.2056	0.4038	0.3383
Pd-114	0.2439	0.2083	0.2109	0.2431
Pd-96	3.8764	2.8023	5.0852	5.8904
Pd-97	3.6513	2.4549	4.3088	5.8947
Pd-98	2.8416	2.1352	3.2373	4.3297
Pd-99	3.0881	2.5059	3.5214	4.1649
Pm-136	5.6644	3.1840	6.1849	10.4810
Pm-137m	5.8092	3.9605	5.2247	8.2787
Pm-139	0.9945	0.5879	0.9423	1.7500
Pm-140m	6.0757	3.3092	8.1251	11.3534
Pm-140	0.3962	0.2434	0.4875	0.6515
Pm-141	0.7724	0.5151	0.8158	1.0803
Pm-142	0.2862	0.1978	0.2473	0.4060
Pm-143	1.6046	1.0328	1.7589	2.2658
Pm-144	5.3691	3.1746	5.2639	9.8967
Pm-145	0.9255	0.6696	0.8349	1.0071
Pm-146	2.9038	1.6641	3.1615	5.1680
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	1.0551	0.6068	1.2423	2.1572
Pm-148m	6.0697	3.4821	6.1226	11.6242
Pm-149	0.0714	0.0536	0.0617	0.0806
Pm-150	3.3430	1.9820	3.7178	5.8047
Pm-151	2.1825	1.4965	1.7582	2.9489
Pm-152m	5.2643	3.7451	5.6997	7.2680
Pm-152	0.9155	0.6254	1.1012	1.3369
Pm-153	1.1581	0.9610	1.0748	1.2887
Pm-154	2.8358	1.7117	3.7558	4.8321
Pm-154m	4.8364	3.2068	4.8428	7.7159
Po-203	4.5862	3.1480	6.0859	7.3321
Po-204	5.8219	4.4280	7.5242	8.8759
Po-205	4.4380	2.9984	6.0905	7.2468
Po-206	4.9930	3.5229	6.3934	8.0592
Po-207	4.0407	2.6916	5.4148	6.6692
Po-208	0.0001	0.0001	0.0001	0.0002
Po-209	0.0345	0.0291	0.0673	0.0637
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0208	0.0117	0.0268	0.0384
Po-212m	0.0790	0.0468	0.0839	0.1484

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0002
Po-214	0.0002	0.0001	0.0003	0.0003
Po-215	0.0008	0.0004	0.0007	0.0016
Po-216	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	7.6709	4.5008	7.5856	13.9961
Pr-134m	3.4894	1.9214	3.5744	7.1243
Pr-135	2.3068	1.7040	1.9390	2.8576
Pr-136	3.8274	2.2579	4.1187	7.0508
Pr-137	0.8623	0.6566	0.8584	1.0814
Pr-138	0.2959	0.2212	0.3102	0.3819
Pr-138m	6.4156	3.9821	8.1418	9.8423
Pr-139	0.8258	0.6674	0.7775	0.9130
Pr-140	0.4395	0.3554	0.4084	0.4860
Pr-142	0.0618	0.0391	0.0479	0.1593
Pr-142m	0.0045	0.0061	0.0296	0.0235
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0409	0.0237	0.0471	0.0801
Pr-144m	0.3632	0.2861	0.4275	0.4654
Pr-145	0.0538	0.0327	0.0667	0.0891
Pr-146	1.9741	1.0952	2.1974	4.0851
Pr-147	2.7976	1.9182	2.5302	3.7675
Pr-148	2.4982	1.6121	2.5412	3.7974
Pr-148m	3.7468	2.3837	3.2036	5.8184
Pt-184	6.4128	5.2927	7.0011	9.2384
Pt-186	3.4760	2.5942	3.9241	5.7398
Pt-187	4.0006	3.1772	4.6154	5.9729
Pt-188	2.6197	2.2160	2.7955	3.6812
Pt-189	3.5882	2.9039	4.2262	5.5772
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	3.1297	2.5789	3.5892	4.8309
Pt-193	0.1017	0.1373	0.6296	0.5025
Pt-193m	0.3261	0.3415	0.9029	0.8140
Pt-195m	1.6619	1.5116	2.7534	3.0041
Pt-197	0.4619	0.4327	0.7554	0.7565
Pt-197m	1.1362	1.0204	1.8574	2.0373
Pt-199	0.8916	0.5892	0.8825	1.4296
Pt-200	0.9327	0.8403	1.2509	1.3461
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.2281	0.8244	1.3060	2.3079
Pu-234	1.3613	0.9289	1.5111	2.5794
Pu-235	1.7680	1.2324	2.0761	3.3457
Pu-236	0.0856	0.0941	0.2336	0.2035
Pu-237	1.1313	0.8419	1.5063	2.1907
Pu-238	0.0787	0.0867	0.2156	0.1879
Pu-239	0.0403	0.0458	0.1346	0.1143
Pu-240	0.0741	0.0816	0.2028	0.1767
Pu-241	0.0000	0.0000	0.0000	0.0001
Pu-242	0.0636	0.0700	0.1740	0.1516
Pu-243	0.4980	0.4018	0.5420	0.7163
Pu-244	0.0901	0.0813	0.1850	0.1912
Pu-245	1.9352	1.2538	1.9298	3.1670
Pu-246	2.1775	1.6756	2.2091	2.9821
Ra-219	1.2306	0.8742	0.8813	1.5865
Ra-220	0.0191	0.0102	0.0189	0.0383
Ra-221	0.6208	0.5651	0.8648	0.9813
Ra-222	0.0558	0.0375	0.0335	0.0721
Ra-223	1.6765	1.3358	1.7319	2.3780
Ra-224	0.0893	0.0752	0.0831	0.0856
Ra-225	0.4427	0.3120	0.4979	0.5832
Ra-226	1.5102	1.5563	1.5934	1.7615
Ra-227	1.3290	1.0829	1.9227	2.2820
Ra-228	1.4963	1.5164	1.5740	1.6938
Ra-230	0.8336	0.6235	0.8632	1.3137
Rb-77	2.4479	1.8100	2.3470	3.5416
Rb-78m	4.5533	2.5443	5.1216	9.1393
Rb-78	3.3633	1.9448	3.9212	6.4842
Rb-79	2.9169	2.2227	2.9001	4.3789
Rb-80	0.5254	0.3068	0.4740	1.0914
Rb-81	0.9701	0.6390	1.4095	2.1131
Rb-81m	0.3076	0.3112	0.6476	0.6568
Rb-82	0.3094	0.1764	0.4905	0.5661
Rb-82m	6.2338	3.6440	8.4675	12.0067
Rb-83	1.9032	1.2238	2.5429	3.8671
Rb-84	1.4635	0.9070	2.6839	2.7523
Rb-84m	2.5014	1.9118	2.3600	3.0901
Rb-86m	1.7974	1.0170	1.7320	3.4969
Rb-86	0.1619	0.0894	0.2710	0.2947
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.6956	0.4050	0.8953	1.3543
Rb-89	3.0659	1.7437	4.6865	5.6781
Rb-90	1.6268	0.9472	2.4204	2.7767
Rb-90m	3.7329	2.1356	5.4945	6.8084
Re-178	3.7111	2.7289	4.4502	5.6347
Re-179	4.7563	3.3295	4.8548	7.7246
Re-180	3.8353	2.5660	5.5276	6.3863
Re-181	4.4816	3.1355	4.8380	7.4341
Re-182	8.8078	6.7999	9.9448	12.1932
Re-182m	4.3508	3.1848	5.7463	6.8564
Re-183	2.7706	2.3993	3.4351	3.8194
Re-184	3.4469	2.3783	4.9022	5.4793
Re-184m	2.8659	2.2559	3.6200	4.3383
Re-186	0.3368	0.3162	0.4000	0.4103
Re-186m	0.5848	0.5942	1.8724	1.6429
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.4556	0.4033	0.4671	0.5783
Re-188m	1.5497	1.3504	2.2748	2.6342
Re-189	0.5119	0.4253	0.4955	0.6118
Re-190	5.4604	3.4636	4.9092	9.1753
Re-190m	4.3691	2.9153	4.2217	7.4537
Rh-100m	0.9566	0.8970	1.5799	1.2882
Rh-100	4.7393	2.9299	5.8720	9.0505
Rh-101	3.4546	2.9944	3.0085	3.4953
Rh-101m	2.1782	1.6943	2.0460	2.6617
Rh-102	1.4830	0.9528	1.8411	2.7499
Rh-102m	6.3313	3.7286	7.7487	12.1265
Rh-103m	0.0657	0.0672	0.1587	0.1163
Rh-104	0.0413	0.0243	0.0432	0.0789
Rh-104m	1.2265	1.0028	1.5655	1.3035
Rh-105	0.4664	0.3204	0.2641	0.5479
Rh-106	0.6271	0.3528	0.6432	1.2059
Rh-106m	6.8918	3.8572	8.3432	13.2332
Rh-107	1.8231	1.2544	1.2344	2.3359
Rh-108	1.1989	0.6329	1.1110	2.5351
Rh-109	1.9672	1.3930	1.4175	2.5304
Rh-94	4.2628	2.5175	5.5146	8.4503
Rh-95	2.9063	1.7204	4.2746	5.4442
Rh-95m	1.8108	1.0497	1.9733	3.3694
Rh-96	7.0323	4.0410	8.8684	13.5549

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.6742	1.0453	2.5670	3.0103
Rh-97	2.5141	1.4238	2.9397	5.0909
Rh-97m	3.7540	2.5685	4.1370	6.1285
Rh-98	2.0677	1.2191	2.0892	4.2048
Rh-99	3.1135	2.1710	3.3897	5.1090
Rh-99m	2.5872	1.7746	2.7236	4.1690
Rn-207	3.6769	2.3812	3.7276	6.2969
Rn-209	4.0762	2.5794	4.4490	7.4155
Rn-210	0.2773	0.1912	0.3237	0.4635
Rn-211	5.1406	3.2799	6.3922	9.4193
Rn-212	0.0009	0.0005	0.0010	0.0018
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0023	0.0013	0.0020	0.0047
Rn-219	0.3740	0.2644	0.3330	0.5471
Rn-220	1.6308	1.6693	1.6734	1.9292
Rn-222	0.0014	0.0008	0.0015	0.0026
Rn-223	1.6607	1.1961	2.1595	3.1407
Ru-103	1.8339	1.0128	1.9123	3.3916
Ru-105	2.5171	1.5574	2.7893	4.3550
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	1.0322	0.6371	1.0893	1.6965
Ru-108	0.7906	0.7263	0.6610	0.7951
Ru-92	7.5554	6.1236	7.6454	8.7601
Ru-94	2.4314	1.5775	2.7863	4.3753
Ru-95	3.3893	2.2245	3.7734	5.6525
Ru-97	2.4087	1.9715	2.0695	2.5877
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.4688	0.9233	1.9121	2.7440
S-38	1.4238	0.8469	1.6573	2.7186
Sb-111	2.8938	2.1837	3.1019	4.0739
Sb-113	2.2920	1.4035	2.5418	3.8666
Sb-114	2.9568	1.7535	4.4925	5.6535
Sb-115	2.3727	1.4947	2.8463	3.9898
Sb-116	2.6618	1.6430	4.2726	4.8768
Sb-116m	7.5785	4.7197	10.4450	13.4015
Sb-117	2.4274	2.3086	2.6734	2.3721
Sb-118	0.2658	0.2229	0.4517	0.3434
Sb-118m	7.2739	5.1268	10.6181	10.3249

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.8573	0.8210	1.5555	0.9381
Sb-120	0.4538	0.4182	0.7850	0.4984
Sb-120m	7.6492	5.0635	9.4222	11.2995
Sb-122m	1.7910	1.6105	2.0269	1.9027
Sb-122	1.4079	0.8050	1.3786	2.7429
Sb-124	3.3292	1.9543	3.1790	7.0347
Sb-124m	1.3795	0.7947	1.3728	2.7774
Sb-124n	0.0156	0.0212	0.1032	0.0819
Sb-125	2.1478	1.4322	2.1512	3.7605
Sb-126	7.9165	4.4097	8.5862	15.7672
Sb-126m	4.7726	2.6028	4.8204	9.9447
Sb-127	2.2456	1.3222	2.4759	4.1026
Sb-128	8.7204	5.0761	9.8964	15.4638
Sb-128m	5.6447	3.3594	6.4814	9.1379
Sb-129	3.0195	1.7106	4.1155	5.5196
Sb-130m	6.4804	3.7930	9.2215	10.7945
Sb-130	9.2708	5.6751	11.0935	14.7650
Sb-131	3.7390	2.1689	4.9675	6.9141
Sb-133	3.9093	2.2482	5.4335	7.5115
Sc-42m	5.4225	3.0462	6.5278	11.8203
Sc-43	0.4292	0.2363	0.3398	0.8627
Sc-44	1.8747	1.0474	3.1935	3.5496
Sc-44m	1.7468	1.4044	1.5827	1.7329
Sc-46	3.7340	2.0494	6.2025	6.7121
Sc-47	1.2858	1.2227	0.9999	1.2091
Sc-48	5.7203	3.2301	9.1987	10.5545
Sc-49	0.0010	0.0006	0.0009	0.0023
Sc-50	5.2149	3.0191	6.2816	10.8593
Se-70	2.1715	1.6374	3.4849	4.2178
Se-71	1.9204	1.4518	2.3791	2.7292
Se-72	1.0050	0.8480	2.2472	1.9435
Se-73	2.9537	2.0571	2.6919	4.9466
Se-73m	0.3188	0.2521	0.5289	0.6326
Se-75	3.5608	3.1168	4.2892	4.5816
Se-77m	1.0965	1.0642	1.2446	1.3382
Se-79m	0.3314	0.3103	0.9732	1.0000
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0361	0.0254	0.0338	0.0467
Se-81m	0.4038	0.3489	1.0261	1.1412
Se-83m	1.8260	1.0367	2.3602	3.3513

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	6.1725	3.6610	6.7880	10.8362
Se-84	1.9301	0.9466	1.6748	4.4225
Si-31	0.0013	0.0007	0.0022	0.0025
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.9728	2.0039	2.7515	4.1223
Sm-140	1.8930	1.2999	1.8091	2.4399
Sm-141	2.6579	1.4623	2.6288	5.2568
Sm-141m	5.3520	3.3454	5.2161	8.2192
Sm-142	0.8788	0.5881	0.7607	0.9464
Sm-143	0.5890	0.3887	0.5493	0.6910
Sm-143m	1.7517	0.9708	2.4475	3.1096
Sm-145	1.8324	1.2565	1.5475	1.9488
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0006	0.0008	0.0030	0.0023
Sm-153	1.4198	0.8727	1.1188	1.9241
Sm-155	1.7209	1.0351	1.2619	2.8002
Sm-156	1.4616	1.1249	1.1657	1.7189
Sm-157	2.5542	1.7918	1.6705	3.0376
Sn-106	4.2842	2.9502	5.1440	6.5707
Sn-108	4.1765	2.9451	4.3003	6.4975
Sn-109	3.7512	2.4059	5.1830	6.7365
Sn-110	2.5419	2.1005	2.6645	2.5956
Sn-111	0.7208	0.5968	1.1703	0.9905
Sn-113	0.7151	0.6791	1.2467	0.7600
Sn-113m	0.4927	0.4703	0.8720	0.5282
Sn-117m	2.3144	2.2101	2.4513	2.2504
Sn-119m	0.5562	0.5361	1.0680	0.6505
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1805	0.1716	0.3137	0.2217
Sn-123	0.0119	0.0066	0.0200	0.0217
Sn-123m	1.7218	1.6297	1.4102	1.6283
Sn-125m	1.8946	1.2255	1.1566	2.6393
Sn-125	0.6118	0.3412	0.9362	1.0913
Sn-126	1.2507	0.9910	1.2991	1.6489
Sn-127m	1.8255	1.0033	1.9273	3.4822
Sn-127	3.8526	2.2767	5.2598	6.7517
Sn-128	3.9797	2.9434	4.6137	5.7759
Sn-129	2.3438	1.3603	2.4597	4.7299

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	4.6156	3.2960	4.6211	6.0679
Sn-130m	2.7835	1.9583	3.3849	4.2419
Sr-79	1.7100	1.2018	1.4570	2.4852
Sr-80	1.4982	1.0752	1.7225	2.8345
Sr-81	2.6838	2.1087	2.5120	3.6446
Sr-82	0.2524	0.3027	0.7147	0.6431
Sr-83	1.7660	1.1861	2.7089	3.6187
Sr-85	2.0232	1.2858	2.5629	3.9241
Sr-85m	1.9346	1.6431	1.6221	1.7958
Sr-87m	1.6056	0.8464	1.3812	3.5585
Sr-89	0.0002	0.0001	0.0003	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.5133	0.8499	2.1543	2.7753
Sr-92	1.8430	1.0908	2.5237	3.9271
Sr-93	4.8273	2.9284	5.7410	8.8587
Sr-94	1.8232	1.0852	2.2781	4.0960
Ta-170	1.8552	1.2795	2.2192	2.8891
Ta-172	4.4141	3.0311	5.2078	6.7990
Ta-173	3.0116	2.3849	3.6159	4.1894
Ta-174	3.2988	2.4548	3.3587	4.4049
Ta-175	4.4998	3.3145	4.8852	6.5140
Ta-176	4.4432	2.9934	5.5975	7.8595
Ta-177	1.3526	1.0998	1.5680	1.7180
Ta-178	1.3938	1.1146	1.6939	1.8885
Ta-178m	9.1517	6.2703	7.4126	13.2623
Ta-179	0.6208	0.5307	0.9201	0.9015
Ta-180	1.1197	0.9088	1.3459	1.4746
Ta-182	3.9228	2.7533	5.2118	6.2435
Ta-182m	3.6967	3.2787	4.0166	4.5114
Ta-183	3.5379	2.9037	3.9357	4.7309
Ta-184	6.7535	4.4440	7.6045	11.1096
Ta-185	1.9205	1.6720	2.0954	2.4822
Ta-186	6.3926	4.3411	5.8477	9.4203
Tb-146	3.7744	2.2677	4.1738	8.1546
Tb-147m	2.4791	1.5175	2.9532	4.6422
Tb-147	4.5894	2.9009	5.8459	7.4804
Tb-148m	8.4433	4.7091	9.9897	15.7865
Tb-148	3.6034	2.0583	4.7783	6.2588
Tb-149m	3.5566	2.0980	4.5810	5.6913
Tb-149	4.1668	2.6279	4.2936	6.5549

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	8.4427	4.9115	8.1446	15.5850
Tb-150	4.0717	2.4301	4.2592	7.3951
Tb-151	5.4658	3.5705	5.0447	7.9253
Tb-151m	0.7176	0.5383	1.3369	1.3336
Tb-152m	4.8289	3.3134	4.4114	6.4406
Tb-152	3.7378	2.3059	3.6049	5.8348
Tb-153	3.1240	2.1558	2.7390	3.6865
Tb-154	4.2174	2.6903	5.0777	6.5286
Tb-155	3.0375	2.1073	2.5592	3.6790
Tb-156	6.3911	3.9762	6.7897	9.9281
Tb-156m	0.9472	0.6425	0.8075	0.7003
Tb-156n	0.1365	0.1224	0.3795	0.3349
Tb-157	0.1704	0.1389	0.3788	0.3369
Tb-158	3.0234	1.8992	3.8633	4.3070
Tb-160	3.0775	1.9093	4.0347	4.7726
Tb-161	0.9683	0.7807	1.3242	1.1238
Tb-162	4.1178	2.8740	5.0507	5.3915
Tb-163	3.6193	2.1038	3.1229	6.5753
Tb-164	6.7327	4.3311	7.4518	11.0716
Tb-165	1.4950	0.9122	2.0221	2.9016
Tc-101	1.9754	1.3993	1.2882	2.3108
Tc-102m	4.5985	2.5916	5.1071	9.2257
Tc-102	0.2171	0.1185	0.2436	0.4227
Tc-104	4.3925	2.5929	4.3089	8.1570
Tc-105	3.2366	2.3354	3.0760	4.7068
Tc-91	1.5790	0.9595	1.8650	3.1803
Tc-91m	1.2260	0.6921	1.3895	2.3057
Tc-92	7.0691	4.8696	7.2253	11.5802
Tc-93	2.2204	1.5029	3.1149	4.7369
Tc-93m	1.7893	1.0420	1.8868	3.7132
Tc-94	6.2342	3.6284	9.2953	11.2215
Tc-94m	2.2784	1.3234	3.5938	4.0492
Tc-95	2.3475	1.5097	3.6648	4.1326
Tc-95m	3.0816	2.1763	3.2257	4.4206
Tc-96	6.1181	3.5530	9.7940	10.6166
Tc-96m	0.3445	0.3079	0.6290	0.5751
Tc-97	0.4658	0.4696	0.8569	0.7753
Tc-97m	0.3737	0.3728	0.7060	0.5937
Tc-98	3.6763	2.0771	4.2589	7.1570
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.6824	1.6278	1.5547	1.5595
Te-113	2.0146	1.1752	2.8660	3.7757
Te-114	3.3224	2.3849	4.1715	5.1612
Te-115	3.1081	1.9521	4.0925	5.6199
Te-115m	3.5201	2.1284	4.8670	6.5503
Te-116	1.8713	1.5215	2.3485	2.4647
Te-117	2.6097	1.6957	3.4857	4.5753
Te-118	0.7080	0.6796	1.1364	0.7367
Te-119	2.5501	1.7506	2.8593	4.5414
Te-119m	4.5911	3.5144	6.0973	6.2921
Te-121	2.5539	1.7350	2.9050	4.3161
Te-121m	2.1539	1.7591	1.7456	2.0662
Te-123	0.0147	0.0195	0.0914	0.0722
Te-123m	2.0726	1.9852	2.0013	2.0372
Te-125m	1.2329	1.1809	1.7902	1.3102
Te-127	0.0246	0.0135	0.0209	0.0498
Te-127m	0.3860	0.3750	0.6033	0.4389
Te-129	0.3954	0.2983	0.5535	0.6488
Te-129m	0.3565	0.3149	0.5238	0.4606
Te-131	2.2854	1.8338	2.2684	3.0248
Te-131m	4.0095	2.4987	5.2108	6.4540
Te-132	2.7053	2.2848	2.4298	2.4874
Te-133	3.1417	1.9022	3.0975	5.2679
Te-133m	4.5633	2.7910	5.7486	7.7615
Te-134	4.0374	2.7685	3.8608	5.8052
Th-223	1.3454	1.0431	1.5439	2.2462
Th-224	0.2492	0.2070	0.2074	0.3046
Th-226	0.1521	0.1307	0.2297	0.2724
Th-227	1.4696	1.2516	2.0065	2.1909
Th-228	0.0904	0.0928	0.2113	0.2021
Th-229	1.8368	1.5370	2.6668	3.3232
Th-230	1.5856	1.5798	1.6155	1.5428
Th-231	0.8015	0.8060	1.8102	1.6451
Th-232	1.3608	1.4001	1.4551	1.6376
Th-233	0.3213	0.2615	0.5532	0.6544
Th-234	0.2369	0.1979	0.3251	0.4214
Th-235	0.1916	0.1091	0.2106	0.3738
Th-236	0.2980	0.2170	0.3348	0.5235
Ti-44	2.7329	2.3593	2.0897	2.7674
Ti-45	0.0105	0.0097	0.0381	0.0366

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.9139	1.2709	1.1913	2.4027
Ti-52	1.9377	1.8475	2.0947	2.0226
Tl-190	2.6812	1.5868	2.7277	5.4238
Tl-190m	6.9805	4.2017	7.2250	13.2785
Tl-194	2.7663	1.7731	2.8356	5.2764
Tl-194m	8.8476	5.5504	9.3231	16.4439
Tl-195	3.4456	2.5537	4.6130	5.8909
Tl-196	4.4864	2.8571	4.7482	8.7189
Tl-197	2.6297	2.0660	3.0104	4.0998
Tl-198	4.9113	3.1311	5.4498	9.5195
Tl-198m	5.6543	3.8088	5.7288	10.2453
Tl-199	2.5004	2.0627	2.7100	3.4325
Tl-200	4.5727	3.0082	5.1149	8.1196
Tl-201	1.7713	1.6157	2.1999	2.4412
Tl-202	2.9699	2.0002	3.1197	5.4032
Tl-204	0.0267	0.0244	0.0364	0.0395
Tl-206m	9.2882	6.1415	9.6889	14.4537
Tl-206	0.0014	0.0012	0.0017	0.0020
Tl-207	0.0050	0.0028	0.0081	0.0087
Tl-208	4.1145	2.4709	4.4387	7.5521
Tl-209	5.3626	3.5452	4.8579	10.3193
Tl-210	5.8286	3.6364	7.6332	9.6087
Tm-161	5.5452	3.9646	5.4924	7.0535
Tm-162	3.2392	2.0275	3.9644	5.2805
Tm-163	4.9364	3.3109	5.3703	7.1528
Tm-164	1.2727	0.8585	1.4765	1.7684
Tm-165	3.9242	2.7892	3.9747	4.6932
Tm-166	4.8491	3.1411	5.9486	7.5377
Tm-167	2.2033	1.6472	2.0785	2.2693
Tm-168	5.5876	3.6548	6.0253	7.9275
Tm-170	0.0928	0.0751	0.1308	0.1382
Tm-171	0.0152	0.0121	0.0187	0.0181
Tm-172	0.9269	0.6340	1.2160	1.7738
Tm-173	1.9407	0.9889	1.7065	4.3348
Tm-174	7.5666	5.2039	7.7623	10.9252
Tm-175	3.2386	1.8607	3.8661	5.8218
Tm-176	5.2107	3.4239	5.7359	8.1885
U-227	1.4865	1.1654	1.6461	2.2111
U-228	0.1225	0.1132	0.2315	0.2500
U-230	0.0987	0.1067	0.2492	0.2268

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.0526	1.6753	3.2212	4.0136
U-232	0.0842	0.0934	0.2335	0.2087
U-233	0.0437	0.0482	0.1244	0.1112
U-234	1.4022	1.4124	1.3764	1.2857
U-235	1.8183	1.8228	1.9783	2.1701
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0677	0.0755	0.1926	0.1714
U-237	2.4354	1.8785	2.6871	3.8453
U-238	1.3303	1.3349	1.3870	1.5081
U-239	0.8933	0.7695	0.8519	1.0157
U-240	0.2852	0.2809	0.6599	0.6315
U-242	0.3544	0.2753	0.3025	0.4642
V-47	0.0126	0.0098	0.0202	0.0264
V-48	3.8721	2.1836	6.3539	7.4139
V-49	0.0384	0.0523	0.2548	0.2021
V-50	1.7364	1.0852	1.8813	4.2482
V-52	1.7557	1.0533	2.1663	4.0292
V-53	1.9096	1.0546	3.1195	3.4048
W-177	5.8607	4.3628	6.6100	8.8129
W-178	0.4048	0.3717	0.7887	0.7421
W-179	1.3683	1.2185	1.9966	1.9783
W-179m	0.9943	0.8603	1.2154	1.3272
W-181	0.9465	0.8121	1.2477	1.2984
W-185m	0.5783	0.6008	1.5927	1.4120
W-185	0.0010	0.0009	0.0011	0.0012
W-187	1.9402	1.3208	2.0457	3.2547
W-188	0.0168	0.0137	0.0157	0.0193
W-190	2.5490	2.3312	2.7704	3.1595
Xe-120	2.9366	2.3751	3.4451	3.7836
Xe-121	2.4728	1.8500	2.7578	3.5268
Xe-122	1.0859	0.9693	1.2776	1.2719
Xe-123	2.4804	2.1672	2.5791	2.8170
Xe-125	2.9462	2.5220	2.7397	2.9625
Xe-127	3.1157	2.5506	2.3808	3.2983
Xe-127m	2.5155	2.3459	2.3564	2.4219
Xe-129m	1.4919	1.3888	1.7346	1.5692
Xe-131m	0.6137	0.5917	0.7699	0.6687
Xe-133	1.1087	0.9754	1.0040	1.1625
Xe-133m	0.7793	0.7248	0.8927	0.8020
Xe-135	1.8820	1.6136	1.8593	1.7140

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.6113	0.9546	1.6675	2.9106
Xe-137	0.6492	0.3426	0.6483	1.3276
Xe-138	2.2784	1.5499	2.4556	3.7957
Y-81	2.0319	1.7205	2.0782	2.7243
Y-83	1.2674	0.8906	1.7622	2.2576
Y-83m	1.6641	1.2639	1.7150	2.2740
Y-84m	6.0302	3.3433	9.1441	11.0555
Y-85	1.4195	0.8425	1.7415	2.6371
Y-85m	1.4697	1.0094	1.8428	2.4877
Y-86	6.0279	3.5416	8.2132	11.5262
Y-86m	1.8760	1.4343	0.9816	1.7464
Y-87	1.9874	1.2577	2.4742	3.9064
Y-87m	1.5535	0.8566	1.3014	3.2579
Y-88	3.7144	2.3047	5.3356	7.2394
Y-89m	1.8605	1.0128	3.0404	3.2429
Y-90	0.0001	0.0001	0.0001	0.0001
Y-90m	3.6039	2.3553	2.5548	5.0158
Y-91	0.0048	0.0027	0.0083	0.0093
Y-91m	1.7538	0.9987	1.7034	3.4090
Y-92	0.4898	0.2710	0.7055	0.9250
Y-93	0.2467	0.1779	0.2672	0.3297
Y-94	1.4493	0.7985	2.2164	2.6164
Y-95	1.0466	0.6110	1.4116	1.9591
Yb-162	2.9635	2.3672	2.9172	3.3854
Yb-163	2.0692	1.4660	2.6229	2.9802
Yb-164	1.1210	0.8249	1.2419	1.1739
Yb-165	2.9037	2.2447	3.6854	3.6488
Yb-166	2.1083	1.5793	2.2844	2.1706
Yb-167	4.7763	3.6072	5.0065	5.8510
Yb-169	5.4504	4.2236	5.0135	5.7831
Yb-175	0.2771	0.1821	0.2463	0.4594
Yb-177	0.9284	0.7529	1.0616	1.1453
Yb-178	0.2075	0.1173	0.1734	0.4084
Yb-179	3.4396	2.0605	3.0964	6.5667
Zn-60	2.0169	1.3168	1.8903	3.4351
Zn-61	0.8010	0.4617	0.9013	1.6200
Zn-62	1.6438	1.0814	2.2572	3.2532
Zn-63	0.3187	0.1872	0.4614	0.6449
Zn-65	1.0743	0.7009	2.4577	2.4332
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.7845	0.9144	1.6999	3.8552
Zn-71	0.9808	0.5552	1.1234	1.7974
Zn-71m	5.5629	3.0865	5.2121	11.1513
Zn-72	2.0889	2.0069	2.7523	2.7830
Zr-85	1.6816	0.9115	1.7605	3.4709
Zr-86	2.8893	2.5972	3.4357	3.4431
Zr-87	0.1982	0.1461	0.3465	0.3865
Zr-88	2.2180	1.3151	2.2810	4.9576
Zr-89	2.1652	1.3312	3.6390	3.8666
Zr-89m	1.7631	1.0312	1.6302	3.5952
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.8103	1.0007	2.4784	3.3389
Zr-97	2.1511	1.2069	2.8905	3.9498

Table 10: Adobe 15 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.4593	0.3750	0.4589	0.5014	0.4192	0.3074	0.4302	0.4579
Ac-224	3.6683	3.3995	3.4459	3.6184	3.8238	3.0333	3.8230	3.5983
Ac-225	0.5896	0.5001	0.6303	0.6944	0.5657	0.4184	0.5875	0.5711
Ac-226	1.6857	1.5702	1.5911	1.5948	1.8111	1.4788	1.6545	1.6724
Ac-227	0.1621	0.1182	0.1667	0.1932	0.1292	0.0872	0.1353	0.1536
Ac-228	2.7327	2.5117	2.6132	2.5273	2.9955	2.3596	2.7216	3.5017
Ac-230	1.2309	1.1216	1.1884	1.1653	1.3565	1.0543	1.2154	1.6589
Ac-231	3.8370	3.5661	3.5769	3.3193	4.1001	3.3605	3.9207	4.0597
Ac-232	1.8601	1.6764	1.7346	1.7201	2.0457	1.6316	1.8849	2.6870
Ac-233	2.1934	2.0357	1.8612	1.7515	2.4725	1.8712	2.0523	2.9270
Ag-100m	3.0846	2.8584	2.5503	2.4037	3.5196	2.8604	3.0845	4.8062
Ag-101	2.8754	2.6826	2.5185	2.4116	3.2324	2.6756	2.7523	3.5187
Ag-102m	2.1321	1.9369	1.8223	1.7455	2.4111	1.9321	2.1308	3.1728
Ag-102	5.0535	4.6975	4.2553	4.0497	5.7918	4.6076	4.9404	7.4299
Ag-103	3.1904	2.9796	2.8801	3.0363	3.5465	2.7756	3.0780	3.1406
Ag-104	6.4475	5.9767	5.4952	5.4249	7.3500	5.7777	6.0812	8.7997
Ag-104m	2.8139	2.5955	2.4018	2.3660	3.2116	2.4812	2.6719	3.7161
Ag-105	3.8356	3.4460	3.4822	3.5016	4.2087	3.2702	3.5636	3.6813
Ag-105m	0.0734	0.0493	0.0649	0.0767	0.0518	0.0339	0.0551	0.0702
Ag-106	0.8670	0.7732	0.7747	0.8790	0.9670	0.7042	0.7327	0.7796
Ag-106m	8.1127	7.5472	7.0533	6.7742	9.2696	7.2058	7.6019	10.7796
Ag-108	0.0755	0.0679	0.0660	0.0705	0.0843	0.0635	0.0674	0.0816
Ag-108m	6.1828	5.7113	5.3992	5.1837	6.9990	5.3851	5.7219	7.8775
Ag-109m	0.6344	0.5528	0.6036	0.7631	0.6784	0.4870	0.5375	0.4022
Ag-110	0.0823	0.0767	0.0669	0.0636	0.0938	0.0746	0.0807	0.1201
Ag-110m	5.3870	5.0627	4.4701	4.1517	6.1922	5.0116	5.3348	8.4110
Ag-111	0.1647	0.1527	0.1535	0.1229	0.1805	0.1452	0.1673	0.1888
Ag-111m	0.3712	0.3155	0.3535	0.4435	0.3860	0.2783	0.3048	0.2487
Ag-112	1.2565	1.1697	1.0320	0.9595	1.4390	1.1556	1.2653	1.9261
Ag-113m	1.2275	1.1260	1.1278	0.9819	1.3382	1.0499	1.2206	1.4009
Ag-113	0.3570	0.3318	0.3212	0.2692	0.3923	0.3237	0.3688	0.4173
Ag-114	0.5861	0.5506	0.4895	0.4519	0.6768	0.5301	0.5748	0.8577
Ag-115	1.1777	1.1116	1.0308	0.9456	1.3297	1.1133	1.1509	1.5504
Ag-116	3.3705	3.1405	2.8604	2.6263	3.8790	3.0861	3.3590	5.0967
Ag-117	2.3195	2.1674	2.0741	1.8885	2.6098	2.0912	2.4328	3.0878
Ag-99	3.3864	3.1702	2.9651	2.7338	3.8130	3.2422	3.2980	4.5904
Al-26	1.5656	1.3960	1.3234	1.2414	1.7649	1.4917	1.6646	2.7063
Al-28	1.5172	1.3525	1.2821	1.2052	1.7126	1.4525	1.6124	2.6208
Al-29	1.5491	1.4705	1.3226	1.2184	1.8083	1.4634	1.6229	2.6392

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	4.2266	3.8663	4.0924	4.1233	4.3520	3.5336	4.2853	4.2824
Am-238	3.9422	3.6214	3.7356	3.8361	4.1667	3.3140	4.0167	4.5458
Am-239	4.8515	4.3761	4.7854	5.0989	4.8299	3.8882	4.9127	4.5672
Am-240	4.2931	3.9106	4.1488	4.3055	4.5434	3.5672	4.3023	4.9216
Am-241	1.1254	1.1375	1.0588	1.0555	1.2210	1.2358	1.1658	1.1560
Am-242	0.7878	0.6790	0.8232	0.9335	0.7766	0.5796	0.7318	0.6441
Am-242m	0.5786	0.4680	0.6224	0.7281	0.5505	0.3845	0.4833	0.4454
Am-243	1.4805	1.3387	1.2237	1.4373	1.6228	1.2236	1.6668	1.1984
Am-244	4.1492	3.6727	3.9410	4.2337	4.3846	3.3337	3.7700	4.4657
Am-244m	0.3104	0.2600	0.3267	0.3778	0.3090	0.2210	0.2659	0.2474
Am-245	0.5273	0.4844	0.5156	0.5412	0.5418	0.4449	0.5261	0.5009
Am-246	5.7037	5.0621	5.4234	5.8732	6.0030	4.5581	5.1441	5.6198
Am-246m	2.3135	2.1254	2.1000	2.0887	2.5713	2.0245	2.2374	3.1314
Am-247	1.8998	1.7544	1.8361	1.8785	1.9640	1.5952	1.9453	1.8244
Ar-37	0.0817	0.0523	0.0719	0.0865	0.0532	0.0336	0.0593	0.0791
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5146	1.4438	1.2928	1.1954	1.7748	1.4335	1.5815	2.5707
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9670	1.8339	1.6752	1.5285	2.2672	1.8496	2.0150	3.1864
Ar-44	2.9473	2.7414	2.5057	2.3373	3.3514	2.7555	2.9384	4.1213
As-68	3.8322	3.5764	3.2224	2.9687	4.4130	3.5876	3.9139	6.1494
As-69	0.7005	0.6244	0.6130	0.6013	0.7214	0.5875	0.6653	0.8249
As-70	5.1360	4.7815	4.3429	4.0206	5.8733	4.7388	5.1978	8.0649
As-71	2.9342	2.4756	2.5358	2.6226	2.8229	2.1110	2.5660	2.9710
As-72	1.8276	1.6633	1.5364	1.4737	2.0008	1.6169	1.7322	2.8049
As-73	3.0147	1.9763	2.6776	3.2142	2.0617	1.3283	2.2568	2.9140
As-74	1.8745	1.6154	1.5637	1.5706	1.9131	1.4509	1.7203	2.4777
As-76	1.1824	1.1169	0.9838	0.9075	1.3687	1.0635	1.1506	1.7001
As-77	0.0585	0.0558	0.0515	0.0476	0.0651	0.0568	0.0555	0.0677
As-78	2.3478	2.1975	1.9487	1.8002	2.6966	2.1640	2.3566	3.6307
As-79	0.1177	0.1106	0.1080	0.0887	0.1339	0.1042	0.1125	0.1623
At-204	8.3018	7.7107	7.1924	6.7405	9.2990	7.1429	8.1433	10.9625
At-205	3.9637	3.6037	3.4161	3.5036	4.2841	3.2611	4.1358	4.7915
At-206	8.2741	7.6923	7.2576	6.7458	9.2561	7.1817	8.1527	10.9415
At-207	6.1088	5.5840	5.2670	5.2579	6.6824	5.1820	6.3051	7.8271
At-208	9.1394	8.4369	7.7529	7.6604	10.1239	7.9209	9.2602	11.9945
At-209	8.8100	8.1283	7.5541	7.5882	9.6896	7.5335	8.8257	11.2576
At-210	7.0187	6.4617	6.2070	6.1578	7.7105	6.2669	7.2433	9.2145
At-211	0.9877	0.8640	0.8758	1.0004	0.9978	0.7102	1.0827	0.9082
At-215	0.0010	0.0009	0.0009	0.0008	0.0011	0.0008	0.0009	0.0012

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0501	0.0446	0.0435	0.0483	0.0514	0.0386	0.0552	0.0470
At-217	0.0021	0.0019	0.0018	0.0018	0.0022	0.0019	0.0021	0.0023
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.9010	2.7358	2.6398	2.3525	3.2015	2.7415	2.8172	3.3924
Au-186	4.5132	4.0877	3.7952	3.7637	4.8571	3.9658	4.4402	5.1694
Au-187	3.9691	3.3853	3.2905	3.5679	4.0293	3.2709	3.9858	4.5066
Au-190	5.5082	4.8730	4.6807	4.5114	5.8502	4.8668	5.7896	6.6630
Au-191	5.0455	4.3840	4.2271	4.4279	5.1871	4.2171	5.0431	5.3716
Au-192	5.1619	4.5334	4.3508	4.2539	5.4476	4.4692	5.4497	6.1327
Au-193	3.2293	2.7190	2.5948	2.9952	3.1918	2.6569	3.3098	2.9959
Au-193m	2.5060	2.1546	2.2557	2.3122	2.4600	2.1009	2.3601	2.6491
Au-194	4.2635	3.7247	3.5933	3.5747	4.4504	3.6223	4.4630	4.7620
Au-195	2.9933	2.3839	2.4292	2.9343	2.7409	2.2228	3.0182	2.7148
Au-195m	2.5321	2.1747	2.2811	2.3324	2.4876	2.1101	2.4067	2.6682
Au-196	4.1248	3.6157	3.6114	3.4101	4.2943	3.4286	4.2247	4.3710
Au-196m	5.3031	4.4275	4.5848	5.1101	5.0811	3.9036	5.1500	4.9998
Au-198	1.9683	1.8450	1.9253	1.4848	2.2264	1.6985	1.7962	2.6301
Au-198m	7.2806	6.4684	6.1399	6.4579	7.3592	6.0224	7.1119	7.1660
Au-199	1.4778	1.3275	1.2664	1.3117	1.5588	1.1963	1.4584	1.3644
Au-200	0.6571	0.6137	0.6032	0.5011	0.7411	0.5821	0.6590	0.9176
Au-200m	9.3674	8.7620	8.1913	7.4525	10.4567	8.4032	9.0337	11.7406
Au-201	0.2686	0.2248	0.2357	0.2473	0.2620	0.1948	0.2488	0.3060
Au-202	0.4382	0.4137	0.3932	0.3388	0.5041	0.3922	0.4226	0.6319
Ba-124	2.5946	2.2254	2.2015	2.3680	2.7165	2.0882	2.6182	2.6962
Ba-126	3.2152	2.8135	2.7507	2.8537	3.4173	2.7230	3.2058	3.6101
Ba-127	1.4540	1.2264	1.2217	1.3817	1.4886	1.1347	1.5083	1.4171
Ba-128	1.6219	1.3000	1.3727	1.5874	1.6075	1.2144	1.6647	1.4866
Ba-129	1.6765	1.3864	1.4184	1.6245	1.6933	1.2819	1.7038	1.6092
Ba-129m	6.0359	5.4147	5.1993	5.1259	6.5709	5.1143	5.8859	7.3582
Ba-131	4.2260	3.7519	3.6706	3.8120	4.5204	3.4577	4.2692	4.5517
Ba-131m	1.9017	1.6116	1.6077	1.7971	1.8160	1.4240	2.0631	1.8023
Ba-133	4.6514	3.9854	4.0339	4.0960	4.8433	3.6310	4.8396	4.6296
Ba-133m	1.5626	1.2116	1.3156	1.4839	1.4663	1.1022	1.5498	1.4818
Ba-135m	1.2909	1.0214	1.0676	1.2057	1.2617	0.9653	1.3239	1.2116
Ba-137m	1.6637	1.5320	1.3410	1.2835	1.8745	1.4891	1.6528	2.4206
Ba-139	0.5208	0.4846	0.4373	0.4260	0.5816	0.4441	0.5165	0.4762
Ba-140	1.3979	1.1947	1.2214	1.2524	1.4205	1.0547	1.3006	1.5774
Ba-141	3.5560	3.3182	3.0958	2.7684	3.9663	3.2093	3.5155	4.3253
Ba-142	3.0526	2.8218	2.6223	2.4582	3.4144	2.7731	3.0861	3.9825

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.2283	0.2169	0.2015	0.1760	0.2650	0.2006	0.2125	0.3071
Bi-197	4.4874	4.0359	3.8311	3.9423	4.8254	3.7561	4.6465	5.7006
Bi-200	9.5019	8.8018	8.4687	7.8308	10.5634	8.2655	9.3809	12.0025
Bi-201	4.5076	4.0542	3.8357	3.9576	4.8708	3.8188	4.6977	5.7681
Bi-202	8.3275	7.6742	7.2403	6.8349	9.2567	7.2381	8.3786	11.0086
Bi-203	5.5111	4.9675	4.6708	4.7597	5.9849	4.7578	5.7008	7.3105
Bi-204	8.2499	7.5630	7.1860	6.8483	9.1048	7.1596	8.3856	10.9346
Bi-205	4.3084	3.8350	3.6523	3.7823	4.6139	3.6208	4.4712	5.5291
Bi-206	9.9016	9.0883	8.4243	8.2445	10.9533	8.6129	9.9237	13.1128
Bi-207	5.0914	4.6390	4.2943	4.3390	5.5986	4.3114	5.2197	6.5095
Bi-208	2.7894	2.3587	2.4394	2.4822	2.8683	2.3393	3.0118	3.9125
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.9698	1.8179	1.7573	1.5775	2.1234	1.8182	2.0053	2.1649
Bi-211	0.3183	0.2890	0.2944	0.2461	0.3430	0.2654	0.3260	0.3601
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.4039	0.3309	0.3682	0.3887	0.3870	0.2917	0.3772	0.5101
Bi-213	0.6609	0.6185	0.6123	0.5241	0.7457	0.5635	0.6275	0.8488
Bi-214	2.2351	2.0769	1.8695	1.7361	2.5607	2.0676	2.2786	3.5032
Bi-215	1.4308	1.3154	1.2708	1.1801	1.5476	1.2396	1.4994	1.6104
Bi-216	3.0504	2.8770	2.6764	2.3582	3.5050	2.6765	2.8956	4.1422
Bk-245	4.0742	3.7645	3.9861	4.2081	4.1720	3.3820	4.1664	3.8341
Bk-246	4.2693	3.8635	4.0775	4.3280	4.4786	3.4980	4.1188	4.7375
Bk-247	1.9851	1.8627	1.7762	1.8262	2.1073	1.7153	2.1214	1.9121
Bk-248m	0.9602	0.8615	0.9540	1.0491	0.9783	0.7465	0.9308	0.8630
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.9208	1.7767	1.7382	1.7053	2.1732	1.6937	1.8842	2.6295
Bk-251	2.1339	1.9568	2.1457	2.3352	2.1884	1.6756	2.1268	1.8560
Br-72	3.2967	3.0721	2.8392	2.6085	3.7545	3.0241	3.2749	5.1279
Br-73	2.0327	1.8521	1.7130	1.7071	2.2319	1.8697	2.1333	2.4193
Br-74	3.5637	3.2561	3.0662	2.8110	4.0194	3.3499	3.7525	5.7464
Br-74m	4.5321	4.1784	3.7967	3.5358	5.1325	4.1796	4.6218	7.1418
Br-75	2.8212	2.5803	2.5934	2.2890	3.0151	2.4874	2.8269	3.2565
Br-76	3.7860	3.4113	3.2858	3.1367	4.1665	3.2839	3.7628	5.5962
Br-76m	1.9523	1.5738	2.0630	2.3364	1.9627	1.3614	2.0903	1.9208
Br-77	2.6069	2.2151	2.4481	2.5064	2.5637	1.9855	2.4150	3.0374
Br-77m	0.9128	0.7476	1.0082	1.1227	0.8331	0.6138	0.9719	0.9864
Br-78	0.3301	0.2906	0.2861	0.2861	0.3480	0.2664	0.3183	0.4481
Br-80	0.2138	0.1852	0.1881	0.1912	0.2204	0.1678	0.2049	0.2863
Br-80m	1.8841	1.4509	1.9870	2.2542	1.7552	1.2080	2.0346	1.8813

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.7270	0.5615	0.8537	0.9706	0.6466	0.4440	0.7481	0.8015
Br-82	5.7641	5.4352	4.7943	4.4511	6.6360	5.3189	5.6442	8.7953
Br-83	0.0280	0.0265	0.0236	0.0217	0.0324	0.0247	0.0265	0.0382
Br-84m	5.2191	4.8962	4.6590	4.0327	5.9996	4.7956	5.0788	7.9640
Br-84	1.7656	1.6306	1.5142	1.3768	2.0213	1.6820	1.8359	2.9709
Br-85	0.1208	0.1139	0.1020	0.0941	0.1388	0.1135	0.1186	0.1906
C-10	1.7042	1.6007	1.3934	1.3034	1.9452	1.5777	1.6530	2.6402
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1460	0.0934	0.1284	0.1545	0.0951	0.0601	0.1059	0.1413
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3957	1.3283	1.1907	1.0985	1.6305	1.3109	1.4307	2.3064
Ca-49	1.4228	1.2548	1.3024	1.1219	1.6278	1.4320	1.6940	2.7730
Cd-101	3.5691	3.2879	3.1041	3.1642	3.9228	3.1786	3.6191	4.5236
Cd-102	3.6191	3.3635	3.2847	3.3518	4.0984	3.1080	3.3497	4.0216
Cd-103	3.0896	2.8018	2.7773	2.9229	3.4772	2.7352	2.9729	3.8699
Cd-104	2.8146	2.5577	2.4894	2.9645	3.1160	2.2978	2.6655	2.3051
Cd-105	2.2143	2.0033	2.0021	2.1289	2.4830	1.9299	2.0963	2.6117
Cd-107	1.8402	1.6119	1.7759	2.2580	1.9952	1.4342	1.5337	1.1248
Cd-109	1.7219	1.5052	1.6622	2.1192	1.8667	1.3363	1.4296	1.0427
Cd-111m	2.9354	2.7988	2.6939	2.6747	3.2780	2.8343	2.7581	2.9366
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0013	0.0012	0.0012	0.0014	0.0014	0.0011	0.0012	0.0011
Cd-115	0.8817	0.8359	0.7594	0.7121	1.0206	0.7838	0.8344	1.1507
Cd-115m	0.0557	0.0530	0.0476	0.0434	0.0650	0.0520	0.0561	0.0879
Cd-117	2.4093	2.2585	2.1468	1.9062	2.7232	2.2395	2.4340	3.3092
Cd-117m	2.6577	2.4693	2.2608	2.0672	3.0476	2.4733	2.7311	4.2574
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.8502	2.6404	2.5253	2.2341	3.2004	2.6308	2.9693	3.9935
Cd-119m	3.1004	2.8874	2.6665	2.4302	3.5508	2.8858	3.1828	4.9153
Ce-130	3.8886	3.3744	3.3157	3.4777	4.0553	3.1050	4.1218	3.9617
Ce-131	4.3811	3.9063	3.8204	3.7091	4.7324	3.6655	4.3532	5.2781
Ce-132	3.5902	3.1324	2.9861	3.0931	3.7993	2.9109	3.5689	3.3971
Ce-133	3.3393	2.7256	2.6729	3.0356	3.2867	2.4644	3.6323	3.0764
Ce-133m	6.2664	5.5409	5.2841	5.2901	6.8244	5.2697	6.4062	7.5994
Ce-134	1.3739	1.0243	1.0977	1.3111	1.3049	0.9215	1.4604	1.1774
Ce-135	4.7171	4.1438	3.9821	3.9200	5.0384	3.9931	4.7599	5.4222
Ce-137	1.6597	1.2200	1.3501	1.6013	1.5166	1.0616	1.6826	1.4700
Ce-137m	1.2664	0.9902	1.0346	1.1526	1.2396	0.9240	1.3338	1.1374
Ce-139	2.9265	2.4935	2.4087	2.5635	3.0556	2.2640	2.9794	2.5943

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	1.1537	1.0723	1.0030	1.0099	1.2664	0.9503	1.2559	1.0386
Ce-143	2.5060	2.1259	2.1068	2.0919	2.6286	2.0399	2.6669	2.5110
Ce-144	0.3686	0.3316	0.3194	0.3403	0.3910	0.2888	0.4204	0.3298
Ce-145	3.8660	3.3178	3.1737	3.2193	4.1246	3.1893	4.0149	4.4623
Cf-244	0.2045	0.1680	0.2202	0.2592	0.2004	0.1404	0.1693	0.1484
Cf-246	0.1407	0.1155	0.1511	0.1779	0.1379	0.0966	0.1164	0.1019
Cf-247	3.1231	2.7569	3.1749	3.5438	3.1064	2.3397	2.9894	2.6442
Cf-248	0.1686	0.1386	0.1809	0.2130	0.1654	0.1159	0.1396	0.1225
Cf-249	2.2473	2.0504	2.2390	1.9284	2.4333	1.8624	2.1053	2.5761
Cf-250	0.1469	0.1228	0.1540	0.1770	0.1469	0.1052	0.1249	0.1192
Cf-251	2.4305	2.2124	2.3661	2.5449	2.4964	1.9549	2.3909	2.1725
Cf-252	0.9780	0.9006	0.8779	0.8311	1.0926	0.8702	0.9669	1.3013
Cf-253	0.4711	0.3857	0.4958	0.5839	0.4513	0.3174	0.3814	0.3452
Cf-254	31.2490	29.2399	27.2239	24.6002	35.5583	28.7627	31.6641	44.4470
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7773	1.6624	1.5546	1.4428	2.0191	1.6416	1.9310	2.5559
Cl-36	0.0012	0.0007	0.0010	0.0012	0.0008	0.0005	0.0008	0.0011
Cl-38	1.1299	1.0009	0.9579	0.8893	1.2665	1.0803	1.2116	1.9691
Cl-39	2.3758	2.2543	2.0722	1.8940	2.7204	2.3632	2.3903	3.5515
Cl-40	2.9415	2.6636	2.5447	2.3136	3.3549	2.8547	3.1891	5.1626
Cm-238	1.9038	1.7490	1.8845	2.0336	1.9078	1.5233	2.0023	1.7474
Cm-239	3.9552	3.7067	3.7107	3.8587	4.1678	3.3229	3.9628	3.7007
Cm-240	0.2195	0.1833	0.2486	0.2868	0.2175	0.1535	0.1913	0.1699
Cm-241	5.1689	4.6864	5.0352	5.1757	5.3998	4.1274	4.9890	5.3726
Cm-242	0.1970	0.1645	0.2232	0.2575	0.1953	0.1378	0.1717	0.1525
Cm-243	2.5003	2.2213	2.4556	2.6057	2.4761	1.9848	2.4497	2.3705
Cm-244	0.1691	0.1412	0.1916	0.2211	0.1676	0.1182	0.1474	0.1310
Cm-245	2.4961	2.2679	2.4815	2.6697	2.4979	1.9810	2.5732	2.2987
Cm-246	0.1416	0.1189	0.1586	0.1815	0.1413	0.1005	0.1243	0.1139
Cm-247	1.6248	1.5249	1.6150	1.2372	1.8230	1.4093	1.4976	2.1270
Cm-248	2.5627	2.3852	2.2656	2.0832	2.8974	2.3307	2.5786	3.5626
Cm-249	0.3188	0.2264	0.2797	0.3199	0.2430	0.1662	0.2513	0.3338
Cm-250	24.6664	23.0761	21.4974	19.4321	28.0657	22.6995	24.9938	35.0726
Cm-251	0.6352	0.5900	0.5845	0.5715	0.6969	0.5355	0.6148	0.7460
Co-54m	4.9726	4.6894	4.4984	3.8347	5.7486	4.5619	4.9243	7.6781
Co-55	2.3621	2.1935	2.0279	1.8752	2.6716	2.1197	2.3144	3.5774
Co-56	4.4935	4.0618	3.8378	3.6402	4.9409	4.0064	4.4684	7.1848
Co-57	2.7422	2.4064	2.5938	2.8147	2.5658	1.9283	2.8053	2.7035
Co-58	2.2070	1.9318	1.8621	1.8586	2.2767	1.8137	1.9861	3.2250

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.5850	0.3747	0.5148	0.6193	0.3813	0.2410	0.4245	0.5663
Co-60	3.0858	2.9373	2.6352	2.4265	3.6170	2.9189	3.2172	5.1707
Co-60m	0.6725	0.4385	0.5876	0.7074	0.4541	0.2967	0.5003	0.6495
Co-61	1.3703	1.2173	0.9432	1.1835	1.5043	1.3752	1.6027	1.1681
Co-62	1.8077	1.7045	1.5472	1.4100	2.1051	1.7062	1.8993	3.0323
Co-62m	3.2186	3.0411	2.7473	2.5159	3.7533	3.0315	3.3633	5.3754
Cr-48	3.9577	3.6576	3.5774	3.2852	4.0643	3.3027	4.3187	4.1347
Cr-49	1.6305	1.5384	1.3018	1.3725	1.7581	1.4398	1.8303	1.4796
Cr-51	0.5339	0.3970	0.4763	0.4956	0.4344	0.3079	0.4595	0.5408
Cr-55	0.0007	0.0006	0.0006	0.0005	0.0008	0.0006	0.0007	0.0011
Cr-56	2.3316	2.1417	1.9595	2.3091	2.4881	1.8094	2.5407	1.9679
Cs-121	1.4376	1.3320	1.2552	1.2082	1.5964	1.2622	1.4266	1.6081
Cs-121m	2.6730	2.4703	2.3149	2.2367	2.9590	2.3462	2.5641	2.9679
Cs-123	2.1556	1.9214	1.8343	1.9230	2.2845	1.7946	2.2388	2.4021
Cs-124	0.8068	0.7325	0.7387	0.6375	0.8863	0.6888	0.8126	1.0023
Cs-125	1.9904	1.7616	1.7271	1.8090	2.1456	1.6309	1.9996	2.2713
Cs-126	1.3792	1.2580	1.2975	1.1147	1.5291	1.1710	1.3181	1.7591
Cs-127	3.1393	2.7839	2.8933	2.8307	3.3779	2.5489	3.0945	3.5020
Cs-128	1.0740	0.9560	0.9668	0.9445	1.1736	0.8823	1.0393	1.2666
Cs-129	3.0557	2.6090	2.7661	2.8601	3.2024	2.3898	3.0535	3.1409
Cs-130m	2.3964	1.9640	1.9576	2.3427	2.4095	1.7217	2.5266	2.0826
Cs-130	0.8179	0.6699	0.7072	0.8451	0.8333	0.6129	0.8334	0.7655
Cs-131	1.2555	1.0029	1.0906	1.3493	1.2497	0.9089	1.2879	1.0744
Cs-132	3.0153	2.6525	2.5172	2.6784	3.2629	2.5195	3.0236	3.7249
Cs-134	3.9888	3.7534	3.2867	3.0628	4.5717	3.6555	3.8557	6.0151
Cs-134m	1.0425	0.8222	0.9126	1.0724	0.9531	0.6853	1.0300	0.9613
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.3803	3.1803	2.8180	2.6454	3.8545	3.1621	3.2319	5.3648
Cs-136	5.1059	4.7846	4.3812	3.9806	5.7922	4.6599	5.1441	7.2058
Cs-137	2.3698	2.3495	2.2247	2.2487	2.5915	2.6277	2.5178	2.4835
Cs-138m	1.8424	1.5958	1.5723	1.6418	1.9503	1.4932	1.8185	2.0864
Cs-138	3.3219	3.0945	2.8785	2.5975	3.8244	3.0856	3.3660	5.1840
Cs-139	0.3208	0.2973	0.2730	0.2507	0.3687	0.3028	0.3355	0.5360
Cs-140	2.2625	2.0890	1.8967	1.7430	2.5883	2.1027	2.3240	3.6005
Cu-57	0.1629	0.1545	0.1392	0.1269	0.1901	0.1530	0.1684	0.2658
Cu-59	0.8801	0.8241	0.7734	0.6799	1.0017	0.7957	0.8759	1.3067
Cu-60	3.1784	2.9278	2.7118	2.5211	3.6276	2.9844	3.2930	5.3232
Cu-61	0.9721	0.8170	0.8349	0.8376	0.9455	0.7480	0.9008	1.1577
Cu-62	0.0270	0.0201	0.0235	0.0259	0.0224	0.0161	0.0224	0.0325
Cu-64	0.3572	0.2308	0.3141	0.3762	0.2363	0.1509	0.2614	0.3511

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1536	0.1465	0.1315	0.1187	0.1808	0.1443	0.1588	0.2446
Cu-67	1.3991	1.2964	1.1677	1.1750	1.4706	1.1743	1.3481	1.3583
Cu-69	0.9841	0.9326	0.8332	0.7614	1.1451	0.9150	0.9848	1.5255
Dy-148	3.0359	2.6685	2.5177	2.5587	3.3682	2.4960	3.0682	3.6316
Dy-149	4.5423	3.9966	3.8683	3.9295	4.9744	3.8101	4.6749	5.5224
Dy-150	2.0714	1.8261	1.9640	1.7256	2.2807	1.6551	1.9805	2.3466
Dy-151	4.5782	4.0502	3.9842	3.8941	5.0358	3.7827	4.4912	5.6159
Dy-152	3.1628	2.8237	2.8073	2.7450	3.4353	2.8582	3.1185	3.2150
Dy-153	5.5268	4.8073	4.7605	4.8884	6.0084	4.4674	5.6347	5.7060
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.7663	3.3563	3.2405	3.2724	4.1486	3.2457	3.7104	4.0230
Dy-157	3.3355	2.8882	2.9759	2.7535	3.5788	2.6308	3.5111	3.2742
Dy-159	1.6102	1.2842	1.3802	1.5626	1.7003	1.1401	1.6636	1.3146
Dy-165m	0.5509	0.4107	0.4829	0.5510	0.4667	0.3211	0.4774	0.5297
Dy-165	0.2774	0.2423	0.2399	0.2559	0.2987	0.2218	0.2825	0.2750
Dy-166	1.2738	1.0454	1.0945	1.2649	1.3143	0.9038	1.2487	1.1085
Dy-167	2.9061	2.6769	2.5372	2.3635	3.2335	2.6061	2.8744	3.4357
Dy-168	2.6898	2.4480	2.3463	2.2860	2.9953	2.2553	2.5347	3.0257
Er-154	1.9502	1.6027	1.7780	2.1116	2.0290	1.4099	1.8645	1.6537
Er-156	2.7132	2.0693	2.3521	2.7407	2.5568	1.7445	2.5215	2.4072
Er-159	3.5787	3.1915	3.0461	3.1098	3.9840	3.0291	3.5128	4.2609
Er-161	3.7458	3.3192	3.2200	3.3282	4.1331	3.1479	3.6230	4.5262
Er-163	1.2859	1.0536	1.1330	1.3131	1.3927	0.9492	1.2574	1.0895
Er-165	1.2490	1.0205	1.1004	1.2765	1.3465	0.9169	1.2178	1.0584
Er-167m	1.1815	1.0557	1.0170	1.0656	1.2522	0.9922	1.0398	1.1687
Er-169	0.0169	0.0108	0.0148	0.0179	0.0110	0.0070	0.0123	0.0163
Er-171	3.3605	3.0455	3.0354	2.8474	3.5963	2.8394	3.5071	3.4609
Er-172	2.9900	2.6935	2.6727	2.5908	3.3506	2.5310	2.8395	3.5351
Er-173	4.5920	4.2886	3.9678	4.0617	5.0851	4.0303	4.4382	5.1080
Es-249	3.6863	3.4177	3.6251	3.6245	3.8999	3.0209	3.6696	3.7613
Es-250	10.7865	9.7080	10.5920	11.2943	11.2141	8.5835	10.2615	10.4310
Es-250m	3.0943	2.8678	2.9928	3.1750	3.2795	2.5504	3.1266	3.1850
Es-251	2.7502	2.4896	2.8188	3.1007	2.7869	2.1170	2.6958	2.3526
Es-253	0.0573	0.0467	0.0605	0.0706	0.0550	0.0386	0.0475	0.0437
Es-254	2.0725	1.6478	2.1720	2.5415	1.9069	1.3377	1.7086	1.6349
Es-254m	1.9237	1.7365	1.7302	1.8055	2.0919	1.6127	1.7846	2.3231
Es-255	0.0013	0.0012	0.0011	0.0010	0.0014	0.0012	0.0013	0.0018
Es-256	0.2857	0.2393	0.3002	0.3578	0.2834	0.2010	0.2334	0.2011
Eu-142	0.4341	0.3839	0.3597	0.3488	0.4788	0.3808	0.4471	0.6221
Eu-142m	6.2522	5.7937	5.2438	4.9209	7.0745	5.5675	6.1151	9.1405

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.8154	0.6872	0.6762	0.6813	0.8699	0.6567	0.8895	0.9782
Eu-144	0.3639	0.3020	0.3005	0.3041	0.3877	0.2974	0.3951	0.4525
Eu-145	3.3618	2.8940	2.7753	2.7558	3.6410	2.7649	3.5457	4.1886
Eu-146	5.9535	5.3314	4.8896	4.7049	6.6075	5.1581	6.0700	8.1935
Eu-147	3.3514	2.8660	2.7837	2.8693	3.5422	2.6132	3.6034	3.3239
Eu-148	7.4370	6.7424	6.1975	5.8388	8.3449	6.3827	7.4698	9.8091
Eu-149	1.7948	1.3751	1.4855	1.5978	1.7449	1.1966	1.9169	1.4871
Eu-150	7.1366	6.4171	6.2751	5.5252	7.8645	5.9610	7.2350	8.6489
Eu-150m	0.3042	0.2571	0.2661	0.2449	0.3210	0.2337	0.3221	0.3134
Eu-152	4.1098	3.6538	3.5500	3.4029	4.4625	3.4152	4.3887	4.8607
Eu-152m	1.1224	0.9802	0.9469	0.9404	1.2101	0.9115	1.2017	1.3111
Eu-152n	1.9704	1.6549	1.6092	1.7933	1.8627	1.3787	2.0742	1.7773
Eu-154	3.2387	3.0400	2.8166	2.7359	3.6374	2.8727	3.4054	4.3295
Eu-154m	2.3970	1.8941	1.9344	2.2459	2.2066	1.7053	2.4541	2.1244
Eu-155	1.3112	1.1616	1.0772	1.1728	1.3371	1.0149	1.4676	1.1769
Eu-156	1.9804	1.8046	1.6633	1.5968	2.2146	1.7586	2.0414	2.9321
Eu-157	2.7568	2.3328	2.3705	2.3873	2.9088	2.1930	2.7812	2.8149
Eu-158	2.6611	2.4259	2.2359	2.1622	2.9833	2.3229	2.7062	3.7598
Eu-159	2.8108	2.3919	2.3060	2.5123	3.0162	2.2174	3.0121	2.6399
F-17	0.0006	0.0005	0.0005	0.0004	0.0007	0.0005	0.0006	0.0009
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	2.0084	1.8736	1.7082	1.6489	2.1976	1.6880	1.8902	1.8731
Fe-53	0.8541	0.7912	0.8363	0.6319	0.9479	0.7297	0.8106	1.0986
Fe-53m	4.6543	4.3855	3.9089	3.5992	5.3912	4.3594	4.7399	7.4746
Fe-55	0.4850	0.3104	0.4267	0.5133	0.3158	0.1996	0.3518	0.4696
Fe-59	1.6410	1.5683	1.4034	1.2858	1.9249	1.5446	1.7004	2.6610
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.3003	2.1750	1.9962	1.7907	2.6437	2.1426	2.4080	3.4433
Fe-62	2.2428	2.1355	1.9051	1.7440	2.6182	1.9800	2.1078	3.0219
Fm-251	2.6198	2.3722	2.5780	2.7948	2.6463	2.0142	2.5829	2.3915
Fm-252	0.1478	0.1230	0.1568	0.1856	0.1463	0.1033	0.1204	0.1037
Fm-253	2.3524	2.0695	2.4211	2.7231	2.3515	1.7500	2.1642	1.9100
Fm-254	0.1619	0.1360	0.1693	0.1974	0.1621	0.1160	0.1344	0.1228
Fm-255	1.6059	1.3233	1.7294	2.0152	1.5454	1.0919	1.3276	1.2023
Fm-256	23.2676	21.7730	20.2739	18.3300	26.4684	21.4069	23.5642	33.0638
Fm-257	2.7839	2.5191	2.7579	3.0163	2.8624	2.2143	2.6696	2.4242
Fr-212	4.1401	3.8041	3.7716	3.8377	4.4379	3.5039	4.2625	4.9299
Fr-219	0.0233	0.0216	0.0212	0.0187	0.0257	0.0196	0.0235	0.0268
Fr-220	0.3431	0.2901	0.3397	0.3792	0.3317	0.2378	0.3541	0.3289
Fr-221	0.3037	0.2861	0.2695	0.2680	0.3304	0.2754	0.2901	0.3150

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.9345	1.7939	1.8620	1.9176	2.0461	1.6512	1.8586	1.9745
Fr-223	1.3427	1.1955	1.3649	1.5247	1.4851	1.0562	1.3469	1.2282
Fr-224	2.0773	1.9563	1.9164	1.8895	2.2823	1.8508	2.0732	2.4824
Fr-227	3.3860	3.1224	2.9952	3.0463	3.6113	2.8648	3.5777	3.6897
Ga-64	2.3109	2.1327	1.9910	1.8110	2.6510	2.1938	2.4329	3.8890
Ga-65	2.1406	1.9016	1.8661	1.9921	2.1096	1.6904	2.1935	2.2507
Ga-66	1.9591	1.6661	1.7140	1.6579	2.0136	1.6232	1.9555	3.0337
Ga-67	2.9378	2.3459	2.5367	2.7204	2.5459	1.9131	2.6341	2.9221
Ga-68	0.1764	0.1309	0.1537	0.1704	0.1450	0.1031	0.1458	0.2081
Ga-70	0.0206	0.0182	0.0177	0.0174	0.0215	0.0166	0.0193	0.0264
Ga-72	3.6828	3.4098	3.0867	2.8510	4.1888	3.4546	3.6984	5.9772
Ga-73	3.6741	2.9646	3.2916	3.2616	3.3597	2.5691	3.3623	3.8714
Ga-74	4.2294	3.9031	3.5387	3.2487	4.8293	3.9110	4.3168	6.6536
Gd-142	1.9163	1.6894	1.6187	1.5755	2.0971	1.6032	1.9740	2.1928
Gd-143m	5.0515	4.5216	4.3464	4.1148	5.5232	4.4353	5.1899	6.0538
Gd-144	1.3158	1.0917	1.1092	1.1082	1.3922	1.0235	1.4179	1.4312
Gd-145m	2.1215	1.8719	1.7906	1.7640	2.2495	1.7529	2.0102	2.8774
Gd-145	2.7869	2.3923	2.3484	2.2985	3.0472	2.3952	2.9918	3.8884
Gd-146	5.4489	4.6916	4.6518	4.8901	5.6967	4.1334	6.0708	4.6868
Gd-147	6.0221	5.4189	5.2447	4.8660	6.6355	5.2125	5.9955	7.2031
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	4.4656	3.9051	3.8483	3.7081	4.8126	3.5792	4.7129	4.4378
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	2.0339	1.5946	1.7086	1.8616	2.0093	1.3904	2.0930	1.6952
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.9715	2.4343	2.4527	2.6483	2.9821	2.1647	3.3200	2.5079
Gd-159	0.5806	0.4969	0.5200	0.5054	0.6295	0.4559	0.5912	0.5716
Gd-162	2.2082	2.0242	2.0992	1.7069	2.4413	1.8417	2.0245	2.8557
Ge-66	3.9507	3.2759	3.4973	3.5066	3.8086	2.8713	3.6382	4.2491
Ge-67	2.0937	1.9774	1.7808	1.6778	2.3547	1.8401	2.0292	2.2550
Ge-68	1.1869	0.7609	1.0469	1.2588	0.7751	0.4902	0.8637	1.1504
Ge-69	2.1574	1.7608	1.8609	1.9354	2.0362	1.5248	1.9196	2.8152
Ge-71	1.2038	0.7718	1.0618	1.2768	0.7861	0.4971	0.8760	1.1668
Ge-75	0.2557	0.2435	0.2301	0.2017	0.2828	0.2559	0.2466	0.2914
Ge-77	4.2850	4.0641	3.7821	3.3517	4.8216	4.0403	4.0639	5.4254
Ge-78	1.9697	1.8543	1.7874	1.5105	2.1593	1.9090	1.9794	2.2138
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.3010	2.0144	2.0114	1.9479	2.4447	1.9199	2.3821	2.2595
Hf-169	3.6459	3.2708	3.1196	3.1881	4.0418	3.1059	3.4942	4.1406
Hf-170	4.4975	3.9003	3.8133	4.1526	4.7058	3.6534	4.3666	4.5566

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	3.6979	3.0102	3.1861	3.8337	3.6240	2.7654	3.5054	3.2513
Hf-173	4.9766	4.5530	4.4268	4.6312	5.3481	4.2418	5.3017	4.8264
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.5226	3.0593	3.1187	3.0630	3.7386	2.9160	3.5159	3.5813
Hf-177m	19.3598	17.5408	16.9896	16.1196	20.6693	16.9701	19.1170	20.5026
Hf-178m	14.7098	13.4548	12.7785	11.9839	15.9304	12.6729	14.1433	16.9895
Hf-179m	8.2286	7.3828	7.2822	7.0945	8.7669	6.9488	7.9591	8.8070
Hf-180m	7.4550	6.7536	6.5553	6.1196	8.0561	6.4507	7.2199	8.2646
Hf-181	3.7871	3.4980	3.3420	3.2458	4.1473	3.1987	3.7598	4.3416
Hf-182	2.0603	1.9076	1.8286	1.6796	2.2275	1.9637	2.0410	2.2179
Hf-182m	6.2304	5.5652	5.3675	5.3470	6.6422	5.3185	6.0820	6.8943
Hf-183	3.0728	2.8130	2.5139	2.5324	3.4205	2.7587	3.0764	3.8512
Hf-184	4.1768	3.3747	3.6855	3.9267	3.8380	2.8367	3.8742	4.0664
Hg-190	4.2052	3.6551	3.5611	3.9880	4.2207	3.2959	4.3796	3.8564
Hg-191m	7.3583	6.5453	6.2880	6.2863	7.7464	6.3766	7.2520	8.5446
Hg-192	4.4356	3.7800	3.7396	4.0710	4.3899	3.5821	4.5055	4.2698
Hg-193	4.3526	3.7455	3.6509	3.9273	4.4313	3.5500	4.3647	4.7800
Hg-193m	4.2686	3.7782	3.6306	3.6543	4.5270	3.5921	4.2705	5.0894
Hg-194	0.6098	0.4115	0.5836	0.6897	0.4344	0.2822	0.4886	0.6090
Hg-195	2.8634	2.3322	2.3682	2.7812	2.7211	2.1532	2.8710	2.7757
Hg-195m	3.4594	2.7667	3.0668	3.4095	3.1511	2.4532	3.2405	3.5045
Hg-197	2.6049	2.1011	2.1342	2.5683	2.4360	1.8714	2.6513	2.3446
Hg-197m	2.4411	2.0350	2.1778	2.4529	2.2910	1.7332	2.4498	2.3298
Hg-199m	3.0531	2.6447	2.6147	2.7876	3.1000	2.3612	3.0670	2.8630
Hg-203	1.9270	1.7807	1.7229	1.5438	2.0755	1.7902	1.9624	2.0903
Hg-205	0.0559	0.0520	0.0468	0.0483	0.0605	0.0495	0.0522	0.0559
Hg-206	0.9201	0.8295	0.8102	0.7294	0.9764	0.7816	0.9789	0.9742
Hg-207	4.7716	4.3559	4.2004	3.7599	5.3217	4.2725	4.9567	6.7173
Ho-150	2.6148	2.4313	2.1766	2.0755	2.9753	2.3792	2.5269	3.8969
Ho-153	3.2590	2.9267	2.8532	2.6972	3.5787	2.8057	3.3449	3.6179
Ho-153m	3.7492	3.3838	3.3047	3.2064	4.1065	3.1644	3.7293	4.1114
Ho-154m	8.7273	8.0683	7.9224	6.7777	9.8323	7.5176	8.4993	11.1055
Ho-154	4.2831	3.9128	3.8262	3.3325	4.7734	3.6906	4.3424	5.3755
Ho-155	3.1511	2.7317	2.7596	2.8343	3.3730	2.5276	3.1216	3.1983
Ho-156	5.5287	5.0830	4.8884	4.6867	6.1517	4.9138	5.6436	6.6430
Ho-157	4.6994	4.0912	4.1107	4.2092	5.1095	3.8103	4.7207	4.6762
Ho-159	4.9833	4.4205	4.4113	4.6400	5.3997	4.0290	5.2013	4.7021
Ho-160	5.6713	5.0945	4.7820	4.8050	6.3078	4.8251	5.6109	7.1945
Ho-161	2.1849	1.8042	1.9734	2.3038	2.2709	1.5800	2.1456	1.8363
Ho-162	1.8020	1.4692	1.5505	1.7603	1.8982	1.2954	1.8073	1.5896

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	3.5383	3.0026	3.0489	3.2494	3.7045	2.7304	3.4173	3.6403
Ho-163	0.0195	0.0125	0.0171	0.0206	0.0127	0.0080	0.0141	0.0188
Ho-164	1.0108	0.8147	0.8732	1.0033	1.0547	0.7185	1.0071	0.8533
Ho-164m	2.1611	1.6415	1.8772	2.2038	2.0353	1.3836	1.9808	1.8997
Ho-166	0.4236	0.3408	0.3585	0.4188	0.4094	0.2818	0.3991	0.3924
Ho-166m	6.4322	5.9470	5.4786	5.2465	7.1485	5.6802	6.1260	8.1110
Ho-167	2.5771	2.3356	2.3698	2.0318	2.8071	2.1632	2.5872	2.8487
Ho-168	2.4550	2.2406	2.0511	2.0239	2.7096	2.1438	2.3394	3.4292
Ho-168m	0.4886	0.3495	0.4300	0.5095	0.4069	0.2682	0.4063	0.4479
Ho-170	5.5045	5.0737	4.7505	4.6293	6.1307	4.8971	5.3892	7.0097
I-118m	7.4939	7.0368	6.2489	5.8261	8.6028	6.7797	7.4461	10.8577
I-118	2.6074	2.4403	2.1716	2.0383	2.9911	2.3572	2.5885	3.7965
I-119	2.7318	2.5458	2.4878	2.4288	3.0024	2.6181	2.6657	3.0099
I-120	3.2430	2.9857	2.7712	2.6664	3.6900	2.9356	3.2751	4.7237
I-120m	6.7133	6.2782	5.6136	5.2948	7.7069	6.0511	6.6542	9.6932
I-121	2.9940	2.7710	2.6689	2.8526	3.2945	2.6603	2.8246	2.9982
I-122	0.7134	0.6512	0.6247	0.6586	0.7972	0.6107	0.7014	0.8643
I-123	2.9742	2.7330	2.6736	2.8924	3.2957	2.4773	2.9715	2.5974
I-124	2.6513	2.4081	2.3006	2.4176	2.9557	2.3026	2.6508	3.3703
I-125	2.3711	2.0364	2.2394	2.7788	2.4950	1.8395	2.3950	1.9560
I-126	2.0337	1.8592	1.8692	1.7956	2.2574	1.7381	1.9700	2.5022
I-128	0.3795	0.3519	0.3528	0.3242	0.4284	0.3239	0.3573	0.4692
I-129	1.3115	1.0449	1.1285	1.3807	1.3126	0.9489	1.3706	1.1064
I-130m	0.7304	0.6334	0.6353	0.6875	0.7681	0.5723	0.6969	0.8251
I-130	6.2126	5.8553	5.2348	4.7558	7.1409	5.6168	5.9774	9.0665
I-131	2.1623	2.1617	2.0375	2.0444	2.3496	2.3854	2.2829	2.2302
I-132	5.1439	4.8355	4.2544	3.9502	5.8945	4.7425	5.0330	7.8512
I-132m	1.7576	1.5455	1.5065	1.6124	1.8542	1.4251	1.6679	2.0268
I-133	2.1784	2.0664	1.8367	1.6874	2.5310	1.9426	2.0789	3.0252
I-134m	3.0966	2.7627	2.7927	2.8735	3.3193	2.7211	3.1216	3.1145
I-134	5.1953	4.9024	4.4047	4.0450	5.9776	4.8244	5.1133	8.0067
I-135	2.1720	2.0397	1.8635	1.7003	2.5121	2.0399	2.2252	3.4729
In-103	3.6467	3.4326	3.1198	2.9508	4.1617	3.3738	3.5509	5.0308
In-105	3.3905	3.2335	3.0211	2.9877	3.8438	3.0937	3.4519	4.2306
In-106	6.2626	5.9016	5.2579	4.9306	7.2221	5.7560	6.1769	9.2683
In-106m	2.7834	2.5625	2.3169	2.1903	3.1689	2.5697	2.8402	4.2911
In-107	3.3004	3.0739	2.9440	2.9685	3.7213	2.9621	3.1314	3.9017
In-108	8.2113	7.7032	7.0778	6.7822	9.3849	7.6017	8.0988	11.5784
In-108m	3.0370	2.7829	2.6281	2.5976	3.4479	2.7752	3.0846	4.3969
In-109	3.3956	3.1849	3.0435	3.2491	3.8206	3.0191	3.1054	3.4543

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.6635	1.5561	1.3546	1.2883	1.9002	1.5115	1.6473	2.4344
In-110	7.7267	7.2361	6.6125	6.4984	8.8514	7.0136	7.5129	10.8931
In-110m	2.3421	2.1684	1.9867	1.9981	2.6576	2.1012	2.2873	3.1986
In-111	4.7120	4.4709	4.2876	4.3897	5.2942	4.3801	4.3628	4.4115
In-111m	1.9796	1.8751	1.6897	1.6012	2.2962	1.7497	1.8814	2.6286
In-112	0.5075	0.4612	0.4881	0.5884	0.5663	0.4196	0.4567	0.4220
In-112m	1.1146	1.0424	1.1107	1.3268	1.2566	0.9343	1.0558	0.8445
In-113m	1.6386	1.5317	1.6541	1.4239	1.8450	1.4006	1.5075	1.9443
In-114	0.0093	0.0085	0.0087	0.0100	0.0105	0.0079	0.0086	0.0093
In-114m	0.9793	0.9130	0.9288	1.0654	1.0931	0.8358	0.9003	0.8726
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.4489	1.3346	1.4038	1.3464	1.5956	1.2207	1.4552	1.4300
In-116m	3.5110	3.3178	3.0701	2.7465	4.0708	3.2672	3.5772	5.6140
In-117	3.7829	3.6149	3.2196	3.0215	4.3751	3.3437	3.6910	4.3797
In-117m	0.9999	0.9331	0.9323	0.9219	1.1138	0.8512	1.0134	0.9112
In-118m	4.4092	4.1905	3.7368	3.4195	5.1380	4.1158	4.4905	7.0282
In-118	0.1083	0.1033	0.0922	0.0848	0.1268	0.1011	0.1111	0.1770
In-119	2.0283	1.8842	1.7304	1.7221	2.2736	1.8317	1.9057	2.9420
In-119m	0.2726	0.2471	0.2579	0.2808	0.2967	0.2258	0.2610	0.2885
In-121	1.8328	1.7393	1.5592	1.4251	2.1211	1.7314	1.8267	2.8193
In-121m	0.8972	0.8328	0.8395	1.0349	1.0246	0.8358	0.9387	0.7523
Ir-180	5.0575	4.5519	4.3120	4.3122	5.3561	4.4352	5.0974	5.9306
Ir-182	4.8465	4.3466	4.1730	4.2285	5.0687	4.2447	4.9102	5.4613
Ir-183	5.2341	4.4442	4.2875	4.6383	5.2765	4.4422	5.2287	5.7697
Ir-184	7.4044	6.5991	6.3212	6.3379	7.7970	6.5373	7.3972	8.7804
Ir-185	5.1396	4.1781	4.2009	4.7768	4.8894	4.0844	5.0218	5.3211
Ir-186	7.2098	6.4042	6.1359	6.1098	7.5977	6.2445	7.3099	8.3100
Ir-186m	4.0696	3.5777	3.3491	3.5145	4.2692	3.5407	4.1333	4.9175
Ir-187	3.5241	2.8741	2.8278	3.2589	3.3925	2.8334	3.4679	3.5197
Ir-188	5.0620	4.3920	4.1259	4.3354	5.3159	4.4138	5.1600	6.1995
Ir-189	2.5543	1.9987	2.0325	2.4697	2.3236	1.9710	2.4867	2.3164
Ir-190	8.2052	7.4109	6.9453	6.7164	8.8911	7.1309	7.9146	9.7373
Ir-190m	0.6514	0.4215	0.5836	0.6994	0.4325	0.2749	0.4833	0.6355
Ir-190n	1.9904	1.5744	1.5521	1.9160	1.8540	1.5882	2.0062	1.7587
Ir-191m	2.5013	2.0058	2.1192	2.5035	2.2652	1.8044	2.4749	2.3202
Ir-192	4.7667	4.3757	4.2378	3.5957	5.2146	4.1255	4.9030	5.5077
Ir-192m	0.6974	0.4627	0.6505	0.7731	0.4836	0.3115	0.5442	0.6921
Ir-192n	1.4552	0.9690	1.3575	1.6132	1.0153	0.6577	1.1423	1.4435
Ir-193m	0.6476	0.4217	0.5810	0.6961	0.4347	0.2790	0.4859	0.6317
Ir-194	0.4148	0.3799	0.3727	0.3083	0.4520	0.3597	0.4356	0.4871

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	10.1338	9.4008	8.8973	7.7490	11.3242	8.8022	10.0269	13.0537
Ir-195	1.9259	1.5478	1.5731	1.8798	1.7722	1.4386	1.9412	1.7623
Ir-195m	3.1150	2.7225	2.6942	2.6803	3.1975	2.5633	3.0838	3.3799
Ir-196	0.8388	0.7763	0.7592	0.6359	0.9328	0.7367	0.8285	1.1027
Ir-196m	10.9455	10.1253	9.8720	8.5039	12.1731	9.4186	10.4886	14.3470
K-38	1.5439	1.3563	1.3107	1.1987	1.7121	1.4576	1.6744	2.7330
K-40	0.1700	0.1538	0.1447	0.1383	0.1911	0.1584	0.1750	0.2809
K-42	0.2783	0.2532	0.2365	0.2225	0.3188	0.2697	0.2926	0.4676
K-43	3.6693	3.4323	3.3080	2.7272	4.1489	3.2393	3.5580	4.9681
K-44	2.3668	2.1944	2.0327	1.8424	2.7250	2.2433	2.5014	3.9863
K-45	2.8953	2.7072	2.4547	2.2909	3.3041	2.6946	2.9164	3.9144
K-46	2.2596	2.1042	1.9676	1.7902	2.6218	2.1870	2.4481	3.9927
Kr-74	2.8116	2.5701	2.5141	2.5532	2.9446	2.3778	2.9305	2.9184
Kr-75	2.3215	2.2545	2.1768	2.1813	2.5707	1.9906	2.5478	2.4022
Kr-76	3.7623	3.3230	3.7152	3.5343	3.9394	3.0470	3.8688	4.2265
Kr-77	2.4277	2.4009	2.3232	2.3257	2.6922	2.0839	2.7595	2.4188
Kr-79	1.6724	1.4351	1.7488	1.7700	1.6805	1.2877	1.6698	1.9779
Kr-81	0.8738	0.6753	1.0298	1.1702	0.7770	0.5342	0.9011	0.9622
Kr-81m	1.3981	1.3365	1.2926	1.2872	1.5723	1.2578	1.3348	1.4291
Kr-83m	0.4119	0.3087	0.4631	0.5307	0.3481	0.2365	0.3990	0.4397
Kr-85	0.0096	0.0091	0.0081	0.0075	0.0112	0.0085	0.0091	0.0130
Kr-85m	1.6977	1.6458	1.5383	1.4317	1.9307	1.4885	1.7966	1.6210
Kr-87	1.4788	1.3713	1.4041	1.1150	1.6722	1.3243	1.4130	2.1827
Kr-88	2.2847	2.0997	2.0095	1.8805	2.5808	2.1488	2.3547	3.4553
Kr-89	2.9457	2.7544	2.5431	2.3050	3.3706	2.7652	2.9536	4.4258
La-128	6.0433	5.6228	5.2385	4.7075	6.8132	5.4837	6.0224	8.0922
La-129	2.6607	2.3521	2.3073	2.2619	2.8079	2.2417	2.7250	2.9220
La-130	4.4286	4.0574	3.9105	3.4400	4.9470	3.8566	4.4215	5.9104
La-131	3.5229	3.0567	3.0542	3.0336	3.6722	2.8421	3.5957	3.8204
La-132	4.2085	3.7961	3.6114	3.4091	4.6865	3.6106	4.1440	5.6437
La-132m	3.5838	3.2307	3.1073	3.0917	3.8703	2.9615	3.6819	4.0757
La-133	1.7242	1.3119	1.4209	1.6593	1.6176	1.1738	1.7365	1.6316
La-134	0.6350	0.4976	0.5111	0.5938	0.6274	0.4603	0.6588	0.6376
La-135	1.4024	1.0534	1.1255	1.3647	1.3361	0.9567	1.4638	1.2472
La-136	0.9370	0.7087	0.7518	0.9070	0.8976	0.6476	0.9771	0.8591
La-137	1.3206	0.9833	1.0575	1.2937	1.2480	0.8909	1.3805	1.1562
La-138	2.2895	1.9973	1.9017	1.9473	2.4787	1.9768	2.3301	3.2428
La-140	3.7726	3.4787	3.2488	2.9496	4.2958	3.4867	3.7878	5.6603
La-141	0.0291	0.0273	0.0248	0.0231	0.0338	0.0278	0.0305	0.0494
La-142	2.4698	2.2532	2.0780	1.8994	2.8024	2.3192	2.5893	4.0622

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.3608	0.3349	0.3035	0.2788	0.4136	0.3359	0.3679	0.5772
Lu-165	4.5061	4.0224	3.9407	4.1274	4.9113	3.8159	4.4937	4.8681
Lu-167	5.1666	4.5278	4.4781	4.6694	5.5726	4.3825	5.0375	6.0960
Lu-169m	0.4882	0.3127	0.4300	0.5172	0.3183	0.2012	0.3547	0.4729
Lu-169	4.5369	4.0054	3.8752	4.1226	4.9718	3.8763	4.4221	5.2854
Lu-170	4.4032	3.8641	3.7686	3.8994	4.8226	3.8115	4.4333	5.8657
Lu-171m	0.5196	0.3347	0.4569	0.5497	0.3424	0.2181	0.3803	0.5023
Lu-171	4.6328	3.8664	3.9379	4.4658	4.7507	3.5907	4.2645	4.8948
Lu-172	6.3559	5.6768	5.4308	5.5555	6.9548	5.4150	6.1699	7.8841
Lu-172m	0.4391	0.2812	0.3866	0.4651	0.2863	0.1809	0.3189	0.4253
Lu-173	3.5512	3.0307	3.0440	3.4805	3.7987	2.9132	3.4569	3.2413
Lu-174	1.8485	1.5057	1.5795	1.8822	1.8888	1.3957	1.7384	1.6916
Lu-174m	2.5113	1.9090	2.1205	2.5505	2.2863	1.6988	2.2708	2.2593
Lu-176	4.5368	4.0622	3.9159	3.7458	4.7419	3.8276	4.4170	4.6224
Lu-176m	0.5572	0.4326	0.4629	0.5486	0.4886	0.3658	0.5175	0.5125
Lu-177	0.4674	0.4222	0.3995	0.4224	0.4818	0.3987	0.4505	0.4624
Lu-177m	9.7597	8.8724	8.5687	8.3935	10.4574	8.5275	9.5107	10.1372
Lu-178	0.4861	0.4061	0.4079	0.4484	0.4705	0.3715	0.4723	0.5518
Lu-178m	8.4221	7.6596	7.4067	6.8631	9.0017	7.1570	8.3374	9.1624
Lu-179	0.2517	0.2402	0.2153	0.2093	0.2793	0.2399	0.2303	0.2658
Lu-180	4.0188	3.6784	3.5476	3.2759	4.4085	3.5189	3.9465	5.3195
Lu-181	3.4801	3.0143	2.9571	3.0558	3.5693	2.8081	3.2864	3.9813
Mg-27	1.6855	1.5975	1.4204	1.3084	1.9487	1.5836	1.6572	2.6770
Mg-28	3.2646	2.9410	2.8801	2.7971	3.6447	2.8461	3.3106	4.3960
Mn-50m	5.4010	5.0896	4.5500	4.2165	6.2449	5.0884	5.4462	8.7721
Mn-51	0.0202	0.0155	0.0174	0.0189	0.0174	0.0128	0.0170	0.0251
Mn-52	5.1395	4.7456	4.3342	4.0859	5.7928	4.6994	5.0850	8.1194
Mn-52m	1.5229	1.4096	1.2995	1.2130	1.7570	1.4576	1.5905	2.5645
Mn-53	0.3949	0.2528	0.3474	0.4180	0.2572	0.1625	0.2865	0.3824
Mn-54	2.0897	1.8535	1.7646	1.7375	2.1989	1.7552	1.9134	3.0930
Mn-56	2.3409	2.1735	1.9671	1.8269	2.6698	2.2077	2.3318	3.8418
Mn-57	1.0704	0.8838	1.0336	1.1183	0.9727	0.7157	1.0086	1.1368
Mn-58m	3.7870	3.5624	3.2229	2.9594	4.3592	3.5436	3.7401	6.0771
Mo-101	3.1334	2.9046	2.6654	2.5208	3.5298	2.7986	3.0490	4.4080
Mo-102	0.1795	0.1746	0.1579	0.1510	0.2030	0.1667	0.1730	0.1782
Mo-89	0.3691	0.3478	0.3228	0.3038	0.4263	0.3444	0.3702	0.5666
Mo-90	4.4240	4.3530	4.5256	4.4069	5.0306	4.1820	4.4672	4.4512
Mo-91m	1.5747	1.4751	1.3344	1.2572	1.8155	1.4660	1.5913	2.4260
Mo-91	0.0632	0.0621	0.0802	0.0846	0.0756	0.0585	0.0591	0.0526
Mo-93	0.7592	0.7656	1.0502	1.1315	0.9202	0.6908	0.6776	0.4366

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	4.6273	4.3266	4.0375	3.7935	5.2604	4.4088	4.5795	6.5747
Mo-99	0.5648	0.5333	0.4901	0.4758	0.6404	0.5069	0.5450	0.6935
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9948	0.8815	0.8763	0.8088	1.1503	1.0363	1.0857	2.1288
Na-22	1.5289	1.4629	1.3056	1.2051	1.7946	1.4438	1.5956	2.5952
Na-24	2.9830	2.7014	2.5846	2.3359	3.3989	2.8854	3.2580	5.2875
Nb-87	2.6165	2.6084	2.5694	2.5586	3.0193	2.4494	2.4737	2.4864
Nb-88m	6.2936	5.9486	5.5545	4.8738	7.2764	5.7912	6.2357	9.4539
Nb-88	7.8834	7.5373	7.0814	6.4745	9.1834	7.2678	7.9087	11.0755
Nb-89	0.6772	0.6427	0.7001	0.6714	0.7936	0.6496	0.7102	0.9771
Nb-89m	2.1004	2.0143	1.8781	1.7489	2.4618	1.8738	1.9872	2.7725
Nb-90	5.0355	4.7989	4.7510	4.4967	5.8049	4.6923	5.3803	7.0733
Nb-91	0.6965	0.7404	1.0726	1.1161	0.8772	0.6712	0.6932	0.4679
Nb-91m	0.6858	0.6885	0.9277	0.9940	0.8255	0.6228	0.6207	0.4377
Nb-92	4.3399	4.1899	4.1135	3.9005	5.1068	3.9986	4.2678	5.8884
Nb-92m	2.3884	2.3473	2.5110	2.4284	2.8488	2.2610	2.3929	3.1482
Nb-93m	0.1628	0.1541	0.2115	0.2309	0.1820	0.1346	0.1408	0.1043
Nb-94m	0.5334	0.5333	0.7273	0.7837	0.6400	0.4802	0.4754	0.3197
Nb-94	3.3518	3.1591	2.7744	2.5796	3.8454	3.1212	3.2685	5.2457
Nb-95	1.7055	1.6055	1.4092	1.3218	1.9432	1.5944	1.6241	2.7008
Nb-95m	1.0021	0.9900	1.1387	1.1565	1.1679	0.9672	0.9065	0.8437
Nb-96	5.6484	5.3455	4.7890	4.3718	6.5074	5.2089	5.4746	8.5448
Nb-97	1.7055	1.5971	1.3764	1.2850	1.9500	1.5591	1.6894	2.5637
Nb-98m	5.2573	4.9276	4.4090	4.0819	6.0036	4.9002	5.1598	8.2287
Nb-99	2.7929	2.7378	2.6706	2.7569	3.0711	2.4234	3.0130	2.4609
Nb-99m	1.1802	1.0936	1.0507	0.9700	1.3212	1.0897	1.2057	1.6616
Nd-134	3.5695	3.1368	2.9960	2.9856	3.8110	2.8967	3.7071	3.3952
Nd-135	4.2898	3.7649	3.6270	3.5792	4.5911	3.5192	4.2486	4.5597
Nd-136	3.3848	2.7685	2.7836	2.9966	3.3894	2.4825	3.7055	3.1248
Nd-137	3.8460	3.2858	3.1464	3.2209	4.0897	3.0957	4.0549	4.3100
Nd-138	1.4834	1.1262	1.1914	1.3392	1.4464	1.0081	1.6291	1.2326
Nd-139	1.4614	1.1738	1.2055	1.2742	1.4876	1.0712	1.5574	1.4480
Nd-139m	5.5232	4.8746	4.6079	4.6287	5.9331	4.6061	5.7973	6.8074
Nd-140	1.3536	1.0104	1.0779	1.2368	1.3069	0.9002	1.4913	1.1009
Nd-141	1.3769	1.0351	1.0981	1.2535	1.3374	0.9254	1.5170	1.1428
Nd-141m	1.6754	1.5544	1.3780	1.3092	1.8902	1.5324	1.6188	2.5539
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.6639	1.4175	1.3542	1.4065	1.7261	1.2707	1.8264	1.5933
Nd-149	2.8971	2.6538	2.4999	2.3815	3.1438	2.5307	2.9471	3.0917
Nd-151	3.2265	3.0284	2.8099	2.6785	3.5681	2.8683	3.3990	3.9102

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	1.3604	1.2487	1.2539	1.1541	1.4632	1.2548	1.3260	1.4726
Ne-19	0.0003	0.0003	0.0002	0.0002	0.0003	0.0002	0.0003	0.0003
Ne-24	2.3021	2.1855	2.0431	1.7711	2.6678	2.0289	2.1449	3.1312
Ni-56	6.5194	5.9838	5.5816	5.2781	7.1133	5.6452	6.1619	8.1932
Ni-57	2.1887	1.9506	1.9049	1.8914	2.3253	1.8575	2.2180	3.2470
Ni-59	0.6848	0.4383	0.6024	0.7248	0.4459	0.2818	0.4967	0.6630
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7195	0.6707	0.6238	0.5629	0.8307	0.6780	0.7443	1.1570
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	6.0124	5.5079	5.6989	5.5738	6.3637	5.0967	6.1425	6.9677
Np-233	2.0009	1.8219	1.9648	2.0971	1.9795	1.6005	2.1498	1.9171
Np-234	3.3376	3.0143	3.2117	3.3405	3.4827	2.8033	3.4563	3.9700
Np-235	0.7619	0.6201	0.8750	0.9946	0.7154	0.5032	0.6905	0.6718
Np-236	4.4276	3.9418	4.5984	4.9877	4.4783	3.4119	4.3922	3.9380
Np-236m	1.1327	1.0227	1.1314	1.2213	1.1205	0.8935	1.1956	1.0722
Np-237	1.6061	1.3867	1.7314	1.9559	1.6155	1.1830	1.6083	1.4242
Np-238	1.6238	1.4706	1.5694	1.6033	1.7853	1.3671	1.5691	2.0323
Np-239	3.2337	2.9101	3.1369	3.3010	3.2221	2.6107	3.2565	3.0887
Np-240	5.0992	4.6430	4.8657	4.9653	5.5011	4.2494	4.8986	5.8116
Np-240m	1.4990	1.3509	1.4271	1.4674	1.6305	1.2405	1.4039	1.7535
Np-241	0.7850	0.7161	0.7754	0.8289	0.7906	0.6280	0.8104	0.7327
Np-242	0.4835	0.4410	0.4336	0.4289	0.5382	0.4304	0.4735	0.6991
Np-242m	4.2983	3.8730	4.1549	4.3237	4.6013	3.5808	4.0313	4.8463
O-14	1.5215	1.3283	1.2988	1.1724	1.6781	1.4493	1.6638	2.7044
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.5285	2.4312	2.1236	2.0347	2.8834	2.3797	2.3751	3.1288
Os-180	2.9000	2.2677	2.3439	2.8313	2.6772	2.1693	2.7123	2.5993
Os-181	6.1316	5.3535	5.0540	5.3921	6.3594	5.4094	6.0690	6.9950
Os-182	4.4874	3.8536	3.6998	4.0092	4.5751	3.6870	4.2831	4.6535
Os-183	6.0173	5.1762	5.1137	5.2855	6.1484	5.0773	5.9903	6.2358
Os-183m	3.3189	2.8643	2.6948	2.9259	3.4606	2.8667	3.3580	3.9699
Os-185	3.3808	2.9092	2.6763	2.9203	3.5094	2.9003	3.3616	3.9823
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.6291	0.4059	0.5607	0.6728	0.4154	0.2636	0.4638	0.6124
Os-190m	8.3134	7.5550	7.1926	6.6797	9.0240	6.9871	7.8493	10.1987
Os-191	2.6303	2.1300	2.2160	2.6169	2.4138	1.9384	2.6339	2.4304
Os-191m	0.7881	0.5404	0.6786	0.8219	0.5806	0.4160	0.6428	0.7477
Os-193	0.8334	0.7044	0.7060	0.7609	0.8192	0.6522	0.8221	0.8463
Os-194	0.6035	0.4090	0.5485	0.6467	0.4460	0.2890	0.4954	0.5775
Os-196	0.7843	0.6959	0.6666	0.6879	0.8160	0.6757	0.8015	0.8156

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0012	0.0010	0.0010	0.0009	0.0013	0.0011	0.0013	0.0021
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.8252	0.7182	0.8474	0.9483	0.8199	0.6380	0.8623	0.7615
Pa-228	6.2210	5.6793	6.0243	6.0225	6.6142	5.1761	6.3380	7.3342
Pa-229	1.7635	1.5858	1.7562	1.9067	1.7487	1.3642	1.9038	1.6787
Pa-230	3.5280	3.2258	3.4242	3.4914	3.7328	2.9051	3.6214	4.0767
Pa-231	1.5672	1.3028	1.7299	1.9086	1.4978	1.0888	1.4990	1.4878
Pa-232	3.3345	3.0742	3.1757	3.1107	3.6864	2.8475	3.2385	4.2042
Pa-233	2.7955	2.4993	2.7841	2.7535	2.8534	2.2251	2.8935	2.7674
Pa-234	6.2003	5.7145	5.8877	5.9478	6.6932	5.2983	6.1842	7.3873
Pa-234m	0.0493	0.0453	0.0464	0.0466	0.0533	0.0425	0.0498	0.0629
Pa-235	0.2302	0.1477	0.2032	0.2443	0.1505	0.0952	0.1677	0.2232
Pa-236	2.2807	2.0682	2.1093	2.1106	2.4901	1.9641	2.2701	3.0225
Pa-237	1.7266	1.5885	1.4711	1.3990	1.9129	1.5048	1.6372	2.4711
Pb-194	4.9624	4.4265	4.1694	4.3620	5.2679	4.1445	5.0720	5.6275
Pb-195m	7.4410	6.6510	6.7796	6.3402	7.9180	6.1004	7.3153	9.1334
Pb-196	4.6766	4.1741	3.9688	4.1617	4.9204	3.9101	4.7509	4.9123
Pb-197	4.7432	4.2565	4.1476	4.0217	5.1027	3.9950	4.8240	5.9189
Pb-197m	6.3919	5.7194	5.7479	5.5135	6.7799	5.2711	6.3158	7.5306
Pb-198	4.4264	3.9161	3.8280	3.9073	4.5990	3.6169	4.5641	4.5286
Pb-199	4.0289	3.5796	3.4948	3.4676	4.2707	3.3318	4.1624	4.7105
Pb-200	3.8533	3.3708	3.3043	3.6495	3.9188	3.0223	4.0419	3.6209
Pb-201	4.7040	4.1775	4.0848	3.9740	4.9479	3.8410	4.9323	5.1440
Pb-201m	1.6794	1.5053	1.3855	1.4454	1.8030	1.3907	1.7351	2.0575
Pb-202	0.6025	0.4001	0.5631	0.6690	0.4183	0.2696	0.4708	0.5981
Pb-202m	5.8467	5.4502	5.2152	4.6602	6.6025	5.1740	5.6574	8.2768
Pb-203	3.7961	3.3588	3.2724	3.3569	3.9207	3.1924	3.9480	3.7994
Pb-204m	5.1753	4.8539	4.6156	3.9967	5.8822	4.6702	5.0932	7.4987
Pb-205	0.6097	0.4049	0.5699	0.6771	0.4234	0.2729	0.4765	0.6053
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.5985	0.4459	0.6366	0.7317	0.5074	0.3417	0.5563	0.6058
Pb-211	0.2233	0.2082	0.2043	0.1765	0.2507	0.1958	0.2124	0.3094
Pb-212	1.7280	1.5883	1.5139	1.5485	1.8416	1.5275	1.7615	1.7647
Pb-214	2.0086	1.8179	1.8424	1.6795	2.1383	1.6793	2.0676	2.1969
Pd-100	3.9411	3.4283	3.2576	4.0443	4.2574	3.0531	3.6691	2.5011
Pd-101	3.1824	2.7125	2.8292	3.3235	3.4180	2.4988	2.5731	2.3113
Pd-103	1.1933	0.9653	1.0644	1.3973	1.2513	0.8584	0.8473	0.5548
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.4148	1.3170	1.2252	1.3134	1.5789	1.2302	1.2193	1.1949

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.6396	0.5575	0.6084	0.7683	0.6841	0.4913	0.5423	0.4071
Pd-111	0.1333	0.1244	0.1133	0.1085	0.1524	0.1207	0.1317	0.1776
Pd-112	0.4267	0.3666	0.4508	0.5407	0.4579	0.3231	0.3245	0.2225
Pd-114	0.2400	0.2357	0.2224	0.2131	0.2687	0.2236	0.2469	0.2507
Pd-96	4.2071	3.9454	3.7097	3.8583	4.7146	3.6518	4.1121	4.8671
Pd-97	3.8028	3.5097	3.3322	3.1448	4.2771	3.5320	3.6528	4.9943
Pd-98	3.4598	3.1115	3.0178	3.4326	3.6816	2.8483	3.2591	2.9468
Pd-99	3.3489	3.1387	3.0133	3.0801	3.7359	2.9143	3.3013	3.5116
Pm-136	5.6546	5.2650	5.0015	4.2909	6.3798	5.0289	5.5307	7.8608
Pm-137m	6.2098	5.6361	5.3117	5.0665	6.7579	5.3272	6.3317	7.0011
Pm-139	1.1632	0.9978	1.0166	0.9521	1.2393	0.9222	1.1900	1.3297
Pm-140m	5.9479	5.5199	5.2263	4.6286	6.7551	5.3041	5.8179	8.5739
Pm-140	0.4329	0.3787	0.3592	0.3554	0.4718	0.3595	0.4457	0.5442
Pm-141	0.9720	0.7812	0.7895	0.8430	0.9975	0.7235	1.0557	0.9934
Pm-142	0.3883	0.3013	0.3129	0.3426	0.3896	0.2779	0.4279	0.3668
Pm-143	2.0188	1.6382	1.6275	1.7325	2.0759	1.5153	2.1450	2.1161
Pm-144	5.8287	5.2152	4.7774	4.6208	6.4489	4.9435	5.8622	7.6138
Pm-145	1.4098	1.0591	1.1244	1.2729	1.3695	0.9389	1.5591	1.1304
Pm-146	3.2966	2.9347	2.8184	2.6466	3.6248	2.7458	3.2545	4.1552
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	1.0289	0.9651	0.8659	0.8021	1.1909	0.9512	1.0250	1.5728
Pm-148m	6.2012	5.8103	5.2090	4.7392	7.0901	5.5582	6.0873	8.7286
Pm-149	0.0781	0.0712	0.0699	0.0612	0.0836	0.0702	0.0787	0.0872
Pm-150	3.2383	3.0063	2.8716	2.4434	3.6414	2.9006	3.3303	4.5198
Pm-151	2.3618	2.1221	2.0466	1.8920	2.5491	2.0007	2.4315	2.5176
Pm-152m	5.2047	4.8585	4.5967	4.2727	5.7586	4.7592	5.3864	6.4065
Pm-152	0.9146	0.8465	0.7949	0.7823	1.0039	0.7875	0.9907	1.1289
Pm-153	1.3609	1.2045	1.1816	1.2629	1.4058	1.0507	1.5030	1.2493
Pm-154	2.8072	2.5127	2.3469	2.2633	3.1064	2.4527	2.9454	3.9991
Pm-154m	4.9027	4.4628	4.1427	3.9588	5.4221	4.3168	4.9944	6.1417
Po-203	4.9676	4.5322	4.2994	4.4018	5.4125	4.2112	5.1517	6.1898
Po-204	7.3320	6.4862	6.4360	6.8101	7.6103	5.8453	7.5932	8.1058
Po-205	4.7832	4.3552	4.0923	4.2074	5.2073	4.0546	4.9824	6.0691
Po-206	6.1967	5.5438	5.5292	5.6043	6.5734	5.0098	6.3682	7.2496
Po-207	4.3599	3.9773	3.7581	3.8006	4.7601	3.6682	4.5582	5.4427
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0655	0.0510	0.0573	0.0634	0.0567	0.0425	0.0575	0.0694
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0207	0.0195	0.0173	0.0160	0.0238	0.0188	0.0202	0.0305
Po-212m	0.0790	0.0715	0.0670	0.0606	0.0891	0.0735	0.0824	0.1265

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Po-215	0.0008	0.0008	0.0008	0.0006	0.0010	0.0007	0.0008	0.0011
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	7.7149	7.1462	6.8307	5.9181	8.6695	6.8158	7.5671	10.3668
Pr-134m	3.6001	3.3081	3.2837	2.7869	4.0532	3.1600	3.4824	5.0383
Pr-135	2.8012	2.3764	2.3136	2.3748	2.9203	2.2213	2.9518	2.8467
Pr-136	4.2686	3.9020	3.5714	3.3898	4.8242	3.7117	4.2383	5.8063
Pr-137	1.2380	0.9615	0.9988	1.1200	1.2249	0.8760	1.3273	1.1516
Pr-138	0.4164	0.3237	0.3336	0.3766	0.4122	0.2977	0.4454	0.4013
Pr-138m	6.5636	5.9262	5.5973	5.2084	7.2274	5.7310	6.7212	8.6499
Pr-139	1.2865	0.9631	1.0246	1.1938	1.2382	0.8672	1.3994	1.0875
Pr-140	0.6862	0.5132	0.5464	0.6367	0.6600	0.4619	0.7468	0.5785
Pr-142	0.0553	0.0497	0.0468	0.0445	0.0631	0.0539	0.0581	0.0933
Pr-142m	0.0311	0.0199	0.0273	0.0329	0.0202	0.0128	0.0225	0.0301
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0381	0.0350	0.0315	0.0293	0.0432	0.0356	0.0387	0.0616
Pr-144m	0.6535	0.4758	0.5304	0.6140	0.5942	0.4056	0.6749	0.5522
Pr-145	0.0554	0.0494	0.0452	0.0447	0.0612	0.0476	0.0576	0.0720
Pr-146	1.9933	1.8643	1.7543	1.5420	2.2895	1.8120	1.9370	2.9669
Pr-147	3.3614	2.8459	2.7725	2.8486	3.5433	2.5933	3.6298	3.4088
Pr-148	2.4708	2.2897	2.1670	1.8689	2.7550	2.2438	2.5654	3.2769
Pr-148m	3.9221	3.6445	3.4926	2.9482	4.3677	3.4977	3.9501	4.9225
Pt-184	8.6503	7.3570	7.0528	7.8162	8.6418	7.0739	8.5728	8.5675
Pt-186	4.3759	3.7481	3.5000	3.8509	4.4589	3.7048	4.3852	4.8434
Pt-187	5.3277	4.5113	4.3254	4.8331	5.2806	4.4214	5.3845	5.3910
Pt-188	3.7178	3.0946	3.0137	3.4367	3.6221	2.9995	3.6433	3.4975
Pt-189	5.0123	4.1889	4.0266	4.5872	4.9186	4.0980	5.0559	5.0328
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.5192	3.7557	3.6293	4.1542	4.4270	3.6827	4.5755	4.3515
Pt-193	0.6509	0.4283	0.5993	0.7142	0.4448	0.2853	0.4994	0.6423
Pt-193m	0.9976	0.7093	0.8670	1.0441	0.7756	0.5604	0.8592	0.9457
Pt-195m	3.2363	2.4973	2.7121	3.2517	2.8165	2.2038	3.1123	2.9980
Pt-197	0.8856	0.7014	0.7695	0.8973	0.7934	0.5622	0.8455	0.8304
Pt-197m	2.2088	1.7163	1.9056	2.1942	1.9623	1.5165	2.1097	2.1157
Pt-199	1.0441	0.9575	0.8941	0.8507	1.1461	0.8941	1.0069	1.2720
Pt-200	1.4884	1.2221	1.2631	1.4493	1.4039	1.0780	1.4781	1.3938
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.4886	1.3571	1.4688	1.5753	1.4679	1.1900	1.5880	1.4068
Pu-234	1.7063	1.5465	1.6990	1.8300	1.6792	1.3512	1.8030	1.6031
Pu-235	2.3006	2.0707	2.3146	2.5070	2.2725	1.8057	2.3983	2.1497
Pu-236	0.2269	0.1909	0.2682	0.3041	0.2247	0.1592	0.2073	0.1894
Pu-237	1.6452	1.4525	1.6863	1.8554	1.6123	1.2631	1.6720	1.5007
Pu-238	0.2094	0.1762	0.2477	0.2808	0.2072	0.1468	0.1916	0.1751
Pu-239	0.1342	0.1038	0.1448	0.1669	0.1175	0.0811	0.1144	0.1186
Pu-240	0.1970	0.1657	0.2330	0.2641	0.1950	0.1382	0.1801	0.1646
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0000
Pu-242	0.1690	0.1422	0.1998	0.2265	0.1673	0.1185	0.1545	0.1413
Pu-243	0.6519	0.5848	0.5877	0.6638	0.6805	0.4941	0.6847	0.5457
Pu-244	0.1763	0.1517	0.1972	0.2162	0.1798	0.1316	0.1648	0.1688
Pu-245	2.1077	1.9525	1.9501	1.8168	2.2705	1.7992	2.1689	2.4385
Pu-246	2.6518	2.3963	2.5333	2.7018	2.7706	2.1723	2.6708	2.4052
Ra-219	1.4056	1.2747	1.2727	1.1475	1.4869	1.1474	1.5304	1.4574
Ra-220	0.0221	0.0210	0.0200	0.0172	0.0255	0.0193	0.0206	0.0295
Ra-221	0.9415	0.8247	0.9401	1.0131	0.9402	0.6932	0.9616	0.9033
Ra-222	0.0611	0.0557	0.0562	0.0453	0.0657	0.0513	0.0655	0.0665
Ra-223	2.0875	1.8729	1.8937	1.9669	2.1372	1.6336	2.2019	2.0493
Ra-224	0.0911	0.0868	0.0828	0.0777	0.1000	0.0905	0.0867	0.1010
Ra-225	0.7290	0.5757	0.6862	0.7422	0.7345	0.5028	0.8265	0.5832
Ra-226	1.6986	1.6589	1.5806	1.6065	1.8809	1.9044	1.8306	1.7851
Ra-227	2.1085	1.8420	2.1722	2.2809	2.1372	1.6238	2.0770	2.1382
Ra-228	1.5390	1.5142	1.4323	1.4607	1.6943	1.7134	1.6448	1.6239
Ra-230	1.0526	0.9453	0.9613	1.0160	1.0879	0.8621	1.0816	1.0572
Rb-77	2.5043	2.3272	2.0868	2.1320	2.8410	2.3966	2.6766	2.8505
Rb-78m	4.5094	4.2197	3.9380	3.5091	5.1531	4.0971	4.4707	6.7105
Rb-78	3.3983	3.1377	3.0685	2.6905	3.8913	3.1457	3.5049	5.3864
Rb-79	3.1303	2.9791	2.9299	2.7865	3.5485	2.7490	3.2280	3.7243
Rb-80	0.5192	0.4861	0.4268	0.4000	0.5946	0.4691	0.5175	0.7614
Rb-81	1.4017	1.2893	1.5225	1.4794	1.5710	1.1744	1.4722	1.8208
Rb-81m	0.5735	0.5561	0.8261	0.8896	0.6874	0.5072	0.7596	0.6526
Rb-82	0.3084	0.2880	0.2744	0.2650	0.3490	0.2834	0.3038	0.4789
Rb-82m	6.3231	5.9262	5.5892	5.3188	7.2356	5.7504	6.3498	9.4638
Rb-83	2.6932	2.4910	2.6659	2.6430	3.0435	2.2786	2.7545	3.5379
Rb-84	1.6645	1.5401	1.6772	1.6722	1.8788	1.4759	1.7635	2.4515
Rb-84m	2.6420	2.5433	2.5030	2.2856	3.0043	2.5838	2.5331	3.1592
Rb-86m	2.0004	1.8936	1.6748	1.5452	2.3204	1.7836	1.9249	2.7842
Rb-86	0.1389	0.1327	0.1190	0.1077	0.1636	0.1306	0.1440	0.2236
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.6361	0.5797	0.5394	0.4987	0.7236	0.6037	0.6630	1.0747
Rb-89	2.6889	2.5235	2.2953	2.0856	3.1181	2.5356	2.8094	4.4169
Rb-90	1.4457	1.3409	1.2747	1.1364	1.6643	1.4111	1.5520	2.5610
Rb-90m	3.3751	3.1309	2.8996	2.6533	3.8667	3.2241	3.4773	5.6878
Re-178	4.3442	3.7693	3.6533	3.8548	4.4462	3.7679	4.3092	5.0207
Re-179	5.7050	5.0117	4.9041	4.8658	6.0092	4.8826	5.5757	6.4602
Re-180	4.5468	3.9052	3.7348	4.0533	4.6386	3.8198	4.4869	5.3775
Re-181	5.6064	4.8043	4.7818	4.8700	5.7512	4.6488	5.5048	6.0890
Re-182	10.2593	8.9806	8.5393	9.0604	10.6220	8.8515	10.2194	10.9196
Re-182m	5.1943	4.4496	4.1719	4.6734	5.3324	4.4368	5.3065	5.6933
Re-183	4.1887	3.3755	3.4173	4.0061	3.9868	3.2201	4.0282	3.7808
Re-184	4.0886	3.5267	3.3485	3.6546	4.2029	3.4803	4.0286	4.7938
Re-184m	3.9848	3.3082	3.3094	3.6733	3.8318	3.1611	3.8287	4.0385
Re-186	0.4533	0.3903	0.3851	0.4364	0.4481	0.3606	0.4663	0.4174
Re-186m	2.0596	1.4087	1.7898	2.1488	1.5279	1.0639	1.6752	1.9471
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.5282	0.4758	0.4447	0.4526	0.5616	0.4393	0.5227	0.5246
Re-188m	2.7491	2.1244	2.2067	2.6826	2.4249	2.0124	2.6382	2.4941
Re-189	0.6330	0.5557	0.5397	0.5597	0.6416	0.5357	0.5850	0.6500
Re-190	5.6045	5.2414	4.8686	4.3902	6.2868	5.0225	5.3183	7.1509
Re-190m	5.0049	4.5124	4.3014	4.1353	5.3735	4.2767	4.8311	5.9543
Rh-100m	1.8184	1.4847	1.5817	2.0320	1.9076	1.3322	1.4218	1.0222
Rh-100	5.3187	4.8470	4.6402	4.5956	6.0248	4.7020	5.0167	7.0073
Rh-101	3.9083	3.6873	3.5912	3.8474	4.3299	3.3396	3.6736	3.2811
Rh-101m	2.8769	2.5523	2.6613	2.6421	3.1065	2.3721	2.6855	2.4577
Rh-102	1.9904	1.8088	1.8057	1.8424	2.2459	1.6635	1.7268	2.1062
Rh-102m	6.9253	6.4204	6.0332	5.7981	7.8980	6.0874	6.4387	9.0241
Rh-103m	0.1742	0.1330	0.1546	0.1984	0.1641	0.1109	0.1249	0.1046
Rh-104	0.0478	0.0446	0.0405	0.0390	0.0549	0.0419	0.0448	0.0621
Rh-104m	1.7467	1.4906	1.5598	1.9667	1.9783	1.3826	1.4442	1.0436
Rh-105	0.5051	0.4612	0.4599	0.3661	0.5452	0.4306	0.5436	0.5434
Rh-106	0.6913	0.6546	0.5788	0.5326	0.8025	0.6177	0.6648	0.9682
Rh-106m	6.9124	6.5288	5.9341	5.3465	7.9773	6.3025	6.6850	10.1534
Rh-107	1.9296	1.7827	1.7674	1.4292	2.1063	1.7040	2.0014	2.1742
Rh-108	1.2848	1.2122	1.1681	0.9742	1.4749	1.1302	1.1999	1.7638
Rh-109	2.1191	1.9601	1.9323	1.6670	2.3191	1.8482	2.1435	2.2669
Rh-94	3.8854	3.6301	3.3295	3.0553	4.4625	3.6419	3.9809	6.1328
Rh-95	2.7645	2.5620	2.3904	2.2906	3.1727	2.5495	2.7362	4.1113
Rh-95m	2.0536	1.9227	1.7412	1.6403	2.3672	1.8279	1.9585	2.8197
Rh-96	6.7115	6.2551	5.5857	5.3015	7.6567	6.1615	6.5305	10.0975

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.8350	1.6437	1.5746	1.6432	2.0462	1.6094	1.6782	2.3719
Rh-97	2.7735	2.5586	2.5880	2.3210	3.1357	2.4058	2.5118	3.5242
Rh-97m	4.0499	3.6883	3.5685	3.5718	4.5469	3.5970	3.7702	4.9065
Rh-98	2.0043	1.8594	1.6428	1.5673	2.2828	1.8198	1.9730	2.9405
Rh-99	4.0492	3.6408	3.6601	3.8228	4.4446	3.3197	3.6824	3.7504
Rh-99m	3.1870	2.8591	2.9442	2.8625	3.4987	2.6468	2.9541	3.1782
Rn-207	4.0306	3.6944	3.5976	3.3845	4.3783	3.3556	4.1556	4.8541
Rn-209	4.4457	4.0791	4.0133	3.7841	4.8453	3.7121	4.5240	5.5101
Rn-210	0.3283	0.2983	0.2927	0.2953	0.3524	0.2695	0.3334	0.3858
Rn-211	5.3577	4.9455	4.6811	4.5732	5.9262	4.6205	5.4664	7.1310
Rn-212	0.0009	0.0008	0.0007	0.0006	0.0010	0.0008	0.0008	0.0013
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0023	0.0021	0.0018	0.0017	0.0026	0.0020	0.0022	0.0033
Rn-219	0.3944	0.3693	0.3702	0.3148	0.4340	0.3612	0.3849	0.4648
Rn-220	2.1945	2.1826	2.0616	2.0752	2.3908	2.4227	2.3231	2.2748
Rn-222	0.0017	0.0016	0.0015	0.0014	0.0020	0.0015	0.0016	0.0023
Rn-223	2.2316	1.9696	2.0942	2.1749	2.2889	1.7342	2.2123	2.5378
Ru-103	2.2091	2.0994	1.8876	1.7222	2.5739	1.9478	2.0726	2.9607
Ru-105	2.6250	2.4472	2.2722	2.1045	2.9614	2.3388	2.5262	3.4449
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	1.0012	0.9468	0.8716	0.7868	1.1417	0.9160	0.9555	1.3406
Ru-108	0.8307	0.7854	0.7151	0.7181	0.9374	0.7128	0.8018	0.7051
Ru-92	8.1403	7.6719	7.5568	7.6488	9.1876	7.4954	7.6621	8.1311
Ru-94	2.9547	2.6983	2.9051	2.7387	3.2960	2.4926	2.6704	3.0570
Ru-95	3.7743	3.4617	3.5047	3.2846	4.2187	3.2684	3.6584	4.3242
Ru-97	2.8185	2.6218	2.6445	2.7523	3.1389	2.5272	2.4260	2.4246
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3283	1.1684	1.2144	1.0472	1.5206	1.3354	1.5821	2.5878
S-38	1.3467	1.1939	1.1370	1.0583	1.5076	1.2676	1.4432	2.3609
Sb-111	3.0546	2.9293	2.7044	2.5892	3.5149	2.7003	3.0237	3.4824
Sb-113	2.7701	2.6211	2.4736	2.3730	3.1870	2.4256	2.6776	3.4406
Sb-114	2.6876	2.5356	2.3471	2.2248	3.1067	2.5004	2.7699	4.1908
Sb-115	3.0432	2.8900	2.7546	2.7705	3.5217	2.6581	2.8926	3.6761
Sb-116	2.5401	2.3940	2.2735	2.2724	2.9337	2.3470	2.6133	3.7897
Sb-116m	7.6225	7.2583	6.9260	6.7844	8.7092	6.8589	7.7220	10.1247
Sb-117	2.8362	2.7135	2.6690	2.8878	3.2427	2.4509	2.8117	2.4085
Sb-118	0.3673	0.3469	0.3730	0.4451	0.4174	0.3165	0.3639	0.3451
Sb-118m	7.4626	7.0461	6.8309	6.8989	8.5184	6.9563	7.5605	9.2683

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	1.4323	1.3241	1.4915	1.8567	1.5818	1.1748	1.3702	1.1077
Sb-120	0.6937	0.6542	0.7246	0.8928	0.7844	0.5890	0.6840	0.5680
Sb-120m	7.3816	7.0551	6.4790	6.6323	8.3886	6.6647	7.5170	8.9750
Sb-122m	2.3704	2.1048	2.0211	2.5373	2.5841	2.1357	2.5380	1.9231
Sb-122	1.5300	1.4457	1.2761	1.1878	1.7699	1.3676	1.4781	2.1396
Sb-124	3.2167	2.9837	2.6546	2.4750	3.6839	2.9668	3.2330	4.9413
Sb-124m	1.5330	1.4201	1.2725	1.1961	1.7272	1.3332	1.4652	2.1377
Sb-124n	0.1084	0.0694	0.0953	0.1147	0.0706	0.0446	0.0786	0.1049
Sb-125	2.5269	2.3098	2.2815	2.2656	2.8147	2.1446	2.4544	2.9649
Sb-126	7.6438	7.1801	6.5279	5.8055	8.7249	6.9458	7.3789	11.2757
Sb-126m	4.6838	4.3926	4.0900	3.5431	5.3358	4.2048	4.4746	6.8128
Sb-127	2.3037	2.1683	1.9803	1.7983	2.6285	2.1034	2.2090	3.2282
Sb-128	8.5428	8.0024	7.1836	6.5091	9.6879	7.7624	8.4402	12.3027
Sb-128m	5.5112	5.1312	4.6989	4.1721	6.1685	4.9830	5.5222	7.7213
Sb-129	2.8420	2.6733	2.4019	2.2067	3.2655	2.6384	2.8002	4.3596
Sb-130m	5.9843	5.6602	5.0494	4.7001	6.8587	5.5627	5.7988	8.9375
Sb-130	8.9371	8.3993	7.6828	6.9392	10.1192	8.1566	8.7562	12.4016
Sb-131	3.4287	3.2131	2.9085	2.6573	3.9388	3.1908	3.4858	5.3071
Sb-133	3.5229	3.2858	3.0204	2.7399	4.0535	3.3135	3.6200	5.6873
Sc-42m	5.1063	4.7928	4.5369	3.9731	5.8995	4.7081	5.0758	7.9103
Sc-43	0.4648	0.4258	0.4520	0.3476	0.5071	0.3887	0.4416	0.5805
Sc-44	1.5988	1.5261	1.3679	1.2510	1.8751	1.4994	1.6589	2.6273
Sc-44m	1.7753	1.6747	1.6071	1.3860	1.9465	1.7461	1.7507	2.0368
Sc-46	3.2644	3.1071	2.7722	2.5361	3.8083	3.0693	3.2986	5.2570
Sc-47	1.2421	1.2026	1.0575	0.9772	1.4335	1.0926	1.2355	1.1157
Sc-48	4.9261	4.6936	4.2100	3.8341	5.7819	4.6363	5.0890	7.8952
Sc-49	0.0009	0.0008	0.0008	0.0007	0.0010	0.0009	0.0010	0.0016
Sc-50	5.0348	4.7219	4.2741	3.9476	5.8514	4.6832	5.0733	7.7969
Se-70	3.8384	3.0650	3.6004	3.7964	3.5444	2.5365	3.3647	4.0889
Se-71	1.8383	1.7559	1.6056	1.5184	2.0814	1.6341	1.8881	2.3036
Se-72	2.4970	1.8027	2.2985	2.6795	2.1119	1.3827	2.2048	2.3293
Se-73	3.6586	3.1844	3.2038	3.0641	3.7859	3.0547	3.7024	3.9083
Se-73m	0.5562	0.4508	0.5162	0.5476	0.5149	0.3893	0.5172	0.6105
Se-75	4.6544	4.1077	4.3178	4.2917	4.5975	3.6951	4.5309	4.9140
Se-77m	1.4514	1.2788	1.3247	1.3480	1.4886	1.1022	1.3838	1.3801
Se-79m	1.0072	0.7487	1.0108	1.1615	0.8116	0.5679	0.9341	1.0388
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0370	0.0348	0.0327	0.0283	0.0412	0.0348	0.0369	0.0459
Se-81m	1.0685	0.8087	1.0695	1.2174	0.8691	0.6241	1.0050	1.1074
Se-83m	1.6878	1.5781	1.4652	1.2875	1.9356	1.5513	1.7242	2.5600

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	6.1224	5.7440	5.3569	4.7058	6.9644	5.5933	6.0135	8.6644
Se-84	2.0118	1.8936	1.9883	1.4998	2.2865	1.7429	1.8232	2.7182
Si-31	0.0011	0.0010	0.0009	0.0008	0.0013	0.0010	0.0011	0.0018
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	3.1867	2.8821	2.7566	2.4984	3.4836	2.8011	3.2565	3.8011
Sm-140	2.2491	1.8903	1.8738	1.9157	2.3537	1.7472	2.4159	2.2524
Sm-141	2.8977	2.5928	2.6266	2.2845	3.2030	2.4229	2.8628	3.6989
Sm-141m	5.5009	4.9784	4.6518	4.4332	6.0933	4.7530	5.4204	6.7797
Sm-142	1.2939	0.9755	1.0371	1.1475	1.2749	0.8609	1.4512	1.0202
Sm-143	0.8259	0.6341	0.6655	0.7260	0.8245	0.5670	0.9213	0.6999
Sm-143m	1.6742	1.5504	1.3772	1.3071	1.8881	1.5255	1.6237	2.5299
Sm-145	2.6411	2.0094	2.0962	2.3453	2.6244	1.8282	2.9742	2.0699
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0031	0.0021	0.0028	0.0034	0.0022	0.0015	0.0023	0.0028
Sm-153	1.6626	1.3834	1.3732	1.4801	1.6757	1.2427	1.8684	1.4229
Sm-155	1.6504	1.5270	1.4173	1.4497	1.6497	1.3897	1.8816	1.6174
Sm-156	1.6697	1.4798	1.3905	1.4532	1.7209	1.3402	1.6548	1.5607
Sm-157	2.5072	2.3321	2.1358	2.0526	2.7907	2.2161	2.4028	2.6873
Sn-106	4.6819	4.4342	4.3848	4.2878	5.3081	4.2325	4.5111	5.5035
Sn-108	4.6461	4.3727	4.4250	4.2574	5.1970	4.1390	4.4441	5.0844
Sn-109	3.9067	3.6353	3.5585	3.5723	4.4630	3.5339	3.9243	5.2604
Sn-110	3.0464	2.8453	2.9099	2.9273	3.3674	2.7643	3.0015	2.9481
Sn-111	1.0157	0.9422	1.0112	1.2038	1.1469	0.8679	0.9677	0.9287
Sn-113	1.1586	1.0764	1.1944	1.4851	1.3021	0.9717	1.0809	0.8489
Sn-113m	0.8048	0.7479	0.8380	1.0420	0.8935	0.6653	0.7804	0.6284
Sn-117m	2.6572	2.5391	2.4706	2.6319	3.0302	2.2896	2.6304	2.2653
Sn-119m	0.9834	0.8933	1.0170	1.2652	1.0604	0.7822	0.9177	0.7618
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3302	0.2783	0.3172	0.3897	0.3319	0.2410	0.3175	0.2745
Sn-123	0.0102	0.0098	0.0088	0.0079	0.0120	0.0096	0.0106	0.0165
Sn-123m	1.7274	1.6617	1.4957	1.4376	1.9826	1.5105	1.7142	1.5404
Sn-125m	2.0290	1.8602	1.8796	1.4756	2.2076	1.7255	2.1394	2.2874
Sn-125	0.5534	0.5227	0.4746	0.4281	0.6407	0.5152	0.5608	0.8672
Sn-126	1.5502	1.3963	1.3228	1.5695	1.6225	1.2543	1.6537	1.3098
Sn-127m	2.1497	2.0419	1.8566	1.6743	2.5031	1.9034	2.0255	2.9303
Sn-127	3.6367	3.4359	3.1452	2.8706	4.1858	3.3697	3.6438	5.3861
Sn-128	5.0494	4.6622	4.6070	5.0060	5.6916	4.2837	5.0304	5.2730
Sn-129	2.1913	2.0530	1.8025	1.6650	2.5105	2.0142	2.1923	3.3179

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	4.7340	4.4558	4.0581	4.1344	5.3380	4.3439	4.5950	5.4624
Sn-130m	2.8638	2.6847	2.4976	2.5624	3.2359	2.5669	2.9585	3.4981
Sr-79	1.9187	1.7642	1.8703	1.8138	2.1032	1.6364	2.1950	1.9888
Sr-80	1.8475	1.7691	1.9829	1.9402	2.1659	1.6684	2.0086	2.3599
Sr-81	2.7056	2.6162	2.4602	2.2769	3.1158	2.4217	2.7367	3.0798
Sr-82	0.5942	0.5840	0.9538	1.0255	0.7325	0.5388	0.8195	0.6981
Sr-83	2.1776	2.0758	2.5110	2.4421	2.5512	1.9717	2.4356	2.9619
Sr-85	2.7206	2.6077	2.7652	2.6883	3.2139	2.4196	2.8304	3.5753
Sr-85m	1.9312	1.8609	1.7719	1.6654	2.1597	1.9028	1.8353	2.1028
Sr-87m	1.7016	1.6015	1.7644	1.3605	1.9267	1.4735	1.6082	2.2076
Sr-89	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3676	1.2934	1.1473	1.0523	1.5822	1.2768	1.3688	2.1271
Sr-92	1.6003	1.5026	1.3726	1.2672	1.8573	1.5269	1.6562	2.6473
Sr-93	4.6563	4.3902	4.0023	3.6874	5.3592	4.3035	4.6350	6.8199
Sr-94	1.5878	1.4749	1.3456	1.2595	1.8354	1.5199	1.6520	2.6684
Ta-170	2.2217	1.9050	1.8644	2.0278	2.2237	1.8235	2.1548	2.3966
Ta-172	4.8232	4.2676	4.0597	4.2225	5.1117	4.1716	4.7016	5.7040
Ta-173	3.9592	3.2973	3.2579	3.7373	3.9986	3.1862	3.8349	3.8867
Ta-174	3.8752	3.3530	3.2223	3.5205	3.9927	3.2448	3.6863	4.0585
Ta-175	5.1648	4.5098	4.3520	4.6574	5.4849	4.4570	5.1426	5.6336
Ta-176	4.9439	4.2914	4.1282	4.3656	5.2554	4.2477	4.9371	6.2740
Ta-177	1.8563	1.5188	1.5213	1.8379	1.8583	1.5061	1.8305	1.6502
Ta-178	1.9577	1.5848	1.5975	1.9312	1.9373	1.5603	1.9123	1.7733
Ta-178m	10.3433	9.2488	9.0087	8.6750	10.9611	8.7310	10.2547	10.9268
Ta-179	1.0659	0.8210	0.8823	1.0792	0.9869	0.7722	0.9844	0.9516
Ta-180	1.6072	1.2937	1.3099	1.5963	1.5808	1.2740	1.5666	1.4160
Ta-182	4.2210	3.7544	3.4474	3.6510	4.4694	3.7041	4.3346	5.0054
Ta-182m	5.0119	4.2278	4.2086	4.6415	4.9561	3.8829	4.7337	4.6209
Ta-183	4.7726	4.0102	4.0354	4.3767	4.6673	3.8393	4.5915	4.6203
Ta-184	7.4541	6.7699	6.6315	6.1298	7.9828	6.4954	7.1314	9.1671
Ta-185	2.6456	2.2181	2.1913	2.4291	2.5844	2.0637	2.4717	2.4831
Ta-186	6.6397	6.1958	5.6596	5.4116	7.3377	5.9351	6.3819	8.1259
Tb-146	3.5081	3.1789	3.0141	2.8262	4.0023	3.2541	3.6654	5.4640
Tb-147m	2.4870	2.1682	2.1102	2.1091	2.7597	2.1315	2.6294	3.4062
Tb-147	4.5158	4.1198	3.8625	3.7574	5.0789	3.9020	4.7198	5.9346
Tb-148m	8.3499	7.6991	7.2679	6.5573	9.4214	7.3708	8.1311	11.7139
Tb-148	3.6075	3.2778	3.0354	2.9051	4.0604	3.2055	3.5980	5.2108
Tb-149m	3.6420	3.2564	3.0247	2.9999	4.0382	3.1235	3.6133	4.8019
Tb-149	4.3669	3.9069	3.8014	3.5522	4.8333	3.6746	4.4016	5.2692

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	8.8840	8.1575	7.5527	6.9640	10.0284	7.7041	8.7302	11.7604
Tb-150	4.1986	3.7400	3.5179	3.4044	4.6893	3.6371	4.3190	5.7699
Tb-151	6.0015	5.3556	5.2267	5.0124	6.5406	5.0481	6.0579	6.6816
Tb-151m	1.4157	1.0703	1.2714	1.4353	1.2567	0.8506	1.1851	1.3936
Tb-152m	5.4665	4.8459	4.8367	4.5661	5.9432	4.5627	5.4573	5.8653
Tb-152	4.0127	3.5499	3.5378	3.2307	4.3921	3.3609	4.1420	4.8321
Tb-153	3.6190	3.1038	3.0692	3.1946	3.8199	2.8314	3.6928	3.4521
Tb-154	4.4053	3.8780	3.7773	3.7745	4.8294	3.7005	4.6781	5.6437
Tb-155	3.5268	3.0110	2.9671	3.1635	3.6667	2.6789	3.7646	3.1119
Tb-156	6.8424	6.1406	5.8236	5.6893	7.5606	5.7475	6.8673	8.2284
Tb-156m	0.8641	0.7867	0.8130	0.9412	1.1128	0.7378	0.8495	0.7248
Tb-156n	0.4233	0.2914	0.3685	0.4358	0.3212	0.2092	0.3444	0.3944
Tb-157	0.4462	0.3110	0.3859	0.4512	0.3587	0.2325	0.3839	0.4021
Tb-158	3.3637	2.9003	2.8277	2.9215	3.6109	2.6603	3.4362	3.7940
Tb-160	3.0319	2.7831	2.6033	2.4612	3.3655	2.6605	3.0622	4.0014
Tb-161	1.4590	1.2109	1.3211	1.5747	1.4928	1.0484	1.3981	1.2377
Tb-162	4.0708	3.7984	3.5167	3.2980	4.5243	3.8146	3.9297	5.2239
Tb-163	3.9553	3.6800	3.6124	3.0263	4.4463	3.4302	3.8093	5.0021
Tb-164	6.6773	6.1834	5.6538	5.3443	7.4867	5.9853	6.5535	8.9583
Tb-165	1.5115	1.3780	1.2962	1.2514	1.6844	1.3244	1.4776	2.1970
Tc-101	2.1084	1.9480	1.9014	1.5656	2.2993	1.8496	2.2278	2.3258
Tc-102m	4.6538	4.3532	3.9993	3.5901	5.3591	4.2334	4.5901	6.9531
Tc-102	0.2341	0.2214	0.2042	0.1804	0.2709	0.2093	0.2234	0.3314
Tc-104	4.4045	4.0786	3.9446	3.3443	4.9711	3.9607	4.4375	6.2094
Tc-105	3.3511	3.1484	2.9540	2.7867	3.7397	2.9703	3.3642	3.8224
Tc-91	1.4839	1.3482	1.2928	1.1988	1.6841	1.4089	1.5459	2.4159
Tc-91m	1.4183	1.3461	1.2180	1.1275	1.6535	1.2652	1.3483	1.9470
Tc-92	6.8638	6.4387	6.0456	5.5313	7.7429	6.2491	7.0156	8.9683
Tc-93	2.3418	2.1786	2.2718	2.3236	2.7056	2.1465	2.2670	3.0256
Tc-93m	1.9488	1.7916	1.9403	1.6728	2.1952	1.7084	1.8248	2.4883
Tc-94	6.1365	5.7774	5.4076	5.2267	7.0462	5.6458	5.8424	8.7823
Tc-94m	2.1924	2.0563	1.9457	1.8655	2.5220	2.0393	2.1299	3.2521
Tc-95	2.6191	2.4563	2.5013	2.5642	2.9958	2.3587	2.3781	3.1876
Tc-95m	3.3397	3.1691	3.1116	3.1547	3.8139	3.0319	2.9921	3.6363
Tc-96	6.0584	5.7056	5.3898	5.2376	6.9355	5.5864	5.6940	8.6671
Tc-96m	0.6069	0.5329	0.6273	0.7344	0.6655	0.4803	0.4817	0.3940
Tc-97	0.8630	0.8018	1.0324	1.1794	0.9905	0.7199	0.7038	0.4518
Tc-97m	0.7458	0.6505	0.7907	0.9506	0.8178	0.5801	0.5723	0.3745
Tc-98	3.4487	3.2350	2.8064	2.6262	3.9364	3.1785	3.3636	5.2866
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.6563	1.6502	1.5310	1.5240	1.8812	1.4457	1.8092	1.5198
Te-113	1.8713	1.7433	1.6110	1.5130	2.1438	1.7420	1.9009	2.9333
Te-114	3.8289	3.5150	3.4915	3.7304	4.2519	3.3296	3.8377	4.4440
Te-115	2.9838	2.7975	2.5984	2.5129	3.4090	2.7622	2.9975	4.3042
Te-115m	3.4206	3.1805	2.9648	2.8922	3.9019	3.1424	3.4486	5.0950
Te-116	2.5027	2.2857	2.3785	2.8362	2.6856	2.0571	2.5805	2.1774
Te-117	2.7655	2.5460	2.4440	2.5406	3.1140	2.4828	2.7647	3.7488
Te-118	1.1354	1.0239	1.1371	1.4141	1.2378	0.9205	1.1282	0.9131
Te-119	2.8733	2.6487	2.5426	2.7285	3.2257	2.5112	2.8604	3.5298
Te-119m	4.7112	4.4552	4.2481	4.2791	5.3579	4.2306	4.7933	5.5613
Te-121	3.1783	2.9540	2.8439	3.0010	3.6021	2.7409	3.0963	3.7384
Te-121m	2.3851	2.2129	2.1262	2.2695	2.6078	2.1298	2.2142	2.3421
Te-123	0.0959	0.0619	0.0846	0.1018	0.0633	0.0402	0.0701	0.0925
Te-123m	2.3662	2.1905	2.0948	2.1862	2.6248	1.9754	2.3478	2.0710
Te-125m	2.0067	1.7135	1.8895	2.3412	2.0946	1.5415	2.0189	1.6617
Te-127	0.0263	0.0246	0.0252	0.0205	0.0297	0.0228	0.0243	0.0335
Te-127m	0.6633	0.5594	0.6246	0.7746	0.6764	0.4968	0.6513	0.5565
Te-129	0.5958	0.5168	0.5497	0.5963	0.6171	0.4602	0.5566	0.6289
Te-129m	0.5466	0.4708	0.5082	0.6124	0.5703	0.4251	0.5386	0.5067
Te-131	2.3404	2.2390	2.0680	1.9556	2.6685	2.0463	2.3761	2.5898
Te-131m	3.9025	3.6512	3.3489	3.2045	4.3833	3.5503	3.8648	5.3685
Te-132	3.0303	2.7640	2.7037	2.8843	3.3118	2.7279	2.9199	2.9812
Te-133	3.1457	2.9138	2.8246	2.3671	3.5139	2.7991	3.2128	4.2035
Te-133m	4.4457	4.1492	3.8265	3.5663	5.0366	4.0488	4.4349	6.2468
Te-134	4.1839	3.9175	3.5827	3.4471	4.7002	3.7331	4.0663	5.0550
Th-223	1.7634	1.5834	1.7033	1.8415	1.7682	1.3500	1.8959	1.6799
Th-224	0.2757	0.2579	0.2557	0.2526	0.3004	0.2342	0.2668	0.2691
Th-226	0.2376	0.2115	0.2569	0.2767	0.2360	0.1819	0.2426	0.2301
Th-227	2.1891	1.9299	2.2798	2.3760	2.2407	1.7449	2.1566	2.1901
Th-228	0.2094	0.1775	0.2427	0.2694	0.2034	0.1460	0.2043	0.1955
Th-229	2.9450	2.5514	3.0110	3.3120	2.8771	2.1462	3.0023	2.8000
Th-230	1.8849	1.9082	1.7711	1.7647	2.0410	2.0661	1.9566	1.8911
Th-231	1.7828	1.5213	2.0146	2.2932	1.7660	1.2695	1.7203	1.5782
Th-232	1.4135	1.3731	1.3116	1.3324	1.5743	1.5971	1.5259	1.6091
Th-233	0.5922	0.4852	0.5705	0.6296	0.5505	0.4013	0.5456	0.5913
Th-234	0.3669	0.3182	0.3627	0.4127	0.3676	0.2954	0.3841	0.3286
Th-235	0.1990	0.1858	0.1783	0.1618	0.2212	0.1747	0.1934	0.2685
Th-236	0.3741	0.3414	0.3713	0.3825	0.3854	0.3023	0.3856	0.3902
Ti-44	2.9574	2.6915	2.0763	2.5361	3.2602	2.6060	3.4769	2.4109
Ti-45	0.0378	0.0258	0.0330	0.0385	0.0273	0.0184	0.0289	0.0399

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	2.0376	1.8647	1.8496	1.4655	2.2104	1.7374	2.1928	2.2779
Ti-52	2.0463	2.0395	2.0386	2.1314	2.2212	1.7268	2.3340	1.9382
Tl-190	2.9776	2.7182	2.6810	2.4073	3.2719	2.5321	2.8801	3.7715
Tl-190m	7.3475	6.7693	6.3572	5.8265	8.1648	6.4361	7.1963	9.7681
Tl-194	3.2588	2.9264	2.8459	2.7295	3.5086	2.7158	3.2117	3.8820
Tl-194m	9.7140	8.8478	8.3401	7.9695	10.5822	8.3812	9.5239	12.4893
Tl-195	4.5002	3.8472	3.8098	4.0940	4.5579	3.5886	4.5269	5.2356
Tl-196	5.0344	4.5167	4.3724	4.1887	5.4595	4.3016	5.0371	6.4436
Tl-197	3.3991	2.9484	2.8278	3.0799	3.4892	2.7281	3.5110	3.5255
Tl-198	5.4416	4.8748	4.7408	4.5442	5.8858	4.6485	5.4641	7.0043
Tl-198m	6.7366	6.0241	5.8508	5.6975	7.1724	5.6199	6.6172	8.0858
Tl-199	3.3175	2.8699	2.7599	3.0376	3.3728	2.6720	3.3751	3.2537
Tl-200	5.1463	4.6122	4.4844	4.2926	5.5159	4.3275	5.2227	6.2235
Tl-201	2.6957	2.2389	2.2154	2.6110	2.6065	2.0113	2.7841	2.4249
Tl-202	3.7795	3.3553	3.2944	3.2575	4.0060	3.0797	3.7280	4.2286
Tl-204	0.0441	0.0358	0.0362	0.0435	0.0415	0.0319	0.0453	0.0397
Tl-206m	9.5475	8.9598	8.3450	7.6264	10.7049	8.7560	9.2268	12.2733
Tl-206	0.0020	0.0017	0.0016	0.0019	0.0020	0.0015	0.0021	0.0018
Tl-207	0.0045	0.0043	0.0038	0.0035	0.0052	0.0042	0.0045	0.0071
Tl-208	4.1872	3.8261	3.5456	3.2491	4.7261	3.8539	4.2998	6.4055
Tl-209	5.4637	5.1504	4.8501	4.6021	6.0992	4.8748	5.7132	7.1822
Tl-210	5.8580	5.3823	5.1460	4.7247	6.4602	5.2768	5.9324	8.2881
Tm-161	6.1300	5.3469	5.3707	5.8087	6.7395	5.0028	6.0666	6.2791
Tm-162	3.3099	2.9413	2.8662	2.9397	3.6327	2.8443	3.3100	4.2764
Tm-163	5.2225	4.6364	4.5521	4.7838	5.7911	4.4370	5.1850	5.8952
Tm-164	1.4401	1.2325	1.2568	1.3878	1.5592	1.1445	1.4028	1.5450
Tm-165	4.3243	3.8447	3.8374	3.9191	4.7786	3.6929	4.1593	4.5829
Tm-166	5.0741	4.5148	4.3387	4.4708	5.6069	4.2975	4.9497	6.4356
Tm-167	2.6340	2.2493	2.3028	2.5746	2.8041	2.0737	2.4035	2.4477
Tm-168	5.8562	5.3006	5.0054	5.0866	6.4633	4.9827	5.4879	6.9523
Tm-170	0.1508	0.1192	0.1266	0.1500	0.1391	0.0993	0.1402	0.1365
Tm-171	0.0214	0.0173	0.0181	0.0219	0.0217	0.0164	0.0202	0.0188
Tm-172	1.0617	0.9143	0.8978	0.9426	1.1079	0.8566	1.0347	1.3605
Tm-173	2.0460	1.8975	2.0154	1.5777	2.2985	1.7524	1.8573	2.6673
Tm-174	7.8554	7.2478	7.0028	6.2972	8.6671	6.9407	7.6584	9.3880
Tm-175	3.4891	3.2485	3.0064	2.7877	3.9804	3.0800	3.3648	4.7459
Tm-176	5.3336	4.8729	4.6626	4.3830	5.8735	4.6695	5.2100	6.7584
U-227	1.8389	1.6786	1.8072	1.8622	1.8953	1.5506	1.8845	1.8413
U-228	0.2349	0.2050	0.2682	0.2946	0.2349	0.1744	0.2286	0.2116
U-230	0.2416	0.2068	0.2897	0.3226	0.2404	0.1735	0.2305	0.2136

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	3.3718	2.9722	3.6376	4.0398	3.3621	2.5380	3.4584	3.1060
U-232	0.2229	0.1896	0.2723	0.3037	0.2203	0.1578	0.2117	0.1981
U-233	0.1201	0.1002	0.1437	0.1607	0.1159	0.0824	0.1141	0.1095
U-234	1.0039	1.0153	0.9381	0.9327	1.0878	1.1015	1.0402	1.0271
U-235	1.9513	1.9713	1.8512	1.8433	2.1069	2.1336	2.0379	2.0188
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1832	0.1555	0.2249	0.2507	0.1806	0.1288	0.1738	0.1634
U-237	3.1924	2.8409	3.0641	3.3816	3.2560	2.6435	3.2250	2.9160
U-238	1.3120	1.3017	1.2275	1.2427	1.4416	1.4681	1.3860	1.3900
U-239	1.0781	0.9761	0.8897	1.0406	1.1835	0.8944	1.2109	0.8893
U-240	0.6658	0.5538	0.7414	0.8402	0.6413	0.4597	0.6113	0.5709
U-242	0.3923	0.3581	0.3237	0.3546	0.4398	0.3676	0.4210	0.3814
V-47	0.0197	0.0155	0.0171	0.0181	0.0179	0.0138	0.0174	0.0244
V-48	3.4457	3.2333	2.9455	2.7242	3.9679	3.1798	3.5237	5.5405
V-49	0.2676	0.1713	0.2354	0.2832	0.1742	0.1101	0.1941	0.2591
V-50	1.7444	1.5290	1.4803	1.4507	1.8847	1.5654	1.7311	2.7674
V-52	1.5166	1.4059	1.2896	1.2082	1.7548	1.4586	1.5893	2.5722
V-53	1.6573	1.5802	1.4211	1.2800	1.9503	1.5569	1.7136	2.6205
W-177	7.1123	6.1836	6.0286	6.4663	7.3049	5.9028	7.0855	7.4728
W-178	0.8971	0.6579	0.7494	0.9146	0.7559	0.5768	0.7879	0.8201
W-179	2.3950	1.8419	1.9627	2.4148	2.2047	1.7383	2.2621	2.1310
W-179m	1.5038	1.2074	1.2041	1.4467	1.4363	1.2046	1.4501	1.3591
W-181	1.4961	1.1772	1.2030	1.4836	1.4250	1.1630	1.4423	1.3164
W-185m	1.7463	1.2349	1.5134	1.7958	1.3287	0.9428	1.4302	1.6613
W-185	0.0013	0.0011	0.0010	0.0012	0.0013	0.0011	0.0014	0.0012
W-187	2.1930	1.9894	1.7913	1.8320	2.3995	1.9313	2.2019	2.6507
W-188	0.0207	0.0180	0.0177	0.0177	0.0210	0.0180	0.0203	0.0211
W-190	3.4588	2.8966	2.7431	3.1739	3.4554	2.8694	3.4623	3.0425
Xe-120	3.7576	3.3549	3.3744	3.8022	4.0652	3.0982	3.7929	3.7113
Xe-121	2.7354	2.4754	2.4277	2.4724	2.9869	2.3868	2.8182	3.2465
Xe-122	1.5895	1.3501	1.4447	1.6813	1.6522	1.2292	1.6130	1.4252
Xe-123	2.8705	2.6034	2.5496	2.7134	3.1296	2.3872	2.9444	2.8272
Xe-125	3.5031	3.1440	3.0942	3.3859	3.7847	3.0078	3.4048	3.3574
Xe-127	3.5328	3.2091	3.1121	3.2955	3.8376	3.0035	3.3805	3.3964
Xe-127m	2.7627	2.5889	2.4933	2.6757	2.9824	2.2922	3.0023	2.5847
Xe-129m	2.3637	1.8948	2.0400	2.4900	2.3611	1.7188	2.4299	2.0225
Xe-131m	1.0078	0.8051	0.8751	1.0724	0.9958	0.7237	1.0210	0.8685
Xe-133	1.4387	1.2141	1.1360	1.3644	1.4842	1.0608	1.5850	1.2266
Xe-133m	1.1578	0.9527	1.0085	1.1946	1.1680	0.8871	1.1615	1.0413
Xe-135	1.8745	1.7899	1.6862	1.5263	2.0753	1.9459	1.7715	2.1649

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.9546	1.8213	1.6540	1.5825	2.2361	1.6939	1.8702	2.5489
Xe-137	0.7222	0.6821	0.6571	0.5533	0.8317	0.6349	0.6736	0.9866
Xe-138	2.4163	2.1958	2.1626	1.9498	2.6344	2.1883	2.3438	3.2680
Y-81	2.2034	2.1738	2.2598	2.2868	2.4786	1.8996	2.5266	2.2391
Y-83	1.5545	1.4466	1.6496	1.6544	1.7895	1.3764	1.6890	1.9023
Y-83m	1.8135	1.7465	1.8095	1.6140	2.0634	1.7638	1.7628	2.1384
Y-84m	5.4819	5.1851	4.6689	4.2985	6.3488	5.1283	5.4677	8.6471
Y-85	1.7503	1.6797	1.6510	1.5584	2.0573	1.5636	1.7181	2.3196
Y-85m	1.5367	1.4632	1.5124	1.4536	1.7763	1.4611	1.5847	2.1260
Y-86	5.8059	5.4834	5.2611	4.8780	6.7276	5.3798	5.9564	8.8017
Y-86m	1.7520	1.6939	1.5095	1.4575	1.9665	1.6682	1.5587	1.8427
Y-87	2.6320	2.5435	2.7605	2.6228	3.1091	2.3447	2.6527	3.3158
Y-87m	1.6571	1.5622	1.7168	1.3407	1.8745	1.4385	1.5876	2.0783
Y-88	3.7396	3.4983	3.6380	3.5080	4.3316	3.5227	3.9752	5.7916
Y-89m	1.6606	1.5759	1.4081	1.2917	1.9277	1.5606	1.6495	2.6344
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.7570	3.6140	3.2831	3.0289	4.3162	3.4238	3.4182	4.4861
Y-91	0.0040	0.0039	0.0035	0.0032	0.0048	0.0038	0.0042	0.0068
Y-91m	1.9602	1.8588	1.6583	1.5336	2.2766	1.7497	1.8868	2.7110
Y-92	0.4546	0.4298	0.3891	0.3528	0.5278	0.4225	0.4524	0.7066
Y-93	0.2381	0.2242	0.2111	0.1868	0.2668	0.2336	0.2382	0.3169
Y-94	1.3136	1.2410	1.1182	1.0172	1.5227	1.2283	1.3156	2.0737
Y-95	0.9482	0.8677	0.8223	0.7393	1.0851	0.9046	1.0121	1.6209
Yb-162	3.2875	2.9478	2.9047	3.1226	3.5765	2.6697	3.2491	3.1438
Yb-163	2.5156	2.1353	2.1904	2.4115	2.6477	1.9924	2.3810	2.7291
Yb-164	1.3681	1.1444	1.2148	1.4305	1.4940	1.0601	1.2830	1.2132
Yb-165	3.9591	3.2581	3.4012	3.9667	4.0168	2.8560	3.7310	3.6821
Yb-166	2.5495	2.1481	2.2313	2.6468	2.7769	1.9662	2.4360	2.2215
Yb-167	5.6442	4.8829	4.9923	5.6358	5.8721	4.3961	5.5383	5.2154
Yb-169	6.2111	5.4140	5.3238	6.0298	6.7135	5.1969	6.0719	5.6391
Yb-175	0.2972	0.2718	0.2766	0.2485	0.3234	0.2581	0.2903	0.3374
Yb-177	0.9422	0.8770	0.8147	0.8319	1.0523	0.8218	0.9722	1.0107
Yb-178	0.2328	0.2096	0.2232	0.1807	0.2508	0.1912	0.2209	0.2814
Yb-179	3.6071	3.3539	3.0586	2.8116	4.0894	3.1858	3.5335	4.8451
Zn-60	2.0550	1.8796	1.6756	1.6215	2.2838	1.9113	2.0883	2.6383
Zn-61	0.8217	0.7596	0.7130	0.6432	0.9369	0.7483	0.8144	1.2437
Zn-62	2.6687	2.1594	2.2657	2.3596	2.5458	1.8529	2.4279	3.0171
Zn-63	0.3491	0.3084	0.2935	0.2866	0.3694	0.2896	0.3317	0.5033
Zn-65	1.7113	1.3499	1.4863	1.5852	1.5380	1.1303	1.4932	2.1879
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	2.0058	1.8792	1.8840	1.5341	2.2744	1.7235	1.8290	2.6840
Zn-71	1.0737	1.0223	0.9280	0.8398	1.2434	0.9579	1.0356	1.4845
Zn-71m	5.8866	5.5545	5.2472	4.4770	6.7442	5.2003	5.6294	8.0540
Zn-72	3.0527	2.6079	2.7527	2.9291	2.8946	2.1314	2.8570	2.8758
Zr-85	1.7969	1.7014	1.6951	1.4206	2.0680	1.5994	1.6964	2.4701
Zr-86	3.4348	3.3849	3.9058	3.8960	4.0030	3.3973	3.4787	3.4826
Zr-87	0.2317	0.2318	0.2851	0.2859	0.2818	0.2206	0.2507	0.2859
Zr-88	2.5420	2.4593	2.9392	2.4894	2.9589	2.2585	2.4641	3.0568
Zr-89	2.1804	2.1203	2.2236	2.1433	2.5838	2.0602	2.2347	3.0784
Zr-89m	1.8438	1.7412	1.5606	1.4565	2.1330	1.6661	1.8100	2.6153
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6842	1.5836	1.3843	1.2971	1.9202	1.5667	1.6179	2.6375
Zr-97	2.0358	1.9172	1.6998	1.5805	2.3267	1.8887	1.9652	3.1233

Table 11: Adobe 15 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.3770	0.3335	0.4193	0.3272	0.2970	0.2682	0.4815	0.3845
Ac-224	3.6564	3.5788	3.6904	3.1561	3.3418	3.0539	5.0442	2.8620
Ac-225	0.5019	0.4487	0.5155	0.4140	0.3902	0.3588	0.5698	0.4960
Ac-226	1.7276	1.7813	1.7783	1.4352	1.5882	1.5173	2.4831	1.3679
Ac-227	0.1090	0.0872	0.1247	0.0927	0.0686	0.0625	0.1082	0.1382
Ac-228	2.8387	2.4276	4.0771	3.0253	2.6722	2.2934	5.5371	2.8505
Ac-230	1.2777	1.0637	1.5839	1.3607	1.1851	0.9390	2.7167	1.3825
Ac-231	3.9586	3.9257	4.6402	3.5654	3.7576	3.5761	6.4355	3.0762
Ac-232	1.9596	1.5937	2.3057	2.1895	1.7918	1.3579	4.5871	2.2085
Ac-233	2.3477	2.2418	3.1459	2.4310	2.3317	1.7962	5.6512	2.7475
Ag-100m	3.4551	3.0263	4.5592	4.0093	3.3628	2.4618	9.9708	4.3676
Ag-101	3.1106	2.9827	3.8225	3.0520	2.9990	2.5060	6.8625	3.2031
Ag-102m	2.3375	1.9736	2.6997	2.6991	2.2640	1.6751	5.7723	2.6609
Ag-102	5.5956	4.8943	7.4317	6.3751	5.5136	4.1792	14.5487	6.6478
Ag-103	3.3203	3.1792	3.5314	3.2086	3.1431	2.8580	5.4331	2.8932
Ag-104	6.9698	6.0297	10.0444	8.0232	6.8501	5.4266	16.6191	7.9810
Ag-104m	3.0353	2.7922	3.6882	3.2194	2.9495	2.2534	7.3993	3.5357
Ag-105	3.8382	3.6471	4.4911	3.6041	3.5958	3.3531	6.3782	3.3609
Ag-105m	0.0450	0.0343	0.0572	0.0441	0.0288	0.0257	0.0521	0.0586
Ag-106	0.8442	0.7789	0.9250	0.8006	0.7798	0.6799	1.3104	0.8215
Ag-106m	8.7839	7.8155	12.1083	9.5828	8.6570	6.9252	20.2750	9.6400
Ag-108	0.0768	0.0755	0.0840	0.0717	0.0703	0.0560	0.1811	0.0912
Ag-108m	6.5872	6.3160	8.5939	6.7576	6.3593	5.0129	16.4211	7.7667
Ag-109m	0.5803	0.4946	0.4447	0.5454	0.4835	0.4717	0.4628	0.4659
Ag-110	0.0912	0.0916	0.1172	0.0954	0.0872	0.0612	0.2984	0.1312
Ag-110m	6.0776	5.2458	9.2816	7.2685	6.0326	4.5138	17.3271	7.6680
Ag-111	0.1745	0.1707	0.2363	0.1701	0.1719	0.1677	0.3296	0.1396
Ag-111m	0.3294	0.2809	0.2664	0.3102	0.2687	0.2620	0.2744	0.2842
Ag-112	1.4165	1.3332	1.7094	1.5246	1.3684	0.9620	4.3980	1.8927
Ag-113m	1.2774	1.2278	1.6842	1.2815	1.2359	1.1637	2.5008	1.1462
Ag-113	0.3816	0.3702	0.5155	0.3820	0.3738	0.3573	0.7674	0.3306
Ag-114	0.6562	0.6109	0.8380	0.7101	0.6503	0.4778	1.8017	0.8072
Ag-115	1.3115	1.2471	1.5683	1.3232	1.2809	1.0890	2.7709	1.2460
Ag-116	3.7776	3.2717	4.8729	4.3600	3.7800	2.8076	9.5950	4.3906
Ag-117	2.5637	2.2830	2.9016	2.8621	2.5069	2.1610	5.1893	2.3380
Ag-99	3.7288	3.3858	4.9857	4.0030	3.6565	3.0705	8.2901	3.8009
Al-26	1.7740	1.2352	1.7133	2.2448	1.6990	1.2659	4.0623	1.6615
Al-28	1.7193	1.1999	1.6350	2.1513	1.6495	1.2530	3.8439	1.5835
Al-29	1.8132	1.2687	2.1723	2.2913	1.8084	1.1986	5.7509	2.2582

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	4.1267	3.9247	4.6047	3.7284	3.7785	3.4361	6.2399	3.4038
Am-238	3.9650	3.4700	4.9857	3.9961	3.6802	3.1014	7.0741	3.6862
Am-239	4.5297	4.2544	4.6263	3.9428	3.9939	3.6375	5.8463	3.6172
Am-240	4.2776	3.5976	5.8341	4.3587	3.9226	3.3397	7.2029	3.9500
Am-241	1.2358	1.2383	1.2106	1.1746	1.2353	1.2251	1.1616	1.1589
Am-242	0.6727	0.6074	0.6614	0.5439	0.5400	0.5032	0.6876	0.6066
Am-242m	0.4472	0.3912	0.4515	0.3378	0.3192	0.3070	0.3826	0.4770
Am-243	1.4912	1.3474	1.2982	1.2899	1.3947	1.1610	1.7722	1.0886
Am-244	3.9430	3.4978	5.1902	4.0255	3.5222	3.0619	6.9940	4.2583
Am-244m	0.2571	0.2254	0.2711	0.2063	0.1983	0.1860	0.2635	0.2594
Am-245	0.5118	0.4999	0.5278	0.4414	0.4599	0.4205	0.7122	0.4286
Am-246	5.4019	5.1708	6.1639	4.9100	4.7439	4.2552	8.9875	5.5474
Am-246m	2.4479	1.9514	3.7644	2.8173	2.3481	1.8879	5.3736	2.6352
Am-247	1.8657	1.8107	1.9946	1.6712	1.7075	1.5955	2.6500	1.4959
Ar-37	0.0460	0.0332	0.0595	0.0452	0.0262	0.0223	0.0499	0.0654
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.7766	1.2412	2.1316	2.2175	1.7746	1.1955	5.6110	2.1942
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	2.2531	1.7430	3.2399	2.7765	2.2510	1.6870	5.7915	2.4996
Ar-44	3.3218	2.9237	3.5082	3.5706	3.2388	2.8189	6.4320	2.7626
As-68	4.3859	3.5158	6.3947	5.2925	4.3452	3.2334	11.7708	5.0512
As-69	0.7029	0.6628	0.8237	0.6878	0.6580	0.5803	1.2823	0.6478
As-70	5.8261	4.6525	8.4428	6.9386	5.7529	4.3136	15.3109	6.5547
As-71	2.6706	2.6403	3.0065	2.4782	2.3753	2.3117	3.9124	2.3541
As-72	1.9367	1.5344	3.3702	2.5543	1.9217	1.5002	4.8956	2.3821
As-73	1.7860	1.3167	2.2301	1.7988	1.0779	0.9062	1.9162	2.4188
As-74	1.8268	1.7874	2.2736	1.8198	1.6558	1.1850	5.2432	2.5586
As-76	1.3241	1.2678	1.7253	1.3960	1.3128	0.9613	3.7421	1.6732
As-77	0.0642	0.0677	0.0748	0.0554	0.0625	0.0555	0.1214	0.0574
As-78	2.6524	2.3769	3.4471	2.9932	2.5967	1.8580	7.9823	3.4340
As-79	0.1293	0.1188	0.1964	0.1389	0.1304	0.1102	0.2938	0.1299
At-204	8.8953	8.3903	11.8901	9.2288	8.7070	6.8507	21.3948	10.0581
At-205	4.0762	3.6548	4.9291	4.1973	3.8543	3.1061	8.5244	4.2079
At-206	8.8925	8.2142	12.0329	9.2996	8.7156	6.9773	20.4804	9.5579
At-207	6.4006	5.6122	8.1593	6.8752	6.1381	4.9250	13.8726	6.6916
At-208	9.7788	9.0144	12.5844	10.3268	9.3733	7.4314	23.3861	10.9212
At-209	9.2316	8.2242	12.5802	10.0842	8.9613	7.2597	19.7083	9.8446
At-210	7.5113	6.3970	8.6587	7.6988	7.1515	5.7718	15.8660	7.3558
At-211	0.9178	0.8140	0.8648	0.8096	0.8120	0.6912	1.1746	0.7500
At-215	0.0010	0.0010	0.0014	0.0010	0.0010	0.0009	0.0021	0.0009

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0483	0.0442	0.0469	0.0433	0.0441	0.0382	0.0649	0.0382
At-217	0.0022	0.0022	0.0024	0.0019	0.0021	0.0018	0.0040	0.0020
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	3.1354	3.2320	3.8271	2.7718	3.0275	2.7305	6.1183	2.8263
Au-186	4.6812	4.4287	5.6599	4.5774	4.4957	3.9381	8.4746	4.1919
Au-187	3.8244	3.2937	4.2480	3.8262	3.5184	2.8078	6.7170	3.7082
Au-190	5.6620	5.0343	6.6098	5.8922	5.4048	4.5888	10.8776	5.2519
Au-191	4.9164	4.6051	5.5833	4.5812	4.5838	3.8379	8.3424	4.5972
Au-192	5.2425	4.5413	6.1493	5.5184	4.9930	4.2914	9.6819	4.6880
Au-193	2.9975	2.7484	2.9899	2.6532	2.7215	2.2945	3.7752	2.4921
Au-193m	2.3530	2.3213	2.6657	1.9953	2.0872	1.8660	3.7482	2.2210
Au-194	4.2482	3.7449	5.0133	4.2809	4.0244	3.5122	7.3658	3.6916
Au-195	2.5311	2.1767	2.4790	2.2725	2.1708	1.7697	2.8352	2.2254
Au-195m	2.3740	2.3263	2.7063	2.0349	2.1079	1.8954	3.7628	2.2253
Au-196	4.0683	3.7705	5.0067	3.8744	3.8777	3.5071	6.6546	3.3590
Au-196m	4.7315	4.4665	4.8260	4.2367	4.1220	3.7916	5.8771	4.1033
Au-198	2.1435	2.0859	3.0028	2.0369	2.1493	1.8175	4.6600	2.0187
Au-198m	7.1088	7.0127	7.4745	6.1896	6.6063	6.0558	9.9370	5.3711
Au-199	1.4785	1.5211	1.4216	1.3205	1.3766	1.3633	1.8926	1.0785
Au-200	0.7241	0.6239	0.9709	0.7818	0.7196	0.5932	1.7702	0.7247
Au-200m	10.1031	9.8948	13.2902	10.1033	9.9404	8.5029	21.6391	10.1651
Au-201	0.2437	0.2239	0.2962	0.2379	0.2165	0.1767	0.4686	0.2736
Au-202	0.4899	0.4271	0.7028	0.5352	0.4936	0.3885	1.1849	0.5170
Ba-124	2.5581	2.3130	2.5239	2.6759	2.4115	1.9855	3.7149	2.0024
Ba-126	3.2564	2.9774	3.5486	3.3613	3.0956	2.4998	5.5787	2.8341
Ba-127	1.3960	1.2469	1.1703	1.4607	1.2988	1.0530	1.7245	1.0066
Ba-128	1.4725	1.2852	1.1585	1.5479	1.3340	1.0469	1.5444	1.0307
Ba-129	1.5724	1.4068	1.2981	1.6317	1.4407	1.1493	1.8602	1.1625
Ba-129m	6.2965	5.7279	7.5421	6.6411	6.0943	5.0246	12.0006	5.8059
Ba-131	4.2740	4.0024	4.4767	4.3753	4.1103	3.3697	6.7357	3.6219
Ba-131m	1.7490	1.5654	1.5105	1.7880	1.6328	1.3105	2.0819	1.1514
Ba-133	4.5284	4.0981	4.6200	4.6240	4.2972	3.6833	6.3900	3.2919
Ba-133m	1.3409	1.1812	1.2026	1.3577	1.1872	0.9338	1.5493	1.0404
Ba-135m	1.1606	1.0395	0.9689	1.1780	1.0620	0.8163	1.3246	0.8250
Ba-137m	1.8257	1.8168	2.3257	1.9366	1.7481	1.2101	5.8553	2.5806
Ba-139	0.5597	0.6004	0.5088	0.5120	0.5452	0.5500	0.7234	0.3509
Ba-140	1.3268	1.2276	1.5490	1.3534	1.2248	1.0159	2.4230	1.3493
Ba-141	3.8646	3.7432	4.8559	3.8461	3.7992	3.4098	7.7696	3.4413
Ba-142	3.3453	2.9381	4.4971	3.5669	3.3014	2.6755	7.1216	3.1723

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.2521	0.2401	0.3505	0.2597	0.2574	0.2062	0.5629	0.2662
Bi-197	4.6273	3.8199	6.0901	5.0421	4.4147	3.5277	9.3827	4.6289
Bi-200	10.1822	9.2997	13.7841	10.1672	9.9886	8.2388	20.5798	9.6904
Bi-201	4.6762	3.8303	5.9428	5.1093	4.4673	3.5703	9.2988	4.5842
Bi-202	8.9559	7.9743	12.3472	9.4285	8.7293	6.9911	20.0077	9.2445
Bi-203	5.7651	4.7152	7.3872	6.4919	5.5327	4.4199	11.7679	5.7477
Bi-204	8.8104	7.4724	12.6727	9.6731	8.5992	7.0351	18.5632	8.6852
Bi-205	4.4279	3.7240	5.3184	4.7372	4.1680	3.2891	9.0553	4.4730
Bi-206	10.5018	9.0537	14.7748	11.7780	10.3071	8.3765	22.2876	10.8659
Bi-207	5.3772	4.7528	6.8696	5.5575	5.1614	3.9762	12.0697	5.7558
Bi-208	2.7884	2.2045	2.7903	3.2748	2.5866	1.8686	5.6865	3.0690
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	2.0692	2.0845	2.5255	1.8781	1.9875	1.8668	3.7704	1.7502
Bi-211	0.3277	0.3105	0.4371	0.3206	0.3198	0.3031	0.5999	0.2655
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3596	0.2962	0.4904	0.3921	0.3099	0.2476	0.7350	0.4406
Bi-213	0.7116	0.6774	0.9590	0.6973	0.7100	0.5896	1.4909	0.6887
Bi-214	2.5303	2.1514	3.1689	2.8974	2.4726	1.7932	7.1389	3.0454
Bi-215	1.4890	1.4025	1.8623	1.4559	1.4325	1.3067	2.7642	1.2890
Bi-216	3.3589	3.2745	4.4760	3.3748	3.3545	2.6179	8.3192	3.8044
Bk-245	3.9522	3.8151	4.0158	3.4909	3.5741	3.2582	5.3630	3.2026
Bk-246	4.1378	3.5705	5.4908	4.3876	3.7848	3.2646	7.0791	4.1722
Bk-247	2.0341	1.9717	2.0712	1.7989	1.9302	1.7210	3.0343	1.5110
Bk-248m	0.8880	0.8269	0.9031	0.7856	0.7722	0.6961	1.1718	0.7980
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	2.0976	1.6180	3.4308	2.3815	2.0266	1.6341	4.4229	2.0866
Bk-251	2.0198	1.9348	1.9739	1.7922	1.7719	1.6730	2.4215	1.7030
Br-72	3.6787	2.8995	5.6741	4.5541	3.6842	2.8468	9.1973	4.1240
Br-73	2.1487	1.9522	2.7652	2.2024	2.0951	1.7337	4.0978	2.0481
Br-74	4.0127	3.5498	4.6304	4.6219	3.8585	2.7223	11.3102	5.0777
Br-74m	5.0691	4.5546	6.3426	5.7804	4.8893	3.4416	15.2801	6.7227
Br-75	2.9183	2.8697	3.7915	2.7933	2.7902	2.6303	5.5240	2.6027
Br-76	4.0354	3.5190	4.9999	4.5125	3.8543	2.8243	10.5032	4.9330
Br-76m	1.7248	1.4208	1.5945	1.7080	1.3412	1.0743	1.7692	1.7006
Br-77	2.3889	2.2483	2.9812	2.2248	2.0836	1.7942	4.3409	2.6278
Br-77m	0.7399	0.6376	0.7726	0.6341	0.5412	0.4898	0.8409	0.7838
Br-78	0.3319	0.3288	0.4009	0.3239	0.2988	0.2127	0.9752	0.4706
Br-80	0.2088	0.2040	0.2551	0.2047	0.1844	0.1323	0.5979	0.2978
Br-80m	1.5279	1.2438	1.3856	1.2956	1.1240	0.9030	1.5253	1.5839

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.5401	0.4453	0.5847	0.4379	0.3351	0.3109	0.5469	0.6907
Br-82	6.4670	5.6834	9.6257	7.6311	6.4583	4.8458	18.0741	8.1106
Br-83	0.0309	0.0298	0.0416	0.0321	0.0311	0.0239	0.0764	0.0361
Br-84m	5.8680	4.8644	8.5356	6.7453	5.9095	4.7483	13.9031	6.0764
Br-84	2.0131	1.5168	2.9711	2.6522	2.0109	1.5010	5.0387	2.2624
Br-85	0.1360	0.1065	0.2364	0.1777	0.1383	0.1098	0.3339	0.1531
C-10	1.8926	1.7213	2.9662	2.3002	1.8763	1.3865	5.7189	2.5989
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0821	0.0592	0.1062	0.0807	0.0468	0.0398	0.0891	0.1167
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.6189	1.1821	2.0533	2.0052	1.6243	1.1320	4.8739	1.9688
Ca-49	1.6585	1.2134	1.7348	2.3293	1.6064	1.0499	4.2967	2.0662
Cd-101	3.8113	3.1503	4.1486	4.1936	3.6582	2.9710	7.6619	3.4698
Cd-102	3.8122	3.4654	4.5518	3.8745	3.6636	3.1189	6.9360	3.6632
Cd-103	3.2812	2.6488	3.5236	3.6792	3.0725	2.5139	6.4342	3.2604
Cd-104	2.8011	2.4928	2.5557	2.7182	2.5399	2.2576	3.8249	2.4010
Cd-105	2.3182	1.9016	2.5055	2.5433	2.1515	1.8034	4.3952	2.2676
Cd-107	1.6943	1.4422	1.2718	1.5950	1.4053	1.3878	1.2850	1.3612
Cd-109	1.5811	1.3448	1.1791	1.4855	1.3070	1.2932	1.1807	1.2768
Cd-111m	3.1854	3.3288	3.2315	2.7481	3.0013	2.8491	4.9430	2.5977
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0013	0.0012	0.0011	0.0012	0.0011	0.0011	0.0015	0.0011
Cd-115	0.9720	0.9294	1.2646	1.0025	0.9731	0.7707	2.2096	1.0702
Cd-115m	0.0643	0.0493	0.1037	0.0794	0.0651	0.0496	0.1657	0.0709
Cd-117	2.6756	2.3180	3.4476	2.8901	2.6398	2.2388	5.9530	2.5621
Cd-117m	3.0306	2.3626	4.0796	3.7118	2.9955	2.2015	7.9199	3.3366
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	3.1546	2.6747	3.9502	3.5482	3.0989	2.6533	6.8223	2.9367
Cd-119m	3.5328	2.7609	4.7564	4.2732	3.4934	2.6088	9.0963	3.8282
Ce-130	3.8691	3.5676	3.8562	3.9311	3.6854	3.0401	5.7005	3.0521
Ce-131	4.5479	4.1230	5.2480	4.7312	4.3779	3.5883	8.7161	4.1997
Ce-132	3.6113	3.5943	3.3464	3.3466	3.4395	3.0834	4.6851	2.4766
Ce-133	3.0946	2.6720	2.5160	3.1021	2.9057	2.1578	3.7682	2.0725
Ce-133m	6.5106	5.7197	7.4646	7.0168	6.3535	4.9215	12.4255	6.0844
Ce-134	1.1825	0.9714	0.8121	1.2174	1.0629	0.7330	1.0725	0.7900
Ce-135	4.8156	4.5245	5.5721	4.8760	4.6319	3.7406	9.2942	4.5305
Ce-137	1.3694	1.1155	1.0497	1.4037	1.1935	0.8365	1.3247	1.0286
Ce-137m	1.1585	1.0003	0.9339	1.1032	1.0563	0.7756	1.3571	0.8563
Ce-139	2.8739	2.8260	2.3824	2.7422	2.7156	2.4478	3.2830	1.8451

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.2288	1.2581	1.0818	1.1704	1.1900	1.1313	1.5883	0.8470
Ce-143	2.5045	2.2587	2.6328	2.4762	2.3806	1.9608	3.9515	2.0213
Ce-144	0.3786	0.3604	0.3234	0.3680	0.3616	0.3101	0.4828	0.2793
Ce-145	3.9420	3.4196	4.6054	4.1754	3.7940	2.8468	7.6956	3.8540
Cf-244	0.1615	0.1431	0.1588	0.1195	0.1177	0.1142	0.1332	0.1664
Cf-246	0.1112	0.0985	0.1092	0.0824	0.0811	0.0787	0.0919	0.1142
Cf-247	2.7839	2.5731	2.7547	2.4058	2.3399	2.1807	3.1452	2.4712
Cf-248	0.1334	0.1183	0.1313	0.0992	0.0976	0.0946	0.1111	0.1370
Cf-249	2.2858	2.1996	3.0016	2.1062	2.1780	1.9871	4.2088	2.0192
Cf-250	0.1221	0.1083	0.1265	0.0982	0.0945	0.0883	0.1318	0.1255
Cf-251	2.3155	2.2495	2.3095	2.0055	2.0600	1.9420	2.8876	1.8615
Cf-252	1.0505	0.9315	1.3314	1.1292	1.0136	0.8274	2.2962	1.0845
Cf-253	0.3737	0.3201	0.3596	0.3035	0.2745	0.2634	0.3123	0.3815
Cf-254	34.9082	30.9375	45.2436	38.7651	34.5572	27.7876	81.2828	36.0161
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	2.0204	1.7367	2.0581	2.3973	1.9694	1.5990	4.3178	1.8988
Cl-36	0.0007	0.0005	0.0008	0.0006	0.0004	0.0003	0.0007	0.0009
Cl-38	1.2766	0.8995	1.2269	1.6383	1.2294	0.8957	2.9825	1.2581
Cl-39	2.7263	2.3100	3.1630	2.9094	2.6821	2.1064	6.7985	2.8401
Cl-40	3.3760	2.5138	3.6822	4.2678	3.3168	2.3882	8.6803	3.8263
Cm-238	1.8001	1.6799	1.7647	1.6114	1.6081	1.4538	2.2437	1.3840
Cm-239	3.9843	4.0188	3.9725	3.4697	3.6898	3.5298	5.2157	2.9115
Cm-240	0.1760	0.1560	0.1747	0.1273	0.1258	0.1220	0.1485	0.1864
Cm-241	4.9941	4.6806	5.7152	4.5993	4.5537	3.9747	7.8753	4.6449
Cm-242	0.1580	0.1400	0.1568	0.1142	0.1129	0.1095	0.1332	0.1673
Cm-243	2.3055	2.1800	2.4267	1.9842	2.0101	1.8487	3.0428	1.9344
Cm-244	0.1356	0.1202	0.1346	0.0980	0.0969	0.0940	0.1144	0.1437
Cm-245	2.3379	2.1888	2.3006	2.0503	2.0619	1.8874	2.8639	1.8102
Cm-246	0.1156	0.1025	0.1171	0.0865	0.0847	0.0809	0.1087	0.1223
Cm-247	1.7617	1.7270	2.4415	1.6469	1.7561	1.5214	3.7268	1.5913
Cm-248	2.8227	2.5020	3.6287	3.0952	2.7664	2.2365	6.4232	2.9158
Cm-249	0.2183	0.1807	0.2752	0.2142	0.1558	0.1261	0.3675	0.2945
Cm-250	27.5498	24.4061	35.6685	30.5863	27.2663	21.9259	64.0723	28.4016
Cm-251	0.6579	0.6282	0.8129	0.6423	0.6290	0.5214	1.3330	0.6802
Co-54m	5.6753	4.6015	7.7121	6.3599	5.6856	4.3996	14.4603	5.9306
Co-55	2.6180	2.0666	4.1776	3.1533	2.6196	2.0462	6.2971	2.8357
Co-56	4.8664	3.5866	7.2100	6.3255	4.7736	3.5118	12.6998	5.7708
Co-57	2.4717	2.3560	2.5940	2.4287	2.1630	1.9939	3.3711	2.3421
Co-58	2.1671	1.6746	3.9370	2.9323	2.1032	1.6828	5.1246	2.7293

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.3292	0.2376	0.4257	0.3238	0.1878	0.1598	0.3573	0.4677
Co-60	3.6232	2.5642	4.7235	4.4832	3.6263	2.5309	10.8050	4.2708
Co-60m	0.3951	0.2901	0.4970	0.3923	0.2393	0.2002	0.4337	0.5376
Co-61	1.4330	1.2903	1.3041	1.2784	1.4119	1.1134	1.6689	0.9930
Co-62	2.1169	1.5146	2.8917	2.6652	2.1146	1.4712	6.0801	2.4471
Co-62m	3.7686	2.6861	5.1588	4.7305	3.7567	2.6345	10.7650	4.2900
Cr-48	4.0047	3.8416	4.8209	4.0199	3.8743	3.7492	6.5291	2.9668
Cr-49	1.7289	1.6928	1.5727	1.6060	1.7108	1.5464	2.2892	1.0356
Cr-51	0.3960	0.3332	0.5373	0.4013	0.3132	0.3064	0.5823	0.4198
Cr-55	0.0008	0.0005	0.0008	0.0009	0.0007	0.0006	0.0017	0.0007
Cr-56	2.3632	2.0361	1.9128	2.3400	2.1948	1.9080	2.8219	1.6412
Cs-121	1.5405	1.5085	1.7000	1.5249	1.4975	1.3368	2.7014	1.2879
Cs-121m	2.8528	2.8295	3.2164	2.7397	2.7717	2.4908	4.8410	2.3294
Cs-123	2.1919	1.9673	2.2676	2.3119	2.0927	1.6652	3.9754	1.9193
Cs-124	0.8506	0.7661	1.1213	0.9093	0.8353	0.7405	1.6634	0.7415
Cs-125	2.0244	1.8129	2.1493	2.1803	1.9345	1.5209	3.5975	1.8778
Cs-126	1.4638	1.3453	1.9257	1.5045	1.4415	1.2122	2.9125	1.3256
Cs-127	3.1876	2.9238	3.4591	3.2725	3.0460	2.5219	5.2267	2.6954
Cs-128	1.1047	0.9962	1.2673	1.1589	1.0690	0.8561	1.9741	1.0027
Cs-129	2.9809	2.6400	2.9234	3.1151	2.7838	2.3052	4.1731	2.3224
Cs-130m	2.2059	1.9027	1.6762	2.3259	2.0193	1.5793	2.2664	1.5034
Cs-130	0.7606	0.6332	0.5721	0.8445	0.6836	0.5288	0.8257	0.5766
Cs-131	1.1285	0.9193	0.7230	1.2593	0.9906	0.7696	0.8987	0.7667
Cs-132	3.0983	2.8725	3.3614	3.3786	2.8952	2.1044	7.3740	3.5983
Cs-134	4.4293	4.0664	6.6821	5.2069	4.4100	3.2848	12.8008	5.8471
Cs-134m	0.8744	0.7581	0.7537	0.9186	0.7473	0.6088	0.9170	0.7408
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.7293	2.9294	6.9455	5.1664	3.8237	3.0290	9.4823	4.5594
Cs-136	5.6623	4.7138	8.8867	6.7638	5.6968	4.7349	12.8751	5.7128
Cs-137	2.6512	2.6789	2.6403	2.5465	2.6292	2.6537	2.6541	2.5432
Cs-138m	1.8425	1.6366	1.8632	1.9215	1.7544	1.4239	2.9915	1.5446
Cs-138	3.7753	3.0242	4.8965	4.3831	3.7667	2.8927	9.2117	3.9677
Cs-139	0.3682	0.2801	0.4328	0.4533	0.3627	0.2539	1.0481	0.4353
Cs-140	2.5621	2.2070	3.1511	2.9761	2.5047	1.7793	7.2457	3.1522
Cu-57	0.1903	0.1401	0.2973	0.2369	0.1914	0.1400	0.5174	0.2140
Cu-59	0.9788	0.8004	1.4169	1.1514	0.9816	0.7823	2.4546	1.0538
Cu-60	3.6121	2.6148	4.4361	4.5599	3.5583	2.5851	9.6018	4.0337
Cu-61	0.9025	0.8246	1.1657	0.9075	0.8120	0.6709	1.9589	1.0230
Cu-62	0.0208	0.0151	0.0292	0.0236	0.0166	0.0127	0.0410	0.0267
Cu-64	0.2052	0.1479	0.2644	0.2039	0.1205	0.1013	0.2385	0.2897

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1816	0.1346	0.3156	0.2203	0.1838	0.1410	0.4486	0.1849
Cu-67	1.4412	1.4955	1.4705	1.2604	1.3822	1.3348	2.0213	0.9644
Cu-69	1.1301	0.9098	1.8523	1.3612	1.1407	0.8808	2.8556	1.2478
Dy-148	3.2286	3.0430	3.4088	3.4234	3.0165	2.0916	8.0144	3.8262
Dy-149	4.8112	3.9229	5.5411	5.6553	4.6053	3.4626	9.2379	4.5336
Dy-150	2.1686	1.9756	2.5783	2.2168	2.0900	1.6864	3.8089	1.8525
Dy-151	4.8199	4.1233	5.9115	5.4310	4.6234	3.6219	9.5437	4.7200
Dy-152	3.3386	3.2544	3.4612	3.1683	3.1411	2.6410	5.2812	2.7771
Dy-153	5.7383	5.0006	5.9460	6.2116	5.4257	4.2590	9.0996	4.8269
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	4.0060	3.6842	4.3151	4.1006	3.8072	3.1041	6.6082	3.4043
Dy-157	3.3845	3.0090	3.9302	3.6715	3.2223	2.9143	5.1359	2.5577
Dy-159	1.5736	1.2529	1.2791	1.8358	1.4149	1.0049	1.6610	1.1990
Dy-165m	0.4260	0.3458	0.4664	0.4594	0.3389	0.2709	0.5341	0.4403
Dy-165	0.2832	0.2479	0.2852	0.3271	0.2659	0.2072	0.4247	0.2291
Dy-166	1.2066	1.0011	1.0948	1.4361	1.0764	0.8241	1.3482	0.9576
Dy-167	3.1231	3.0577	3.7987	3.1681	3.0198	2.5471	6.5311	3.0891
Dy-168	2.8544	2.7645	3.2796	2.9194	2.7526	2.2938	5.2161	2.6365
Er-154	1.8517	1.4783	1.5164	2.2852	1.5954	1.2577	1.7677	1.4954
Er-156	2.3180	1.8723	2.1279	2.6857	1.9518	1.4686	2.4282	2.0180
Er-159	3.8102	3.4995	4.1907	4.2596	3.5910	2.7200	8.1641	4.0022
Er-161	3.9255	3.2537	5.1812	4.9031	3.7660	2.9560	7.2824	3.8504
Er-163	1.2703	1.0349	1.1008	1.6416	1.1383	0.8353	1.3036	0.9829
Er-165	1.2276	0.9991	1.0654	1.5845	1.0971	0.8053	1.2563	0.9542
Er-167m	1.2003	1.2161	1.2742	1.1327	1.1108	1.0145	1.6540	0.9369
Er-169	0.0095	0.0069	0.0123	0.0094	0.0054	0.0046	0.0103	0.0135
Er-171	3.4490	3.2469	4.1524	3.7341	3.3030	3.1167	5.4502	2.6685
Er-172	3.1701	2.9966	3.7080	3.4775	3.0240	2.3534	6.5005	3.2148
Er-173	4.9331	4.6862	6.0247	5.3240	4.7731	4.2147	7.9413	4.0896
Es-249	3.6711	3.4694	4.2250	3.4926	3.4027	3.0987	5.7104	3.2000
Es-250	10.2252	9.2833	11.9988	9.8765	9.1060	8.3524	14.7538	9.5343
Es-250m	3.0891	2.7721	3.5669	3.0467	2.8294	2.5020	4.8037	2.7750
Es-251	2.5357	2.3855	2.4846	2.2153	2.1708	2.0397	2.9327	2.2131
Es-253	0.0453	0.0396	0.0453	0.0354	0.0334	0.0319	0.0405	0.0468
Es-254	1.5752	1.3474	1.6073	1.2444	1.1205	1.0617	1.3863	1.7021
Es-254m	1.9461	1.8480	2.3687	1.9643	1.7630	1.3669	4.8687	2.4973
Es-255	0.0014	0.0013	0.0018	0.0016	0.0014	0.0011	0.0033	0.0015
Es-256	0.2357	0.2019	0.2136	0.1967	0.1778	0.1728	0.1896	0.2291
Eu-142	0.4672	0.3628	0.6140	0.5725	0.4574	0.3401	1.0705	0.5094
Eu-142m	6.8873	5.8724	10.6846	8.0495	6.8472	5.2208	17.5003	8.0494

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.8520	0.6427	0.8596	0.9212	0.8089	0.5838	1.5638	0.7577
Eu-144	0.3781	0.2802	0.3519	0.4120	0.3575	0.2664	0.6439	0.3265
Eu-145	3.5427	2.7961	4.4027	3.9675	3.4123	2.5161	7.0900	3.4848
Eu-146	6.4378	5.6509	8.2778	7.1715	6.2237	4.4758	16.9387	7.7925
Eu-147	3.4398	2.9931	3.4535	3.3373	3.2529	2.5119	5.5017	2.9335
Eu-148	8.0810	7.5056	9.9233	8.2899	7.8581	5.7578	20.5800	9.4500
Eu-149	1.6489	1.3108	1.3836	1.5224	1.4688	1.0669	1.9864	1.3256
Eu-150	7.5656	6.9104	9.7147	7.7149	7.4204	6.1230	16.0095	7.3440
Eu-150m	0.3080	0.2648	0.3421	0.3003	0.2940	0.2382	0.5115	0.2535
Eu-152	4.3619	3.6536	5.2697	4.6381	4.2300	3.3610	8.3657	3.9994
Eu-152m	1.1784	0.9463	1.5264	1.3071	1.1427	0.8806	2.1599	1.0954
Eu-152n	1.7910	1.5346	1.6711	1.7047	1.6363	1.3212	2.3226	1.2940
Eu-154	3.5904	3.0594	4.7153	4.1082	3.5278	2.7567	8.1607	3.7582
Eu-154m	2.0826	1.7384	1.8840	1.9912	1.8416	1.4231	2.3680	1.6311
Eu-155	1.3061	1.1445	1.1619	1.2984	1.2469	1.0017	1.7029	0.8487
Eu-156	2.1864	1.6993	2.8449	2.6576	2.1364	1.5461	5.5110	2.3951
Eu-157	2.7512	2.4242	2.9595	2.7884	2.5869	2.0230	4.3721	2.4045
Eu-158	2.9238	2.2834	4.3672	3.5128	2.8817	2.1991	6.6660	3.0371
Eu-159	2.8654	2.4399	2.6989	3.0152	2.6940	2.0263	4.1992	2.3526
F-17	0.0006	0.0005	0.0012	0.0009	0.0007	0.0005	0.0016	0.0007
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	2.1223	2.3196	2.0701	1.8910	2.0386	2.1318	2.8356	1.4191
Fe-53	0.9147	0.8828	1.2871	0.8851	0.9100	0.8204	1.9105	0.8025
Fe-53m	5.3555	4.2868	7.8680	6.4648	5.3300	3.8930	15.1949	6.4240
Fe-55	0.2727	0.1968	0.3529	0.2681	0.1554	0.1322	0.2961	0.3877
Fe-59	1.9288	1.4143	2.7327	2.3467	1.9357	1.4003	5.4440	2.1735
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.6362	2.0911	3.7676	3.0798	2.6275	2.0849	6.5136	2.6750
Fe-62	2.4837	2.3545	3.4185	2.6124	2.5405	1.9913	5.6701	2.7410
Fm-251	2.4609	2.3113	2.5333	2.2959	2.1726	2.0120	3.1945	2.1777
Fm-252	0.1196	0.1047	0.1133	0.0933	0.0892	0.0868	0.0979	0.1188
Fm-253	2.0836	1.9144	2.0326	1.7930	1.7192	1.6303	2.2423	1.9086
Fm-254	0.1349	0.1183	0.1329	0.1100	0.1041	0.0989	0.1319	0.1347
Fm-255	1.2728	1.1044	1.2540	0.9874	0.9258	0.8904	1.0836	1.3227
Fm-256	25.9761	23.0441	33.7326	28.8364	25.7105	20.6802	60.5559	26.8536
Fm-257	2.6200	2.5066	2.5994	2.2836	2.2878	2.1477	3.2143	2.2512
Fr-212	4.2675	3.7760	4.8583	4.2052	3.9835	3.2946	8.3689	4.1052
Fr-219	0.0245	0.0235	0.0312	0.0238	0.0239	0.0218	0.0459	0.0211
Fr-220	0.2988	0.2650	0.2966	0.2592	0.2437	0.2172	0.3562	0.2774
Fr-221	0.3214	0.3375	0.3458	0.2609	0.3033	0.2834	0.4961	0.2510

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.9453	1.9617	2.0976	1.6069	1.7554	1.6516	2.7703	1.6084
Fr-223	1.3265	1.1731	1.2676	1.4576	1.1480	0.9656	1.4932	1.1169
Fr-224	2.2098	2.0815	2.6354	2.1670	2.0969	1.8595	4.0229	2.0267
Fr-227	3.4676	3.2670	3.7695	3.2351	3.2934	2.7421	6.2056	3.0381
Ga-64	2.6550	1.9588	3.8535	3.4185	2.6435	1.9610	6.6230	2.9077
Ga-65	2.0574	1.9053	2.2818	2.1287	1.9106	1.6623	3.2024	1.8123
Ga-66	1.9887	1.4677	2.7286	2.5037	1.8666	1.3587	4.6523	2.3144
Ga-67	2.4055	2.1676	2.7781	2.2674	2.0429	1.8646	3.3787	2.1700
Ga-68	0.1347	0.0981	0.1962	0.1489	0.1065	0.0834	0.2502	0.1673
Ga-70	0.0210	0.0177	0.0309	0.0228	0.0199	0.0170	0.0418	0.0202
Ga-72	4.1303	3.2941	6.2686	5.3405	4.1270	3.0804	10.9764	4.9620
Ga-73	3.1416	2.8296	4.1441	3.1698	2.7243	2.5989	5.1096	3.0548
Ga-74	4.7707	4.1765	5.7957	5.4865	4.6680	3.3045	13.5349	5.9177
Gd-142	2.0317	1.7940	2.2116	2.0865	1.9489	1.5443	3.8910	1.8757
Gd-143m	5.3935	4.8134	6.4332	5.5899	5.1979	4.2056	10.7493	5.1063
Gd-144	1.3426	1.0846	1.3201	1.4403	1.2610	0.9249	2.3393	1.2128
Gd-145m	2.1543	1.9030	3.1157	2.5245	2.0443	1.5637	5.5035	2.7190
Gd-145	2.9992	2.2103	3.1135	3.5786	2.8583	2.0881	5.9613	2.7851
Gd-146	5.5257	4.9251	4.6520	5.4225	5.1974	4.2245	6.8599	3.9545
Gd-147	6.4535	5.8474	8.1346	6.5726	6.2689	5.0936	12.6970	6.0304
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	4.6226	4.2171	4.9524	4.6584	4.4244	3.7978	7.2678	3.7412
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8897	1.5685	1.5988	1.8255	1.6800	1.2752	2.2121	1.5097
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.8895	2.3600	2.3483	2.8381	2.6837	1.9707	3.4513	1.9722
Gd-159	0.5932	0.5191	0.6339	0.6422	0.5604	0.4573	0.8697	0.4676
Gd-162	2.3380	2.2341	3.2177	2.2592	2.3184	1.9428	4.9367	2.2466
Ge-66	3.5991	3.2606	4.3293	3.5365	3.2363	2.7721	6.0312	3.4655
Ge-67	2.2899	2.3545	2.4847	2.2326	2.2407	2.2143	3.6674	1.7160
Ge-68	0.6690	0.4834	0.8644	0.6566	0.3815	0.3248	0.7257	0.9503
Ge-69	1.9379	1.5117	2.8237	2.1995	1.7182	1.3183	4.3753	2.3558
Ge-71	0.6785	0.4903	0.8767	0.6659	0.3870	0.3295	0.7361	0.9638
Ge-75	0.2809	0.2990	0.3367	0.2383	0.2726	0.2537	0.5243	0.2388
Ge-77	4.7403	4.7478	6.0710	4.4927	4.6535	4.0520	10.1295	4.5279
Ge-78	2.1295	2.2040	2.6773	1.9119	2.0733	1.9996	3.9621	1.7518
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	2.3003	2.1047	2.7475	2.5241	2.1818	2.0584	3.3445	1.7429
Hf-169	3.7871	3.4545	4.5619	4.1486	3.6838	2.9221	6.6080	3.6212
Hf-170	4.4333	4.1392	4.6335	4.7580	4.0938	3.3852	6.9009	4.0249

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	3.3179	2.8118	3.1255	3.7235	2.8594	2.3294	3.4406	2.8790
Hf-173	5.1364	4.8904	5.3846	5.5127	4.8733	4.3708	7.1106	4.0893
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.5071	3.1747	4.1424	3.8333	3.3096	2.9362	5.2082	2.8046
Hf-177m	19.9421	19.6899	23.4836	19.1954	19.0446	17.6120	33.0422	16.3244
Hf-178m	15.3330	14.9615	18.8919	14.8061	14.8829	12.8778	29.2323	14.0200
Hf-179m	8.3706	8.0933	9.7515	8.2858	7.9804	7.0909	13.4958	7.1397
Hf-180m	7.7141	7.4358	9.5103	7.5636	7.4727	6.6675	13.2678	6.5068
Hf-181	3.9615	3.7945	4.8190	4.0542	3.8759	3.3075	7.1524	3.7474
Hf-182	2.1844	2.2462	2.5439	1.9648	2.0966	1.9573	3.7457	1.7990
Hf-182m	6.3455	5.9176	7.7420	6.5580	6.0733	5.2195	10.7786	5.6255
Hf-183	3.2605	2.8434	4.5334	3.7333	3.2457	2.6020	6.5480	3.3025
Hf-184	3.5875	3.2686	4.0130	3.5381	3.0924	2.8274	4.8472	3.3220
Hg-190	3.9811	3.7925	3.8350	3.6538	3.6204	3.2737	4.9659	3.2502
Hg-191m	7.4450	6.9774	8.8338	7.0798	7.0278	5.8488	14.2245	7.2359
Hg-192	4.1393	3.8667	4.3645	3.7051	3.7457	3.3061	5.6956	3.4995
Hg-193	4.1961	3.6841	4.8856	4.1197	3.8731	3.2202	6.8714	3.8751
Hg-193m	4.3186	3.8423	5.2439	4.3099	4.1085	3.3152	8.4063	4.2380
Hg-194	0.3709	0.2798	0.4548	0.3431	0.2168	0.1905	0.3913	0.5104
Hg-195	2.5110	2.1756	2.6582	2.3367	2.1858	1.7872	3.3449	2.3649
Hg-195m	2.9055	2.6033	3.2461	2.6082	2.4189	2.0639	4.1591	2.9689
Hg-197	2.2306	1.9271	2.1670	1.9890	1.9146	1.5779	2.5798	1.9781
Hg-197m	2.1329	1.9566	2.1922	1.9720	1.8272	1.6341	2.7037	1.9857
Hg-199m	2.9040	2.8043	2.8995	2.6328	2.6506	2.4783	3.7803	2.2950
Hg-203	2.0249	2.0452	2.4622	1.8225	1.9467	1.8475	3.5705	1.6621
Hg-205	0.0587	0.0616	0.0622	0.0478	0.0557	0.0525	0.0845	0.0434
Hg-206	0.9343	0.8913	1.1803	0.9128	0.8973	0.8670	1.6451	0.7575
Hg-207	5.2208	4.2712	6.9587	5.8050	5.1194	4.3247	10.8496	4.6948
Ho-150	2.8722	2.4256	4.6975	3.6840	2.8767	2.2029	7.4380	3.5394
Ho-153	3.4367	3.1278	4.1509	3.7122	3.3082	2.8448	6.2894	3.0143
Ho-153m	3.9503	3.6923	4.5041	4.1617	3.7939	3.1803	6.8951	3.4293
Ho-154m	9.4235	8.7144	12.9415	9.9942	9.3745	7.9265	20.0543	9.0934
Ho-154	4.5983	4.1260	6.2147	5.0327	4.5205	3.9189	9.6352	4.2874
Ho-155	3.2090	2.8773	3.3618	3.4659	2.9983	2.4526	4.8221	2.6743
Ho-156	5.9983	5.4679	7.0324	6.5141	5.7947	4.8514	11.5034	5.5298
Ho-157	4.8347	4.3181	5.1094	5.3302	4.5453	3.7441	7.1917	3.9580
Ho-159	5.1556	4.6968	5.0676	5.6785	4.8463	4.0562	6.9621	4.0318
Ho-160	6.0713	5.1820	8.2700	7.1694	5.8679	4.5023	12.9573	6.3401
Ho-161	2.0972	1.6770	1.7132	2.4782	1.8256	1.4376	2.1048	1.6705
Ho-162	1.7540	1.4150	1.5445	2.0963	1.5792	1.1591	2.0820	1.4083

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	3.4988	2.9990	3.7600	3.9152	3.2160	2.5884	5.3811	3.0574
Ho-163	0.0109	0.0079	0.0142	0.0108	0.0062	0.0053	0.0119	0.0156
Ho-164	0.9702	0.7856	0.8354	1.1692	0.8649	0.6344	1.0297	0.7570
Ho-164m	1.8413	1.4657	1.7229	2.1855	1.5344	1.1433	1.9039	1.6473
Ho-166	0.3746	0.3088	0.3660	0.4284	0.3245	0.2561	0.4631	0.3295
Ho-166m	6.8902	6.4607	9.4192	7.6334	6.7385	5.7213	14.5805	7.0280
Ho-167	2.6787	2.5386	3.4847	2.7761	2.6049	2.4554	4.7187	2.1412
Ho-168	2.6007	2.2000	4.0431	3.2712	2.5596	2.0250	6.1161	3.0119
Ho-168m	0.3621	0.2802	0.3816	0.4187	0.2726	0.2106	0.3804	0.3832
Ho-170	5.9642	5.1928	8.3713	6.8116	5.8240	4.8159	11.8852	5.6845
I-118m	8.3988	7.9238	10.9590	9.0064	8.1930	6.0042	24.5599	10.7414
I-118	2.9159	2.7491	3.6514	3.1151	2.8380	2.0543	8.5172	3.7450
I-119	2.9351	2.9181	3.1509	2.7222	2.7733	2.4693	5.0778	2.5571
I-120	3.5924	3.1435	4.1570	4.0498	3.4923	2.5958	8.9929	4.1471
I-120m	7.4990	7.0575	9.2705	7.9866	7.3058	5.2956	21.3593	9.4884
I-121	3.1661	3.0909	3.0335	2.9941	2.9547	2.6988	4.4037	2.4558
I-122	0.7563	0.6825	0.8172	0.8262	0.7147	0.5570	1.5908	0.8179
I-123	3.1149	3.0297	2.4729	3.1605	2.8997	2.8569	3.4269	2.0799
I-124	2.8335	2.5390	2.9312	3.0987	2.6482	2.0201	6.4779	3.1781
I-125	2.2881	1.8113	1.4042	2.5945	1.9637	1.6918	1.7701	1.6518
I-126	2.1555	1.9904	2.5391	2.2789	2.0485	1.6694	4.5926	2.2266
I-128	0.4067	0.3764	0.5070	0.4187	0.3993	0.3302	0.7907	0.3889
I-129	1.1931	0.9667	0.7614	1.2994	1.0555	0.8063	0.9855	0.8064
I-130m	0.7164	0.6365	0.7630	0.7675	0.6640	0.5210	1.2909	0.7302
I-130	6.9077	6.5293	9.8315	7.6088	6.8696	5.1580	19.3438	8.7367
I-131	2.3896	2.3964	2.3726	2.3315	2.3715	2.3574	2.3181	2.2794
I-132	5.7475	5.1822	8.5952	6.7651	5.6994	4.2359	16.6937	7.4875
I-132m	1.7457	1.6049	1.9935	1.8691	1.6114	1.2983	3.6105	1.8962
I-133	2.4226	2.2902	3.3205	2.5775	2.4469	1.8752	6.0531	2.8248
I-134m	3.1710	2.9701	3.1548	3.1624	2.9581	2.6240	4.5459	2.4850
I-134	5.8536	4.8139	9.6028	7.2586	5.9068	4.6204	14.8358	6.7081
I-135	2.4973	1.9109	3.3112	2.9881	2.4863	1.8602	6.5891	2.7244
In-103	4.0775	3.6576	5.2916	4.5225	4.0060	3.3300	9.1279	4.1411
In-105	3.7480	3.4731	4.4165	4.0180	3.6232	3.0598	7.8777	3.7992
In-106	7.0680	6.2696	10.5346	8.0281	6.9734	5.2848	19.1611	8.5382
In-106m	3.1256	2.8606	3.6124	3.4601	2.9805	2.0986	9.3381	4.0739
In-107	3.5656	3.2097	4.0232	3.7102	3.3947	2.9756	6.5434	3.2490
In-108	9.1680	7.9910	12.6424	10.2718	8.9191	7.0265	22.9236	10.3466
In-108m	3.3609	2.9738	3.6292	3.7597	3.1602	2.3270	8.8910	4.0925
In-109	3.6228	3.4622	3.7594	3.4390	3.3761	3.1013	5.7831	3.1053

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.8587	1.8875	2.3009	1.9157	1.7666	1.2244	6.1804	2.7033
In-110	8.5573	7.4432	12.5017	9.9148	8.3178	6.4432	21.9692	10.2469
In-110m	2.5604	2.4345	3.0200	2.7436	2.4044	1.7664	7.3209	3.3876
In-111	5.0735	5.2503	4.8863	4.4604	4.7549	4.6590	7.0994	3.8758
In-111m	2.1866	2.0943	2.8207	2.2746	2.1768	1.6843	5.2913	2.5364
In-112	0.5086	0.4399	0.4131	0.5168	0.4366	0.3970	0.6902	0.4850
In-112m	1.1576	0.9961	0.8029	1.2195	1.0002	1.0069	1.0105	0.8707
In-113m	1.7578	1.6459	2.1854	1.7128	1.6933	1.5152	3.2369	1.5384
In-114	0.0096	0.0078	0.0088	0.0104	0.0086	0.0074	0.0162	0.0095
In-114m	1.0215	0.9245	0.8885	1.0320	0.9097	0.8703	1.2544	0.8483
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.5016	1.3435	1.7036	1.5685	1.4005	1.3985	2.2246	1.1738
In-116m	4.0459	3.0893	5.4566	4.8626	4.0438	2.9845	10.9772	4.4887
In-117	4.2093	4.3358	4.7002	4.1481	4.1559	3.7091	8.5356	3.9964
In-117m	1.0537	0.9998	1.0691	1.0759	0.9881	1.0277	1.3915	0.7490
In-118m	5.1112	4.0439	7.4250	6.1086	5.1005	3.6781	14.7539	6.0942
In-118	0.1261	0.0934	0.1672	0.1552	0.1265	0.0875	0.3798	0.1530
In-119	2.1736	1.8028	3.5307	2.8278	2.1397	1.7029	5.4347	2.7247
In-119m	0.2788	0.2212	0.3064	0.3110	0.2511	0.2254	0.4534	0.2599
In-121	2.0990	1.6835	3.6771	2.5825	2.1213	1.6852	5.0980	2.2685
In-121m	0.9656	0.7775	0.7064	1.0702	0.8622	0.7638	0.9073	0.7298
Ir-180	5.1776	4.8525	6.5416	5.2520	4.9355	4.1621	10.1608	5.1857
Ir-182	4.9104	4.5795	5.9335	4.8547	4.6548	4.0030	8.6699	4.5731
Ir-183	5.0267	4.4209	5.6670	4.9602	4.6506	3.7926	8.2188	4.6625
Ir-184	7.5503	6.8553	9.2825	7.5710	7.1896	5.9574	14.1519	7.2153
Ir-185	4.6073	3.9880	4.8323	4.4306	4.0789	3.3210	6.6027	4.2841
Ir-186	7.3025	6.6978	8.8453	7.3895	6.9616	5.9329	13.4554	6.8950
Ir-186m	4.1073	3.6127	5.1326	4.3992	3.8937	3.1363	8.0402	4.2146
Ir-187	3.1730	2.7721	3.5350	3.0102	2.8457	2.2889	4.4645	2.9693
Ir-188	5.1266	4.4297	5.5125	5.4388	4.8195	3.7966	9.8314	5.0106
Ir-189	2.1481	1.8678	2.1480	1.9293	1.8372	1.4881	2.3737	1.9497
Ir-190	8.5162	8.2626	10.4372	8.1864	8.2159	6.7966	17.4520	8.5679
Ir-190m	0.3725	0.2715	0.4764	0.3615	0.2134	0.1828	0.4020	0.5260
Ir-190n	1.7166	1.4880	1.6478	1.5519	1.4983	1.1992	1.8063	1.4856
Ir-191m	2.1026	1.8639	2.1307	1.9414	1.7798	1.5140	2.4378	1.9894
Ir-192	5.0006	4.8010	6.7453	5.0460	4.9260	4.6361	9.8350	4.3712
Ir-192m	0.4143	0.3085	0.5161	0.3910	0.2403	0.2090	0.4416	0.5760
Ir-192n	0.8707	0.6511	1.0790	0.8195	0.5097	0.4432	0.9276	1.2017
Ir-193m	0.3748	0.2750	0.4752	0.3621	0.2179	0.1865	0.4040	0.5233
Ir-194	0.4363	0.4095	0.6000	0.4503	0.4283	0.4101	0.8804	0.3733

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	10.8811	10.4864	14.7226	11.1412	10.7447	9.0326	25.6175	11.5186
Ir-195	1.6450	1.4294	1.6163	1.4801	1.4203	1.1682	1.8804	1.4240
Ir-195m	3.0389	2.8545	3.6320	2.8823	2.8501	2.4816	5.2021	2.7541
Ir-196	0.8980	0.8143	1.3348	0.9825	0.8972	0.7934	1.9353	0.8635
Ir-196m	11.7002	11.2655	15.8126	11.7054	11.5343	9.4850	27.2200	12.3236
K-38	1.7389	1.2196	1.6780	2.3624	1.6635	1.0955	4.4335	1.8526
K-40	0.1898	0.1343	0.2034	0.2253	0.1849	0.1428	0.4647	0.1967
K-42	0.3174	0.2274	0.3247	0.3711	0.3117	0.2541	0.7031	0.2973
K-43	4.0314	4.0413	5.3335	3.9236	3.9518	3.2112	10.6198	4.5221
K-44	2.7374	2.0213	3.5985	3.4552	2.7145	1.9346	7.3908	3.0897
K-45	3.2687	2.9475	3.4199	3.5048	3.2073	2.8332	6.3017	2.7507
K-46	2.6413	1.8738	2.9751	3.3741	2.6203	1.8145	7.5149	3.1220
Kr-74	2.8380	2.7755	3.1068	2.5873	2.6565	2.4357	4.3546	2.2941
Kr-75	2.5060	2.5555	2.5451	2.4617	2.4003	2.3107	3.8018	2.0546
Kr-76	3.6856	3.4613	4.5224	3.5082	3.3291	3.0748	6.1526	3.4120
Kr-77	2.6444	2.7582	2.6292	2.5748	2.5416	2.4784	3.8416	2.1328
Kr-79	1.5375	1.4410	1.8518	1.3548	1.2799	1.1367	2.6485	1.6913
Kr-81	0.6484	0.5364	0.6989	0.5199	0.4004	0.3739	0.6489	0.8284
Kr-81m	1.5082	1.6377	1.5666	1.2099	1.4100	1.4183	2.0696	1.1036
Kr-83m	0.2917	0.2365	0.3230	0.2410	0.1780	0.1641	0.2924	0.3783
Kr-85	0.0106	0.0101	0.0145	0.0111	0.0108	0.0084	0.0249	0.0120
Kr-85m	1.8690	2.0090	1.8605	1.7522	1.8224	1.8996	2.6269	1.2778
Kr-87	1.6351	1.4730	2.2420	1.7585	1.6349	1.3157	3.8158	1.6568
Kr-88	2.5554	2.1208	2.9182	2.9892	2.4805	1.9607	5.6277	2.5553
Kr-89	3.3217	2.8885	4.3401	3.7450	3.2866	2.5864	8.0675	3.5882
La-128	6.6298	6.1004	8.8841	6.9830	6.5579	5.3698	15.2894	6.7978
La-129	2.6900	2.5415	2.9662	2.6934	2.5954	2.1849	4.5119	2.1970
La-130	4.7730	4.2868	6.5106	5.1556	4.7318	3.9108	10.6233	4.7191
La-131	3.4866	3.2349	3.7317	3.5233	3.3559	2.7461	5.6143	2.7703
La-132	4.4854	3.9948	5.5842	4.8825	4.4272	3.3791	9.8087	4.5961
La-132m	3.7124	3.5047	4.2374	3.8255	3.5967	2.9697	6.7530	3.4004
La-133	1.4630	1.2444	1.2287	1.5457	1.2960	0.9514	1.6687	1.1411
La-134	0.5737	0.4947	0.4620	0.6156	0.5259	0.3666	0.8008	0.4659
La-135	1.1971	1.0017	0.8369	1.2899	1.0807	0.7524	1.0733	0.7902
La-136	0.8071	0.6684	0.6049	0.8876	0.7322	0.5115	0.7842	0.5533
La-137	1.1153	0.9280	0.7504	1.2027	1.0006	0.6923	0.9395	0.7209
La-138	2.3810	1.8093	2.8477	2.9191	2.3195	1.7443	5.1397	2.4162
La-140	4.1853	3.4409	5.4542	4.8063	4.1820	3.4888	8.9904	4.0934
La-141	0.0338	0.0240	0.0385	0.0416	0.0335	0.0238	0.0965	0.0387
La-142	2.7983	2.3379	3.3539	3.3687	2.7207	1.9002	7.9312	3.4474

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.4098	0.3388	0.5339	0.4864	0.4029	0.2914	1.1441	0.4894
Lu-165	4.6750	4.2144	5.0010	5.2681	4.4172	3.6374	7.4421	4.0513
Lu-167	5.3111	4.5568	5.7478	6.0772	4.9765	3.9753	9.2987	4.8614
Lu-169m	0.2748	0.1984	0.3554	0.2700	0.1567	0.1333	0.2983	0.3906
Lu-169	4.7314	3.9871	5.4879	5.5977	4.4732	3.5568	8.1255	4.2843
Lu-170	4.6537	3.6226	5.3092	5.7857	4.4114	3.2739	9.3821	4.6151
Lu-171m	0.2962	0.2152	0.3796	0.2918	0.1719	0.1458	0.3213	0.4152
Lu-171	4.3612	3.7235	5.1644	5.2268	3.9255	3.0423	7.1700	4.4849
Lu-172	6.6642	5.5828	8.8924	7.8614	6.3923	5.1069	12.7810	6.4393
Lu-172m	0.2471	0.1784	0.3196	0.2428	0.1409	0.1199	0.2682	0.3512
Lu-173	3.5155	3.1053	3.4037	4.1599	3.2126	2.5788	4.1568	2.7779
Lu-174	1.7203	1.4240	1.6569	2.1295	1.5148	1.1567	1.9602	1.4763
Lu-174m	2.0702	1.6917	2.0707	2.3145	1.7077	1.3274	2.1550	1.9363
Lu-176	4.5596	4.4955	5.4507	4.3062	4.3221	4.1828	7.0268	3.4854
Lu-176m	0.4506	0.3761	0.4614	0.4605	0.3760	0.3051	0.5202	0.4075
Lu-177	0.4691	0.4686	0.4909	0.4329	0.4390	0.3977	0.6509	0.3606
Lu-177m	10.0853	9.9793	11.3327	9.6738	9.6283	8.7436	15.5166	8.0072
Lu-178	0.4502	0.3621	0.4832	0.4901	0.4068	0.3169	0.7954	0.4298
Lu-178m	8.6718	8.3456	10.5175	8.3720	8.4083	7.5999	14.6946	6.9110
Lu-179	0.2757	0.2973	0.3054	0.2299	0.2663	0.2515	0.4352	0.2105
Lu-180	4.3070	3.7001	5.5674	4.6143	4.1988	3.4111	9.4317	4.1687
Lu-181	3.3982	3.1582	4.1499	3.5654	3.1440	2.5744	6.6147	3.5330
Mg-27	1.9138	1.4721	3.5391	2.5264	1.9568	1.5492	4.7237	2.1573
Mg-28	3.5098	2.8421	4.2402	4.0264	3.4395	2.6492	7.3049	3.2779
Mn-50m	6.1719	4.7363	9.2677	7.7874	6.1968	4.6408	16.8802	7.2656
Mn-51	0.0163	0.0125	0.0233	0.0189	0.0135	0.0103	0.0346	0.0213
Mn-52	5.6936	4.4097	8.6905	7.0877	5.6494	4.3365	14.7597	6.5977
Mn-52m	1.7521	1.2464	1.9175	2.0974	1.7309	1.3118	4.5314	1.8503
Mn-53	0.2221	0.1602	0.2874	0.2184	0.1266	0.1076	0.2411	0.3157
Mn-54	2.1078	1.6242	3.8471	2.8237	2.0642	1.6472	5.0045	2.5836
Mn-56	2.6263	1.9750	4.2433	3.5437	2.6429	2.0389	6.5003	2.9591
Mn-57	0.9010	0.8070	1.0536	0.8753	0.7373	0.6515	1.4111	1.0041
Mn-58m	4.2678	3.3110	6.4890	5.4682	4.3182	3.2886	11.2245	4.9891
Mo-101	3.4375	3.0127	4.5196	3.7632	3.3652	2.6600	8.2064	3.6895
Mo-102	0.1988	0.2173	0.2068	0.1698	0.1936	0.1914	0.2978	0.1436
Mo-89	0.4159	0.3428	0.5823	0.4922	0.4071	0.2996	1.1490	0.5096
Mo-90	4.7797	4.8244	5.2434	4.0983	4.4695	4.1353	7.5891	4.1592
Mo-91m	1.7813	1.5666	2.1791	1.9562	1.7214	1.2421	5.3074	2.2774
Mo-91	0.0638	0.0569	0.0600	0.0471	0.0520	0.0487	0.0712	0.0606
Mo-93	0.7376	0.6999	0.6786	0.4230	0.5632	0.5662	0.5546	0.6916

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	5.1303	4.6369	6.2308	5.3841	4.9561	3.9638	12.8333	5.7513
Mo-99	0.6113	0.5812	0.8305	0.6652	0.5999	0.5212	1.2897	0.6324
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.2034	0.9487	1.2728	1.6719	1.1965	0.8372	3.0305	1.5514
Na-22	1.7971	1.2538	2.1830	2.2539	1.7975	1.1919	5.8084	2.2614
Na-24	3.4290	2.4685	3.7163	4.4522	3.3837	2.3209	9.3761	4.0695
Nb-87	2.8833	3.1035	2.9930	2.2551	2.7000	2.6679	3.9055	2.1674
Nb-88m	7.1648	6.0910	10.6116	8.0363	7.1489	5.5437	18.1358	7.7577
Nb-88	8.9353	7.7331	12.9368	9.6235	8.8340	6.9510	21.4134	9.5197
Nb-89	0.7541	0.5975	0.8383	0.8269	0.6999	0.5486	1.5839	0.8051
Nb-89m	2.3162	2.1765	3.1609	2.4050	2.3254	1.8397	5.1846	2.5773
Nb-90	5.6958	4.7383	6.5518	6.4823	5.4899	4.3772	12.3562	5.7213
Nb-91	0.7151	0.6730	0.6560	0.4012	0.5312	0.5354	0.5573	0.7002
Nb-91m	0.6719	0.6276	0.6363	0.4153	0.5230	0.5122	0.6000	0.6391
Nb-92	4.8454	4.3167	7.0875	5.1152	4.6897	3.7071	11.3249	5.5221
Nb-92m	2.6702	2.1565	4.2483	2.8853	2.5213	2.1050	5.2589	2.7729
Nb-93m	0.1470	0.1360	0.1410	0.0906	0.1093	0.1085	0.1157	0.1453
Nb-94m	0.5153	0.4857	0.4851	0.3056	0.3950	0.3941	0.4065	0.4879
Nb-94	3.7552	3.2038	6.3274	4.7208	3.7692	2.8657	10.5092	4.7876
Nb-95	1.8776	1.5621	3.3359	2.5305	1.9078	1.4799	5.1543	2.4513
Nb-95m	1.0457	1.0773	1.0780	0.7200	0.9113	0.8756	1.3464	0.9160
Nb-96	6.3298	5.4204	9.9773	7.6189	6.3905	4.9341	16.6228	7.5294
Nb-97	1.9118	1.9264	2.4904	2.0105	1.8358	1.2686	6.4371	2.7942
Nb-98m	5.8543	4.8314	9.2368	7.4320	5.8747	4.5563	15.6367	7.1001
Nb-99	2.9452	2.9890	2.7923	2.6752	2.8095	2.6847	3.8530	2.0913
Nb-99m	1.2937	1.1230	1.5753	1.4378	1.2626	0.9943	2.9388	1.3312
Nd-134	3.6617	3.5403	3.5237	3.4327	3.5120	3.1292	5.1139	2.6002
Nd-135	4.4128	4.1632	4.7324	4.1203	4.2349	3.4895	7.2939	3.7110
Nd-136	3.2424	2.7825	2.7978	3.1203	3.0244	2.2629	4.3997	2.4790
Nd-137	3.9049	3.3348	4.2885	4.0874	3.7502	2.8462	7.0856	3.5589
Nd-138	1.3471	1.0892	0.9940	1.2870	1.2245	0.8607	1.4231	0.9461
Nd-139	1.4052	1.1642	1.3082	1.3941	1.3136	0.9426	2.0898	1.1503
Nd-139m	5.7574	4.8465	7.3465	6.4565	5.5995	4.2624	11.6483	5.6483
Nd-140	1.2130	0.9616	0.8387	1.1573	1.0942	0.7389	1.2113	0.8488
Nd-141	1.2442	0.9855	0.8832	1.1961	1.1269	0.7634	1.3058	0.8834
Nd-141m	1.8255	1.5405	3.0604	2.3735	1.8347	1.4010	4.9318	2.3471
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.6640	1.4403	1.5653	1.5878	1.5922	1.2064	2.5379	1.2946
Nd-149	3.0767	3.0410	3.3628	2.8194	2.9757	2.5885	5.3393	2.5538
Nd-151	3.5222	3.2370	4.2516	3.6673	3.4649	2.8892	7.0254	3.2327

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.4214	1.4353	1.6657	1.2607	1.3391	1.2226	2.5213	1.2514
Ne-19	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002	0.0005	0.0002
Ne-24	2.5448	2.3994	3.6146	2.6537	2.5962	2.0867	5.7122	2.6797
Ni-56	6.8466	6.4200	9.4054	7.5732	6.7018	5.9913	13.7542	6.8038
Ni-57	2.2947	1.7225	2.5310	2.7066	2.1704	1.6502	5.5381	2.5055
Ni-59	0.3850	0.2778	0.4983	0.3786	0.2194	0.1866	0.4181	0.5474
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.8264	0.6199	1.0579	0.9696	0.8220	0.6437	2.0447	0.8398
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	6.0355	5.3301	8.1743	6.2940	5.6743	5.0560	10.7203	5.5102
Np-233	1.8806	1.7148	1.8596	1.6671	1.6786	1.4839	2.4029	1.3833
Np-234	3.3019	2.7649	3.5442	3.2807	2.9994	2.5464	5.5449	2.9604
Np-235	0.5896	0.5077	0.6128	0.4421	0.4008	0.3823	0.5354	0.6720
Np-236	4.0262	3.7758	3.9390	3.3358	3.3840	3.2053	4.5388	3.3627
Np-236m	1.0485	0.9534	1.0346	0.9146	0.9171	0.8103	1.3270	0.8159
Np-237	1.4061	1.2372	1.3074	1.1774	1.1119	1.0041	1.4075	1.2937
Np-238	1.6654	1.3231	2.5549	1.7651	1.5316	1.2670	3.1632	1.6949
Np-239	3.0387	2.8716	3.1772	2.6701	2.7059	2.4742	4.0704	2.4280
Np-240	5.1098	4.6526	6.5309	4.9699	4.6887	3.9809	9.5686	5.2044
Np-240m	1.4892	1.3882	1.8305	1.4187	1.3470	1.0947	3.1366	1.7296
Np-241	0.7422	0.6965	0.7403	0.6567	0.6606	0.6026	0.9391	0.5760
Np-242	0.5138	0.4142	0.7042	0.6035	0.4883	0.3785	1.2363	0.5946
Np-242m	4.2054	3.6914	5.7812	4.3524	3.8188	3.3704	7.2721	4.3203
O-14	1.7073	1.2277	1.6791	2.3189	1.6569	1.0886	4.3873	1.9318
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.8596	2.7870	3.1405	2.6932	2.8079	2.5209	5.5391	2.3832
Os-180	2.4287	2.1012	2.5119	2.2873	2.0750	1.6866	2.8404	2.2687
Os-181	6.1156	5.4189	7.4601	6.3110	5.7647	4.7266	10.4858	5.7565
Os-182	4.3083	4.0340	4.8266	4.1608	4.0083	3.3665	6.6319	3.9853
Os-183	5.8341	5.3390	6.6534	5.6208	5.4758	4.6241	8.7599	4.9638
Os-183m	3.3299	2.6687	4.2927	3.6087	3.1453	2.4103	6.2067	3.2401
Os-185	3.3479	3.1238	3.8900	3.3817	3.0917	2.2807	7.5908	3.9255
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3580	0.2602	0.4595	0.3488	0.2048	0.1751	0.3871	0.5066
Os-190m	8.6381	8.5000	10.9552	8.4141	8.3356	7.0131	18.9608	9.0602
Os-191	2.2478	2.0053	2.2573	2.0736	1.9262	1.6377	2.6144	2.0876
Os-191m	0.5127	0.3981	0.5965	0.4843	0.3494	0.2890	0.5450	0.6226
Os-193	0.7701	0.7086	0.8576	0.7206	0.7001	0.5987	1.1512	0.7078
Os-194	0.3905	0.2929	0.4450	0.3776	0.2553	0.2067	0.4191	0.4866
Os-196	0.7816	0.7491	0.8698	0.7194	0.7378	0.6352	1.2548	0.6885

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0013	0.0009	0.0013	0.0018	0.0012	0.0008	0.0033	0.0014
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.7377	0.6553	0.7184	0.6162	0.6072	0.5339	0.8126	0.6589
Pa-228	6.2410	5.4742	7.9967	6.2450	5.7572	4.9409	10.9860	5.8885
Pa-229	1.6321	1.4672	1.5889	1.4160	1.4192	1.2474	2.0134	1.2735
Pa-230	3.5170	3.0563	4.5226	3.4815	3.2326	2.7265	6.0193	3.2768
Pa-231	1.2997	1.1199	1.3582	1.1082	0.9673	0.9134	1.3993	1.3627
Pa-232	3.4664	3.0173	5.0311	3.6601	3.2746	2.7563	6.8382	3.5766
Pa-233	2.6444	2.4434	3.0782	2.4128	2.3634	2.2681	3.8030	2.1630
Pa-234	6.3229	5.6611	8.2854	6.4600	5.8841	5.0212	11.8652	6.3136
Pa-234m	0.0509	0.0424	0.0725	0.0546	0.0478	0.0394	0.0993	0.0505
Pa-235	0.1299	0.0939	0.1677	0.1274	0.0741	0.0631	0.1408	0.1844
Pa-236	2.3602	2.1220	2.8036	2.4141	2.1559	1.6627	5.7088	2.7880
Pa-237	1.8370	1.5636	2.9595	2.2020	1.8247	1.4436	4.3935	2.1402
Pb-194	5.0192	4.5470	5.6898	4.8696	4.7354	3.9310	9.0505	4.6680
Pb-195m	7.5273	6.8338	10.0677	7.5533	7.1593	6.0093	15.0616	7.4289
Pb-196	4.6633	4.3973	5.2123	4.2793	4.3899	3.7322	7.5502	4.1316
Pb-197	4.8915	4.2046	6.1713	5.1240	4.6998	3.8260	9.7227	4.6739
Pb-197m	6.4488	5.9435	8.1825	6.2644	6.1102	5.1806	12.1531	6.1069
Pb-198	4.3534	4.0955	4.8911	4.0210	4.0659	3.6214	6.8113	3.6595
Pb-199	4.0697	3.5524	4.9053	4.1113	3.8666	3.2464	7.4596	3.7009
Pb-200	3.6781	3.4683	3.6183	3.3066	3.3457	2.9784	4.8629	3.0142
Pb-201	4.6921	4.2231	5.8906	4.6945	4.4623	3.9800	8.1988	4.0741
Pb-201m	1.7244	1.6985	1.8789	1.6222	1.5865	1.1626	4.5015	2.1375
Pb-202	0.3583	0.2669	0.4459	0.3375	0.2077	0.1808	0.3814	0.4981
Pb-202m	6.3887	5.6248	9.8742	7.0925	6.3477	5.0964	14.9395	6.8738
Pb-203	3.7291	3.5480	4.1031	3.3406	3.4662	3.1053	5.7038	3.0882
Pb-204m	5.7402	4.8049	9.6280	6.7455	5.7860	4.8150	13.0554	5.8156
Pb-205	0.3626	0.2702	0.4513	0.3415	0.2102	0.1830	0.3860	0.5041
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.4325	0.3466	0.4689	0.3914	0.2830	0.2471	0.4381	0.5275
Pb-211	0.2412	0.2170	0.3664	0.2643	0.2408	0.1983	0.5444	0.2511
Pb-212	1.7755	1.7777	1.8678	1.4937	1.6619	1.4817	2.7784	1.4555
Pb-214	2.0370	1.9423	2.5430	1.9348	1.9388	1.8093	3.5298	1.7005
Pd-100	3.6528	3.4064	3.1705	3.0317	3.3385	3.0004	3.7657	2.6245
Pd-101	2.8631	2.7156	2.9869	2.4265	2.5290	2.3685	3.8246	2.5803
Pd-103	0.9582	0.9019	0.8459	0.7017	0.7870	0.7801	0.6626	0.7878
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.4675	1.5546	1.4398	1.2112	1.3770	1.3887	1.8237	1.0270

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.5855	0.4994	0.4503	0.5506	0.4882	0.4760	0.4714	0.4708
Pd-111	0.1466	0.1333	0.1836	0.1547	0.1438	0.1130	0.3528	0.1613
Pd-112	0.3538	0.3359	0.3336	0.2273	0.2776	0.2751	0.2587	0.3191
Pd-114	0.2653	0.2791	0.2875	0.2404	0.2576	0.2435	0.4300	0.2158
Pd-96	4.4240	4.0636	5.7347	4.7901	4.2940	3.6316	8.9031	4.6139
Pd-97	4.1174	3.6912	5.2511	4.3315	4.0136	3.3436	8.7642	4.0834
Pd-98	3.3318	3.1822	3.4332	3.0542	3.0934	2.7514	4.9186	2.7947
Pd-99	3.5217	3.4238	3.8879	3.4724	3.3701	3.0391	6.2027	3.2002
Pm-136	6.1829	5.6377	9.2593	6.8405	6.1643	5.0621	15.0983	6.7101
Pm-137m	6.5768	6.2211	7.4580	6.3905	6.4042	5.3521	12.2033	5.7415
Pm-139	1.1879	1.0307	1.3420	1.1901	1.1455	0.8853	2.1481	1.0446
Pm-140m	6.5837	5.5390	10.3386	7.6124	6.6124	5.2135	15.4201	6.9421
Pm-140	0.4546	0.3746	0.5636	0.5089	0.4430	0.3315	0.9527	0.4605
Pm-141	0.9531	0.7471	0.8561	0.9738	0.8888	0.6248	1.4899	0.8002
Pm-142	0.3692	0.2883	0.2826	0.3612	0.3387	0.2375	0.4762	0.2850
Pm-143	1.9685	1.6067	2.0850	2.0938	1.8498	1.3070	3.3866	1.8649
Pm-144	6.2174	5.8681	7.5736	6.4501	5.9918	4.2854	16.3679	7.5962
Pm-145	1.2815	1.0080	0.9148	1.1984	1.1544	0.7843	1.3358	0.9268
Pm-146	3.4632	3.0877	4.5432	3.7164	3.4081	2.6065	7.4685	3.6389
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	1.1644	0.9837	1.5619	1.3249	1.1628	0.8899	2.9784	1.3170
Pm-148m	6.8899	6.6474	9.2973	7.1899	6.7787	5.0992	19.0794	8.4879
Pm-149	0.0814	0.0800	0.1047	0.0777	0.0784	0.0742	0.1513	0.0697
Pm-150	3.5577	3.0121	5.0447	4.0674	3.5418	3.0155	8.3712	3.5181
Pm-151	2.4728	2.3498	2.8400	2.3778	2.3945	2.1116	4.2911	2.0331
Pm-152m	5.7039	5.2665	6.9570	5.7478	5.5675	4.6910	11.4682	5.2696
Pm-152	0.9925	0.8617	1.2483	1.0943	0.9698	0.7771	1.9784	0.9578
Pm-153	1.3626	1.2672	1.2157	1.3208	1.2822	1.0837	1.7939	1.0396
Pm-154	3.0669	2.3485	3.8792	3.6406	2.9881	2.2202	6.8888	3.0739
Pm-154m	5.3008	4.6807	6.1546	5.5082	5.1694	4.2597	10.6386	4.8806
Po-203	5.1944	4.3980	6.8275	5.5299	4.9681	4.0680	10.0272	4.9648
Po-204	7.1828	6.3737	8.7033	7.0639	6.6257	5.5881	12.1852	6.7398
Po-205	4.9936	4.1479	6.8295	5.5151	4.8028	3.8984	9.8382	4.9018
Po-206	6.2005	5.4678	8.0247	6.2953	5.8136	4.9126	11.3628	6.0028
Po-207	4.5731	3.8674	6.2922	4.8798	4.3955	3.5651	9.0555	4.4071
Po-208	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0003	0.0001
Po-209	0.0525	0.0447	0.0670	0.0515	0.0430	0.0368	0.0810	0.0571
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-211	0.0232	0.0206	0.0359	0.0267	0.0232	0.0177	0.0609	0.0277
Po-212m	0.0882	0.0767	0.1015	0.1049	0.0870	0.0605	0.2390	0.1106

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001
Po-214	0.0002	0.0002	0.0004	0.0003	0.0002	0.0002	0.0005	0.0002
Po-215	0.0009	0.0009	0.0013	0.0009	0.0009	0.0008	0.0020	0.0009
Po-216	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	8.4323	7.8994	11.5196	8.7499	8.3159	6.7848	20.0764	8.7809
Pr-134m	3.9405	3.5289	5.2048	4.1481	3.9050	3.1109	8.8264	3.8685
Pr-135	2.7741	2.5021	2.7852	2.7233	2.6386	2.1268	4.3440	2.2163
Pr-136	4.6429	4.2035	5.8433	4.9719	4.5908	3.4187	11.1233	5.1669
Pr-137	1.1379	0.9304	0.9401	1.1552	1.0490	0.7422	1.3992	0.8554
Pr-138	0.3830	0.3086	0.3338	0.4028	0.3538	0.2474	0.5005	0.3047
Pr-138m	7.0017	5.8336	10.4785	8.1690	6.9374	5.7237	14.7847	6.8137
Pr-139	1.1393	0.9158	0.7879	1.1252	1.0301	0.7013	1.1266	0.7841
Pr-140	0.6070	0.4880	0.4193	0.5993	0.5487	0.3747	0.5922	0.4152
Pr-142	0.0628	0.0449	0.0608	0.0723	0.0614	0.0517	0.1256	0.0548
Pr-142m	0.0175	0.0126	0.0226	0.0172	0.0100	0.0085	0.0190	0.0248
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0427	0.0363	0.0545	0.0519	0.0416	0.0296	0.1236	0.0541
Pr-144m	0.5467	0.4290	0.4208	0.5243	0.4712	0.3252	0.5577	0.4328
Pr-145	0.0594	0.0500	0.0797	0.0664	0.0580	0.0431	0.1365	0.0637
Pr-146	2.2251	1.9285	3.0012	2.4867	2.2334	1.7572	5.3387	2.3853
Pr-147	3.3801	2.9294	3.3538	3.3859	3.2076	2.4553	5.6907	2.9077
Pr-148	2.6960	2.4000	3.6799	2.9566	2.6607	2.3217	6.1250	2.6123
Pr-148m	4.2258	4.0365	5.8122	4.3519	4.1834	3.7386	9.2173	4.0531
Pt-184	8.1527	7.6302	8.6784	7.4904	7.4688	6.3738	11.8890	7.2487
Pt-186	4.2315	3.9064	4.8676	4.1230	3.9065	3.0659	8.1667	4.4814
Pt-187	5.0003	4.5022	5.5255	4.7192	4.5888	3.8136	7.4140	4.4843
Pt-188	3.3991	3.1519	3.4962	2.9990	3.0587	2.6313	4.2424	2.8593
Pt-189	4.6309	4.1736	4.9644	4.3225	4.1993	3.4104	7.0078	4.3378
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.1444	3.7270	4.3269	3.7733	3.7642	3.0830	5.6134	3.6634
Pt-193	0.3817	0.2822	0.4797	0.3634	0.2204	0.1907	0.4084	0.5336
Pt-193m	0.6881	0.5492	0.7697	0.6355	0.4925	0.4101	0.7469	0.7904
Pt-195m	2.5771	2.1777	2.6268	2.3473	2.1082	1.7366	2.8865	2.4512
Pt-197	0.7196	0.6253	0.7432	0.6441	0.5869	0.5073	0.8774	0.6925
Pt-197m	1.7870	1.5293	1.9480	1.6374	1.4686	1.2521	2.1803	1.7460
Pt-199	1.0944	1.0508	1.4127	1.0916	1.0671	0.8975	2.2750	1.1138
Pt-200	1.3003	1.1664	1.3212	1.1742	1.1246	0.9666	1.6334	1.1629
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.3941	1.2755	1.3679	1.2379	1.2419	1.1026	1.7458	1.0252
Pu-234	1.5826	1.4442	1.5563	1.3942	1.3943	1.2417	1.9538	1.1933
Pu-235	2.1184	1.9228	2.0975	1.8730	1.8439	1.6419	2.5816	1.6547
Pu-236	0.1829	0.1613	0.1845	0.1307	0.1273	0.1230	0.1589	0.2009
Pu-237	1.4703	1.3251	1.4513	1.2587	1.2368	1.1109	1.6856	1.2239
Pu-238	0.1687	0.1487	0.1702	0.1202	0.1173	0.1134	0.1466	0.1856
Pu-239	0.0973	0.0817	0.1054	0.0766	0.0646	0.0607	0.0905	0.1150
Pu-240	0.1587	0.1399	0.1602	0.1132	0.1104	0.1067	0.1379	0.1745
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Pu-242	0.1362	0.1200	0.1374	0.0971	0.0947	0.0915	0.1185	0.1498
Pu-243	0.6201	0.5599	0.5765	0.5344	0.5595	0.4863	0.7632	0.4714
Pu-244	0.1533	0.1353	0.1664	0.1255	0.1186	0.1081	0.1927	0.1659
Pu-245	2.1775	2.0132	2.8675	2.2292	2.0953	1.8816	4.1382	1.9624
Pu-246	2.6014	2.4722	2.5075	2.3059	2.3437	2.0975	3.2862	2.0276
Ra-219	1.4137	1.3171	1.7880	1.4052	1.3545	1.3343	2.3539	1.0754
Ra-220	0.0243	0.0232	0.0336	0.0246	0.0247	0.0200	0.0535	0.0250
Ra-221	0.8603	0.8131	0.8535	0.7495	0.7274	0.6901	1.0465	0.7548
Ra-222	0.0629	0.0595	0.0870	0.0644	0.0616	0.0631	0.1129	0.0474
Ra-223	2.0216	1.9010	2.1137	1.8264	1.8507	1.6754	2.9232	1.6106
Ra-224	0.0990	0.1062	0.1105	0.0792	0.0941	0.0858	0.1734	0.0843
Ra-225	0.6759	0.5358	0.5191	0.5346	0.5746	0.4170	0.7193	0.5651
Ra-226	1.9302	1.9425	1.9050	1.8934	1.9222	1.9304	1.8977	1.8681
Ra-227	1.9428	1.7536	2.1248	1.7648	1.6398	1.5014	2.7019	1.8599
Ra-228	1.7352	1.7460	1.7091	1.6832	1.7244	1.7132	1.6955	1.6784
Ra-230	1.0243	0.9587	1.0878	0.9126	0.9383	0.8173	1.4741	0.8532
Rb-77	2.7355	2.5789	3.1277	2.6249	2.6700	2.2385	4.8497	2.4005
Rb-78m	5.0385	4.4343	6.6600	5.6212	4.9978	3.8116	12.8753	5.6394
Rb-78	3.8185	3.2688	4.7938	4.4720	3.7764	2.8068	9.4627	4.3754
Rb-79	3.3967	3.4249	3.9452	3.2835	3.2428	2.9201	6.6123	3.2875
Rb-80	0.5801	0.5948	0.7094	0.5797	0.5530	0.3813	1.9196	0.8373
Rb-81	1.4299	1.3214	1.8168	1.3293	1.2791	1.0806	2.6719	1.5716
Rb-81m	0.5779	0.5254	0.5329	0.4130	0.4223	0.3991	0.5967	0.6057
Rb-82	0.3324	0.2714	0.5696	0.4357	0.3280	0.2594	0.8436	0.4237
Rb-82m	6.9690	6.0749	10.2057	8.0164	6.7907	5.1894	18.3525	8.5981
Rb-83	2.7998	2.6364	3.5485	2.7145	2.5919	2.0705	5.9451	3.2942
Rb-84	1.7595	1.3964	2.8906	2.0726	1.6350	1.3423	3.6908	2.0254
Rb-84m	2.9205	3.0570	3.4881	2.4699	2.8081	2.5028	5.4386	2.6702
Rb-86m	2.2262	2.1916	2.9111	2.2802	2.2153	1.6544	6.0154	2.7632
Rb-86	0.1643	0.1205	0.2714	0.2000	0.1659	0.1242	0.4276	0.1736
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.7229	0.5237	0.9388	0.9378	0.7101	0.5324	1.7327	0.7441
Rb-89	3.1293	2.3446	4.4916	3.8674	3.1210	2.2491	8.5364	3.5292
Rb-90	1.6641	1.2630	2.5093	2.2867	1.6780	1.2354	4.2188	1.9995
Rb-90m	3.8227	2.8851	5.8166	5.1331	3.8427	2.8890	9.7639	4.4920
Re-178	4.3053	3.8065	4.9226	4.4504	4.0139	3.2524	7.3981	4.0018
Re-179	5.7276	5.2292	6.8719	5.7855	5.4524	4.6250	9.7982	5.1583
Re-180	4.4399	3.6194	6.1070	5.0682	4.1865	3.3202	7.7443	4.3083
Re-181	5.4448	4.8899	6.6158	5.5373	5.0956	4.2789	9.0634	4.9540
Re-182	10.2152	9.2745	11.2917	10.1381	9.5772	8.1003	16.4946	8.8500
Re-182m	5.1005	4.2325	5.6499	5.3891	4.7709	3.6854	8.6239	4.6791
Re-183	3.7028	3.2985	3.6505	3.6660	3.2495	2.7333	4.1467	3.1289
Re-184	4.0028	3.3241	5.4838	4.6087	3.7871	3.0177	6.9785	3.9807
Re-184m	3.6273	3.2399	4.1305	3.5817	3.2631	2.7469	5.1654	3.2718
Re-186	0.4254	0.4021	0.4155	0.4121	0.3856	0.3422	0.5175	0.3597
Re-186m	1.3514	1.0367	1.5507	1.3228	0.9240	0.7503	1.4374	1.6232
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.5373	0.5440	0.5513	0.5111	0.5090	0.4849	0.8069	0.4339
Re-188m	2.2444	1.9043	2.2589	2.1130	1.8938	1.5257	2.4236	2.0340
Re-189	0.6173	0.6230	0.6777	0.5325	0.5675	0.5154	0.9391	0.5341
Re-190	6.0955	6.0192	7.9364	6.0040	5.9890	5.0553	13.6184	6.2142
Re-190m	5.1582	4.9642	6.3969	5.0593	4.9550	4.1391	10.5226	5.1689
Rh-100m	1.5215	1.4115	1.3454	1.2088	1.2952	1.2069	1.3067	1.2355
Rh-100	5.6469	4.8999	6.9727	6.1150	5.4686	4.2800	12.7528	6.1730
Rh-101	3.9934	4.1565	4.0873	3.3871	3.7413	3.6631	5.1891	3.0859
Rh-101m	2.7593	2.6605	3.3425	2.4874	2.5572	2.5817	4.0424	2.2038
Rh-102	2.0069	1.9012	2.5058	1.8801	1.9174	1.6062	3.8017	2.0519
Rh-102m	7.4271	6.8838	10.2475	7.7636	7.2394	5.6620	18.3241	8.6378
Rh-103m	0.1289	0.1154	0.1242	0.1010	0.0994	0.0961	0.0998	0.1214
Rh-104	0.0517	0.0503	0.0662	0.0521	0.0508	0.0387	0.1319	0.0623
Rh-104m	1.6352	1.4826	1.4121	1.7053	1.4499	1.2704	1.3742	1.2075
Rh-105	0.5224	0.4974	0.7292	0.5388	0.5143	0.5357	0.9380	0.3876
Rh-106	0.7714	0.7418	1.0329	0.8057	0.7718	0.5808	2.0340	0.9323
Rh-106m	7.7422	6.8524	11.2392	8.7309	7.7861	6.0640	19.5421	8.7982
Rh-107	2.0344	1.9863	2.7644	2.0135	2.0002	1.9808	3.8565	1.6348
Rh-108	1.4193	1.3876	1.9399	1.4076	1.4204	1.1316	3.4873	1.5507
Rh-109	2.2211	2.1819	2.8318	2.1464	2.1685	2.1306	3.8842	1.7315
Rh-94	4.4041	3.4442	5.9579	5.3264	4.3888	3.4119	11.1830	4.8188
Rh-95	3.0792	2.4192	4.4980	3.6541	3.0332	2.3474	7.4526	3.3436
Rh-95m	2.2498	2.1302	2.9863	2.4023	2.2401	1.7072	5.6319	2.6884
Rh-96	7.4192	6.6009	10.8466	8.7097	7.2781	5.4083	21.3323	9.6240

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.8916	1.5195	2.7103	2.2400	1.8236	1.4815	3.9989	2.0309
Rh-97	2.9376	2.6784	4.0819	3.0055	2.8840	2.4117	6.1938	2.9274
Rh-97m	4.2745	3.8467	4.9070	4.3746	4.0771	3.4495	8.2755	4.0440
Rh-98	2.2191	2.1663	2.7806	2.3398	2.1182	1.4863	7.0704	3.0975
Rh-99	3.9604	3.7572	4.5950	3.5797	3.7162	3.3222	6.4676	3.5206
Rh-99m	3.1567	2.9676	3.9396	2.9782	2.9670	2.7427	5.7777	2.8937
Rn-207	4.1820	3.8471	5.4210	4.2522	4.0190	3.4259	8.6509	4.0626
Rn-209	4.6349	4.1805	5.9585	4.7388	4.4642	3.7122	9.4644	4.4825
Rn-210	0.3339	0.3056	0.4142	0.3294	0.3143	0.2605	0.6486	0.3318
Rn-211	5.7207	5.0329	7.4077	6.0773	5.4944	4.3219	13.3600	6.1960
Rn-212	0.0009	0.0009	0.0013	0.0011	0.0009	0.0007	0.0030	0.0013
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0025	0.0026	0.0031	0.0025	0.0024	0.0017	0.0082	0.0036
Rn-219	0.4228	0.4267	0.5331	0.3786	0.4110	0.3729	0.8083	0.3661
Rn-220	2.4405	2.4555	2.4078	2.3583	2.4205	2.4275	2.4321	2.3160
Rn-222	0.0019	0.0018	0.0026	0.0020	0.0019	0.0015	0.0044	0.0021
Rn-223	2.1385	1.9728	2.4870	2.0306	1.9042	1.5830	4.0506	2.2685
Ru-103	2.4409	2.3199	3.3458	2.5525	2.4894	1.9573	5.5717	2.6828
Ru-105	2.8280	2.6685	3.9899	3.0563	2.7829	2.2912	6.8543	3.1897
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	1.1123	1.0308	1.5389	1.1711	1.1065	0.9331	2.4601	1.0990
Ru-108	0.8845	0.9551	0.8212	0.7824	0.8541	0.8845	1.1178	0.5715
Ru-92	8.6301	8.6255	9.4347	7.7283	8.1435	7.4431	13.6415	7.2892
Ru-94	2.9694	2.7692	3.9816	2.7694	2.7995	2.5775	5.1180	2.6752
Ru-95	3.9192	3.5487	5.1867	3.9435	3.7360	3.3218	8.0251	3.7856
Ru-97	2.8547	2.9900	3.0715	2.1807	2.6220	2.5529	3.8920	2.2630
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.5469	1.1289	1.6162	2.1739	1.4922	0.9728	4.0116	1.9259
S-38	1.5244	1.0466	1.4430	2.0276	1.4425	0.9914	3.7345	1.4844
Sb-111	3.3934	3.2801	3.9088	3.5185	3.3421	3.0520	6.0184	2.9268
Sb-113	3.0310	2.7423	3.8420	3.2551	2.9999	2.5046	6.0093	3.0229
Sb-114	3.0754	2.2749	3.8559	3.7879	3.0281	2.2429	8.3091	3.4874
Sb-115	3.3310	2.9917	3.9653	3.5910	3.2567	2.6895	6.2945	3.3708
Sb-116	2.8956	2.0968	3.3839	3.6005	2.7977	2.0820	7.2218	3.1913
Sb-116m	8.5353	7.0330	10.6799	9.7029	8.3063	6.7076	18.4270	8.4942
Sb-117	3.0929	2.9788	2.4056	3.1514	2.8489	2.9396	3.3319	2.1084
Sb-118	0.3948	0.2997	0.2922	0.4617	0.3421	0.3107	0.4730	0.3429
Sb-118m	8.3861	6.9345	9.6474	9.1011	7.9749	6.5109	16.7834	8.0264

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.4643	1.1226	0.9024	1.6585	1.2053	1.1744	1.1082	1.1754
Sb-120	0.7357	0.5597	0.4622	0.8510	0.6179	0.5909	0.6296	0.5888
Sb-120m	8.2735	6.9706	9.9492	8.9212	8.0085	6.7576	15.5568	7.1197
Sb-122m	2.4173	2.0259	1.7652	2.4968	2.1931	1.8566	2.1923	1.7390
Sb-122	1.7045	1.6716	2.2012	1.7610	1.6848	1.2478	4.7231	2.1523
Sb-124	3.6188	3.3090	4.3348	3.9384	3.5108	2.5577	10.4348	4.5295
Sb-124m	1.6631	1.6416	2.1517	1.7030	1.6179	1.1840	4.7387	2.1729
Sb-124n	0.0610	0.0440	0.0789	0.0599	0.0348	0.0296	0.0662	0.0866
Sb-125	2.6777	2.5125	2.9095	2.7453	2.5433	2.0669	5.3612	2.6746
Sb-126	8.4953	8.0900	12.2513	9.3246	8.3721	6.3264	24.5039	10.8459
Sb-126m	5.1876	5.0387	7.2719	5.4747	5.1020	3.8756	14.7970	6.4962
Sb-127	2.5419	2.4108	3.5778	2.7573	2.5229	1.9753	6.5347	3.0036
Sb-128	9.3915	8.5977	14.0949	10.8996	9.3297	7.4194	25.3880	11.4375
Sb-128m	5.9595	5.2812	9.4984	7.2285	5.9553	5.0790	14.8270	6.7348
Sb-129	3.1944	2.6438	5.0559	3.9192	3.2144	2.5244	8.0315	3.6244
Sb-130m	6.6897	5.5593	11.1064	8.4136	6.7685	5.5145	16.0294	7.4185
Sb-130	9.8193	8.6323	15.1628	11.6216	9.8563	8.4662	22.1404	10.1581
Sb-131	3.8995	3.2133	5.7555	4.6420	3.8693	2.9596	10.2054	4.4006
Sb-133	4.0294	3.0926	5.6718	4.9608	4.0204	3.0326	10.4109	4.4354
Sc-42m	5.7989	4.6916	7.3002	6.5129	5.8015	4.4949	14.5582	6.0958
Sc-43	0.4876	0.4702	0.6895	0.4717	0.4811	0.4410	0.9947	0.4252
Sc-44	1.8804	1.3497	2.7563	2.3205	1.8890	1.3404	5.4264	2.1627
Sc-44m	1.9289	2.0016	2.3971	1.7047	1.8706	1.7578	3.6568	1.6437
Sc-46	3.7819	2.8212	6.4694	4.8195	3.8403	2.9176	9.8716	4.2202
Sc-47	1.3884	1.5516	1.2722	1.2666	1.3712	1.4694	1.8228	0.8380
Sc-48	5.7936	4.2914	9.1245	7.0330	5.8372	4.4036	15.0336	6.1361
Sc-49	0.0010	0.0007	0.0010	0.0013	0.0010	0.0008	0.0022	0.0009
Sc-50	5.7457	4.6447	7.5103	6.5515	5.7544	4.4471	14.0161	6.1029
Se-70	3.2457	2.8652	3.8905	3.3433	2.7132	2.3236	4.8362	3.3592
Se-71	2.0416	1.8886	2.5911	2.2566	2.0195	1.8034	4.0669	1.8823
Se-72	1.8726	1.4513	1.9200	2.0090	1.3876	1.0784	1.9741	2.0050
Se-73	3.5851	3.3113	4.3876	3.3857	3.4004	3.0175	5.8375	3.0210
Se-73m	0.4750	0.4225	0.5778	0.4440	0.3981	0.3421	0.7674	0.5068
Se-75	4.4344	4.3987	5.0828	4.0912	4.0110	3.7617	7.0445	4.0655
Se-77m	1.3966	1.4539	1.3709	1.2543	1.2534	1.3054	1.7546	1.0832
Se-79m	0.7130	0.5773	0.7980	0.6373	0.4853	0.4279	0.7968	0.8290
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0403	0.0396	0.0548	0.0403	0.0397	0.0357	0.0860	0.0387
Se-81m	0.7756	0.6380	0.8631	0.7010	0.5471	0.4830	0.8908	0.8646
Se-83m	1.9195	1.5755	2.9016	2.2343	1.9066	1.5051	4.7498	1.9933

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	6.7929	6.0583	9.4648	7.5214	6.7793	5.5566	15.9975	7.0663
Se-84	2.2047	2.1541	3.1193	2.0914	2.2186	1.8827	4.8378	2.0677
Si-31	0.0013	0.0009	0.0015	0.0016	0.0013	0.0008	0.0041	0.0016
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	3.3837	3.1590	4.2492	3.4193	3.2907	2.8091	6.9250	3.1909
Sm-140	2.2708	1.9332	2.1960	2.2123	2.1425	1.6493	3.5689	1.8799
Sm-141	3.0940	2.7208	3.8365	3.1372	3.0407	2.4086	6.3323	2.8801
Sm-141m	5.9252	5.3352	7.3926	6.1040	5.7942	4.7202	11.6848	5.5240
Sm-142	1.2047	0.9329	0.8646	1.1107	1.0889	0.7322	1.3163	0.8874
Sm-143	0.7832	0.6050	0.6125	0.7404	0.7147	0.4876	0.9536	0.5966
Sm-143m	1.8253	1.5441	3.0228	2.3496	1.8299	1.3930	4.9226	2.3426
Sm-145	2.4797	1.9442	1.7878	2.2823	2.2547	1.5324	2.6454	1.8003
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0019	0.0014	0.0022	0.0018	0.0012	0.0011	0.0019	0.0024
Sm-153	1.6309	1.3537	1.3464	1.5977	1.5258	1.1387	1.9801	1.1038
Sm-155	1.6804	1.5403	1.5786	1.6348	1.6380	1.3703	2.3700	1.0141
Sm-156	1.6615	1.6145	1.6382	1.4844	1.5593	1.4070	2.2792	1.2062
Sm-157	2.7282	2.7315	3.0195	2.4609	2.6516	2.3869	4.4517	2.1111
Sn-106	5.1050	4.6338	6.1033	5.3548	4.8891	4.2559	9.5115	4.8053
Sn-108	4.9916	4.7436	5.5250	4.8952	4.7183	4.2888	8.6534	4.3633
Sn-109	4.3312	3.3851	5.1011	5.0564	4.1292	3.3705	8.9804	4.2734
Sn-110	3.2131	3.0119	3.3471	3.1520	2.9637	2.9022	4.6585	2.5806
Sn-111	1.0631	0.8312	0.8414	1.1953	0.9215	0.8495	1.2445	0.9135
Sn-113	1.1864	0.9453	0.7658	1.2846	0.9891	0.9712	0.9295	0.9423
Sn-113m	0.8310	0.6363	0.5056	0.9471	0.6877	0.6669	0.6332	0.6599
Sn-117m	2.8939	2.8451	2.2943	2.9058	2.6848	2.7881	3.1839	1.9466
Sn-119m	0.9761	0.7483	0.6301	1.0926	0.7925	0.7760	0.7483	0.8105
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3054	0.2356	0.2073	0.3386	0.2508	0.2231	0.2495	0.2497
Sn-123	0.0121	0.0089	0.0197	0.0147	0.0122	0.0091	0.0318	0.0129
Sn-123m	1.9131	2.0793	1.7057	1.7810	1.8644	1.9729	2.4242	1.1838
Sn-125m	2.1197	2.0099	2.9668	2.1783	2.0935	2.1145	3.9583	1.6345
Sn-125	0.6348	0.4882	1.0339	0.7876	0.6403	0.4967	1.5866	0.6778
Sn-126	1.5384	1.3192	1.2373	1.5292	1.4141	1.2220	1.7076	1.0573
Sn-127m	2.3829	2.2200	3.2472	2.5129	2.4319	1.9245	5.3684	2.5573
Sn-127	4.1234	3.4177	6.0587	4.8231	4.1262	3.2519	9.9422	4.3630
Sn-128	5.3629	4.7112	5.2014	5.7657	5.0259	4.2262	8.3549	4.8169
Sn-129	2.4708	2.3575	3.2173	2.6554	2.3913	1.6981	7.8324	3.3607

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	5.1480	4.8335	6.2249	5.3907	5.0017	4.3888	9.1984	4.6766
Sn-130m	3.1361	2.7096	3.7304	3.5562	3.0346	2.5521	6.0326	2.9759
Sr-79	2.0153	1.8949	2.0416	1.7886	1.8813	1.6360	3.0812	1.6094
Sr-80	1.9953	1.9839	2.2862	1.7526	1.7866	1.5012	4.2184	2.2819
Sr-81	3.0111	3.0868	3.4403	2.9024	2.9510	2.7616	5.3943	2.5729
Sr-82	0.5953	0.5442	0.5387	0.3778	0.3970	0.3953	0.5305	0.6753
Sr-83	2.3204	2.0580	3.0727	2.2801	2.0574	1.7609	4.4643	2.5923
Sr-85	2.9513	2.7898	3.7522	2.8415	2.7933	2.2626	6.0372	3.3227
Sr-85m	2.1271	2.3203	2.3286	1.7078	2.0261	1.9204	3.5271	1.7355
Sr-87m	1.8404	1.7937	2.5546	1.7007	1.8077	1.6019	3.7941	1.6633
Sr-89	0.0002	0.0001	0.0003	0.0002	0.0002	0.0001	0.0004	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.5635	1.3042	2.5493	1.8753	1.5635	1.1884	4.2342	1.8467
Sr-92	1.8524	1.3554	2.1827	2.2136	1.8402	1.3580	5.0616	2.0497
Sr-93	5.2325	4.6834	7.1346	5.8604	5.1565	4.0071	13.5906	6.0650
Sr-94	1.8280	1.3263	2.0740	2.2015	1.8081	1.3549	4.8616	2.0009
Ta-170	2.1338	1.8614	2.5415	2.2858	1.9728	1.6126	3.3171	1.8719
Ta-172	4.9354	4.2845	5.9183	5.3137	4.6749	3.7962	9.0405	4.5709
Ta-173	3.7357	3.2586	3.8698	4.0425	3.3843	2.7557	4.9635	3.2413
Ta-174	3.8117	3.4708	4.1033	3.8832	3.5223	2.9520	5.7256	3.2510
Ta-175	5.2228	4.5855	5.7620	5.6549	4.9082	4.0272	8.2042	4.5423
Ta-176	5.0582	4.0701	5.6830	5.8127	4.7595	3.6339	9.8368	4.9699
Ta-177	1.7173	1.4770	1.6340	1.8980	1.5332	1.2024	1.8135	1.4072
Ta-178	1.7871	1.5064	1.7133	1.9811	1.5852	1.2288	1.9622	1.4944
Ta-178m	10.4826	9.9151	12.4005	10.3754	10.0550	8.9628	16.8321	8.3732
Ta-179	0.8956	0.7433	0.8847	0.9838	0.7517	0.5859	0.9030	0.8155
Ta-180	1.4536	1.2331	1.3770	1.6047	1.2824	0.9972	1.4886	1.1981
Ta-182	4.3471	3.6373	5.0568	4.5899	4.1584	3.2539	8.4766	4.0818
Ta-182m	4.6572	4.4712	4.6872	4.5266	4.1892	3.8633	5.6354	3.7632
Ta-183	4.4236	4.1279	4.6935	4.2446	3.9900	3.4824	5.9425	3.7259
Ta-184	7.7336	7.2091	10.4926	7.8534	7.4913	6.4124	15.1856	7.3539
Ta-185	2.4349	2.3384	2.4854	2.2685	2.1836	1.9842	3.0638	2.0142
Ta-186	7.1257	7.0107	9.0568	7.1001	6.9495	5.9244	14.9169	7.1163
Tb-146	3.9612	2.9679	4.6934	4.6181	3.8883	3.0603	8.6384	3.7941
Tb-147m	2.6973	1.9736	2.6873	3.1841	2.5805	1.8652	5.7478	2.6252
Tb-147	4.9738	4.1402	6.0753	5.6786	4.8425	3.6494	11.3620	5.1784
Tb-148m	9.1297	8.1273	13.4258	10.4476	9.0295	7.0245	22.5892	10.3790
Tb-148	3.9345	3.2003	5.6647	4.9045	3.8968	2.9375	9.3227	4.4488
Tb-149m	3.8733	3.2486	5.5530	4.7834	3.7922	2.8902	8.7508	4.3725
Tb-149	4.6618	4.1129	5.7210	5.1050	4.5253	3.7141	9.1287	4.3388

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	9.6732	9.2459	12.4135	10.1503	9.4325	7.1651	24.7985	11.3497
Tb-150	4.5669	3.9810	5.2252	5.1225	4.3781	3.1190	11.3769	5.2745
Tb-151	6.3189	5.8521	7.1121	6.3889	6.0671	4.8960	11.7472	5.7629
Tb-151m	1.1312	0.9121	1.3045	1.3112	0.9103	0.7337	1.4687	1.1865
Tb-152m	5.6851	5.2843	6.5458	5.8305	5.4375	4.6355	9.7809	4.8931
Tb-152	4.2383	3.6590	5.1618	4.6352	4.0964	3.3732	8.3092	3.8763
Tb-153	3.6618	3.2742	3.6252	3.6833	3.4285	2.7698	5.2097	2.8918
Tb-154	4.7191	3.7773	5.1445	5.5478	4.5121	3.2910	9.6959	4.6843
Tb-155	3.5179	3.0867	3.1242	3.5557	3.2906	2.6378	4.4571	2.5020
Tb-156	7.3100	6.3626	8.5657	7.7770	7.0809	5.5392	14.6456	6.9523
Tb-156m	1.0054	0.8443	0.8429	1.5444	0.9501	0.7012	0.9905	0.6754
Tb-156n	0.2860	0.2167	0.3181	0.2974	0.2014	0.1593	0.3141	0.3294
Tb-157	0.3227	0.2436	0.3299	0.3348	0.2404	0.1807	0.3487	0.3450
Tb-158	3.4700	2.7859	4.4085	3.9467	3.3050	2.5500	5.9371	3.1093
Tb-160	3.2874	2.7236	4.7713	3.8020	3.2330	2.6507	7.0234	3.1764
Tb-161	1.3699	1.0986	1.1407	1.6068	1.1726	0.9584	1.3592	1.1347
Tb-162	4.4267	4.0952	6.3256	4.7965	4.3528	3.7239	9.0644	4.3405
Tb-163	4.2676	4.1172	5.7718	4.2757	4.2458	3.6424	9.1736	4.1248
Tb-164	7.2898	6.6886	9.5038	8.0027	7.1223	5.7308	17.2906	7.9122
Tb-165	1.6420	1.3143	2.0406	1.9168	1.5977	1.2198	3.9850	1.7839
Tc-101	2.2163	2.1558	2.9983	2.2322	2.1796	2.1856	4.1339	1.7677
Tc-102m	5.2312	4.6193	6.8155	5.7792	5.2026	3.9270	13.4646	5.9283
Tc-102	0.2609	0.2394	0.3657	0.2806	0.2637	0.2057	0.6324	0.2884
Tc-104	4.8457	4.2779	6.4695	5.3468	4.8127	4.0479	10.9973	4.7781
Tc-105	3.5979	3.4831	4.2781	3.5784	3.5142	3.1511	6.8432	3.1775
Tc-91	1.6641	1.2657	1.9742	2.0525	1.6317	1.2384	3.9409	1.7797
Tc-91m	1.5731	1.4358	2.1355	1.6842	1.5949	1.2487	3.6134	1.7220
Tc-92	7.5029	6.6945	9.6632	8.3340	7.4124	6.6547	15.2748	6.9848
Tc-93	2.5024	1.9471	2.6314	2.5881	2.3266	1.8718	5.3034	2.5867
Tc-93m	2.0659	1.8895	2.6258	2.0422	1.9906	1.6775	4.1865	1.9858
Tc-94	6.6942	5.6400	11.0072	8.0929	6.5982	5.2289	16.5343	8.0166
Tc-94m	2.4181	1.8874	4.0230	3.0395	2.4006	1.9184	5.5600	2.6827
Tc-95	2.7086	2.3467	4.1057	3.0272	2.5610	2.1286	5.7692	3.1767
Tc-95m	3.5301	3.4621	4.4718	3.2515	3.3280	2.9492	6.5228	3.4672
Tc-96	6.5359	5.2967	11.2723	8.3088	6.4977	5.2730	15.3578	7.7128
Tc-96m	0.5337	0.4938	0.5554	0.4015	0.4416	0.4181	0.5613	0.5018
Tc-97	0.7754	0.7407	0.7158	0.4675	0.6057	0.6057	0.5664	0.7003
Tc-97m	0.6331	0.6032	0.5826	0.4091	0.5040	0.5007	0.4576	0.5538
Tc-98	3.8367	3.6202	5.6759	4.4605	3.7636	2.7227	12.0489	5.3984
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.8342	1.9669	1.7344	1.7425	1.7903	1.7950	2.5134	1.3429
Te-113	2.1184	1.6413	2.9289	2.6281	2.0931	1.5726	5.4109	2.3736
Te-114	4.0796	3.3910	4.1695	4.6034	3.8002	3.1940	6.9671	3.7192
Te-115	3.3488	2.7730	4.1650	3.8514	3.2567	2.5209	8.3246	3.7012
Te-115m	3.8203	3.0140	5.0253	4.6773	3.7277	2.8655	9.3036	4.2327
Te-116	2.5454	2.0826	1.8119	2.7904	2.2490	2.0041	2.6077	1.8618
Te-117	3.0120	2.4605	3.6371	3.6440	2.8547	2.2538	6.5890	3.2909
Te-118	1.1462	0.8894	0.6879	1.3144	0.9660	0.8903	0.8694	0.8657
Te-119	3.0987	2.8465	3.1361	3.3522	2.8348	2.1791	7.4043	3.6856
Te-119m	5.2205	4.5588	5.6729	5.7310	5.0033	4.3755	9.7150	4.6353
Te-121	3.4178	3.1248	3.6127	3.6435	3.2173	2.5688	7.0226	3.6889
Te-121m	2.5197	2.4991	2.4077	2.3021	2.3398	2.1878	3.3600	1.8906
Te-123	0.0548	0.0396	0.0695	0.0542	0.0318	0.0271	0.0588	0.0766
Te-123m	2.4955	2.5298	2.0674	2.4531	2.3515	2.3876	2.8547	1.6237
Te-125m	1.9202	1.5196	1.1956	2.1707	1.6433	1.4127	1.4986	1.3995
Te-127	0.0285	0.0277	0.0381	0.0274	0.0284	0.0244	0.0579	0.0258
Te-127m	0.6182	0.4878	0.4035	0.6994	0.5207	0.4512	0.4874	0.4705
Te-129	0.5753	0.4942	0.5962	0.6155	0.5191	0.4394	0.8479	0.5340
Te-129m	0.5267	0.4270	0.4061	0.6003	0.4561	0.3859	0.5953	0.4468
Te-131	2.5857	2.5888	2.8668	2.6039	2.5502	2.3589	4.4848	2.1373
Te-131m	4.2648	3.6473	6.1977	5.0792	4.2320	3.4687	9.5757	4.4589
Te-132	3.1785	3.1182	2.9426	3.0596	2.9677	2.6293	4.2576	2.3875
Te-133	3.4180	3.0287	4.8323	3.7766	3.3950	2.9932	7.5711	3.2299
Te-133m	4.9206	4.2293	7.1861	5.6861	4.8712	3.9599	11.3150	5.1208
Te-134	4.5310	4.3560	5.6627	4.6459	4.4488	3.7929	9.0881	4.3225
Th-223	1.6545	1.5161	1.6149	1.4575	1.4578	1.3019	2.1049	1.3082
Th-224	0.2858	0.2980	0.2939	0.2436	0.2666	0.2639	0.3946	0.2120
Th-226	0.2145	0.1984	0.2194	0.1780	0.1752	0.1612	0.2595	0.2009
Th-227	2.0406	1.9191	2.2274	1.7706	1.7172	1.5878	2.7484	1.9069
Th-228	0.1732	0.1521	0.1775	0.1322	0.1246	0.1169	0.1753	0.1874
Th-229	2.6042	2.3482	2.5994	2.1989	2.1375	1.9290	3.0646	2.3392
Th-230	2.0709	2.0581	2.0076	1.9984	2.0687	2.0038	2.0631	1.9307
Th-231	1.5104	1.2945	1.4343	1.2392	1.1150	1.0496	1.4253	1.5468
Th-232	1.6183	1.7123	1.5853	1.5392	1.6131	1.6257	1.7026	1.5807
Th-233	0.4958	0.4345	0.5494	0.4573	0.4041	0.3511	0.6849	0.5082
Th-234	0.3306	0.2944	0.3169	0.2713	0.2773	0.2407	0.3539	0.2843
Th-235	0.2134	0.1990	0.2996	0.2267	0.2093	0.1685	0.5082	0.2344
Th-236	0.3622	0.3432	0.3954	0.3268	0.3237	0.2872	0.5722	0.3294
Ti-44	3.0885	2.8133	2.6530	2.7371	3.0425	2.4690	3.8302	2.0447
Ti-45	0.0243	0.0182	0.0319	0.0252	0.0164	0.0134	0.0365	0.0332

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	2.1241	1.9909	3.0537	2.2397	2.1006	2.1503	3.9631	1.6298
Ti-52	2.1720	2.2054	2.1428	2.0992	2.0548	1.9256	3.0424	1.8517
Tl-190	3.1365	2.9412	4.0674	3.0560	3.0576	2.4778	6.7678	3.1420
Tl-190m	7.8783	7.4527	10.4981	8.0946	7.6785	6.0715	19.3893	8.8523
Tl-194	3.3398	3.1342	4.1064	3.1901	3.2038	2.5792	6.8090	3.3327
Tl-194m	10.1700	9.6290	13.1732	10.3544	9.7950	7.7546	23.8808	11.3450
Tl-195	4.3161	3.6717	4.9981	4.4067	3.9465	3.1547	7.8507	4.3272
Tl-196	5.2444	4.6435	6.2846	5.3558	5.0464	4.0321	10.8178	5.1592
Tl-197	3.2832	2.9448	3.5574	3.1219	3.0453	2.5263	5.2090	2.9527
Tl-198	5.6662	4.9484	6.7718	5.8314	5.4409	4.3147	11.8240	5.5855
Tl-198m	6.8440	6.6103	8.2370	6.4802	6.4407	5.1843	15.0367	7.3742
Tl-199	3.1703	2.9352	3.3413	2.8562	2.9161	2.4847	4.5172	2.6989
Tl-200	5.2792	4.6639	6.5947	5.3772	5.0732	4.2046	10.6763	5.0659
Tl-201	2.4086	2.1513	2.3072	2.1490	2.1228	1.8021	2.8504	2.0255
Tl-202	3.7740	3.4907	4.5209	3.5579	3.6107	2.9751	6.5953	3.4783
Tl-204	0.0381	0.0329	0.0368	0.0339	0.0328	0.0271	0.0442	0.0334
Tl-206m	10.4418	10.0845	13.9465	10.2544	10.2335	8.5534	22.8849	10.5079
Tl-206	0.0018	0.0016	0.0018	0.0017	0.0016	0.0014	0.0024	0.0015
Tl-207	0.0051	0.0040	0.0094	0.0067	0.0052	0.0042	0.0125	0.0057
Tl-208	4.6454	4.1262	5.6346	5.3615	4.5813	3.3012	12.2384	5.6779
Tl-209	5.9717	5.3340	6.7764	6.2213	5.9096	4.9874	11.3964	5.3541
Tl-210	6.2804	5.2190	9.1714	7.4845	6.1708	5.1361	14.3889	6.6195
Tm-161	6.3403	5.4769	6.1992	7.6118	5.9053	4.7337	8.8511	5.1231
Tm-162	3.5080	2.8333	4.0851	4.3750	3.3432	2.5246	6.9422	3.4080
Tm-163	5.5034	4.6761	5.8910	6.5771	5.2135	4.0719	9.3545	4.8620
Tm-164	1.4594	1.1857	1.4966	1.8610	1.3449	1.0199	2.1961	1.2713
Tm-165	4.5188	4.1374	5.0646	5.1349	4.2647	3.5108	7.2150	3.9300
Tm-166	5.3621	4.4783	6.3375	6.5910	5.0943	3.8814	11.0401	5.4592
Tm-167	2.6060	2.3785	2.5688	2.9900	2.3577	1.9506	3.1276	2.0789
Tm-168	6.1568	5.5947	7.9714	7.1012	5.9280	4.8973	11.5250	5.9550
Tm-170	0.1273	0.1063	0.1270	0.1398	0.1080	0.0867	0.1458	0.1122
Tm-171	0.0197	0.0165	0.0186	0.0238	0.0172	0.0133	0.0198	0.0164
Tm-172	1.0631	0.8337	1.2159	1.2118	0.9909	0.7889	2.0399	1.0329
Tm-173	2.2076	2.1360	3.0364	2.1314	2.1943	1.8591	4.6038	2.0195
Tm-174	8.4234	7.9553	11.2711	8.5225	8.2157	7.3739	15.8117	7.2631
Tm-175	3.8226	3.4056	5.4767	4.2828	3.8184	3.0227	8.6625	4.0768
Tm-176	5.7158	5.1092	7.2798	6.1230	5.5447	4.6559	11.4933	5.3082
U-227	1.7919	1.7303	1.8727	1.5181	1.5988	1.4533	2.5416	1.4784
U-228	0.2026	0.1826	0.2045	0.1541	0.1542	0.1446	0.2116	0.2014
U-230	0.2000	0.1768	0.2026	0.1448	0.1411	0.1349	0.1855	0.2191

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	3.0039	2.6477	2.8838	2.5290	2.4177	2.2033	3.2608	2.6911
U-232	0.1817	0.1589	0.1852	0.1307	0.1245	0.1195	0.1631	0.2047
U-233	0.0961	0.0832	0.0989	0.0710	0.0656	0.0624	0.0888	0.1093
U-234	1.0987	1.0873	1.0744	1.0557	1.0976	1.0656	1.0559	0.9998
U-235	2.1375	2.1354	2.0894	2.0648	2.1269	2.1110	2.0796	2.0844
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1486	0.1297	0.1518	0.1067	0.1011	0.0972	0.1329	0.1686
U-237	3.0123	2.8014	2.9616	2.6366	2.6485	2.3606	3.5395	2.3998
U-238	1.4743	1.4821	1.4342	1.4411	1.4666	1.4817	1.4445	1.4293
U-239	1.0890	0.9832	0.9681	0.9504	1.0211	0.8482	1.3345	0.8067
U-240	0.5389	0.4719	0.5441	0.4177	0.3926	0.3688	0.5108	0.5642
U-242	0.4141	0.3928	0.4161	0.3905	0.3970	0.3283	0.6346	0.3457
V-47	0.0170	0.0137	0.0186	0.0183	0.0144	0.0120	0.0306	0.0180
V-48	3.9611	2.8814	6.0449	4.8644	3.9546	2.9292	10.5165	4.3613
V-49	0.1505	0.1086	0.1947	0.1479	0.0857	0.0729	0.1634	0.2139
V-50	1.8470	1.3454	2.1365	2.1976	1.7726	1.4583	3.9206	1.8489
V-52	1.7517	1.2366	1.9064	2.1064	1.7319	1.3065	4.5593	1.8568
V-53	1.9591	1.4647	3.4096	2.3538	1.9812	1.5333	4.7513	1.9612
W-177	6.9675	6.2973	7.8719	7.2042	6.5004	5.3857	10.8326	6.1790
W-178	0.6802	0.5518	0.7156	0.7028	0.5331	0.4235	0.7004	0.6933
W-179	2.0021	1.6672	1.8926	2.1183	1.6912	1.3183	1.9733	1.7659
W-179m	1.3333	1.1781	1.3186	1.2966	1.1708	0.9483	1.4815	1.1489
W-181	1.3044	1.1017	1.2540	1.3761	1.1295	0.8802	1.3169	1.1289
W-185m	1.1897	0.9695	1.3695	1.1463	0.8500	0.7347	1.3331	1.3799
W-185	0.0012	0.0011	0.0012	0.0012	0.0011	0.0009	0.0014	0.0010
W-187	2.2963	2.1641	2.8122	2.3625	2.2256	1.7366	4.9712	2.4902
W-188	0.0202	0.0196	0.0233	0.0182	0.0187	0.0172	0.0309	0.0169
W-190	3.2389	3.0419	3.0489	3.0367	2.9553	2.6098	3.6072	2.5090
Xe-120	3.8200	3.3138	3.4889	4.1501	3.5120	3.0081	5.1480	3.1284
Xe-121	2.8850	2.5340	3.0339	3.1606	2.7521	2.2912	5.0114	2.5345
Xe-122	1.5211	1.2857	1.1582	1.6674	1.3597	1.1605	1.5110	1.0884
Xe-123	2.9780	2.7775	2.7252	3.1295	2.8044	2.5837	3.9178	2.1775
Xe-125	3.5927	3.4322	3.1968	3.5305	3.3358	2.9841	4.4816	2.6313
Xe-127	3.6574	3.5993	3.4038	3.4716	3.4325	3.1900	4.6254	2.5725
Xe-127m	2.8860	2.8670	2.5422	2.8980	2.7481	2.5357	3.6273	2.1081
Xe-129m	2.1467	1.7690	1.4213	2.3333	1.8964	1.4794	1.8081	1.4655
Xe-131m	0.9010	0.7440	0.6025	0.9941	0.7888	0.6247	0.7446	0.6250
Xe-133	1.3701	1.1885	1.0240	1.3894	1.2880	1.0060	1.4799	0.8734
Xe-133m	1.0744	0.9337	0.7967	1.1302	0.9582	0.7753	1.0593	0.7674
Xe-135	2.0767	2.2529	2.3517	1.6882	1.9996	1.7812	3.9434	1.8458

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	2.1195	2.0084	2.7138	2.2239	2.1181	1.6311	4.8425	2.3523
Xe-137	0.7967	0.7510	1.1080	0.8168	0.8078	0.6550	1.7807	0.8141
Xe-138	2.5881	2.3481	3.0484	2.6902	2.4882	2.0600	5.3848	2.4410
Y-81	2.3634	2.3239	2.3956	2.1338	2.2106	2.0124	3.4461	1.9640
Y-83	1.6426	1.4241	1.9374	1.6060	1.4906	1.2055	2.9088	1.6710
Y-83m	1.9846	2.0333	2.4197	1.6884	1.8907	1.6904	3.7113	1.8439
Y-84m	6.2437	4.9466	10.4759	7.8159	6.2924	4.8586	16.0446	7.1455
Y-85	1.9234	1.7822	2.6288	1.9678	1.8943	1.5210	4.0906	2.1078
Y-85m	1.7005	1.5155	2.0642	1.7442	1.5939	1.2983	3.6471	1.8064
Y-86	6.5589	5.4832	9.1694	7.4710	6.3713	4.8377	16.9373	7.5352
Y-86m	1.9388	2.1318	2.1425	1.5335	1.8703	1.8098	3.0224	1.4342
Y-87	2.8476	2.6855	3.6426	2.6748	2.6954	2.2390	5.4662	3.0495
Y-87m	1.7841	1.7333	2.4607	1.6530	1.7449	1.5796	3.5754	1.5812
Y-88	4.1687	3.1671	5.5653	4.9572	3.9290	3.1052	8.9467	4.3224
Y-89m	1.9008	1.4518	3.5235	2.4657	1.9392	1.5334	4.6249	2.0838
Y-90	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001
Y-90m	4.1650	4.2694	5.1940	3.7982	4.1415	3.6614	7.8129	3.7208
Y-91	0.0048	0.0034	0.0065	0.0059	0.0048	0.0033	0.0147	0.0058
Y-91m	2.1799	2.1441	2.8428	2.2222	2.1638	1.6215	5.8347	2.6961
Y-92	0.5195	0.4150	0.8311	0.6271	0.5250	0.4085	1.2870	0.5647
Y-93	0.2655	0.2494	0.3401	0.2684	0.2590	0.2229	0.5684	0.2492
Y-94	1.5042	1.1727	2.5603	1.8851	1.5235	1.1861	3.7277	1.6451
Y-95	1.0905	0.8098	1.4069	1.3992	1.0777	0.7785	2.7497	1.1949
Yb-162	3.3794	3.2056	3.3180	3.8452	3.1580	2.7468	4.5543	2.6895
Yb-163	2.4685	2.0617	2.8158	3.0562	2.2552	1.7835	3.7599	2.2824
Yb-164	1.3525	1.1337	1.2566	1.8218	1.2117	0.9197	1.4160	1.0788
Yb-165	3.6740	3.0756	3.6689	4.4538	3.2468	2.5510	4.4388	3.1459
Yb-166	2.5201	2.1191	2.3015	3.3288	2.2697	1.7375	2.6048	1.9517
Yb-167	5.5109	4.9138	5.2914	6.5675	5.0187	4.1481	6.4374	4.2576
Yb-169	6.2717	5.7262	6.0301	7.1992	5.8010	4.8465	7.2203	4.7236
Yb-175	0.3117	0.3003	0.3800	0.3100	0.3021	0.2641	0.5450	0.2611
Yb-177	1.0182	0.9546	1.1099	1.1035	0.9852	0.8749	1.6519	0.8355
Yb-178	0.2400	0.2280	0.3278	0.2350	0.2339	0.2103	0.4672	0.2095
Yb-179	3.9509	3.9254	4.9696	4.0173	3.8401	2.9269	10.6793	4.7997
Zn-60	2.2147	2.1503	2.7876	2.2678	2.1400	1.6609	5.5962	2.5753
Zn-61	0.9152	0.7704	1.1639	1.0416	0.9099	0.7036	2.1598	0.9705
Zn-62	2.3919	2.1423	2.8511	2.3378	2.1188	1.6061	4.8767	2.7972
Zn-63	0.3595	0.3078	0.5374	0.4099	0.3398	0.2537	0.9620	0.4527
Zn-65	1.4612	1.0586	2.1495	1.6678	1.2499	0.9471	3.1636	1.7726
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	2.1765	2.0947	3.0519	2.1443	2.1911	1.8126	4.7797	2.1698
Zn-71	1.1963	1.1006	1.7068	1.2950	1.2140	0.9612	2.7799	1.2986
Zn-71m	6.5095	6.3329	8.8201	6.5764	6.4927	5.1834	16.2157	7.2092
Zn-72	2.7373	2.6977	2.8211	2.5734	2.3974	2.3493	3.5400	2.3931
Zr-85	1.9851	1.8456	2.7423	2.0219	1.9850	1.6261	4.4503	2.0108
Zr-86	3.6986	3.7674	3.7642	2.7986	3.2451	2.9977	5.3785	3.3792
Zr-87	0.2539	0.2103	0.2944	0.2359	0.2195	0.1817	0.4779	0.2805
Zr-88	2.7331	2.6471	3.5310	2.3181	2.5455	2.2831	4.9841	2.5492
Zr-89	2.4390	1.9507	4.0121	2.7859	2.3302	1.9235	5.0818	2.6330
Zr-89m	2.0584	2.0477	2.5475	2.0633	1.9967	1.4521	6.0233	2.7076
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.8613	1.6229	3.1091	2.3853	1.8679	1.4146	5.3745	2.4982
Zr-97	2.2552	1.9666	3.6347	2.8039	2.2598	1.7309	6.2711	2.8966

Table 12: Adobe 15 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2357	0.2151	0.3798	0.4889
Ac-224	3.0682	2.5029	2.7976	2.8282
Ac-225	0.3026	0.2799	0.4953	0.6605
Ac-226	1.4666	1.2734	1.3552	1.6747
Ac-227	0.0397	0.0474	0.1284	0.2040
Ac-228	2.4537	1.9311	3.1189	2.9480
Ac-230	1.0805	0.8934	1.4907	1.1910
Ac-231	3.5409	2.8848	3.9069	3.2099
Ac-232	1.6859	1.3653	2.4864	2.1490
Ac-233	2.1943	1.9408	1.9774	1.9640
Ag-100m	3.3422	2.5818	3.9983	4.1446
Ag-101	2.8730	2.3145	2.7544	2.5145
Ag-102m	2.1953	1.7800	2.8054	1.9403
Ag-102	5.3467	4.2693	6.2405	5.5935
Ag-103	2.9149	2.4348	2.8708	2.6802
Ag-104	6.5274	5.2140	6.8081	7.6869
Ag-104m	2.8018	2.3604	2.8658	2.6425
Ag-105	3.3017	2.7381	3.9495	3.3317
Ag-105m	0.0180	0.0203	0.0578	0.0895
Ag-106	0.6779	0.6114	0.6929	0.6586
Ag-106m	8.1989	6.6880	8.3505	8.0469
Ag-108	0.0654	0.0550	0.0596	0.0818
Ag-108m	6.0892	5.0496	5.1280	7.1193
Ag-109m	0.3897	0.3431	0.4775	0.5252
Ag-110	0.0875	0.0696	0.0722	0.1271
Ag-110m	5.9534	4.4923	6.2151	7.6200
Ag-111	0.1655	0.1336	0.2161	0.1471
Ag-111m	0.2127	0.1933	0.2833	0.3316
Ag-112	1.3668	1.0760	1.4924	1.5725
Ag-113m	1.1770	0.9639	1.4938	1.2581
Ag-113	0.3617	0.2868	0.4861	0.3510
Ag-114	0.6324	0.5269	0.6264	0.6001
Ag-115	1.2456	1.0177	1.2750	0.9723
Ag-116	3.6608	2.9771	4.0849	2.9449
Ag-117	2.4468	2.0045	3.1250	2.2803
Ag-99	3.5441	2.7902	3.8758	3.3155
Al-26	1.6948	1.3340	3.4490	1.3448
Al-28	1.6439	1.2823	3.5689	1.2467
Al-29	1.7548	1.2257	2.5303	1.1207

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	3.4245	2.8040	3.6148	3.3445
Am-238	3.3532	2.6101	3.6877	3.5026
Am-239	3.5044	2.8864	3.6805	3.7724
Am-240	3.4970	2.6705	3.9701	3.8468
Am-241	1.2169	1.2091	1.1781	1.1168
Am-242	0.4203	0.3791	0.5924	0.7074
Am-242m	0.2098	0.2223	0.4485	0.6134
Am-243	1.3177	0.9525	1.3199	0.9954
Am-244	3.0978	2.6319	3.5531	5.3571
Am-244m	0.1445	0.1379	0.2471	0.3031
Am-245	0.4128	0.3441	0.3865	0.3837
Am-246	4.1602	3.6631	4.5540	6.5749
Am-246m	2.1740	1.6246	2.5416	2.4772
Am-247	1.5536	1.2760	1.6280	1.4366
Ar-37	0.0135	0.0181	0.0598	0.1034
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.7162	1.1874	2.6482	1.0611
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	2.1968	1.6076	2.8728	1.8673
Ar-44	3.1765	2.6094	4.7301	2.8109
As-68	4.2611	3.1150	5.3056	4.1243
As-69	0.6215	0.5131	0.6870	0.6447
As-70	5.5960	4.1277	6.9653	5.2267
As-71	2.1403	1.9849	2.5748	3.7394
As-72	1.8577	1.4212	1.8702	2.9329
As-73	0.6239	0.7315	2.3590	3.7276
As-74	1.5708	1.3344	1.5792	2.4318
As-76	1.2754	1.0651	1.1505	1.2504
As-77	0.0602	0.0509	0.0437	0.0409
As-78	2.5707	1.9962	2.8001	2.8817
As-79	0.1256	0.1021	0.1173	0.1156
At-204	8.3600	6.8800	7.4365	8.8757
At-205	3.6723	2.8388	3.9230	4.2730
At-206	8.3747	6.7528	7.5857	8.5043
At-207	5.8751	4.5386	6.5362	6.5777
At-208	9.0841	7.1044	8.9223	11.2528
At-209	8.5379	6.7933	8.0967	10.3145
At-210	6.7863	5.0721	9.1516	5.1402
At-211	0.7347	0.5519	0.8278	0.8010
At-215	0.0010	0.0008	0.0007	0.0007

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0410	0.0310	0.0435	0.0381
At-217	0.0020	0.0016	0.0017	0.0016
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.9159	2.4036	2.5466	2.2523
Au-186	4.3065	3.4805	4.4981	4.4027
Au-187	3.2997	2.5824	4.1926	3.6349
Au-190	5.2224	4.0380	7.1250	4.8849
Au-191	4.3247	3.4805	4.5806	4.6121
Au-192	4.8022	3.7035	7.1467	4.7619
Au-193	2.5415	1.9880	2.8170	2.7303
Au-193m	1.9083	1.6044	1.9987	2.0998
Au-194	3.8370	2.9567	5.5580	3.8804
Au-195	1.9447	1.5098	2.5428	2.6826
Au-195m	1.9265	1.6136	2.1211	2.1635
Au-196	3.6807	2.9093	4.6533	3.6207
Au-196m	3.6961	3.1884	4.6164	5.7732
Au-198	2.0626	1.7416	1.5097	1.4026
Au-198m	6.2004	5.0698	5.7942	5.9114
Au-199	1.2954	1.1599	1.3840	2.0100
Au-200	0.6935	0.5309	0.8610	0.5290
Au-200m	9.5595	8.0239	8.6794	9.5191
Au-201	0.1940	0.1704	0.2321	0.2936
Au-202	0.4725	0.3767	0.4632	0.3522
Ba-124	2.2634	1.8896	2.3321	2.6864
Ba-126	2.9271	2.3968	2.8238	3.0154
Ba-127	1.2139	1.0207	1.2708	1.4331
Ba-128	1.2210	1.0409	1.3580	1.6236
Ba-129	1.3300	1.1377	1.3743	1.6079
Ba-129m	5.7952	4.7712	5.9969	6.0687
Ba-131	3.8567	3.3083	3.5034	3.5603
Ba-131m	1.5310	1.2152	1.3855	1.4825
Ba-133	4.0540	3.2831	4.6835	4.2584
Ba-133m	1.0711	0.9227	1.3178	1.5867
Ba-135m	0.9836	0.8333	1.0555	1.2447
Ba-137m	1.7559	1.3974	1.4433	2.5924
Ba-139	0.5273	0.4837	0.5034	0.7906
Ba-140	1.1152	0.9964	1.2547	1.5027
Ba-141	3.6731	2.9999	4.0670	3.4058
Ba-142	3.1812	2.4162	3.1964	2.6123

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.2429	0.2151	0.2027	0.1651
Bi-197	4.1759	3.0962	5.0492	4.3822
Bi-200	9.4796	7.5404	8.6905	7.1719
Bi-201	4.2435	3.1511	5.3780	4.3050
Bi-202	8.3860	6.4540	8.3159	8.0711
Bi-203	5.3041	4.0136	6.7746	5.7690
Bi-204	8.2233	6.1739	8.9623	8.1516
Bi-205	3.9737	3.0331	5.1766	4.2648
Bi-206	9.8649	7.7476	10.6277	11.0359
Bi-207	4.9070	3.7867	5.1767	4.6150
Bi-208	2.4925	1.8375	3.4129	2.0373
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.9152	1.5360	2.1791	1.6325
Bi-211	0.3059	0.2445	0.3987	0.2858
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2733	0.2287	0.4150	0.5495
Bi-213	0.6736	0.5706	0.5560	0.4864
Bi-214	2.4388	1.8681	3.1252	2.3880
Bi-215	1.3679	1.0677	1.6914	1.2798
Bi-216	3.2171	2.7626	2.6434	2.7173
Bk-245	3.2161	2.6494	2.9842	2.8996
Bk-246	3.3842	2.7431	3.6276	4.8194
Bk-247	1.8297	1.4059	1.5954	1.2462
Bk-248m	0.6606	0.5689	0.7298	0.7971
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.8694	1.3197	2.1999	1.6149
Bk-251	1.5415	1.3361	1.6434	1.8420
Br-72	3.5632	2.6725	4.2004	3.7374
Br-73	2.0278	1.5658	2.1041	2.0018
Br-74	3.8323	2.9501	4.4082	3.6648
Br-74m	4.8638	3.7622	5.3565	5.7423
Br-75	2.6514	2.1776	3.2636	2.6553
Br-76	3.6939	3.0169	4.4526	3.9037
Br-76m	1.0690	0.8717	2.1977	2.1578
Br-77	1.8249	1.6453	2.2260	2.7090
Br-77m	0.3947	0.3788	0.7728	1.0647
Br-78	0.2845	0.2393	0.2872	0.4510
Br-80	0.1732	0.1464	0.1839	0.3010
Br-80m	0.8304	0.7903	1.6490	2.3377

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1880	0.2324	0.6593	1.0161
Br-82	6.3272	4.9553	6.2870	7.7071
Br-83	0.0296	0.0260	0.0255	0.0246
Br-84m	5.7142	4.4022	7.2296	4.8101
Br-84	1.9776	1.4725	2.4213	2.0077
Br-85	0.1348	0.1005	0.1397	0.1733
C-10	1.8717	1.4649	1.5536	2.9812
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0242	0.0323	0.1067	0.1846
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.5685	1.1261	2.2486	1.1116
Ca-49	1.6249	1.1850	2.3638	0.9081
Cd-101	3.4825	2.6634	4.5482	2.8844
Cd-102	3.3532	2.8554	3.2630	2.7934
Cd-103	2.8607	2.2615	4.1021	2.6530
Cd-104	2.2805	1.8321	2.2354	2.4179
Cd-105	1.9825	1.5855	2.7734	1.9910
Cd-107	1.1199	1.0015	1.3846	1.5365
Cd-109	1.0377	0.9315	1.2972	1.4432
Cd-111m	2.8401	2.4359	2.1895	2.4272
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0008	0.0011	0.0011
Cd-115	0.9182	0.8074	0.7968	0.7324
Cd-115m	0.0627	0.0452	0.0714	0.0546
Cd-117	2.5476	1.9510	3.4896	1.9796
Cd-117m	2.9330	2.2240	3.6360	2.5876
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	3.0157	2.3250	4.5852	2.4979
Cd-119m	3.4135	2.5480	4.3563	2.9001
Ce-130	3.4966	2.8703	3.4173	3.6360
Ce-131	4.1709	3.4227	4.4357	4.3907
Ce-132	3.2657	2.8456	3.0101	3.8707
Ce-133	2.7385	2.1483	2.5717	2.8376
Ce-133m	6.0634	4.9209	6.6437	5.7203
Ce-134	0.9700	0.8091	1.0727	1.3981
Ce-135	4.4342	3.6397	4.4093	4.7873
Ce-137	1.0614	0.9052	1.2844	1.7313
Ce-137m	0.9790	0.7963	0.9811	1.1877
Ce-139	2.5722	2.2956	2.5778	3.8564

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	1.1492	1.0061	1.0589	1.4541
Ce-143	2.2708	1.7786	2.6906	2.4063
Ce-144	0.3463	0.2826	0.3069	0.3269
Ce-145	3.6451	2.8525	3.5532	4.3974
Cf-244	0.0787	0.0822	0.1560	0.2072
Cf-246	0.0544	0.0567	0.1072	0.1420
Cf-247	1.9380	1.7016	2.3606	2.6679
Cf-248	0.0657	0.0682	0.1287	0.1699
Cf-249	2.0218	1.6995	2.0783	1.8382
Cf-250	0.0696	0.0674	0.1205	0.1473
Cf-251	1.8189	1.5612	1.8638	2.0724
Cf-252	0.9651	0.7722	1.1452	0.9415
Cf-253	0.1890	0.1910	0.3648	0.4886
Cf-254	33.6656	26.4865	38.6459	29.7134
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.9528	1.6101	2.2948	1.9241
Cl-36	0.0002	0.0003	0.0008	0.0015
Cl-38	1.2321	0.9542	2.3702	0.9067
Cl-39	2.6086	1.9392	3.6923	1.4884
Cl-40	3.2878	2.3716	5.8689	2.1172
Cm-238	1.4239	1.1523	1.3939	1.3752
Cm-239	3.3906	2.8924	3.0166	3.4330
Cm-240	0.0820	0.0874	0.1749	0.2368
Cm-241	4.0264	3.5047	4.1081	4.2549
Cm-242	0.0736	0.0784	0.1569	0.2126
Cm-243	1.7499	1.4714	1.9543	2.0459
Cm-244	0.0631	0.0673	0.1347	0.1826
Cm-245	1.8050	1.4947	1.8812	2.0500
Cm-246	0.0576	0.0594	0.1157	0.1519
Cm-247	1.6866	1.4104	1.2692	1.1517
Cm-248	2.6716	2.1153	3.1113	2.4557
Cm-249	0.1159	0.1162	0.2437	0.3946
Cm-250	26.5584	20.8923	30.5566	23.3793
Cm-251	0.5825	0.4981	0.5440	0.5453
Co-54m	5.4826	4.0926	7.1227	3.4469
Co-55	2.5012	1.8646	2.9438	2.3514
Co-56	4.6023	3.3965	5.8781	5.1454
Co-57	1.9336	1.6739	2.0944	2.3969
Co-58	1.9886	1.5675	2.0409	3.8325

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0972	0.1295	0.4278	0.7398
Co-60	3.5013	2.4072	5.2476	2.1735
Co-60m	0.1399	0.1643	0.5131	0.8292
Co-61	1.4092	0.9876	1.3203	0.8848
Co-62	2.0526	1.4298	2.6700	1.3405
Co-62m	3.6431	2.5641	4.8314	2.5269
Cr-48	3.7096	2.9113	4.7178	3.2459
Cr-49	1.6851	1.3021	1.4293	1.4368
Cr-51	0.2541	0.2303	0.5924	0.6332
Cr-55	0.0007	0.0005	0.0018	0.0004
Cr-56	2.0594	1.5115	1.9261	1.6836
Cs-121	1.4366	1.2177	1.3884	1.5452
Cs-121m	2.6447	2.2576	2.3825	2.5729
Cs-123	1.9917	1.5854	1.9393	2.0565
Cs-124	0.7994	0.6462	1.0060	0.7662
Cs-125	1.8121	1.5349	1.7755	1.9124
Cs-126	1.3737	1.1376	1.2779	1.1782
Cs-127	2.8544	2.4209	2.5817	2.7534
Cs-128	0.9986	0.8562	0.9250	0.9273
Cs-129	2.5743	2.1793	2.6813	2.9309
Cs-130m	1.8731	1.5021	2.0286	2.2227
Cs-130	0.6161	0.5317	0.6958	0.8619
Cs-131	0.8786	0.7625	1.0141	1.3480
Cs-132	2.7955	2.2829	2.5770	4.1286
Cs-134	4.3496	3.4911	3.7028	6.1025
Cs-134m	0.6540	0.5801	0.8077	1.0715
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.7437	2.8527	3.3125	6.1078
Cs-136	5.5136	4.1457	6.0082	6.1137
Cs-137	2.5593	2.5496	2.5387	2.6883
Cs-138m	1.6427	1.3772	1.9547	1.6237
Cs-138	3.6485	2.7671	5.2507	2.4794
Cs-139	0.3567	0.2637	0.5207	0.2744
Cs-140	2.4820	1.9313	2.9461	2.3729
Cu-57	0.1847	0.1271	0.2215	0.1377
Cu-59	0.9453	0.7215	1.1900	0.8605
Cu-60	3.4765	2.5696	5.6246	2.8398
Cu-61	0.7522	0.6138	0.9554	1.0826
Cu-62	0.0135	0.0114	0.0257	0.0311
Cu-64	0.0661	0.0830	0.2703	0.4476

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1761	0.1180	0.2004	0.1174
Cu-67	1.3214	1.1180	1.0889	1.3068
Cu-69	1.1020	0.8074	1.1889	1.0349
Dy-148	2.9482	2.2309	3.2042	3.4869
Dy-149	4.4290	3.2029	5.8390	4.2892
Dy-150	1.9889	1.5495	2.0020	1.5142
Dy-151	4.3959	3.3533	5.6389	4.3119
Dy-152	3.0085	2.3164	3.0861	2.1423
Dy-153	5.1576	3.7876	6.4896	4.3647
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	3.6335	2.7567	4.0270	2.8614
Dy-157	3.0590	2.2838	4.9671	3.0800
Dy-159	1.3129	0.8782	2.0808	1.2523
Dy-165m	0.2794	0.2323	0.5168	0.5583
Dy-165	0.2537	0.1781	0.3371	0.2110
Dy-166	0.9935	0.6775	1.6040	0.9670
Dy-167	2.9145	2.3391	3.2099	2.6537
Dy-168	2.6157	2.1591	2.6422	2.3183
Er-154	1.4206	1.0243	2.4408	1.7301
Er-156	1.7124	1.2839	3.0270	2.5385
Er-159	3.4754	2.6240	4.3200	3.6310
Er-161	3.5921	2.6129	4.6132	4.0949
Er-163	1.0576	0.6874	1.9087	0.9407
Er-165	1.0174	0.6625	1.8444	0.9209
Er-167m	1.0407	0.8511	1.0606	0.8446
Er-169	0.0028	0.0038	0.0124	0.0213
Er-171	3.1573	2.4078	4.7553	2.8881
Er-172	2.9132	2.2516	3.2882	2.6344
Er-173	4.5742	3.5664	4.5317	4.0174
Es-249	3.1008	2.5806	3.0602	3.1058
Es-250	7.9674	6.7392	9.2112	10.8154
Es-250m	2.5460	2.0395	2.7543	2.5484
Es-251	1.8377	1.6067	2.1046	2.3812
Es-253	0.0230	0.0234	0.0441	0.0589
Es-254	0.7455	0.7797	1.6100	2.2457
Es-254m	1.6444	1.3658	1.6183	2.6289
Es-255	0.0014	0.0011	0.0016	0.0012
Es-256	0.1264	0.1248	0.2198	0.2883
Eu-142	0.4467	0.3365	0.5702	0.5559
Eu-142m	6.5993	5.1041	6.4545	7.4443

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.7734	0.5601	1.0985	0.6777
Eu-144	0.3437	0.2511	0.6212	0.3102
Eu-145	3.2781	2.4240	3.8336	3.6969
Eu-146	6.1167	4.6864	6.1913	8.0042
Eu-147	3.0923	2.3468	2.9910	3.0271
Eu-148	7.6238	6.1192	7.3244	7.9963
Eu-149	1.3380	0.9998	1.6659	1.6421
Eu-150	7.1113	5.7077	7.8664	6.8662
Eu-150m	0.2785	0.2136	0.3285	0.2721
Eu-152	4.0441	3.0158	4.7006	3.6312
Eu-152m	1.0896	0.7974	1.1440	1.1649
Eu-152n	1.5225	1.0983	1.5658	1.4092
Eu-154	3.4100	2.5350	3.6180	3.0173
Eu-154m	1.6795	1.2691	2.0031	2.0397
Eu-155	1.1981	0.8379	1.1468	0.7883
Eu-156	2.0795	1.5327	2.4806	2.0103
Eu-157	2.4467	1.8678	2.8499	2.3305
Eu-158	2.7690	1.9796	3.1489	2.6985
Eu-159	2.5752	1.8378	3.0386	2.4285
F-17	0.0006	0.0005	0.0006	0.0009
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.9534	1.8230	1.8891	3.0477
Fe-53	0.8761	0.7224	0.8725	0.6814
Fe-53m	5.2153	3.7620	6.2147	5.0360
Fe-55	0.0803	0.1072	0.3546	0.6134
Fe-59	1.8640	1.2858	2.4621	1.2003
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.5396	1.8235	3.3673	1.8449
Fe-62	2.3894	2.1373	2.0749	1.6906
Fm-251	1.9060	1.6352	2.0375	2.2519
Fm-252	0.0619	0.0624	0.1123	0.1466
Fm-253	1.3932	1.2590	1.8094	2.1475
Fm-254	0.0762	0.0738	0.1290	0.1603
Fm-255	0.6270	0.6433	1.2482	1.6891
Fm-256	25.0414	19.7164	28.6182	22.3066
Fm-257	1.9812	1.7223	2.1290	2.3595
Fr-212	3.7016	2.8625	4.1522	3.3780
Fr-219	0.0227	0.0189	0.0257	0.0212
Fr-220	0.2025	0.1719	0.2956	0.3590
Fr-221	0.2871	0.2399	0.2148	0.2073

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.5832	1.3619	1.4515	1.5690
Fr-223	1.0101	0.7439	1.6899	1.1199
Fr-224	1.9731	1.6057	2.0916	1.8755
Fr-227	3.1178	2.4525	2.8891	2.7949
Ga-64	2.5834	1.8553	3.4559	2.1237
Ga-65	1.7947	1.4365	1.8361	1.9772
Ga-66	1.7630	1.2980	2.5354	1.7762
Ga-67	1.7815	1.5187	2.4257	2.9129
Ga-68	0.0855	0.0711	0.1658	0.1951
Ga-70	0.0185	0.0142	0.0220	0.0208
Ga-72	4.0798	3.0835	4.4864	4.9849
Ga-73	2.4111	2.0330	4.2714	3.9932
Ga-74	4.6251	3.6428	5.2537	4.3867
Gd-142	1.8680	1.4521	2.2028	1.8037
Gd-143m	5.0139	3.8471	5.7151	4.7201
Gd-144	1.2045	0.8792	1.5900	1.1618
Gd-145m	1.9694	1.5642	1.9756	3.2497
Gd-145	2.7817	2.0756	4.4861	2.4830
Gd-146	4.9372	3.7655	5.1648	4.8051
Gd-147	6.0239	4.6713	5.8367	5.5430
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	4.2242	3.3405	4.9542	4.7888
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.5330	1.1610	1.9678	1.9106
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.5290	1.7676	2.7533	2.1631
Gd-159	0.5313	0.3910	0.7275	0.4646
Gd-162	2.1993	1.8754	1.8012	1.6680
Ge-66	2.9355	2.4561	3.6757	3.8030
Ge-67	2.1701	1.9226	2.2837	3.0893
Ge-68	0.1973	0.2632	0.8694	1.5024
Ge-69	1.5274	1.2099	2.2467	2.3630
Ge-71	0.2002	0.2669	0.8818	1.5238
Ge-75	0.2648	0.2183	0.2245	0.1739
Ge-77	4.5125	3.7053	3.8980	3.6107
Ge-78	2.0119	1.6305	2.2384	1.5371
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	2.0758	1.5654	3.5598	2.1833
Hf-169	3.4624	2.8207	3.9913	2.7052
Hf-170	3.8625	3.0365	4.9265	4.3528

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.5659	1.9088	4.1344	3.1502
Hf-173	4.6658	3.5977	5.8623	3.9527
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	3.1381	2.3585	4.8240	3.0074
Hf-177m	18.2178	14.6647	21.4084	16.5886
Hf-178m	14.1768	11.7074	14.0047	11.7728
Hf-179m	7.5562	6.2200	8.3046	7.0838
Hf-180m	7.1083	5.7805	7.9384	5.8593
Hf-181	3.6600	3.1210	3.6355	3.0981
Hf-182	2.0255	1.6457	2.0932	1.6479
Hf-182m	5.7627	4.5924	6.5406	5.5197
Hf-183	3.1556	2.4366	3.0155	3.5793
Hf-184	2.7384	2.3642	4.0344	4.5399
Hg-190	3.3709	2.7904	3.7319	4.3129
Hg-191m	6.6783	5.3373	7.0801	6.3098
Hg-192	3.4768	2.7710	4.1213	3.9399
Hg-193	3.6211	2.8251	4.2686	4.0753
Hg-193m	3.8973	3.0548	4.3699	3.7515
Hg-194	0.1146	0.1497	0.4723	0.7909
Hg-195	1.9719	1.5463	2.5112	2.7798
Hg-195m	2.0882	1.7796	2.8928	3.4330
Hg-197	1.7139	1.3233	2.2244	2.3238
Hg-197m	1.6171	1.3673	2.0783	2.4201
Hg-199m	2.4612	2.1039	2.8553	3.6580
Hg-203	1.8745	1.5035	2.1360	1.5333
Hg-205	0.0529	0.0443	0.0399	0.0383
Hg-206	0.8593	0.6735	1.2599	0.8941
Hg-207	4.9456	3.6955	7.7035	3.8557
Ho-150	2.8186	2.1644	2.6067	4.1908
Ho-153	3.1800	2.3950	4.2790	2.9885
Ho-153m	3.6325	2.8345	4.0131	3.3606
Ho-154m	8.9703	7.2880	9.7530	7.7310
Ho-154	4.3529	3.3793	5.8796	4.1604
Ho-155	2.8307	2.1424	3.6208	2.6000
Ho-156	5.6019	4.3217	6.6286	5.0058
Ho-157	4.3091	3.1963	5.8506	3.9774
Ho-159	4.6114	3.4284	5.8417	3.9548
Ho-160	5.6514	4.1460	6.2915	6.3678
Ho-161	1.6382	1.1754	2.6178	1.9032
Ho-162	1.4653	0.9868	2.3935	1.3780

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.9935	2.2215	4.2216	3.1379
Ho-163	0.0032	0.0043	0.0142	0.0246
Ho-164	0.7985	0.5346	1.3318	0.7766
Ho-164m	1.3408	0.9651	2.5662	1.9666
Ho-166	0.2926	0.2080	0.4966	0.3476
Ho-166m	6.5244	5.2420	6.3526	8.0966
Ho-167	2.4924	1.9619	3.4942	2.2696
Ho-168	2.4833	1.9101	2.4812	3.6652
Ho-168m	0.2159	0.1723	0.5120	0.5083
Ho-170	5.5846	4.1671	6.0560	5.3956
I-118m	8.0504	6.3919	7.6628	9.2170
I-118	2.7871	2.2401	2.7657	3.0814
I-119	2.6417	2.1821	2.3137	2.1989
I-120	3.3859	2.7336	4.0971	3.1694
I-120m	7.1426	5.7941	7.0302	7.5111
I-121	2.7496	2.3584	2.2960	2.5213
I-122	0.6715	0.5691	0.6595	0.8034
I-123	2.6986	2.4677	2.8477	4.3682
I-124	2.5287	2.0712	2.8435	3.1504
I-125	1.6971	1.4707	2.0108	2.6105
I-126	1.9494	1.6126	1.7692	2.3167
I-128	0.3739	0.3233	0.3197	0.3107
I-129	0.9436	0.8024	1.0608	1.3800
I-130m	0.6055	0.5321	0.6460	0.7447
I-130	6.7212	5.5145	5.6550	7.9429
I-131	2.3045	2.2940	2.3589	2.3151
I-132	5.6335	4.4164	5.1586	7.6556
I-132m	1.5111	1.2672	1.4885	2.3004
I-133	2.3346	2.0137	2.0603	1.9921
I-134m	2.7730	2.2791	2.9745	2.7830
I-134	5.7536	4.3532	5.8014	6.8560
I-135	2.4116	1.7616	3.4903	1.7656
In-103	3.8899	3.1045	4.0635	4.0493
In-105	3.4895	2.8159	3.4622	3.4109
In-106	6.8016	5.2073	6.4948	7.7140
In-106m	2.9807	2.3362	3.4100	3.4899
In-107	3.1876	2.6237	3.5733	2.8622
In-108	8.6246	6.5710	9.2745	9.2079
In-108m	3.0884	2.4448	3.7186	3.4857
In-109	3.1221	2.6130	2.9049	2.8896

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.7777	1.4155	1.4460	2.5759
In-110	8.0261	6.1664	7.6592	10.2663
In-110m	2.3543	1.8843	2.1813	3.2807
In-111	4.4524	3.9091	3.7312	4.6339
In-111m	2.0629	1.8046	1.7983	1.8141
In-112	0.3743	0.3233	0.4231	0.5256
In-112m	0.8600	0.7701	1.0048	1.3481
In-113m	1.5860	1.3340	1.3553	1.3143
In-114	0.0076	0.0062	0.0097	0.0083
In-114m	0.8068	0.7054	0.8114	1.0328
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.2844	1.0544	1.8667	1.4621
In-116m	3.9146	2.8587	5.1225	2.8223
In-117	4.0106	3.6003	3.6675	5.1084
In-117m	0.9172	0.7901	1.2741	1.2877
In-118m	4.9548	3.5557	5.6550	4.2257
In-118	0.1219	0.0877	0.1552	0.0858
In-119	2.0676	1.6322	1.8551	3.5595
In-119m	0.2226	0.1757	0.3138	0.2660
In-121	2.0551	1.4793	2.0228	2.1700
In-121m	0.7785	0.6061	0.9354	0.8485
Ir-180	4.7336	3.7662	4.8821	5.2281
Ir-182	4.4329	3.5147	4.7258	4.3100
Ir-183	4.3922	3.4411	5.4775	4.7809
Ir-184	6.8544	5.3945	7.4217	6.4082
Ir-185	3.7484	2.9909	5.1990	4.8056
Ir-186	6.6525	5.3053	7.8669	7.0021
Ir-186m	3.7406	2.9063	4.3012	4.5361
Ir-187	2.6236	2.0574	3.2010	3.3052
Ir-188	4.6462	3.7152	5.8968	5.2454
Ir-189	1.6509	1.3040	2.2259	2.3359
Ir-190	7.8626	6.5461	7.4176	7.8574
Ir-190m	0.1108	0.1472	0.4824	0.8286
Ir-190n	1.3698	1.0586	1.7863	1.7782
Ir-191m	1.5728	1.3007	2.0986	2.3828
Ir-192	4.7212	3.8491	6.4802	4.5737
Ir-192m	0.1263	0.1659	0.5320	0.8985
Ir-192n	0.2731	0.3526	1.1130	1.8710
Ir-193m	0.1166	0.1504	0.4824	0.8203
Ir-194	0.4133	0.3243	0.6205	0.4210

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	10.3555	8.5876	11.0673	10.3450
Ir-195	1.2768	0.9956	1.6134	1.7020
Ir-195m	2.6814	2.1802	2.9881	2.8929
Ir-196	0.8661	0.6924	1.0034	0.9184
Ir-196m	11.0718	9.2568	10.2147	10.2419
K-38	1.6868	1.3564	2.3005	1.4278
K-40	0.1788	0.1269	0.4170	0.1113
K-42	0.3049	0.2166	0.7904	0.1667
K-43	3.8784	3.1718	3.4993	3.8698
K-44	2.6603	1.9164	3.6131	1.9448
K-45	3.1438	2.5827	4.5043	3.0228
K-46	2.5574	1.8200	4.2856	1.5628
Kr-74	2.4976	2.0289	2.5495	2.3967
Kr-75	2.2932	1.9810	2.2309	2.5854
Kr-76	3.0073	2.5255	4.2974	3.8006
Kr-77	2.4366	2.1049	2.1980	2.4066
Kr-79	1.0835	0.9820	1.5214	1.8947
Kr-81	0.2225	0.2781	0.7914	1.2187
Kr-81m	1.3129	1.1861	1.1001	1.3988
Kr-83m	0.0976	0.1232	0.3580	0.5635
Kr-85	0.0102	0.0091	0.0089	0.0076
Kr-85m	1.7612	1.5918	1.8815	2.5264
Kr-87	1.5947	1.2838	1.4621	1.1928
Kr-88	2.4280	1.9167	3.1264	2.0940
Kr-89	3.2055	2.5111	3.8650	2.7525
La-128	6.3249	5.0664	6.9399	5.5101
La-129	2.4751	2.0388	2.4827	2.3303
La-130	4.5520	3.6457	5.2633	4.2014
La-131	3.1828	2.6391	3.0778	3.0696
La-132	4.2306	3.5358	4.3312	3.7350
La-132m	3.4296	2.8692	3.1723	3.5179
La-133	1.1692	1.0062	1.4220	1.8511
La-134	0.4902	0.4132	0.5448	0.6773
La-135	0.9853	0.8465	1.0906	1.4489
La-136	0.6707	0.5697	0.7438	1.0069
La-137	0.9097	0.7817	1.0216	1.3745
La-138	2.2278	1.6875	3.5299	2.5063
La-140	4.0468	3.1600	6.9814	3.3229
La-141	0.0326	0.0230	0.0591	0.0205
La-142	2.7230	2.0708	3.3510	2.6137

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3976	0.3027	0.4926	0.3885
Lu-165	4.2192	3.1790	5.6735	3.6531
Lu-167	4.7289	3.6155	6.8175	4.4440
Lu-169m	0.0810	0.1081	0.3573	0.6177
Lu-169	4.2536	3.0678	6.3226	3.7814
Lu-170	4.2332	3.0156	6.6571	3.4471
Lu-171m	0.0924	0.1183	0.3843	0.6524
Lu-171	3.6369	2.6977	5.2605	5.0518
Lu-172	6.0744	4.4469	7.8521	5.9913
Lu-172m	0.0729	0.0972	0.3213	0.5555
Lu-173	3.0313	2.1111	4.7565	2.6114
Lu-174	1.3906	0.9489	2.5025	1.4502
Lu-174m	1.4859	1.1100	2.7718	2.3344
Lu-176	4.0935	3.3119	5.2252	3.8746
Lu-176m	0.3286	0.2513	0.5078	0.4986
Lu-177	0.4151	0.3357	0.3821	0.3241
Lu-177m	9.1941	7.4432	9.6362	7.8279
Lu-178	0.3745	0.2754	0.5786	0.3911
Lu-178m	8.0359	6.4064	8.7317	6.4438
Lu-179	0.2565	0.2155	0.1815	0.1608
Lu-180	4.0079	3.0423	4.8266	3.0369
Lu-181	2.9621	2.3788	3.3932	3.7466
Mg-27	1.8997	1.3799	1.8409	2.4104
Mg-28	3.2808	2.5173	4.0049	2.8494
Mn-50m	6.0464	4.3879	7.8056	6.3316
Mn-51	0.0115	0.0098	0.0185	0.0267
Mn-52	5.4748	4.0063	7.4699	6.1565
Mn-52m	1.6844	1.1872	3.6403	0.9706
Mn-53	0.0654	0.0873	0.2888	0.4995
Mn-54	1.9590	1.5120	1.9972	3.4486
Mn-56	2.5998	1.9760	3.0162	3.3878
Mn-57	0.6195	0.5563	0.9129	1.1974
Mn-58m	4.2024	3.1801	5.0996	4.6710
Mo-101	3.2376	2.5737	3.7299	3.0448
Mo-102	0.1868	0.1634	0.1433	0.1698
Mo-89	0.3949	0.2966	0.4540	0.4412
Mo-90	4.1176	3.4520	3.8270	3.2735
Mo-91m	1.6944	1.2784	2.2669	1.8142
Mo-91	0.0399	0.0361	0.0759	0.0577
Mo-93	0.3785	0.3843	0.6309	0.7569

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	4.8273	3.7361	6.6656	4.7483
Mo-99	0.5794	0.4796	0.5044	0.8175
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.1768	0.7314	2.6075	1.1052
Na-22	1.7368	1.1994	2.5329	1.0855
Na-24	3.3581	2.3748	5.5228	1.8600
Nb-87	2.4897	2.1937	1.9166	2.0298
Nb-88m	6.9132	5.2417	7.2734	5.7237
Nb-88	8.4198	6.4101	8.6785	6.8883
Nb-89	0.6468	0.5042	1.0769	0.5875
Nb-89m	2.1643	1.9239	1.9591	1.7837
Nb-90	5.2649	4.1153	6.4672	4.6046
Nb-91	0.3451	0.3585	0.6399	0.8091
Nb-91m	0.3645	0.3560	0.5912	0.6755
Nb-92	4.3697	3.5093	4.3551	4.7715
Nb-92m	2.2646	1.7035	2.6163	2.7509
Nb-93m	0.0721	0.0746	0.1326	0.1696
Nb-94m	0.2681	0.2698	0.4443	0.5390
Nb-94	3.7184	2.8239	3.2875	5.4384
Nb-95	1.8853	1.4665	1.5887	3.2345
Nb-95m	0.7723	0.6934	0.7423	0.7924
Nb-96	6.2090	4.8582	5.8467	7.2529
Nb-97	1.8543	1.4672	1.5049	2.6930
Nb-98m	5.7782	4.4351	6.3013	7.9741
Nb-99	2.6370	2.2080	2.2442	2.3889
Nb-99m	1.2254	0.9588	1.4047	1.0214
Nd-134	3.3537	2.8279	3.3407	4.0276
Nd-135	4.0081	3.3207	3.6184	3.5676
Nd-136	2.8407	2.2257	2.7645	3.0856
Nd-137	3.5838	2.8001	3.8542	3.8907
Nd-138	1.1300	0.8858	1.2494	1.4188
Nd-139	1.2305	0.9636	1.2766	1.3775
Nd-139m	5.3912	4.1107	5.1639	6.2658
Nd-140	1.0051	0.7854	1.0904	1.2991
Nd-141	1.0376	0.8078	1.1308	1.3151
Nd-141m	1.8102	1.4085	1.5425	3.0276
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.5144	1.1461	1.4284	1.2942
Nd-149	2.8655	2.3299	2.5073	2.3867
Nd-151	3.3577	2.6210	3.1694	2.9043

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.2696	1.0394	1.3325	1.0921
Ne-19	0.0003	0.0002	0.0002	0.0001
Ne-24	2.4571	2.1462	2.0485	1.7667
Ni-56	6.4329	5.4771	6.6766	9.6999
Ni-57	2.0627	1.5533	3.7267	1.7417
Ni-59	0.1134	0.1513	0.5007	0.8661
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7965	0.5666	1.4444	0.4979
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	5.2295	4.1123	6.1688	6.4688
Np-233	1.4905	1.1671	1.5087	1.4824
Np-234	2.7119	2.0960	4.3941	2.7606
Np-235	0.2486	0.2767	0.6296	0.9111
Np-236	2.8117	2.5049	3.6095	4.6437
Np-236m	0.7984	0.6370	0.8496	0.8955
Np-237	0.8657	0.7844	1.3336	1.6843
Np-238	1.3543	1.0095	1.7313	1.5064
Np-239	2.4026	1.9716	2.5502	2.5131
Np-240	4.2174	3.4958	4.5648	5.1792
Np-240m	1.2036	1.0434	1.4080	1.6184
Np-241	0.5827	0.4815	0.5967	0.6424
Np-242	0.4624	0.3603	0.6214	0.6032
Np-242m	3.3905	2.8295	3.8877	5.4992
O-14	1.6819	1.2857	2.2947	1.1697
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.7116	2.1975	2.8776	1.7420
Os-180	1.8436	1.4623	2.6319	2.6828
Os-181	5.4869	4.2258	6.1484	5.7663
Os-182	3.7206	3.1264	4.1337	4.0695
Os-183	5.1846	4.0696	5.7756	5.0692
Os-183m	2.9620	2.1235	3.7333	2.7504
Os-185	2.9957	2.3155	3.1449	4.0457
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1062	0.1413	0.4642	0.7990
Os-190m	7.9236	6.7930	7.8212	8.3784
Os-191	1.7206	1.4098	2.2184	2.4559
Os-191m	0.2458	0.2426	0.6191	0.9181
Os-193	0.6449	0.5319	0.7497	0.7707
Os-194	0.1668	0.1723	0.4872	0.7320
Os-196	0.7029	0.5641	0.7058	0.6367

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0013	0.0010	0.0018	0.0010
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5025	0.4198	0.7001	0.7856
Pa-228	5.2218	4.1677	6.1707	6.0618
Pa-229	1.2357	0.9738	1.3711	1.4280
Pa-230	2.9067	2.2868	3.1537	3.2672
Pa-231	0.7045	0.6887	1.4487	1.8658
Pa-232	2.9901	2.4145	3.2241	3.6549
Pa-233	2.0931	1.7169	3.0771	2.6327
Pa-234	5.3920	4.3493	5.8204	6.6923
Pa-234m	0.0438	0.0332	0.0504	0.0498
Pa-235	0.0383	0.0511	0.1687	0.2915
Pa-236	2.0219	1.6367	2.5416	2.6962
Pa-237	1.7365	1.3950	1.6900	2.2211
Pb-194	4.4889	3.4987	5.1609	4.3045
Pb-195m	6.7548	5.3955	6.9282	7.3276
Pb-196	4.1262	3.3126	4.0614	3.7155
Pb-197	4.4849	3.4403	5.0616	4.2694
Pb-197m	5.7625	4.6072	5.7957	5.8669
Pb-198	3.8306	3.0368	4.3067	4.0083
Pb-199	3.6709	2.8082	4.5512	3.5331
Pb-200	3.1065	2.5105	3.4048	3.6771
Pb-201	4.2274	3.2535	5.4864	4.4782
Pb-201m	1.5455	1.2109	1.4399	2.0219
Pb-202	0.1090	0.1434	0.4596	0.7769
Pb-202m	6.0907	4.7887	5.5057	6.2946
Pb-203	3.2707	2.5559	3.7299	3.0708
Pb-204m	5.5812	4.1958	5.5838	5.8335
Pb-205	0.1103	0.1452	0.4652	0.7862
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1783	0.1903	0.5446	0.7624
Pb-211	0.2319	0.1865	0.1935	0.2455
Pb-212	1.5773	1.2553	1.3480	1.1928
Pb-214	1.8329	1.4650	2.2910	1.7823
Pd-100	2.9768	2.3515	2.8870	2.2725
Pd-101	2.1425	1.8817	2.5984	2.3898
Pd-103	0.5914	0.5649	0.7566	0.7476
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2696	1.1382	1.0441	1.2559

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3940	0.3466	0.4823	0.5305
Pd-111	0.1389	0.1105	0.1516	0.1315
Pd-112	0.1955	0.1951	0.2961	0.3298
Pd-114	0.2484	0.2078	0.1900	0.1592
Pd-96	4.0509	3.2910	3.7810	4.1961
Pd-97	3.8384	3.0704	4.5196	3.1350
Pd-98	2.8169	2.2916	2.5276	2.5670
Pd-99	3.1856	2.6622	3.1590	3.0423
Pm-136	5.9989	4.7621	5.8152	6.7716
Pm-137m	6.1470	4.9792	5.7208	5.5717
Pm-139	1.0898	0.8651	1.0923	1.0276
Pm-140m	6.3775	4.8835	5.8985	6.4973
Pm-140	0.4243	0.3283	0.4600	0.4907
Pm-141	0.8359	0.6279	1.0133	0.8960
Pm-142	0.3169	0.2381	0.4423	0.3489
Pm-143	1.7558	1.3482	1.7421	2.4722
Pm-144	5.8568	4.7216	5.0836	7.4197
Pm-145	1.0622	0.8059	1.1786	1.3099
Pm-146	3.2634	2.6683	2.8512	3.6697
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	1.1260	0.8758	1.5408	0.9567
Pm-148m	6.6329	5.3866	5.8230	7.1976
Pm-149	0.0752	0.0605	0.0934	0.0715
Pm-150	3.4314	2.6107	4.7713	3.2799
Pm-151	2.3014	1.8504	2.4251	2.3543
Pm-152m	5.3817	4.1637	5.5607	4.0503
Pm-152	0.9372	0.7098	0.9062	0.8562
Pm-153	1.2144	0.9744	1.1076	1.1224
Pm-154	2.9008	2.1437	3.5962	2.6600
Pm-154m	4.9927	3.8931	6.1240	4.4758
Po-203	4.6952	3.5164	5.1687	4.7144
Po-204	6.1370	4.7537	6.8416	6.9340
Po-205	4.5627	3.3772	5.0672	4.9760
Po-206	5.3798	4.2434	6.2947	5.9639
Po-207	4.1710	3.0623	4.3820	4.1547
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0364	0.0309	0.0537	0.0704
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0225	0.0177	0.0205	0.0250
Po-212m	0.0865	0.0675	0.0962	0.0655

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0002
Po-214	0.0002	0.0002	0.0002	0.0003
Po-215	0.0009	0.0008	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	8.0809	6.4572	7.7088	7.8882
Pr-134m	3.7732	3.0736	3.6951	2.9743
Pr-135	2.5093	2.0065	2.7147	2.5805
Pr-136	4.4030	3.6508	4.4112	3.9298
Pr-137	0.9738	0.7827	1.0599	1.2470
Pr-138	0.3301	0.2628	0.3603	0.4562
Pr-138m	6.6713	5.0455	7.6400	7.6993
Pr-139	0.9461	0.7600	1.0403	1.2608
Pr-140	0.5040	0.4050	0.5597	0.6737
Pr-142	0.0602	0.0430	0.1717	0.0311
Pr-142m	0.0051	0.0069	0.0227	0.0393
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0417	0.0326	0.0482	0.0516
Pr-144m	0.4178	0.3373	0.5196	0.6646
Pr-145	0.0563	0.0419	0.0555	0.0654
Pr-146	2.1567	1.7419	2.5832	1.7532
Pr-147	3.0560	2.3403	3.3996	3.1068
Pr-148	2.5841	1.9904	3.5489	2.4808
Pr-148m	4.0463	3.2764	4.8768	3.9745
Pt-184	6.9836	5.6992	7.6438	8.4668
Pt-186	3.7338	2.9311	3.9022	4.8763
Pt-187	4.2976	3.3597	4.8557	4.8446
Pt-188	2.8261	2.2912	3.1722	3.3225
Pt-189	3.9226	3.0810	4.5296	4.7228
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	3.5027	2.7598	4.0292	3.9336
Pt-193	0.1152	0.1521	0.4914	0.8353
Pt-193m	0.3671	0.3419	0.7962	1.1267
Pt-195m	1.8077	1.4718	2.6736	3.1482
Pt-197	0.4979	0.4139	0.7191	0.8753
Pt-197m	1.2577	1.0427	2.0064	2.2390
Pt-199	1.0107	0.8573	1.0031	0.9867
Pt-200	1.0074	0.8108	1.2720	1.3760
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0987	0.8668	1.0903	1.0855
Pu-234	1.2199	0.9728	1.2581	1.2871
Pu-235	1.5937	1.2830	1.7518	1.8177
Pu-236	0.0803	0.0879	0.1888	0.2624
Pu-237	1.0322	0.8607	1.2704	1.4077
Pu-238	0.0738	0.0810	0.1739	0.2427
Pu-239	0.0393	0.0446	0.1073	0.1602
Pu-240	0.0696	0.0763	0.1637	0.2281
Pu-241	0.0000	0.0000	0.0000	0.0001
Pu-242	0.0597	0.0655	0.1404	0.1957
Pu-243	0.5050	0.3829	0.5224	0.4671
Pu-244	0.0886	0.0850	0.1613	0.1966
Pu-245	1.9734	1.5714	2.3072	2.0326
Pu-246	2.1084	1.7264	2.1317	2.0871
Ra-219	1.2821	0.9972	1.9922	1.3673
Ra-220	0.0233	0.0204	0.0191	0.0160
Ra-221	0.6224	0.5582	0.8246	1.1125
Ra-222	0.0590	0.0466	0.0986	0.0626
Ra-223	1.7089	1.3572	1.8908	1.8240
Ra-224	0.0904	0.0751	0.0618	0.0565
Ra-225	0.4949	0.3867	0.6111	0.7296
Ra-226	1.8774	1.9026	1.9191	2.0097
Ra-227	1.3799	1.2173	1.9972	2.2171
Ra-228	1.6822	1.6719	1.6413	1.8016
Ra-230	0.8568	0.6956	0.8800	0.8541
Rb-77	2.5983	2.0329	2.5152	2.4196
Rb-78m	4.8626	3.8956	5.2268	4.3683
Rb-78	3.6686	2.9524	4.1244	2.8763
Rb-79	3.0773	2.6808	3.0172	3.8842
Rb-80	0.5529	0.4473	0.4601	0.7385
Rb-81	1.1078	1.0088	1.3305	1.4807
Rb-81m	0.2934	0.2901	0.6174	0.7645
Rb-82	0.3158	0.2490	0.3078	0.5623
Rb-82m	6.5179	5.1514	6.9279	8.4110
Rb-83	2.3087	2.1096	2.5368	2.8040
Rb-84	1.4777	1.1528	1.7816	2.4397
Rb-84m	2.6576	2.2852	1.9713	1.8130
Rb-86m	2.1356	1.8407	1.8087	2.0266
Rb-86	0.1591	0.1068	0.1884	0.1023
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.7022	0.5343	1.0800	0.6655
Rb-89	3.0390	2.1383	3.7741	2.2019
Rb-90	1.6467	1.2079	1.9871	1.7744
Rb-90m	3.7745	2.8005	4.6468	4.2623
Re-178	3.8050	2.9131	4.5015	3.5169
Re-179	5.1662	4.1295	6.3517	4.8311
Re-180	3.9438	2.8957	4.6685	4.7507
Re-181	4.8081	3.7360	6.0175	5.1259
Re-182	9.0700	7.0045	10.8342	8.6375
Re-182m	4.5141	3.2873	5.7162	4.2500
Re-183	2.9678	2.3384	4.1925	4.0749
Re-184	3.5875	2.6771	4.0893	4.6116
Re-184m	3.0057	2.3726	3.6914	3.7210
Re-186	0.3592	0.2950	0.4160	0.4357
Re-186m	0.6514	0.6301	1.6761	2.3891
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.4856	0.4303	0.5211	0.7480
Re-188m	1.6795	1.3175	2.4113	2.5346
Re-189	0.5297	0.4525	0.4918	0.5488
Re-190	5.7987	4.8311	5.0101	5.7545
Re-190m	4.7322	3.9134	4.6360	4.8389
Rh-100m	1.0415	0.9382	1.2482	1.2214
Rh-100	5.1485	4.2119	6.3257	4.6124
Rh-101	3.4285	2.9728	2.9710	2.6377
Rh-101m	2.2951	1.9243	3.5018	2.5058
Rh-102	1.7229	1.5231	1.6451	1.4958
Rh-102m	6.8661	5.6196	6.2924	7.3092
Rh-103m	0.0714	0.0709	0.1151	0.1390
Rh-104	0.0482	0.0415	0.0428	0.0463
Rh-104m	1.2537	0.9497	1.8981	0.9674
Rh-105	0.4941	0.3904	0.8569	0.5266
Rh-106	0.7422	0.6332	0.6515	0.6670
Rh-106m	7.5191	6.0426	7.6472	7.1923
Rh-107	1.9286	1.5458	2.7575	1.8429
Rh-108	1.3680	1.1638	1.0732	1.1111
Rh-109	2.0705	1.6927	2.6849	1.9390
Rh-94	4.2738	3.1503	6.5552	3.7488
Rh-95	2.9032	2.1193	3.7388	2.6321
Rh-95m	2.1372	1.8330	1.9218	2.0017
Rh-96	7.1727	5.5686	7.0046	9.9193

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.7072	1.3298	2.0990	2.1057
Rh-97	2.7109	2.2481	2.5288	2.3959
Rh-97m	3.8373	3.1648	4.5431	3.4417
Rh-98	2.1152	1.6748	1.9515	2.8841
Rh-99	3.3459	2.8196	3.6569	3.0926
Rh-99m	2.7080	2.2322	3.5737	2.8411
Rn-207	3.8408	2.9996	4.1581	4.1681
Rn-209	4.2562	3.3284	4.2987	4.2559
Rn-210	0.2939	0.2345	0.2962	0.3184
Rn-211	5.2583	4.0257	5.7159	5.6121
Rn-212	0.0009	0.0007	0.0008	0.0014
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0024	0.0020	0.0020	0.0030
Rn-219	0.3952	0.3237	0.3573	0.2885
Rn-220	2.3511	2.3298	2.2881	2.3396
Rn-222	0.0018	0.0016	0.0016	0.0013
Rn-223	1.7154	1.4368	1.9632	2.4398
Ru-103	2.3439	2.0875	2.0315	1.6798
Ru-105	2.6903	2.1937	2.5473	3.2123
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	1.0675	0.8581	1.0166	0.9593
Ru-108	0.8142	0.7455	0.7736	1.1713
Ru-92	7.5888	6.2988	7.4177	5.9410
Ru-94	2.5284	2.1093	2.8859	2.6204
Ru-95	3.4746	2.7587	4.6904	3.6184
Ru-97	2.3548	2.0625	2.1004	1.9424
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.5139	1.1033	2.2153	0.8422
S-38	1.4547	1.2084	2.2946	1.3783
Sb-111	3.1834	2.7735	3.0561	3.7668
Sb-113	2.7921	2.4146	2.8488	2.3043
Sb-114	2.9113	2.1030	4.2250	2.4041
Sb-115	2.9899	2.6510	2.8290	2.5363
Sb-116	2.6546	1.9376	3.6750	2.2497
Sb-116m	7.8425	6.0136	8.5554	6.6863
Sb-117	2.6255	2.4018	2.8166	4.3242
Sb-118	0.2955	0.2448	0.3681	0.3997
Sb-118m	7.4774	5.6311	8.0674	5.9786

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.9913	0.8662	1.2682	1.6103
Sb-120	0.5194	0.4434	0.6431	0.7823
Sb-120m	7.5673	5.6257	7.6465	5.5882
Sb-122m	2.0283	1.5593	2.2685	2.0791
Sb-122	1.6327	1.3868	1.3901	1.6544
Sb-124	3.4864	2.7696	4.4232	3.7665
Sb-124m	1.5692	1.3278	1.3575	1.7815
Sb-124n	0.0180	0.0240	0.0792	0.1371
Sb-125	2.3997	2.0415	2.1417	2.6395
Sb-126	8.2854	6.6203	6.8028	10.6742
Sb-126m	5.0390	4.0810	3.9754	6.0659
Sb-127	2.4574	2.0232	2.0515	2.7969
Sb-128	9.1716	7.2750	9.1529	12.4423
Sb-128m	5.8409	4.5631	6.6461	8.5601
Sb-129	3.1315	2.3993	3.3820	3.6513
Sb-130m	6.5890	5.0670	6.2692	8.8288
Sb-130	9.5774	7.5788	10.1451	12.2514
Sb-131	3.7872	2.8138	4.4099	3.8287
Sb-133	3.9226	2.8572	5.3566	3.2917
Sc-42m	5.5933	4.2633	8.3606	3.4690
Sc-43	0.4605	0.3806	0.4881	0.3899
Sc-44	1.8156	1.2347	2.3338	1.1681
Sc-44m	1.8140	1.4709	1.8101	1.2970
Sc-46	3.7078	2.5954	4.0677	3.5406
Sc-47	1.3402	1.2632	1.3077	2.2532
Sc-48	5.6124	3.8373	7.0952	3.8272
Sc-49	0.0010	0.0008	0.0023	0.0007
Sc-50	5.5361	4.2272	8.5765	3.6476
Se-70	2.3126	2.0037	3.6499	3.8438
Se-71	1.9560	1.5994	2.0605	2.3936
Se-72	1.0693	0.8921	2.4944	2.7286
Se-73	3.2210	2.5545	3.8980	3.1859
Se-73m	0.3415	0.2970	0.4792	0.5904
Se-75	3.6888	3.1814	4.0268	4.3196
Se-77m	1.1402	1.1055	1.3915	2.3294
Se-79m	0.3275	0.3335	0.8064	1.2092
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0385	0.0312	0.0415	0.0368
Se-81m	0.3871	0.3792	0.8435	1.2375
Se-83m	1.8562	1.3725	2.1864	1.6466

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	6.5670	5.2633	7.1976	6.0235
Se-84	2.1320	1.8042	1.5262	1.4090
Si-31	0.0012	0.0008	0.0017	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	3.1749	2.5258	3.6085	3.1586
Sm-140	2.0283	1.5509	2.2319	2.0024
Sm-141	2.9065	2.3326	2.9879	2.2833
Sm-141m	5.5673	4.4338	5.3745	5.3785
Sm-142	1.0055	0.7398	1.1280	1.1701
Sm-143	0.6629	0.4850	0.7690	0.7333
Sm-143m	1.8051	1.4004	1.5473	2.9872
Sm-145	2.0960	1.5338	2.3387	2.3334
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0007	0.0008	0.0022	0.0036
Sm-153	1.4450	1.0155	1.5170	1.1760
Sm-155	1.5852	1.1509	1.2219	0.9021
Sm-156	1.4736	1.1914	1.3707	1.4198
Sm-157	2.5468	2.0861	2.1736	1.8961
Sn-106	4.5831	3.7419	4.3549	4.2229
Sn-108	4.4241	3.6968	4.0439	4.3854
Sn-109	3.8806	2.9624	5.4404	3.4971
Sn-110	2.7282	2.2562	3.3177	2.7596
Sn-111	0.7949	0.6660	1.0339	1.0460
Sn-113	0.8167	0.7132	0.9928	1.1977
Sn-113m	0.5699	0.4947	0.7184	0.9085
Sn-117m	2.4915	2.2943	2.6513	4.1547
Sn-119m	0.6426	0.5672	0.8581	1.1041
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2084	0.1829	0.2789	0.3735
Sn-123	0.0117	0.0079	0.0140	0.0076
Sn-123m	1.8028	1.6872	1.7750	2.9745
Sn-125m	2.0130	1.6020	3.2027	2.0378
Sn-125	0.6189	0.4476	0.7026	0.5693
Sn-126	1.3109	0.9871	1.2669	1.1729
Sn-127m	2.2913	2.0177	2.1656	1.5540
Sn-127	3.9843	3.0209	4.3347	3.5239
Sn-128	4.6255	3.8951	4.5671	4.8899
Sn-129	2.3902	1.8535	2.3179	2.9958

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	4.8003	3.9259	4.0467	5.3971
Sn-130m	2.9061	2.2789	3.1903	3.3206
Sr-79	1.7497	1.4120	1.8124	1.7568
Sr-80	1.6034	1.4313	1.7667	2.2855
Sr-81	2.8344	2.4878	2.6273	3.3785
Sr-82	0.2331	0.2739	0.6599	0.9023
Sr-83	1.7978	1.5361	2.3172	2.9674
Sr-85	2.4924	2.2853	2.6232	2.5938
Sr-85m	1.9383	1.6664	1.3817	1.4693
Sr-87m	1.7154	1.4412	1.4831	1.3372
Sr-89	0.0002	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.5285	1.1170	1.5279	1.7042
Sr-92	1.7852	1.2661	3.2084	1.0808
Sr-93	5.0275	3.9784	5.3742	5.5866
Sr-94	1.7643	1.2532	3.5670	1.1694
Ta-170	1.8461	1.3759	2.2063	1.9110
Ta-172	4.4338	3.3206	5.5943	3.9199
Ta-173	3.1566	2.3816	4.5469	3.7262
Ta-174	3.3111	2.5475	4.0316	3.0073
Ta-175	4.6696	3.4971	6.4570	4.1723
Ta-176	4.5348	3.3302	7.0678	4.0482
Ta-177	1.4259	1.0173	2.1712	1.4610
Ta-178	1.4660	1.0394	2.3244	1.5644
Ta-178m	9.5783	7.5199	11.2509	8.0614
Ta-179	0.6663	0.4932	1.1845	0.9607
Ta-180	1.1833	0.8401	1.8699	1.2915
Ta-182	3.9636	2.8983	4.6822	3.3423
Ta-182m	3.8673	3.2751	4.9820	5.5936
Ta-183	3.6986	2.9567	4.6028	4.2849
Ta-184	7.1304	5.7447	6.9149	6.7139
Ta-185	2.0110	1.7086	2.4074	2.8483
Ta-186	6.6990	5.5384	5.9283	6.5188
Tb-146	3.7701	2.6848	7.5002	2.3406
Tb-147m	2.4804	1.7488	4.5325	1.8269
Tb-147	4.6744	3.4433	5.5380	4.3041
Tb-148m	8.8148	6.8625	8.0395	10.7465
Tb-148	3.7892	2.9066	4.1531	4.6729
Tb-149m	3.6901	2.8030	3.7259	5.5055
Tb-149	4.3602	3.3932	5.0952	4.7678

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	9.1968	7.4401	8.4868	10.4425
Tb-150	4.2850	3.2743	5.1431	4.4798
Tb-151	5.8106	4.5473	6.0480	5.1985
Tb-151m	0.7572	0.6128	1.4844	1.4687
Tb-152m	5.1776	4.0690	6.2656	4.8612
Tb-152	3.9371	2.9881	5.2983	3.7172
Tb-153	3.2373	2.4467	3.6056	2.9815
Tb-154	4.3590	3.2297	5.4886	3.8794
Tb-155	3.1186	2.2799	3.5464	2.7809
Tb-156	6.7427	5.1854	7.7463	5.5476
Tb-156m	0.9203	0.5350	1.8047	0.4092
Tb-156n	0.1471	0.1328	0.3631	0.4745
Tb-157	0.1874	0.1569	0.4036	0.4839
Tb-158	3.1215	2.2199	3.6981	3.2197
Tb-160	3.0980	2.2524	3.7136	2.8994
Tb-161	1.0368	0.7640	1.6746	1.3148
Tb-162	4.2174	3.2951	3.8466	4.4821
Tb-163	4.0677	3.4013	4.0678	3.3666
Tb-164	6.9380	5.4915	7.2711	7.8608
Tb-165	1.5220	1.1553	2.2961	1.2773
Tc-101	2.0991	1.6827	3.1977	2.1060
Tc-102m	5.0484	4.0808	5.6571	4.1426
Tc-102	0.2521	0.2118	0.2306	0.1994
Tc-104	4.6731	3.7219	6.0787	4.0660
Tc-105	3.3739	2.7766	3.5745	3.2591
Tc-91	1.5990	1.1952	2.6851	1.2471
Tc-91m	1.5010	1.3003	1.5213	1.0839
Tc-92	7.1934	5.7020	10.3163	8.1547
Tc-93	2.1063	1.5935	4.1560	1.6639
Tc-93m	1.8726	1.5349	1.9147	1.4275
Tc-94	6.3137	4.8695	6.0073	9.1708
Tc-94m	2.2890	1.7140	2.5274	2.9053
Tc-95	2.3412	1.9089	2.3075	3.9039
Tc-95m	3.0590	2.5953	2.6574	3.3972
Tc-96	6.1815	4.7941	5.9075	9.7239
Tc-96m	0.3376	0.3137	0.4587	0.5120
Tc-97	0.4206	0.4206	0.6453	0.7265
Tc-97m	0.3609	0.3545	0.5174	0.5557
Tc-98	3.7710	2.9682	3.0891	5.8931
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.7297	1.5290	1.4877	1.8918
Te-113	2.0356	1.5131	2.5470	1.9977
Te-114	3.5375	2.8424	4.2471	3.9057
Te-115	3.1379	2.3753	3.9371	3.0019
Te-115m	3.5973	2.7332	4.6109	3.9227
Te-116	1.9994	1.6293	2.1016	2.4534
Te-117	2.7258	2.1418	3.1880	3.5984
Te-118	0.8176	0.7098	0.9958	1.2773
Te-119	2.7052	2.2018	2.6490	3.9167
Te-119m	4.7286	3.8090	5.3539	5.2107
Te-121	2.9923	2.5746	2.8340	3.3947
Te-121m	2.1749	1.8648	1.7530	1.9080
Te-123	0.0170	0.0220	0.0704	0.1210
Te-123m	2.2151	2.0525	2.3211	3.7272
Te-125m	1.4175	1.2298	1.6954	2.2102
Te-127	0.0271	0.0230	0.0217	0.0194
Te-127m	0.4433	0.3886	0.5605	0.7392
Te-129	0.4609	0.4049	0.5098	0.5886
Te-129m	0.4004	0.3440	0.4648	0.6503
Te-131	2.4563	2.1406	2.3005	2.8887
Te-131m	4.0958	3.1881	4.0156	5.0213
Te-132	2.7900	2.3219	2.4343	2.3380
Te-133	3.2872	2.5666	4.3967	3.1712
Te-133m	4.7154	3.6337	5.0294	5.1579
Te-134	4.2918	3.5383	3.6300	4.4174
Th-223	1.2941	1.0348	1.4382	1.5519
Th-224	0.2476	0.2213	0.2376	0.3180
Th-226	0.1428	0.1266	0.1900	0.2311
Th-227	1.4569	1.2530	2.1042	2.1294
Th-228	0.0858	0.0868	0.1791	0.2490
Th-229	1.7645	1.5152	2.4050	2.9278
Th-230	2.0391	1.9433	2.0522	1.9942
Th-231	0.7939	0.7733	1.5154	2.0387
Th-232	1.5791	1.5599	1.5349	1.6058
Th-233	0.3312	0.2979	0.4786	0.6437
Th-234	0.2344	0.1917	0.3098	0.3340
Th-235	0.2016	0.1636	0.1725	0.2281
Th-236	0.2892	0.2413	0.3103	0.3410
Ti-44	3.0294	2.0903	2.6528	1.6381
Ti-45	0.0113	0.0116	0.0317	0.0475

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	2.0224	1.5843	3.4373	2.1748
Ti-52	1.9338	1.6138	1.5698	1.3184
Tl-190	2.9288	2.3720	2.5926	2.5043
Tl-190m	7.4623	5.9849	6.8251	8.0734
Tl-194	3.0539	2.4618	2.7680	2.8084
Tl-194m	9.4641	7.6404	8.5818	10.8105
Tl-195	3.6697	2.8618	4.7414	4.2789
Tl-196	4.8408	3.8406	5.5866	4.2752
Tl-197	2.8605	2.2260	3.2367	3.0471
Tl-198	5.2213	4.0879	6.0071	4.5778
Tl-198m	6.1399	5.0126	5.8916	6.6714
Tl-199	2.7212	2.1512	2.8625	2.7579
Tl-200	4.8358	3.7331	5.6790	4.5718
Tl-201	1.9365	1.5151	2.3330	2.4736
Tl-202	3.3904	2.7733	3.1816	2.9061
Tl-204	0.0295	0.0226	0.0377	0.0388
Tl-206m	9.8561	7.9682	8.5805	8.3551
Tl-206	0.0015	0.0011	0.0017	0.0017
Tl-207	0.0051	0.0037	0.0050	0.0061
Tl-208	4.5185	3.5667	4.7833	3.7883
Tl-209	5.6836	4.5310	7.8437	3.4468
Tl-210	5.9498	4.5706	7.4943	7.0321
Tm-161	5.6138	4.0281	8.9088	4.7771
Tm-162	3.2134	2.3081	4.6374	2.8700
Tm-163	4.9774	3.5358	7.5417	3.8666
Tm-164	1.2689	0.8690	2.1483	1.1202
Tm-165	4.0587	3.0197	5.3965	3.4359
Tm-166	4.9022	3.6489	6.6120	5.2282
Tm-167	2.1907	1.6094	3.2386	1.9290
Tm-168	5.6764	4.4009	6.1254	6.4190
Tm-170	0.0959	0.0701	0.1562	0.1285
Tm-171	0.0158	0.0109	0.0282	0.0170
Tm-172	0.9296	0.6775	1.6971	0.8553
Tm-173	2.1066	1.7471	1.6526	1.4420
Tm-174	7.8617	6.2349	8.6732	6.9948
Tm-175	3.6412	2.9360	3.7968	3.2210
Tm-176	5.3106	4.1024	6.2202	4.4100
U-227	1.4350	1.1799	1.4839	1.5171
U-228	0.1135	0.1083	0.1945	0.2568
U-230	0.0924	0.0981	0.2079	0.2915

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.9259	1.6707	2.7423	3.3026
U-232	0.0775	0.0856	0.1931	0.2732
U-233	0.0409	0.0452	0.1037	0.1485
U-234	1.0759	1.0278	1.1466	0.9757
U-235	2.0699	2.1218	2.1510	2.0819
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0620	0.0693	0.1587	0.2263
U-237	2.3358	1.8996	2.6699	2.6007
U-238	1.4333	1.4615	1.5359	1.3548
U-239	0.9663	0.6991	0.9628	0.7412
U-240	0.2713	0.2729	0.5452	0.7349
U-242	0.3829	0.2936	0.4090	0.3278
V-47	0.0129	0.0112	0.0247	0.0214
V-48	3.7913	2.6086	5.0935	2.7790
V-49	0.0443	0.0591	0.1956	0.3384
V-50	1.7060	1.2560	4.1658	1.5462
V-52	1.6866	1.1835	3.6788	0.9570
V-53	1.8974	1.2731	2.1699	1.2282
W-177	6.1287	4.7275	7.1471	6.0318
W-178	0.4429	0.3577	0.8615	0.9071
W-179	1.4998	1.1569	2.4241	2.2387
W-179m	1.0744	0.8199	1.4706	1.2707
W-181	1.0286	0.7525	1.6359	1.2843
W-185m	0.6315	0.6153	1.3887	2.0376
W-185	0.0010	0.0008	0.0012	0.0010
W-187	2.1543	1.7361	2.0026	2.3172
W-188	0.0177	0.0143	0.0213	0.0176
W-190	2.7795	2.2696	3.4325	3.8405
Xe-120	3.2262	2.6903	3.3416	4.0847
Xe-121	2.6185	2.1120	2.9253	2.5157
Xe-122	1.2193	1.0489	1.4109	1.6966
Xe-123	2.6337	2.2770	2.8944	3.4862
Xe-125	3.1023	2.6633	2.8324	3.3241
Xe-127	3.2081	2.7917	2.8407	3.3699
Xe-127m	2.6129	2.2430	2.2625	2.6129
Xe-129m	1.6927	1.4553	1.8983	2.4874
Xe-131m	0.6986	0.6117	0.8182	1.1107
Xe-133	1.2205	0.9384	1.1577	1.1713
Xe-133m	0.8643	0.7463	0.9040	1.1551
Xe-135	1.9486	1.6161	1.2477	1.1404

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	2.0004	1.7614	1.7661	1.7184
Xe-137	0.7683	0.6625	0.6576	0.5326
Xe-138	2.4058	2.0033	2.6926	2.0734
Y-81	2.0524	1.6800	1.8160	1.6511
Y-83	1.3228	1.1056	1.6275	1.7553
Y-83m	1.7718	1.5101	1.5115	1.3390
Y-84m	6.1057	4.4718	6.5013	6.8996
Y-85	1.7356	1.5402	1.6814	1.5304
Y-85m	1.4893	1.2211	1.7760	1.5698
Y-86	6.1184	4.6872	7.0958	6.3997
Y-86m	1.7901	1.5391	1.1631	1.1224
Y-87	2.3881	2.1879	2.4634	2.3502
Y-87m	1.6493	1.3799	1.5984	1.3595
Y-88	3.6984	2.9008	5.6301	4.4196
Y-89m	1.8756	1.3382	1.8631	2.1608
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	3.9243	3.4464	2.9366	2.5827
Y-91	0.0046	0.0032	0.0061	0.0029
Y-91m	2.0799	1.7954	1.7735	1.9842
Y-92	0.5067	0.3756	0.5817	0.4636
Y-93	0.2528	0.1995	0.2754	0.1977
Y-94	1.4755	1.0698	1.5847	1.4970
Y-95	1.0618	0.7849	1.4586	0.7923
Yb-162	3.0018	2.3279	3.9744	3.1775
Yb-163	2.1063	1.5172	3.4386	2.3045
Yb-164	1.1286	0.7350	2.1392	0.9833
Yb-165	2.9757	2.0666	5.0709	3.1528
Yb-166	2.1235	1.3743	3.8707	1.7525
Yb-167	4.6915	3.3740	6.9549	4.2619
Yb-169	5.4958	3.9794	7.9609	4.6612
Yb-175	0.2900	0.2304	0.2942	0.2185
Yb-177	0.9481	0.7536	1.1028	1.0209
Yb-178	0.2227	0.1822	0.2434	0.1949
Yb-179	3.7604	3.0831	3.4871	4.1094
Zn-60	2.1221	1.6561	2.0711	2.5583
Zn-61	0.8788	0.7096	1.1614	0.6586
Zn-62	1.9027	1.6482	2.2208	2.8349
Zn-63	0.3249	0.2483	0.3637	0.4435
Zn-65	1.0715	0.8223	1.7921	1.7358
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	2.0807	1.8018	1.6330	1.4555
Zn-71	1.1556	0.9766	1.0378	0.9102
Zn-71m	6.2746	5.2785	5.3860	5.5096
Zn-72	2.1435	1.9826	2.5763	3.7778
Zr-85	1.8876	1.5921	1.7163	1.4229
Zr-86	2.8367	2.5041	2.7241	3.0569
Zr-87	0.1830	0.1499	0.2841	0.2535
Zr-88	2.2907	1.9869	2.1608	2.2079
Zr-89	2.1276	1.6042	2.4041	2.8193
Zr-89m	1.9496	1.6243	1.8108	2.1656
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.8549	1.4489	1.5477	3.0828
Zr-97	2.2260	1.7463	1.9892	3.3291

Table 13: Adobe Infinite Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.2439	0.2178	0.4426	0.2731	0.3024	0.2557	0.3127	0.4092
Ac-224	2.1909	2.0993	3.1201	2.6918	3.0166	2.7940	3.3740	3.5552
Ac-225	0.3501	0.3148	0.5821	0.3861	0.4314	0.3632	0.4264	0.5622
Ac-226	1.0154	0.9711	1.3121	1.3606	1.4021	1.3819	1.6712	1.8631
Ac-227	0.0748	0.0599	0.1713	0.0754	0.0800	0.0602	0.0678	0.1175
Ac-228	1.8223	1.7948	2.1762	2.3652	2.6692	2.3939	3.1758	3.2726
Ac-230	0.8340	0.7963	0.9839	1.0818	1.1824	1.0717	1.3419	1.3961
Ac-231	2.2230	2.1993	2.7514	2.9506	3.2363	3.1633	4.1693	4.3713
Ac-232	1.4082	1.3237	1.5786	1.8656	2.0219	1.8301	2.2142	2.0856
Ac-233	1.1779	1.1770	1.3772	1.5890	1.6776	1.5931	2.2966	2.8320
Ag-100m	2.2824	2.2955	2.3591	3.1879	3.4935	3.2009	3.9633	3.7989
Ag-101	1.8039	1.7857	1.8837	2.4748	2.6603	2.5541	3.3929	3.4162
Ag-102m	1.5139	1.4469	1.5426	2.0440	2.1992	2.0299	2.5075	2.4188
Ag-102	3.4515	3.4389	3.5759	4.6848	5.1644	4.7586	6.1122	6.1700
Ag-103	1.8493	1.7307	1.9787	2.2344	2.5379	2.4123	2.8534	2.8777
Ag-104	4.2933	4.2343	4.4141	5.5158	6.3337	5.7228	7.4617	7.4409
Ag-104m	1.7418	1.6892	1.7747	2.2738	2.5007	2.3296	2.9985	3.2239
Ag-105	2.1424	2.0014	2.0713	2.5119	3.0251	2.8222	3.6096	3.6454
Ag-105m	0.0255	0.0191	0.0761	0.0250	0.0258	0.0180	0.0223	0.0431
Ag-106	0.4760	0.4071	0.4490	0.4766	0.6041	0.5532	0.6708	0.6957
Ag-106m	5.0948	5.0292	5.2437	6.6229	7.5068	6.9040	9.0343	9.3523
Ag-108	0.0453	0.0424	0.0443	0.0541	0.0635	0.0582	0.0666	0.0693
Ag-108m	3.7804	3.7473	3.8515	4.8860	5.5397	5.0953	6.3142	6.7562
Ag-109m	0.3550	0.2757	0.3492	0.2601	0.4273	0.3635	0.3587	0.2847
Ag-110	0.0549	0.0573	0.0577	0.0783	0.0847	0.0779	0.0953	0.1040
Ag-110m	3.8865	4.0327	4.1087	5.4178	6.0645	5.4446	7.0971	7.0191
Ag-111	0.0877	0.0908	0.0879	0.1212	0.1370	0.1361	0.1928	0.2027
Ag-111m	0.1995	0.1530	0.2143	0.1528	0.2369	0.2012	0.1989	0.1765
Ag-112	0.8721	0.8949	0.9126	1.2634	1.3463	1.2538	1.5455	1.5998
Ag-113m	0.6630	0.6700	0.6960	0.8735	1.0015	0.9656	1.3169	1.4110
Ag-113	0.2000	0.2075	0.2036	0.2804	0.3117	0.3079	0.4474	0.4648
Ag-114	0.3680	0.3730	0.3864	0.5173	0.5500	0.5174	0.6872	0.7600
Ag-115	0.7692	0.7511	0.7986	1.1027	1.1538	1.1391	1.4359	1.3769
Ag-116	2.2286	2.2318	2.3359	3.1130	3.3121	3.0827	4.0979	4.2591
Ag-117	1.5256	1.4817	1.5567	2.0834	2.2440	2.1381	2.6179	2.5225
Ag-99	2.2957	2.2848	2.4034	3.2098	3.4372	3.2835	4.3579	4.1984
Al-26	1.4231	1.2764	1.3677	1.9577	2.0916	1.9703	2.3099	1.6724
Al-28	1.3909	1.2479	1.3384	1.9129	2.0499	1.9415	2.2675	1.6356
Al-29	1.0904	1.1598	1.1872	1.5969	1.7568	1.5933	1.9179	1.7770

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	2.5160	2.3884	3.5893	3.0770	3.3943	3.1762	3.9908	4.2619
Am-238	2.5740	2.4829	3.5155	3.1762	3.6053	3.2158	4.0628	4.1615
Am-239	2.9155	2.6822	4.5566	3.3829	3.7659	3.4492	4.0531	4.3516
Am-240	2.8512	2.7400	3.8476	3.5023	4.0218	3.5060	4.5611	4.6132
Am-241	0.6614	0.6611	0.6647	0.6670	0.9752	0.9693	0.9558	0.9374
Am-242	0.4672	0.3991	0.7038	0.4827	0.5579	0.4856	0.5250	0.5936
Am-242m	0.3222	0.2575	0.4959	0.3134	0.3602	0.3001	0.3093	0.3961
Am-243	0.8937	0.9063	1.1051	1.0090	1.3226	0.9946	1.4136	1.4494
Am-244	2.6067	2.4074	3.2459	3.0407	3.4793	3.0639	3.6440	3.8939
Am-244m	0.1806	0.1492	0.2513	0.1825	0.2131	0.1817	0.1954	0.2229
Am-245	0.3112	0.2888	0.4471	0.3815	0.4069	0.3846	0.4661	0.4931
Am-246	3.3974	3.0765	4.2565	4.0281	4.4782	4.1135	4.5970	5.0369
Am-246m	1.5907	1.5830	1.8424	2.0784	2.3824	2.0833	2.7821	2.7110
Am-247	1.0981	1.0357	1.5408	1.3431	1.4720	1.3957	1.7196	1.8085
Ar-37	0.0262	0.0187	0.0911	0.0252	0.0242	0.0148	0.0179	0.0447
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.0619	1.1338	1.1609	1.5491	1.7213	1.5669	1.8795	1.7573
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4858	1.5091	1.5553	2.1076	2.3261	2.0960	2.7622	2.5223
Ar-44	2.1818	2.0386	2.1817	3.0858	3.2588	3.2121	3.6845	3.2043
As-68	2.8897	2.9517	3.0365	4.1085	4.5521	4.0867	5.3893	5.0180
As-69	0.4056	0.3910	0.5515	0.5586	0.5811	0.5567	0.7032	0.7331
As-70	3.7473	3.8181	4.0302	5.3210	5.8911	5.2986	7.0502	6.6513
As-71	1.3927	1.2786	2.3163	1.8541	1.8636	1.8105	2.0518	2.6867
As-72	1.2888	1.3058	1.5052	1.6892	1.9341	1.6771	2.2441	2.1961
As-73	1.0382	0.7782	3.3178	1.0136	1.0263	0.6479	0.8067	1.7879
As-74	1.0232	1.0198	1.4627	1.4122	1.4742	1.3372	1.7013	2.1177
As-76	0.7129	0.7358	0.7582	1.0096	1.0741	1.0112	1.3609	1.5651
As-77	0.0348	0.0345	0.0398	0.0518	0.0508	0.0525	0.0715	0.0754
As-78	1.6219	1.6748	1.7085	2.3197	2.5127	2.3129	2.9074	2.9753
As-79	0.0699	0.0723	0.0721	0.0963	0.1079	0.1007	0.1362	0.1454
At-204	4.9729	5.0810	5.6760	6.5962	7.3785	6.7051	9.0345	10.1041
At-205	2.5108	2.5386	3.1298	3.1144	3.6908	3.1748	4.2169	4.3976
At-206	5.1026	5.2060	5.7946	6.7832	7.6417	6.9137	9.2153	9.8752
At-207	3.9751	4.0120	4.7562	5.0625	5.8977	5.1565	6.8657	6.9884
At-208	5.9925	6.1051	6.9858	7.9941	9.0248	8.0703	10.3573	10.7731
At-209	5.6164	5.6572	6.7455	7.0579	8.2100	7.2214	9.6784	10.1311
At-210	4.7376	4.7474	5.7047	6.4056	7.1172	6.4926	8.4683	8.1884
At-211	0.5801	0.5718	0.8689	0.6087	0.8033	0.6254	0.8644	0.9232
At-215	0.0005	0.0006	0.0006	0.0007	0.0008	0.0008	0.0009	0.0010

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0290	0.0289	0.0418	0.0326	0.0410	0.0331	0.0460	0.0491
At-217	0.0013	0.0013	0.0015	0.0017	0.0018	0.0017	0.0024	0.0026
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.7235	1.7318	1.9265	2.5063	2.5644	2.5869	3.5177	3.6644
Au-186	2.6373	2.6134	3.2159	3.6268	3.9549	3.6219	4.6602	5.0033
Au-187	2.3040	2.2511	3.3119	3.0307	3.3391	2.7400	3.6919	4.2070
Au-190	3.3603	3.3600	4.0207	4.6170	5.0431	4.4882	6.2185	6.5017
Au-191	2.7440	2.7311	3.8863	3.6547	3.9848	3.3468	4.6551	5.5849
Au-192	3.1211	3.1017	3.7737	4.2012	4.6976	4.1222	5.7560	5.9750
Au-193	1.7202	1.6854	2.7151	2.2286	2.4542	1.8955	2.6994	3.3593
Au-193m	1.3675	1.3081	2.0783	1.8810	1.8808	1.7580	2.4702	2.8294
Au-194	2.4365	2.4428	3.1083	3.2355	3.6718	3.1498	4.4727	4.8844
Au-195	1.5199	1.4480	2.8220	1.8331	2.0684	1.4617	2.1135	2.8216
Au-195m	1.3758	1.3198	2.0807	1.8766	1.8984	1.7628	2.4899	2.8614
Au-196	2.1564	2.1970	2.7785	2.8450	3.2624	2.8017	4.0042	4.6261
Au-196m	2.6578	2.4983	4.4688	3.2983	3.5664	2.9969	3.7674	4.9581
Au-198	1.0822	1.1152	1.1261	1.5256	1.6619	1.5824	1.9727	2.2042
Au-198m	3.9977	3.8286	5.9255	5.2665	5.7219	5.3196	6.5556	7.1118
Au-199	0.7878	0.7659	1.0786	1.0509	1.0897	1.0257	1.1944	1.5578
Au-200	0.3919	0.4129	0.4161	0.5541	0.6242	0.5811	0.7493	0.7678
Au-200m	5.4383	5.4982	6.0934	7.5758	8.0610	7.7481	10.3987	11.5443
Au-201	0.1351	0.1287	0.2178	0.1685	0.1826	0.1573	0.2098	0.2731
Au-202	0.2676	0.2772	0.2863	0.3748	0.4141	0.3813	0.5114	0.5433
Ba-124	1.3448	1.3706	1.5934	1.6840	2.1550	1.8530	2.2743	2.1537
Ba-126	1.7553	1.7941	2.0161	2.3084	2.7996	2.4832	3.2069	3.0339
Ba-127	0.7306	0.7352	0.9115	0.8737	1.1655	0.9717	1.1346	1.0234
Ba-128	0.7461	0.7634	0.9252	0.8407	1.2392	0.9826	1.2198	1.0382
Ba-129	0.8041	0.8062	0.9954	0.9456	1.3008	1.0769	1.2652	1.0998
Ba-129m	3.4559	3.4881	3.9121	4.6181	5.3893	4.8998	6.0834	6.0487
Ba-131	2.1087	2.1329	2.4721	2.6465	3.2552	2.8879	3.6920	3.7655
Ba-131m	0.9467	0.9578	1.5663	1.0933	1.4288	1.1780	1.4105	1.2971
Ba-133	2.2982	2.3909	2.6356	2.7310	3.7314	3.1551	4.1796	3.9356
Ba-133m	0.6862	0.6964	1.0320	0.8200	1.1013	0.8754	1.1313	1.0858
Ba-135m	0.5840	0.6122	0.7655	0.7151	0.9857	0.7886	1.0142	0.8913
Ba-137m	1.0862	1.1471	1.1680	1.5537	1.7024	1.5447	1.9015	2.0616
Ba-139	0.2725	0.2733	0.3044	0.3877	0.4034	0.4075	0.4372	0.5351
Ba-140	0.6811	0.6598	0.9619	0.8484	0.9684	0.8666	1.1386	1.3727
Ba-141	2.0734	2.1001	2.1764	2.9410	3.2153	3.1547	4.0875	4.1692
Ba-142	1.9049	1.9904	2.1047	2.6877	3.0441	2.7523	3.7748	3.6543

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1217	0.1227	0.1282	0.1652	0.1761	0.1702	0.2460	0.2970
Bi-197	2.9163	2.9484	3.7009	3.7149	4.3755	3.6961	5.0649	5.1228
Bi-200	5.6693	5.7868	6.6539	7.6772	8.5748	7.7190	10.7906	11.5801
Bi-201	2.9995	3.0090	3.7255	3.8363	4.4924	3.8097	5.1434	5.0981
Bi-202	5.2921	5.4384	6.1436	7.1469	8.1195	7.1507	9.7217	10.1256
Bi-203	3.7963	3.7565	4.5383	4.8802	5.6425	4.8655	6.4450	6.2029
Bi-204	5.3828	5.5085	6.2959	7.1504	8.2769	7.1921	9.9309	9.9619
Bi-205	2.8831	2.8397	3.5713	3.7050	4.2591	3.6570	4.8614	4.8349
Bi-206	6.3984	6.4477	7.4488	8.2810	9.5349	8.3685	11.4407	11.7923
Bi-207	3.1528	3.2226	3.8808	4.1717	4.7592	4.1067	5.7372	6.2062
Bi-208	1.9802	1.9342	2.5338	2.6807	2.8441	2.4328	3.0439	2.8158
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.1186	1.1395	1.2760	1.5924	1.6814	1.6563	2.4124	2.5364
Bi-211	0.1670	0.1733	0.1835	0.2209	0.2594	0.2417	0.3398	0.3685
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2351	0.2226	0.3674	0.2870	0.3234	0.2717	0.3441	0.4006
Bi-213	0.3651	0.3716	0.4027	0.4882	0.5424	0.5067	0.6806	0.7737
Bi-214	1.6224	1.6371	1.6972	2.3083	2.5054	2.3074	2.9015	2.7823
Bi-215	0.8303	0.8502	0.9643	1.0906	1.2514	1.1641	1.6752	1.7373
Bi-216	1.7182	1.7575	1.8365	2.3798	2.5506	2.4230	3.2977	3.8836
Bk-245	2.3968	2.2288	3.5349	2.8590	3.1197	2.9078	3.4315	3.6189
Bk-246	2.7134	2.5513	3.6016	3.1703	3.6575	3.2079	3.8883	3.9875
Bk-247	1.2069	1.1934	1.6179	1.4814	1.7060	1.5616	2.0808	2.0387
Bk-248m	0.5530	0.4938	0.8036	0.6096	0.6932	0.6221	0.7032	0.7764
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3481	1.3615	1.5249	1.8261	2.1118	1.8198	2.5981	2.4711
Bk-251	1.1918	1.0734	1.7486	1.3588	1.4983	1.3727	1.4883	1.6695
Br-72	2.3544	2.4049	2.5492	3.2291	3.6390	3.2462	4.3244	4.1237
Br-73	1.2370	1.2713	1.4826	1.7045	1.8842	1.5925	2.2220	2.4997
Br-74	2.6189	2.6329	2.7604	3.7813	3.9645	3.6075	4.2545	4.3298
Br-74m	3.2450	3.3122	3.4618	4.6326	4.9682	4.5275	5.5016	5.6199
Br-75	1.5615	1.5781	1.8242	2.1770	2.3218	2.2891	3.2491	3.5226
Br-76	2.4869	2.4526	2.8834	3.4104	3.6345	3.3194	4.2330	4.5517
Br-76m	1.1531	1.1057	1.8198	1.1876	1.5776	1.1290	1.4216	1.9732
Br-77	1.3972	1.3096	2.1589	1.7738	1.8517	1.7023	2.2793	2.8611
Br-77m	0.5556	0.4996	0.9934	0.5721	0.6606	0.5375	0.6326	0.9142
Br-78	0.1967	0.1980	0.2583	0.2700	0.2858	0.2589	0.3218	0.3949
Br-80	0.1264	0.1260	0.1742	0.1700	0.1809	0.1617	0.1995	0.2483
Br-80m	1.0225	0.9593	1.7030	1.0474	1.3745	0.9889	1.1819	1.6364

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.4385	0.3811	0.7892	0.4278	0.4958	0.3797	0.4427	0.7486
Br-82	3.9367	4.0710	4.1818	5.4408	6.0376	5.4842	7.2197	7.4525
Br-83	0.0154	0.0156	0.0166	0.0211	0.0222	0.0213	0.0308	0.0375
Br-84m	3.6142	3.6621	3.7591	5.0139	5.6021	5.1661	6.6560	6.4005
Br-84	1.4067	1.4001	1.4365	1.9422	2.1469	1.8974	2.4429	2.2004
Br-85	0.0904	0.0926	0.0955	0.1217	0.1398	0.1231	0.1677	0.1566
C-10	1.2052	1.2550	1.2756	1.6477	1.8423	1.6499	2.1063	2.1697
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0468	0.0333	0.1626	0.0450	0.0431	0.0264	0.0320	0.0798
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.9616	1.0166	1.0447	1.3785	1.5331	1.3976	1.7213	1.6534
Ca-49	1.2736	1.2221	1.2332	1.6765	1.7742	1.4885	1.5091	1.7149
Cd-101	2.4881	2.3644	2.8592	3.0977	3.6102	3.3104	3.9889	3.5356
Cd-102	2.0676	1.9347	2.1174	2.4106	2.8857	2.6707	3.4170	3.6121
Cd-103	2.1519	1.9748	2.1059	2.6012	3.0785	2.8008	3.2906	2.8258
Cd-104	1.6840	1.5028	1.6878	1.5737	2.2654	1.9295	2.2529	1.9751
Cd-105	1.4893	1.3553	1.4366	1.7423	2.1161	1.9217	2.2711	1.9689
Cd-107	1.0410	0.7933	0.9477	0.7384	1.2409	1.0648	1.0156	0.7746
Cd-109	0.9695	0.7359	0.8757	0.6806	1.1528	0.9863	0.9373	0.7137
Cd-111m	1.7483	1.6587	1.8621	2.3955	2.4602	2.5318	3.2086	3.2780
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0007	0.0007	0.0010	0.0009	0.0011	0.0010
Cd-115	0.4847	0.4829	0.5109	0.6447	0.6972	0.6695	0.9583	1.1365
Cd-115m	0.0395	0.0415	0.0424	0.0557	0.0633	0.0560	0.0778	0.0749
Cd-117	1.5764	1.5973	1.6518	2.2004	2.4415	2.3197	3.0648	2.9530
Cd-117m	1.9879	1.9800	2.0510	2.8047	3.0656	2.7824	3.6153	3.2690
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.9436	1.9279	1.9772	2.7080	2.9819	2.8322	3.7195	3.4369
Cd-119m	2.3061	2.3131	2.4089	3.2507	3.5813	3.2520	4.1853	3.7783
Ce-130	1.9191	2.0012	2.3960	2.4776	3.0960	2.6366	3.2908	3.1840
Ce-131	2.4748	2.5091	2.8841	3.3059	3.8426	3.4512	4.2984	4.3563
Ce-132	1.7648	1.7849	2.0862	2.3842	2.8259	2.6006	2.9736	3.0103
Ce-133	1.6199	1.7079	2.3677	1.8697	2.6785	2.0506	2.6032	2.2819
Ce-133m	3.5088	3.6083	4.0449	4.6297	5.5323	4.7774	6.2800	6.3525
Ce-134	0.5566	0.6010	0.7973	0.6230	1.0104	0.6953	0.8440	0.6787
Ce-135	2.5344	2.6334	2.9250	3.4319	4.0319	3.6051	4.8511	4.9118
Ce-137	0.6593	0.6842	1.0831	0.7308	1.1260	0.7764	0.9479	0.8595
Ce-137m	0.5561	0.5922	0.7810	0.6927	0.9705	0.7263	0.9363	0.8404
Ce-139	1.3802	1.4191	1.7143	1.8123	2.2001	1.9369	2.1609	2.3520

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.5638	0.5816	0.6862	0.7637	0.8429	0.7815	0.8633	1.0364
Ce-143	1.2460	1.3257	1.5053	1.6417	2.0887	1.7289	2.3973	2.4098
Ce-144	0.1709	0.1800	0.2250	0.2148	0.2695	0.2221	0.2604	0.2693
Ce-145	2.1116	2.2365	2.5354	2.7949	3.4795	2.8188	3.7003	3.7093
Cf-244	0.1166	0.0925	0.1648	0.1115	0.1308	0.1106	0.1118	0.1342
Cf-246	0.0801	0.0636	0.1131	0.0766	0.0899	0.0760	0.0768	0.0920
Cf-247	1.7508	1.5287	2.6573	1.8805	2.1347	1.8916	2.0581	2.3129
Cf-248	0.0960	0.0763	0.1354	0.0919	0.1079	0.0913	0.0924	0.1103
Cf-249	1.2352	1.2167	1.3981	1.6107	1.8038	1.7085	2.1228	2.3117
Cf-250	0.0854	0.0704	0.1162	0.0870	0.1008	0.0868	0.0926	0.1063
Cf-251	1.3985	1.2710	2.0066	1.6403	1.8024	1.6840	1.8826	2.0567
Cf-252	0.6391	0.6305	0.6985	0.8623	0.9479	0.8752	1.1087	1.1180
Cf-253	0.2522	0.1987	0.3855	0.2401	0.2867	0.2396	0.2427	0.2882
Cf-254	20.8359	21.0652	21.9176	29.1693	31.8694	29.6565	38.2151	38.0335
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.2791	1.2293	1.3129	1.7967	1.8483	1.7337	1.9849	1.9042
Cl-36	0.0004	0.0003	0.0013	0.0004	0.0003	0.0002	0.0003	0.0006
Cl-38	1.0203	0.9302	0.9946	1.4333	1.5049	1.4148	1.6675	1.2022
Cl-39	1.6920	1.7177	1.8277	2.5153	2.6227	2.5457	3.2457	3.0118
Cl-40	2.4355	2.3962	2.4908	3.4539	3.6920	3.3771	3.9426	3.4561
Cm-238	1.1455	1.0577	1.8111	1.2889	1.4644	1.3219	1.5032	1.5906
Cm-239	2.2986	2.1441	3.1847	2.8777	3.1051	3.0323	3.3162	3.5526
Cm-240	0.1320	0.1076	0.1882	0.1310	0.1499	0.1265	0.1309	0.1656
Cm-241	2.9328	2.7233	4.1184	3.4726	3.8372	3.5185	4.3029	4.9820
Cm-242	0.1185	0.0966	0.1690	0.1175	0.1346	0.1136	0.1174	0.1486
Cm-243	1.4611	1.3353	2.2596	1.7261	1.8900	1.7452	2.0873	2.2794
Cm-244	0.1017	0.0829	0.1451	0.1010	0.1155	0.0975	0.1009	0.1277
Cm-245	1.5124	1.3902	2.3791	1.7181	1.9354	1.7543	1.9869	2.1700
Cm-246	0.0856	0.0706	0.1204	0.0867	0.0989	0.0841	0.0886	0.1099
Cm-247	0.9035	0.9293	0.9525	1.2746	1.3879	1.3346	1.6418	1.7893
Cm-248	1.7001	1.7040	1.8169	2.3490	2.5704	2.3845	3.0542	3.0604
Cm-249	0.1237	0.1021	0.3231	0.1381	0.1395	0.1074	0.1325	0.2229
Cm-250	16.4541	16.6276	17.3139	23.0283	25.1591	23.4090	30.1587	30.0086
Cm-251	0.3601	0.3502	0.4436	0.4614	0.5022	0.4693	0.6099	0.6999
Co-54m	3.3461	3.4674	3.5243	4.8073	5.3317	4.9237	6.2239	6.0099
Co-55	1.6133	1.6555	1.8265	2.2282	2.5174	2.2346	3.1089	3.0579
Co-56	3.2258	3.2482	3.7506	4.4011	4.8990	4.2940	5.5103	5.2214
Co-57	1.2506	1.1572	2.3753	1.4904	1.5471	1.3757	1.5491	2.0265
Co-58	1.4443	1.4323	1.9115	1.8013	2.0830	1.7676	2.3622	2.4035

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.1879	0.1338	0.6513	0.1805	0.1732	0.1060	0.1286	0.3197
Co-60	2.2085	2.3458	2.3978	3.2177	3.5972	3.2469	4.0805	3.7874
Co-60m	0.2261	0.1680	0.7394	0.2257	0.2220	0.1388	0.1746	0.3921
Co-61	0.8339	0.8763	1.0697	1.1523	1.3082	0.9118	1.4294	1.7005
Co-62	1.3281	1.3929	1.4208	1.9420	2.1420	1.9088	2.4794	2.2608
Co-62m	2.3748	2.4685	2.5206	3.4367	3.8174	3.4087	4.4196	4.0122
Cr-48	2.0679	2.0938	2.8620	2.6528	3.0202	2.9110	4.0031	4.2193
Cr-49	0.9718	0.9943	1.3504	1.2372	1.4149	1.2420	1.5885	1.7310
Cr-51	0.2069	0.1822	0.4649	0.2358	0.2598	0.2199	0.3175	0.4405
Cr-55	0.0006	0.0005	0.0006	0.0008	0.0009	0.0008	0.0010	0.0008
Cr-56	1.3436	1.3108	1.7051	1.2680	1.9499	1.5534	2.0571	1.8024
Cs-121	0.8097	0.8166	0.8874	1.1001	1.2271	1.1715	1.4494	1.5391
Cs-121m	1.4782	1.4669	1.5980	2.0306	2.2697	2.2108	2.6680	2.7358
Cs-123	1.2196	1.2405	1.5102	1.4849	1.8813	1.6360	2.0761	2.0035
Cs-124	0.4541	0.4645	0.4638	0.6015	0.7130	0.6616	0.8874	0.8932
Cs-125	1.0595	1.0631	1.2113	1.2796	1.6254	1.4110	1.8040	1.8280
Cs-126	0.7706	0.7879	0.8038	1.0280	1.2049	1.1033	1.3951	1.4335
Cs-127	1.6073	1.6263	1.7714	1.9702	2.5132	2.2023	2.6761	2.6707
Cs-128	0.5618	0.5657	0.6112	0.6973	0.8683	0.7658	0.9808	1.0179
Cs-129	1.5041	1.5186	1.6716	1.7259	2.4132	2.0257	2.4666	2.3171
Cs-130m	1.1473	1.1811	1.5145	1.1985	1.8527	1.3912	1.7585	1.5302
Cs-130	0.3933	0.3878	0.4574	0.3987	0.6319	0.4923	0.5791	0.4876
Cs-131	0.5759	0.5653	0.6867	0.5378	0.9398	0.7014	0.7908	0.6036
Cs-132	1.7612	1.8133	1.9393	2.2418	2.7789	2.3897	2.8885	2.8936
Cs-134	2.6775	2.7745	2.8391	3.6648	4.0594	3.6817	4.8124	5.1282
Cs-134m	0.4348	0.4161	0.7545	0.4674	0.6329	0.4860	0.5573	0.5920
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5109	2.5844	2.6647	3.2425	3.8107	3.2980	4.4463	4.2183
Cs-136	3.3858	3.5379	3.6272	4.6403	5.3476	4.7791	6.5815	6.4447
Cs-137	1.0970	1.0878	1.0835	1.1169	1.6104	1.6014	1.5898	1.6179
Cs-138m	0.9848	0.9816	1.1550	1.2554	1.5492	1.3785	1.6629	1.5816
Cs-138	2.3783	2.3855	2.4842	3.3718	3.6838	3.4143	4.3964	4.1096
Cs-139	0.2420	0.2438	0.2521	0.3471	0.3746	0.3436	0.4164	0.3756
Cs-140	1.6486	1.6545	1.7037	2.3576	2.5118	2.3085	2.8915	2.8209
Cu-57	0.1185	0.1258	0.1283	0.1711	0.1933	0.1693	0.2321	0.2194
Cu-59	0.5698	0.5903	0.6094	0.7894	0.8901	0.8160	1.0816	1.0794
Cu-60	2.4694	2.4347	2.5901	3.4407	3.7778	3.4487	4.1933	3.6769
Cu-61	0.5097	0.4997	0.7868	0.6886	0.7313	0.6521	0.8852	1.0353
Cu-62	0.0125	0.0112	0.0270	0.0153	0.0162	0.0129	0.0168	0.0217
Cu-64	0.1177	0.0855	0.3956	0.1157	0.1119	0.0711	0.0862	0.1997

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1138	0.1213	0.1222	0.1661	0.1902	0.1647	0.2431	0.2271
Cu-67	0.7724	0.7409	1.0606	1.0408	1.1151	1.1220	1.2629	1.3284
Cu-69	0.7006	0.7309	0.7455	0.9872	1.1169	0.9899	1.3969	1.3624
Dy-148	1.7528	1.8607	2.1700	2.3479	2.8242	2.3369	2.9690	3.3530
Dy-149	2.8613	2.9309	3.6388	3.6527	4.5172	3.7157	4.8393	4.7255
Dy-150	1.0867	1.1405	1.3237	1.4118	1.7566	1.4670	1.8286	2.0041
Dy-151	2.7007	2.7604	3.3386	3.5191	4.2242	3.5896	4.7158	4.9619
Dy-152	1.7804	1.8274	2.2619	2.4898	2.7658	2.4984	3.5185	3.6572
Dy-153	3.0550	3.1741	4.0681	3.8271	4.8963	3.9512	5.2722	5.5035
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.1519	2.1989	2.6908	2.8984	3.4264	2.9831	3.8869	3.9632
Dy-157	1.6515	1.7517	2.0031	2.0333	2.7164	2.2822	3.3020	3.5533
Dy-159	0.7817	0.8338	1.2281	0.8467	1.3288	0.8574	1.1618	1.2956
Dy-165m	0.2311	0.2084	0.5329	0.2488	0.2989	0.2161	0.2822	0.4054
Dy-165	0.1590	0.1643	0.2324	0.1856	0.2454	0.1925	0.2591	0.2828
Dy-166	0.6610	0.6719	1.0814	0.6957	1.0092	0.7034	0.9731	1.1243
Dy-167	1.6612	1.7076	1.9148	2.3063	2.5229	2.3680	3.3234	3.6712
Dy-168	1.4557	1.4612	1.7820	1.9329	2.2022	2.0064	2.5324	2.9105
Er-154	1.0025	0.9704	1.5288	0.9572	1.5046	1.0544	1.3374	1.5238
Er-156	1.2225	1.1985	2.3044	1.2982	1.8335	1.2468	1.6356	2.0209
Er-159	2.1644	2.2227	2.6920	2.8489	3.3639	2.8759	3.6701	4.0171
Er-161	2.3298	2.3869	2.9766	2.8988	3.6079	2.9525	3.9431	4.0934
Er-163	0.6851	0.7123	1.0721	0.7225	1.0921	0.7304	1.0052	1.2000
Er-165	0.6623	0.6871	1.0457	0.6974	1.0527	0.7032	0.9674	1.1593
Er-167m	0.6387	0.6035	0.8669	0.8648	0.9539	0.9209	1.0680	1.1168
Er-169	0.0054	0.0039	0.0188	0.0052	0.0050	0.0031	0.0037	0.0093
Er-171	1.7931	1.8406	2.2675	2.2816	2.7186	2.4836	3.5635	3.8895
Er-172	1.7277	1.7816	2.1497	2.2558	2.6392	2.2482	2.9184	3.4416
Er-173	2.7526	2.7246	3.4441	3.6348	4.1517	3.8193	4.6538	4.7519
Es-249	2.0933	1.9846	2.7631	2.5245	2.8394	2.6167	3.0615	3.2728
Es-250	6.2880	5.7376	8.3505	7.1538	8.2357	7.3777	8.6748	9.1850
Es-250m	1.8700	1.7608	2.5111	2.2448	2.5433	2.2823	2.7289	2.7900
Es-251	1.5453	1.3706	2.3115	1.7200	1.9102	1.7213	1.8622	2.1014
Es-253	0.0313	0.0251	0.0473	0.0305	0.0356	0.0299	0.0308	0.0377
Es-254	1.0886	0.8677	1.8319	1.0749	1.2211	0.9982	1.0480	1.3875
Es-254m	1.2064	1.1647	1.4035	1.5238	1.7112	1.5394	1.8222	1.9855
Es-255	0.0008	0.0009	0.0009	0.0012	0.0013	0.0012	0.0016	0.0015
Es-256	0.1569	0.1227	0.2150	0.1420	0.1803	0.1525	0.1515	0.1651
Eu-142	0.3019	0.3046	0.3360	0.4018	0.4727	0.4033	0.5096	0.4553
Eu-142m	4.0917	4.2332	4.5942	5.6321	6.3506	5.6170	7.7994	8.0702

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.4900	0.5021	0.6096	0.6507	0.8155	0.6516	0.8288	0.7284
Eu-144	0.2370	0.2343	0.2805	0.3127	0.3864	0.3182	0.3898	0.3195
Eu-145	2.0518	2.1281	2.4639	2.7140	3.3773	2.7118	3.5976	3.3565
Eu-146	3.8080	3.9802	4.3062	5.2265	6.0738	5.2090	6.6032	6.6480
Eu-147	1.6761	1.7706	2.2414	2.1920	2.8405	2.2329	2.7909	2.7395
Eu-148	4.3385	4.5356	4.9016	6.0471	6.8531	6.0572	7.9867	8.7574
Eu-149	0.7378	0.7844	1.2223	0.8730	1.3013	0.8568	1.1443	1.1856
Eu-150	3.8086	4.0004	4.2424	5.1573	6.0946	5.4225	7.4186	8.0233
Eu-150m	0.1458	0.1566	0.1821	0.1898	0.2503	0.1995	0.2684	0.2750
Eu-152	2.3105	2.4350	2.8272	3.1018	3.7831	3.1671	4.2059	4.1275
Eu-152m	0.6369	0.6761	0.8018	0.8308	1.0578	0.8345	1.1365	1.0950
Eu-152n	1.0254	1.0200	1.8457	1.1244	1.4862	1.1547	1.5451	1.5522
Eu-154	2.0282	2.1200	2.4113	2.7763	3.1735	2.7847	3.6249	3.6184
Eu-154m	1.1391	1.1253	2.1335	1.3412	1.6934	1.2076	1.6293	1.8766
Eu-155	0.7325	0.7555	1.1711	0.8254	1.1129	0.8775	1.1620	1.1147
Eu-156	1.3829	1.4057	1.5720	1.8937	2.1573	1.8813	2.4288	2.2442
Eu-157	1.4028	1.4591	1.9430	1.8062	2.2436	1.7317	2.3422	2.7084
Eu-158	1.7989	1.8704	2.0873	2.4410	2.8767	2.4372	3.3903	3.2295
Eu-159	1.5124	1.6011	2.0935	1.8387	2.4787	1.8245	2.4569	2.5912
F-17	0.0004	0.0004	0.0005	0.0006	0.0007	0.0006	0.0008	0.0008
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.0496	1.0145	1.2894	1.5088	1.4715	1.5555	1.6441	2.1225
Fe-53	0.4629	0.4796	0.4722	0.6492	0.7241	0.6976	0.8924	0.9610
Fe-53m	3.3940	3.5500	3.6162	4.8650	5.4196	4.8519	6.3860	6.0925
Fe-55	0.1557	0.1108	0.5402	0.1496	0.1433	0.0876	0.1065	0.2651
Fe-59	1.1579	1.2357	1.2575	1.6939	1.9012	1.7020	2.2346	2.1060
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.5865	1.6544	1.6905	2.2814	2.5512	2.3229	3.1742	3.0022
Fe-62	1.1934	1.1957	1.2711	1.6032	1.6969	1.6410	2.4691	3.0383
Fm-251	1.4026	1.2696	2.1199	1.5970	1.7767	1.6054	1.7863	2.0099
Fm-252	0.0829	0.0651	0.1142	0.0776	0.0940	0.0799	0.0798	0.0900
Fm-253	1.2905	1.1022	1.9104	1.3726	1.5582	1.3825	1.4762	1.6662
Fm-254	0.0921	0.0743	0.1241	0.0901	0.1077	0.0927	0.0960	0.1062
Fm-255	0.8893	0.7102	1.3599	0.8753	1.0092	0.8472	0.8719	1.0699
Fm-256	15.4911	15.6687	16.3019	21.6806	23.6927	22.0496	28.4138	28.3073
Fm-257	1.5708	1.4001	2.2089	1.8014	1.9913	1.8348	2.0393	2.2219
Fr-212	2.5754	2.5706	3.3896	3.3288	3.7540	3.3846	4.3105	4.4648
Fr-219	0.0126	0.0129	0.0142	0.0165	0.0189	0.0179	0.0245	0.0273
Fr-220	0.1972	0.1842	0.3231	0.2114	0.2544	0.2054	0.2586	0.3216
Fr-221	0.1805	0.1732	0.2166	0.2514	0.2644	0.2677	0.3249	0.3222

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.1607	1.0769	1.5452	1.5212	1.6159	1.5918	1.8006	1.8888
Fr-223	0.8578	0.8340	1.1758	0.9102	1.1994	0.9493	1.2154	1.4122
Fr-224	1.3132	1.2775	1.5696	1.7708	1.9102	1.8291	2.2072	2.2192
Fr-227	2.0603	2.0591	2.8092	2.5804	2.9605	2.6113	3.3903	3.6811
Ga-64	1.8310	1.8403	1.9086	2.5702	2.8406	2.5044	3.2613	2.9609
Ga-65	1.1364	1.1047	1.8930	1.4346	1.5575	1.3588	1.6692	1.9451
Ga-66	1.3375	1.3108	1.7541	1.8534	1.9802	1.6989	2.1785	2.1604
Ga-67	1.3485	1.2231	2.7573	1.5974	1.7481	1.5394	1.9445	2.3795
Ga-68	0.0805	0.0721	0.1776	0.0983	0.1051	0.0827	0.1128	0.1457
Ga-70	0.0122	0.0122	0.0168	0.0172	0.0187	0.0168	0.0226	0.0239
Ga-72	2.8194	2.8460	2.9477	3.9009	4.3061	3.8514	5.0011	4.5439
Ga-73	1.6756	1.5844	2.9120	2.0969	2.3032	2.0800	3.0135	3.6636
Ga-74	3.0212	3.0352	3.1364	4.3516	4.5883	4.2483	5.3613	5.2530
Gd-142	1.0751	1.1112	1.2873	1.4560	1.7339	1.4921	1.9337	1.9750
Gd-143m	2.9968	3.0925	3.5129	4.1343	4.7550	4.2072	5.7023	5.6636
Gd-144	0.7122	0.7494	0.9163	0.9301	1.1981	0.9285	1.2161	1.1670
Gd-145m	1.3019	1.3224	1.6338	1.6933	1.9533	1.6901	2.1609	2.3145
Gd-145	1.9907	1.9307	2.2026	2.6639	3.1177	2.6499	3.2825	2.7334
Gd-146	2.6041	2.7527	3.8994	3.1960	4.2356	3.2408	3.9595	4.2418
Gd-147	3.4749	3.6079	4.0392	4.7994	5.5860	4.9198	6.4929	6.5473
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	2.2496	2.3726	2.8030	2.9375	3.6464	3.0543	4.0351	4.3947
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.8879	0.9202	1.4642	1.0504	1.4811	1.0284	1.3236	1.4549
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.4517	1.5443	2.4093	1.6806	2.4400	1.7205	2.2366	2.1869
Gd-159	0.2964	0.3137	0.3855	0.3636	0.4879	0.3812	0.5174	0.5688
Gd-162	1.1597	1.1839	1.3052	1.6028	1.7612	1.6549	2.1311	2.4335
Ge-66	1.8931	1.8246	3.1107	2.4120	2.6979	2.3398	3.0684	3.6770
Ge-67	1.2223	1.2062	1.3759	1.7479	1.7747	1.7988	2.0245	2.3726
Ge-68	0.3835	0.2738	1.3219	0.3687	0.3542	0.2175	0.2640	0.6532
Ge-69	1.1529	1.1105	1.9451	1.5055	1.6420	1.3919	1.8832	2.1605
Ge-71	0.3890	0.2777	1.3408	0.3739	0.3593	0.2206	0.2678	0.6625
Ge-75	0.1522	0.1529	0.1657	0.2332	0.2273	0.2391	0.3360	0.3430
Ge-77	2.6036	2.6167	2.7759	3.8227	3.9667	3.9720	5.1373	5.2463
Ge-78	1.1264	1.1514	1.1905	1.6793	1.7090	1.7752	2.6049	2.6823
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.1948	1.2300	1.5213	1.5116	1.8440	1.5842	2.3575	2.7275
Hf-169	1.9601	1.9687	2.5683	2.5028	2.8553	2.4028	3.5131	4.4022
Hf-170	2.4271	2.4130	3.6486	3.0881	3.5113	2.8865	3.7964	4.8042

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	1.8788	1.7811	3.2782	2.0904	2.6057	1.8474	2.5038	3.3271
Hf-173	2.6355	2.6724	3.6528	3.3625	3.8492	3.2845	4.3841	5.1819
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	1.8667	1.9098	2.4999	2.3589	2.8553	2.3655	3.3966	4.0056
Hf-177m	10.4944	10.5115	13.1198	14.4952	15.7650	14.9011	20.0786	22.1730
Hf-178m	8.0406	8.0314	9.9375	10.9363	11.9306	11.3001	15.2212	16.9177
Hf-179m	4.3374	4.3155	5.7756	5.8403	6.3504	5.7430	7.5511	8.9748
Hf-180m	4.0088	4.0168	4.9292	5.4402	6.0333	5.6008	7.6082	8.5414
Hf-181	1.9445	1.9431	2.4836	2.5747	2.7683	2.5268	3.4592	4.2682
Hf-182	1.1801	1.1906	1.4040	1.7362	1.7486	1.7394	2.4826	2.6705
Hf-182m	3.4505	3.4537	4.6124	4.5850	5.1084	4.4967	6.1411	7.0737
Hf-183	1.9399	1.9897	2.2774	2.5000	2.9163	2.4359	3.3778	3.6170
Hf-184	1.8444	1.7244	3.4574	2.2670	2.4787	2.0737	2.6226	3.5484
Hg-190	2.1660	2.1153	3.3785	2.7181	2.9821	2.4392	3.1504	4.0624
Hg-191m	4.2645	4.2519	5.5958	5.8424	6.2647	5.5978	7.7274	8.5375
Hg-192	2.3569	2.3103	3.6060	3.0269	3.3384	2.7722	3.9537	4.6941
Hg-193	2.5099	2.4674	3.5821	3.2410	3.6503	3.0087	4.0920	4.5921
Hg-193m	2.4891	2.5030	3.2498	3.3065	3.7094	3.1577	4.2788	4.7680
Hg-194	0.2397	0.1850	0.6751	0.2322	0.2400	0.1635	0.1940	0.4075
Hg-195	1.5144	1.4591	2.5697	1.8339	2.0947	1.5499	2.2030	2.8059
Hg-195m	1.7220	1.5997	3.1325	2.1061	2.2656	1.8391	2.5501	3.3137
Hg-197	1.3357	1.2837	2.3541	1.5391	1.8290	1.2998	1.8933	2.4079
Hg-197m	1.1946	1.1239	2.1262	1.4138	1.5584	1.2536	1.6276	2.1577
Hg-199m	1.6032	1.5679	2.3847	2.0254	2.2203	1.8974	2.4055	3.1204
Hg-203	1.0914	1.1101	1.2445	1.5588	1.6382	1.6235	2.3820	2.4924
Hg-205	0.0316	0.0299	0.0379	0.0442	0.0474	0.0476	0.0545	0.0537
Hg-206	0.4899	0.5060	0.5612	0.6452	0.7521	0.7021	1.0453	1.1233
Hg-207	3.3101	3.2975	3.5187	4.5633	5.1575	4.7090	6.3287	5.8642
Ho-150	1.8205	1.8847	1.9926	2.3901	2.7846	2.4129	3.2161	3.2410
Ho-153	1.8356	1.9173	2.1803	2.4232	2.9019	2.5497	3.5986	3.8183
Ho-153m	2.1074	2.1622	2.6984	2.7574	3.2330	2.8406	3.7250	4.0818
Ho-154m	4.8373	5.0166	5.2172	6.5265	7.4814	6.9025	9.5001	10.4999
Ho-154	2.4816	2.5775	2.6710	3.3374	3.9187	3.5756	4.9484	5.1823
Ho-155	1.6989	1.7299	2.3345	2.1394	2.6465	2.1893	2.8844	3.1263
Ho-156	3.3621	3.4343	3.9569	4.5979	5.1560	4.6585	6.1235	6.2879
Ho-157	2.5428	2.6315	3.3867	3.1575	4.0182	3.2688	4.4281	4.8662
Ho-159	2.6407	2.7276	3.6785	3.2215	4.0911	3.3129	4.3273	4.7745
Ho-160	3.5816	3.7194	4.3791	4.6681	5.6535	4.7199	6.3600	6.5254
Ho-161	1.1143	1.0890	1.7087	1.0882	1.6960	1.1904	1.5104	1.6870
Ho-162	0.9263	0.9648	1.4539	1.0089	1.4913	1.0220	1.3856	1.5598

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	1.8875	1.9130	2.7743	2.3468	2.9265	2.3570	3.0751	3.4163
Ho-163	0.0062	0.0044	0.0217	0.0060	0.0058	0.0035	0.0043	0.0106
Ho-164	0.5107	0.5298	0.8343	0.5450	0.8181	0.5457	0.7460	0.8672
Ho-164m	0.9903	0.9653	1.9439	1.0450	1.4578	0.9584	1.2967	1.7066
Ho-166	0.2148	0.2095	0.3845	0.2270	0.3062	0.2212	0.3062	0.3604
Ho-166m	3.9742	4.0197	4.5826	5.3313	5.9812	5.5055	7.0575	7.4385
Ho-167	1.3535	1.4017	1.5088	1.7788	2.1182	1.9763	2.7762	3.0053
Ho-168	1.6444	1.6733	1.9400	2.1122	2.4704	2.1370	2.8024	2.8281
Ho-168m	0.2003	0.1785	0.4868	0.2028	0.2582	0.1678	0.2227	0.3465
Ho-170	3.5317	3.6217	4.2680	4.7733	5.4495	4.8192	6.6226	6.7190
I-118m	4.7972	5.0140	5.0887	6.8213	7.4632	6.8754	8.8743	9.6293
I-118	1.6742	1.7297	1.7676	2.3704	2.5781	2.3895	3.0575	3.3068
I-119	1.6213	1.5990	1.7496	2.2305	2.4149	2.3706	3.2085	3.1655
I-120	2.1703	2.1509	2.2509	2.9492	3.2614	2.9995	3.7756	3.8071
I-120m	4.2595	4.3771	4.4965	5.9942	6.5172	6.0426	7.7781	8.4816
I-121	1.6672	1.5614	1.7380	2.0728	2.5165	2.4421	2.7895	2.5615
I-122	0.4121	0.4045	0.4322	0.4933	0.6147	0.5463	0.6873	0.7193
I-123	1.5720	1.5011	1.6645	1.8089	2.2624	2.1093	2.2521	2.5552
I-124	1.6545	1.6269	1.7226	2.0604	2.5088	2.2408	2.7016	2.6692
I-125	1.2071	1.0914	1.2600	0.9629	1.8097	1.4111	1.5074	1.1629
I-126	1.1785	1.1828	1.2192	1.4677	1.8071	1.6200	1.9555	1.9993
I-128	0.2045	0.2033	0.2124	0.2576	0.3052	0.2816	0.3660	0.4036
I-129	0.5948	0.5941	0.7105	0.5695	0.9953	0.7283	0.8316	0.6357
I-130m	0.3720	0.3593	0.4633	0.4318	0.5440	0.4711	0.6110	0.6723
I-130	3.9173	4.0573	4.1446	5.4466	5.9369	5.4854	7.2272	7.9993
I-131	2.7829	2.7718	2.7411	2.8142	4.0756	4.1419	4.0096	4.1663
I-132	3.5460	3.6802	3.7529	4.9115	5.4459	4.9275	6.3944	6.6139
I-132m	1.0045	0.9783	1.2232	1.2193	1.4690	1.2974	1.5539	1.6302
I-133	1.2390	1.2613	1.3193	1.7006	1.8186	1.7261	2.4676	2.9149
I-134m	1.6827	1.6737	1.8348	2.1005	2.5988	2.3732	3.1692	3.0163
I-134	3.7090	3.8260	3.9254	5.0714	5.7610	5.1216	6.9396	6.7392
I-135	1.5806	1.6122	1.6632	2.2543	2.4945	2.2858	2.9320	2.6938
In-103	2.4782	2.4462	2.5518	3.4214	3.7634	3.5536	4.2945	4.1270
In-105	2.1422	2.1096	2.2665	2.8320	3.1419	2.9483	3.6251	3.6172
In-106	4.2960	4.4461	4.5302	5.9982	6.7097	6.0428	8.1170	8.2625
In-106m	2.0346	2.0331	2.0773	2.8785	3.0951	2.8496	3.4206	3.3829
In-107	2.0820	1.9430	2.0611	2.6263	3.0501	2.9184	3.4757	3.2125
In-108	5.6460	5.7145	5.8834	7.7101	8.7044	7.9371	10.3745	10.0931
In-108m	2.1825	2.1142	2.1713	2.8998	3.2379	2.9425	3.4314	3.3458
In-109	2.0333	1.8524	2.0035	2.4432	2.9464	2.8564	3.1873	2.9228

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.1041	1.1575	1.1613	1.5851	1.7130	1.5794	1.9224	2.1248
In-110	5.3085	5.3740	5.5038	6.9761	8.1200	7.2071	9.4086	9.3409
In-110m	1.5674	1.5652	1.6010	2.0733	2.3468	2.1351	2.5470	2.6371
In-111	2.7507	2.5516	2.8260	3.5719	3.8435	3.9296	4.6302	4.7870
In-111m	1.1058	1.1056	1.1604	1.4659	1.5976	1.5185	2.1341	2.5473
In-112	0.2982	0.2495	0.2725	0.2560	0.3902	0.3403	0.3543	0.3178
In-112m	0.6344	0.5284	0.5858	0.5143	0.8290	0.7333	0.7292	0.6911
In-113m	0.9099	0.8903	0.8858	1.1239	1.3625	1.2744	1.4999	1.5601
In-114	0.0056	0.0049	0.0053	0.0055	0.0077	0.0068	0.0075	0.0069
In-114m	0.5617	0.4845	0.5519	0.5528	0.7699	0.7139	0.7501	0.7024
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.7726	0.7343	0.7195	0.8305	1.1403	1.0634	1.3940	1.3953
In-116m	2.4660	2.5566	2.6158	3.5285	3.9174	3.5604	4.5221	4.2435
In-117	2.1132	2.1280	2.2458	2.9378	3.0409	3.0190	3.7398	4.6946
In-117m	0.5348	0.5086	0.5162	0.6050	0.7690	0.7415	0.9183	0.9990
In-118m	3.0812	3.2712	3.3157	4.4601	4.9783	4.4533	5.8864	5.7424
In-118	0.0733	0.0781	0.0797	0.1060	0.1177	0.1062	0.1355	0.1327
In-119	1.4190	1.4175	1.5258	1.7485	2.0856	1.8209	2.3201	2.2723
In-119m	0.1597	0.1466	0.1734	0.1677	0.2282	0.2000	0.2472	0.2353
In-121	1.3428	1.4035	1.4305	1.8804	2.1440	1.8829	2.7043	2.5732
In-121m	0.5448	0.4966	0.5516	0.5194	0.7896	0.6116	0.7398	0.7461
Ir-180	2.9073	2.9378	3.7949	4.0142	4.2969	3.7959	5.1903	5.8723
Ir-182	2.7340	2.7337	3.7089	3.7776	4.0053	3.5432	4.8400	5.4434
Ir-183	3.0008	2.9267	4.3783	4.0509	4.3604	3.5703	4.9013	5.6955
Ir-184	4.3470	4.3396	5.7743	6.0428	6.4287	5.6461	7.7431	8.5585
Ir-185	2.7712	2.6270	4.6157	3.6483	3.8778	3.0593	4.1831	5.1741
Ir-186	4.0870	4.0971	5.3365	5.5954	6.0455	5.2837	7.2088	8.2305
Ir-186m	2.4716	2.4712	3.2924	3.3601	3.6562	3.0645	4.1208	4.6186
Ir-187	1.8357	1.7853	3.0793	2.4242	2.6144	1.9453	2.8093	3.6971
Ir-188	3.1791	3.0862	4.1246	4.3912	4.6398	3.9561	5.1211	5.6071
Ir-189	1.2542	1.1860	2.3720	1.6239	1.7191	1.2047	1.7732	2.5039
Ir-190	4.5464	4.5649	5.6357	6.3469	6.7628	6.1351	8.1082	9.5796
Ir-190m	0.2190	0.1592	0.7248	0.2107	0.2060	0.1296	0.1565	0.3732
Ir-190n	0.9937	0.9565	1.8092	1.2945	1.3957	0.9481	1.4045	1.9825
Ir-191m	1.1779	1.0988	2.2811	1.4463	1.5417	1.1289	1.5338	2.2032
Ir-192	2.4904	2.5773	2.6236	3.3846	3.8422	3.7152	5.4793	6.0567
Ir-192m	0.2590	0.1961	0.7736	0.2497	0.2540	0.1682	0.2013	0.4420
Ir-192n	0.5453	0.4153	1.6106	0.5286	0.5390	0.3583	0.4305	0.9328
Ir-193m	0.2218	0.1632	0.7181	0.2152	0.2121	0.1345	0.1639	0.3795
Ir-194	0.2246	0.2352	0.2311	0.3073	0.3556	0.3414	0.4963	0.5248

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	5.6432	5.8257	6.0878	7.7573	8.5700	8.1089	11.2388	12.7571
Ir-195	0.9846	0.9379	1.8099	1.1905	1.3430	0.9765	1.3820	1.8032
Ir-195m	1.6652	1.6552	2.3159	2.2002	2.4271	2.1179	2.8956	3.3906
Ir-196	0.4939	0.5101	0.5176	0.6657	0.7624	0.7078	0.9661	1.0137
Ir-196m	6.1351	6.2846	6.8915	8.4572	9.2357	8.6698	11.5125	13.1367
K-38	1.3707	1.2458	1.3225	1.9505	1.9874	1.8336	2.1790	1.5408
K-40	0.1357	0.1316	0.1482	0.1900	0.2095	0.1972	0.2325	0.1936
K-42	0.2418	0.2296	0.2453	0.3373	0.3724	0.3568	0.4205	0.3300
K-43	2.1410	2.2423	2.2011	3.0873	3.3477	3.1960	4.0681	4.5049
K-44	1.8270	1.8512	1.8987	2.6315	2.8633	2.5708	3.2708	2.9100
K-45	2.0591	1.9743	2.1106	2.9520	3.0773	3.0353	3.4881	3.2487
K-46	1.7430	1.7741	1.8108	2.5032	2.7252	2.4652	2.8683	2.6223
Kr-74	1.6064	1.5768	2.1791	2.0693	2.2983	2.1274	2.7205	2.9719
Kr-75	1.2819	1.2722	1.5876	1.6886	1.7615	1.7065	1.9216	2.3025
Kr-76	2.1193	2.0924	2.7341	2.6522	3.0255	2.7584	3.7644	4.4165
Kr-77	1.2643	1.2649	1.5824	1.6694	1.7192	1.6839	1.8862	2.3023
Kr-79	0.9992	0.9441	1.4345	1.2147	1.3221	1.1820	1.4975	1.9143
Kr-81	0.5279	0.4583	0.9492	0.5149	0.5954	0.4571	0.5332	0.9038
Kr-81m	0.8380	0.7843	0.9164	1.1639	1.2133	1.2751	1.3453	1.4576
Kr-83m	0.2266	0.1924	0.4496	0.2213	0.2503	0.1888	0.2195	0.3847
Kr-85	0.0052	0.0052	0.0055	0.0070	0.0074	0.0071	0.0106	0.0130
Kr-85m	0.9204	0.9285	1.0121	1.2837	1.2959	1.3320	1.5284	1.9601
Kr-87	0.9520	0.9667	0.9731	1.3594	1.4611	1.3672	1.6768	1.6558
Kr-88	1.7546	1.6826	1.7860	2.4837	2.6227	2.4809	2.9578	2.5041
Kr-89	2.0675	2.0640	2.1392	2.9174	3.1496	2.9487	3.7358	3.6460
La-128	3.6612	3.7715	3.8958	5.1752	5.6734	5.3436	7.4207	7.7202
La-129	1.4011	1.4458	1.6809	1.8617	2.1984	1.9925	2.6426	2.6286
La-130	2.6116	2.7005	2.7488	3.5866	4.1010	3.7728	5.1073	5.2720
La-131	1.7908	1.8546	2.2092	2.3013	2.8480	2.4958	3.1992	3.1475
La-132	2.4595	2.4890	2.6634	3.3245	3.7752	3.4102	4.5250	4.7035
La-132m	1.8698	1.9306	2.2411	2.4911	2.8850	2.5698	3.2914	3.5176
La-133	0.7428	0.7664	1.1035	0.8503	1.2330	0.9254	1.1489	1.0526
La-134	0.2954	0.3119	0.3766	0.3532	0.5064	0.3891	0.4723	0.4080
La-135	0.5829	0.6227	0.7931	0.6423	1.0361	0.7407	0.8922	0.7020
La-136	0.4034	0.4302	0.5410	0.4491	0.7118	0.5133	0.6197	0.4864
La-137	0.5427	0.5803	0.7495	0.5919	0.9697	0.6852	0.8184	0.6293
La-138	1.5289	1.5475	1.7159	2.0083	2.4218	2.1114	2.5776	2.2179
La-140	2.7278	2.6593	2.7975	3.7165	4.1302	3.9043	5.0576	4.6842
La-141	0.0222	0.0226	0.0235	0.0318	0.0351	0.0325	0.0387	0.0338
La-142	1.9078	1.9016	1.9597	2.7482	2.9073	2.6530	3.2515	2.9903

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.2664	0.2686	0.2766	0.3790	0.4113	0.3760	0.4751	0.4467
Lu-165	2.6259	2.6376	3.5294	3.3390	3.9291	3.2971	4.2863	4.8134
Lu-167	3.1737	3.1178	4.0651	4.0893	4.7584	4.0793	5.2469	5.4665
Lu-169m	0.1572	0.1120	0.5438	0.1511	0.1450	0.0888	0.1078	0.2677
Lu-169	2.8312	2.8476	3.7624	3.6513	4.3239	3.5817	4.7434	5.1272
Lu-170	2.9825	2.9683	3.7653	3.9222	4.5225	3.7806	4.9030	4.9347
Lu-171m	0.1695	0.1224	0.5764	0.1642	0.1592	0.0981	0.1206	0.2898
Lu-171	2.6358	2.5879	4.0177	3.1029	3.7889	2.9060	3.8901	4.6655
Lu-172	3.9744	4.0414	5.1432	5.2001	6.0981	5.1312	7.0096	7.4321
Lu-172m	0.1413	0.1007	0.4890	0.1358	0.1303	0.0798	0.0969	0.2406
Lu-173	2.0093	2.0312	3.0430	2.3686	3.0000	2.2497	3.1912	3.8753
Lu-174	0.9937	0.9878	1.6893	1.1189	1.4538	1.0089	1.4241	1.8507
Lu-174m	1.1762	1.1087	2.3999	1.3364	1.6197	1.0805	1.5273	2.2004
Lu-176	2.3661	2.3240	2.9941	3.2049	3.5813	3.4672	4.5933	4.8804
Lu-176m	0.2645	0.2462	0.5549	0.2943	0.3496	0.2519	0.3500	0.4610
Lu-177	0.2533	0.2421	0.3726	0.3416	0.3658	0.3444	0.4116	0.4439
Lu-177m	5.3218	5.2787	6.9297	7.2954	7.8976	7.3374	9.4024	10.5670
Lu-178	0.2733	0.2657	0.4606	0.3425	0.3914	0.3219	0.4136	0.4598
Lu-178m	4.5802	4.6111	5.7555	6.0713	6.9106	6.4223	8.6113	9.2469
Lu-179	0.1455	0.1393	0.1635	0.2174	0.2202	0.2320	0.2729	0.2671
Lu-180	2.4428	2.4962	2.9645	3.4087	3.7922	3.4492	4.4620	4.5700
Lu-181	1.9134	1.8909	2.7796	2.5148	2.7859	2.4239	3.1708	3.7116
Mg-27	1.2608	1.3129	1.3400	1.7071	1.9845	1.7175	2.4240	2.2827
Mg-28	2.0316	2.1047	2.1134	2.6885	3.3058	2.8921	3.6056	3.2397
Mn-50m	4.0129	4.1490	4.2646	5.5870	6.3090	5.6485	7.3062	6.8229
Mn-51	0.0101	0.0092	0.0196	0.0123	0.0132	0.0108	0.0138	0.0170
Mn-52	3.7653	3.8338	4.1916	5.1781	5.8509	5.2261	6.8247	6.4008
Mn-52m	1.2183	1.2052	1.2744	1.7257	1.9082	1.7957	2.1240	1.7814
Mn-53	0.1267	0.0902	0.4399	0.1218	0.1167	0.0714	0.0867	0.2159
Mn-54	1.3978	1.4010	1.7878	1.7790	2.0584	1.7513	2.3841	2.3874
Mn-56	1.8602	1.8408	1.9105	2.4911	2.8135	2.4951	3.2712	2.8679
Mn-57	0.5261	0.4762	0.9869	0.6197	0.6555	0.5612	0.6639	0.8919
Mn-58m	2.7442	2.8019	2.8970	3.7267	4.2076	3.7862	4.8792	4.6197
Mo-101	2.0607	2.0484	2.2634	2.8627	3.1252	2.9114	3.7285	3.7162
Mo-102	0.1011	0.0979	0.1091	0.1474	0.1473	0.1568	0.1773	0.1890
Mo-89	0.2703	0.2761	0.2855	0.3779	0.4161	0.3750	0.4756	0.4564
Mo-90	2.7719	2.6697	3.1039	3.7750	3.8564	3.8070	4.7297	4.8801
Mo-91m	1.1399	1.1667	1.2000	1.6311	1.7735	1.6413	1.9947	1.9646
Mo-91	0.0510	0.0441	0.0516	0.0612	0.0650	0.0602	0.0629	0.0605
Mo-93	0.5912	0.4981	0.6026	0.6736	0.7125	0.6572	0.6567	0.6810

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.3183	3.3018	3.4830	4.6904	5.0142	4.7849	5.9789	5.7205
Mo-99	0.3594	0.3587	0.3802	0.4751	0.5282	0.4912	0.5890	0.6104
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7775	0.8989	0.8482	0.9760	1.2511	1.0523	1.0321	1.1875
Na-22	1.0498	1.1341	1.1563	1.5385	1.7108	1.5493	1.8628	1.7712
Na-24	2.4272	2.4267	2.5277	3.4946	3.6912	3.3527	3.9122	3.4242
Nb-87	1.6001	1.4808	1.6902	2.2466	2.3062	2.4288	2.5431	2.5170
Nb-88m	4.2690	4.4242	4.4960	6.1043	6.7483	6.1387	8.2700	8.2198
Nb-88	5.2693	5.4620	5.6187	7.4209	8.2304	7.4481	10.2978	10.5100
Nb-89	0.5594	0.5299	0.5734	0.7515	0.8015	0.7327	0.8540	0.7960
Nb-89m	1.1933	1.1845	1.2689	1.5849	1.6858	1.6097	2.3216	2.7957
Nb-90	3.6952	3.6369	3.9126	5.2223	5.4768	5.0625	6.1609	5.6858
Nb-91	0.6011	0.5252	0.6317	0.7134	0.7397	0.6793	0.6987	0.7850
Nb-91m	0.5290	0.4522	0.5510	0.6108	0.6481	0.5961	0.6072	0.6293
Nb-92	2.9891	3.0112	3.1731	4.0685	4.4590	4.0393	5.4791	5.8367
Nb-92m	1.8747	1.8604	1.9864	2.4927	2.7980	2.4558	3.2894	3.2051
Nb-93m	0.1143	0.0951	0.1379	0.1287	0.1353	0.1223	0.1232	0.1365
Nb-94m	0.4099	0.3463	0.4266	0.4677	0.4957	0.4554	0.4591	0.4782
Nb-94	2.4275	2.5276	2.5730	3.3053	3.7569	3.3152	4.4226	4.3840
Nb-95	1.2514	1.2886	1.3236	1.6290	1.8818	1.6510	2.1571	2.1126
Nb-95m	0.6970	0.6275	0.7313	0.9223	0.9256	0.9260	1.0684	1.0736
Nb-96	3.8028	3.9374	4.0400	5.2014	5.8325	5.2650	7.1015	7.2771
Nb-97	1.1480	1.2123	1.2157	1.6690	1.7893	1.6474	2.0316	2.2337
Nb-98m	3.8381	3.9158	4.0233	5.1678	5.8544	5.2534	6.7886	6.5099
Nb-99	1.6277	1.5638	2.1098	2.0123	2.1712	2.0862	2.3055	2.4844
Nb-99m	0.8333	0.8193	0.9096	1.1473	1.2287	1.1422	1.4389	1.3665
Nd-134	1.7807	1.8442	2.1783	2.4070	2.8478	2.5353	3.0931	3.3084
Nd-135	2.1796	2.2132	2.6543	2.9601	3.5035	3.1229	3.9043	3.9695
Nd-136	1.5572	1.6566	2.3010	1.9142	2.6374	1.9792	2.4858	2.3971
Nd-137	2.0752	2.1798	2.4856	2.6871	3.4216	2.7792	3.7067	3.5724
Nd-138	0.6006	0.6597	0.8753	0.7049	1.1197	0.7503	0.9511	0.8301
Nd-139	0.6775	0.7313	0.9007	0.8523	1.1964	0.8865	1.1269	1.0489
Nd-139m	3.2607	3.4185	3.9779	4.2753	5.2599	4.3607	5.6968	5.4256
Nd-140	0.5368	0.5928	0.8074	0.6194	1.0142	0.6529	0.8196	0.6984
Nd-141	0.5556	0.6133	0.8238	0.6481	1.0454	0.6822	0.8575	0.7337
Nd-141m	1.1825	1.2239	1.2733	1.5471	1.8014	1.5651	2.0336	2.0053
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.8308	0.8813	1.1830	1.0093	1.3671	1.0565	1.4241	1.4078
Nd-149	1.5674	1.5958	1.8905	2.1880	2.4390	2.2883	2.9121	2.9991
Nd-151	1.9188	1.9817	2.3036	2.6313	2.9499	2.6874	3.4535	3.4965

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	0.7753	0.7753	0.9265	1.1164	1.1501	1.1369	1.6020	1.6831
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002
Ne-24	1.2594	1.2743	1.3244	1.7132	1.8419	1.7631	2.5167	2.9722
Ni-56	3.9389	3.9264	4.7243	5.3303	5.6758	5.3568	6.8187	7.6614
Ni-57	1.4662	1.4215	1.8530	2.0113	2.1793	2.0002	2.3549	2.1755
Ni-59	0.2198	0.1564	0.7628	0.2112	0.2024	0.1237	0.1503	0.3743
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5450	0.5496	0.5680	0.7754	0.8658	0.8028	1.0140	0.8960
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	3.8278	3.7561	4.9721	4.7159	5.4436	4.9079	6.4592	6.6679
Np-233	1.2690	1.1939	2.0679	1.4277	1.6568	1.4713	1.7577	1.8538
Np-234	2.3351	2.1960	3.1958	2.8531	3.2306	2.9246	3.4752	3.3832
Np-235	0.4474	0.3722	0.7390	0.4566	0.5064	0.4158	0.4483	0.6391
Np-236	2.7200	2.4529	4.0829	3.0527	3.3969	3.0432	3.3967	4.0456
Np-236m	0.7188	0.6682	1.1601	0.8004	0.9267	0.8171	0.9606	1.0317
Np-237	0.9810	0.8802	1.4252	1.0210	1.2448	1.0330	1.1818	1.3771
Np-238	1.1156	1.0871	1.3391	1.4346	1.6469	1.4140	1.9360	1.9365
Np-239	1.9095	1.7698	2.9558	2.2621	2.5021	2.3102	2.7774	2.9755
Np-240	3.1894	3.0479	4.0143	3.9907	4.4376	4.0109	5.0537	5.5035
Np-240m	0.9211	0.8712	1.1109	1.1512	1.2591	1.1472	1.4441	1.6553
Np-241	0.4758	0.4397	0.7396	0.5448	0.6132	0.5580	0.6374	0.6939
Np-242	0.3543	0.3441	0.3920	0.4644	0.5196	0.4656	0.5776	0.5468
Np-242m	2.8015	2.6421	3.4753	3.3901	3.8218	3.3960	4.2196	4.4811
O-14	1.3272	1.2532	1.3307	1.9549	1.9587	1.8082	2.1775	1.5660
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.5870	1.5366	1.6659	2.3389	2.4754	2.5590	2.7996	2.5568
Os-180	1.4228	1.3232	2.5794	1.7458	1.9244	1.3690	1.9298	2.6579
Os-181	3.6555	3.6223	5.0969	5.0034	5.3890	4.5302	6.2475	6.9701
Os-182	2.2991	2.2255	3.4917	3.0610	3.2375	2.7341	3.7900	4.8960
Os-183	3.2081	3.2064	4.7132	4.3134	4.7291	3.8184	5.2140	6.4323
Os-183m	1.9855	2.0235	2.8422	2.7395	3.0507	2.4056	3.4719	3.9192
Os-185	1.9840	2.0154	2.7820	2.7409	2.9661	2.4078	3.2211	3.9307
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2088	0.1509	0.7002	0.2008	0.1952	0.1219	0.1474	0.3557
Os-190m	4.4648	4.4613	5.4097	6.1780	6.5784	6.2693	8.2289	9.7107
Os-191	1.2537	1.1792	2.3694	1.5538	1.6590	1.2187	1.6615	2.3540
Os-191m	0.3012	0.2447	0.8358	0.3277	0.3337	0.2155	0.2919	0.5483
Os-193	0.4208	0.4086	0.6728	0.5416	0.5870	0.4798	0.6648	0.8501
Os-194	0.2262	0.1840	0.6310	0.2251	0.2548	0.1644	0.2036	0.3799
Os-196	0.4183	0.4178	0.5778	0.5713	0.6132	0.5239	0.7089	0.8431

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0010	0.0009	0.0010	0.0015	0.0015	0.0014	0.0016	0.0012
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5101	0.4719	0.8069	0.5752	0.6565	0.5337	0.6558	0.8101
Pa-228	4.0262	3.9110	5.3342	4.9801	5.6750	5.0430	6.5139	6.8982
Pa-229	1.1205	1.0570	1.8057	1.2331	1.4635	1.2554	1.5305	1.6641
Pa-230	2.2997	2.2379	3.1682	2.7925	3.2205	2.8076	3.6680	3.9058
Pa-231	0.8953	0.7828	1.4340	0.9452	1.0955	0.9161	1.0770	1.4173
Pa-232	2.1697	2.1333	2.5925	2.7972	3.1359	2.7900	3.6856	3.9463
Pa-233	1.6184	1.5447	2.2472	1.9039	2.2101	2.0222	2.6465	2.9217
Pa-234	4.0373	3.9196	5.1311	5.1025	5.6948	5.1285	6.4801	6.8388
Pa-234m	0.0342	0.0336	0.0435	0.0437	0.0497	0.0436	0.0578	0.0578
Pa-235	0.0746	0.0533	0.2563	0.0717	0.0690	0.0424	0.0515	0.1270
Pa-236	1.5768	1.5252	1.8607	2.0753	2.2660	2.0570	2.4915	2.5789
Pa-237	1.1001	1.1130	1.2932	1.4504	1.6320	1.4530	2.0276	2.1575
Pb-194	2.9693	2.9540	3.8544	3.8266	4.3847	3.7822	5.0545	5.3997
Pb-195m	4.3298	4.3788	5.4499	5.6286	6.4423	5.6196	7.4446	8.2152
Pb-196	2.6299	2.6149	3.5482	3.3638	3.7872	3.2721	4.6372	5.2137
Pb-197	2.9286	2.9585	3.6046	3.8174	4.4062	3.7788	5.0215	5.1821
Pb-197m	3.6989	3.7150	4.7222	4.8008	5.4696	4.7965	6.3471	6.9531
Pb-198	2.4552	2.4597	3.3062	3.1115	3.5803	3.0846	4.2834	4.7976
Pb-199	2.4087	2.4265	3.0577	3.0828	3.6056	3.0710	4.1718	4.3881
Pb-200	2.1005	2.0677	3.1158	2.5567	2.9290	2.4147	3.2485	3.8875
Pb-201	2.6230	2.6810	3.3163	3.3095	3.9552	3.3986	4.8823	5.3064
Pb-201m	1.0287	1.0589	1.3064	1.3684	1.5380	1.3268	1.7022	1.9446
Pb-202	0.2246	0.1702	0.6684	0.2165	0.2204	0.1462	0.1747	0.3829
Pb-202m	3.7525	3.8653	4.1591	5.1138	5.7638	5.1495	6.9946	7.3142
Pb-203	2.1188	2.1239	2.8626	2.7314	3.0857	2.6944	3.9188	4.2900
Pb-204m	3.4641	3.6089	3.6872	4.7371	5.4686	4.8537	6.7637	6.6551
Pb-205	0.2273	0.1723	0.6765	0.2192	0.2231	0.1481	0.1769	0.3876
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3067	0.2633	0.6331	0.3046	0.3535	0.2591	0.3078	0.5155
Pb-211	0.1392	0.1429	0.1526	0.1858	0.2110	0.1902	0.2481	0.2599
Pb-212	1.0312	1.0222	1.3177	1.3677	1.4922	1.3882	1.9019	1.9572
Pb-214	1.1074	1.1249	1.3228	1.4319	1.6550	1.5306	2.1602	2.3268
Pd-100	2.2229	1.9679	2.2757	2.0811	2.9217	2.3999	2.8459	2.3753
Pd-101	1.7692	1.4607	1.6259	1.7245	2.1978	2.0156	2.2490	2.0133
Pd-103	0.6431	0.4614	0.5536	0.4824	0.6984	0.6131	0.5456	0.3731
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.7879	0.6938	0.7735	0.9906	1.0997	1.1472	1.1633	1.1226

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.3580	0.2784	0.3522	0.2633	0.4315	0.3672	0.3631	0.2890
Pd-111	0.0847	0.0855	0.0886	0.1141	0.1282	0.1170	0.1521	0.1593
Pd-112	0.2587	0.1994	0.2671	0.2452	0.2902	0.2597	0.2460	0.2252
Pd-114	0.1324	0.1302	0.1462	0.1856	0.1910	0.1957	0.2380	0.2439
Pd-96	2.5498	2.4637	2.7188	3.1237	3.5813	3.2608	3.9851	3.9717
Pd-97	2.5328	2.4593	2.6058	3.4592	3.7248	3.5473	4.6565	4.4688
Pd-98	2.0248	1.8228	2.3898	2.2063	2.6508	2.3982	2.6879	2.5167
Pd-99	1.9653	1.8710	2.0687	2.4950	2.7302	2.6014	3.0278	3.0607
Pm-136	3.4916	3.6418	3.6604	4.8052	5.4471	4.9814	6.6522	6.9393
Pm-137m	3.4069	3.5066	4.1094	4.6701	5.3310	4.8599	6.2843	6.5309
Pm-139	0.6067	0.6364	0.7330	0.7994	1.0030	0.8275	1.0546	1.0458
Pm-140m	3.8566	4.0283	4.1652	5.3054	6.1225	5.3789	7.2905	7.2406
Pm-140	0.2518	0.2641	0.2964	0.3340	0.4091	0.3392	0.4417	0.4344
Pm-141	0.4808	0.5133	0.6383	0.6140	0.8470	0.6279	0.7913	0.7069
Pm-142	0.1853	0.1966	0.2547	0.2293	0.3316	0.2370	0.2941	0.2528
Pm-143	1.0138	1.0900	1.3343	1.2602	1.7455	1.2824	1.6452	1.5573
Pm-144	3.3861	3.5700	3.8488	4.6709	5.3820	4.6790	6.0059	6.5388
Pm-145	0.5650	0.6225	0.8818	0.6583	1.0590	0.6686	0.8598	0.7810
Pm-146	1.8264	1.9044	2.0959	2.4109	2.8820	2.4641	3.2570	3.4653
Pm-147	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7130	0.7200	0.7503	0.9969	1.0956	1.0180	1.3402	1.3365
Pm-148m	3.8156	3.9770	4.0929	5.4181	5.8814	5.4463	7.2718	8.0849
Pm-149	0.0427	0.0436	0.0482	0.0604	0.0653	0.0643	0.0938	0.0980
Pm-150	2.0362	2.1135	2.0936	2.8168	3.2228	2.9908	4.0487	3.9937
Pm-151	1.2577	1.3004	1.5083	1.7094	1.9839	1.7935	2.3548	2.5042
Pm-152m	3.1345	3.2216	3.6304	4.4650	4.8712	4.5449	6.0447	5.9740
Pm-152	0.5469	0.5667	0.6722	0.7339	0.8531	0.7340	0.9534	0.9344
Pm-153	0.6460	0.6632	0.9238	0.7935	0.9991	0.8235	0.9812	1.0026
Pm-154	1.9513	1.9610	2.1929	2.6636	3.0656	2.6417	3.4559	3.0602
Pm-154m	3.0469	3.0736	3.4871	4.1918	4.7458	4.3227	5.4830	5.3464
Po-203	3.2602	3.2892	4.0158	4.1564	4.8926	4.1940	5.6993	5.6846
Po-204	4.3546	4.3390	6.0207	5.3281	6.2749	5.2526	7.3356	7.9921
Po-205	3.1978	3.2395	3.9297	4.0267	4.7982	4.0504	5.5889	5.5215
Po-206	3.6868	3.6926	4.8097	4.5561	5.3569	4.5988	6.5247	7.1572
Po-207	2.8468	2.9175	3.5043	3.6308	4.3346	3.6439	5.1315	5.1557
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0312	0.0284	0.0622	0.0373	0.0403	0.0331	0.0460	0.0575
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0137	0.0142	0.0146	0.0189	0.0210	0.0189	0.0264	0.0279
Po-212m	0.0569	0.0573	0.0600	0.0835	0.0849	0.0785	0.0992	0.0961

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002
Po-215	0.0005	0.0005	0.0005	0.0006	0.0007	0.0007	0.0009	0.0010
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.6285	4.8143	4.8866	6.5444	7.3052	6.7748	8.8100	9.1521
Pr-134m	2.2302	2.2521	2.3260	3.1247	3.4571	3.1900	4.0493	4.0412
Pr-135	1.4035	1.4722	1.6957	1.8048	2.3310	1.9516	2.5908	2.4564
Pr-136	2.5053	2.5612	2.7366	3.4510	3.8439	3.4841	4.7523	5.1528
Pr-137	0.5468	0.5891	0.7416	0.6557	0.9766	0.7004	0.8795	0.7676
Pr-138	0.1919	0.2059	0.2573	0.2290	0.3393	0.2436	0.3037	0.2589
Pr-138m	4.0502	4.2527	4.4398	5.4460	6.5305	5.6883	7.9946	7.7113
Pr-139	0.5225	0.5712	0.7535	0.6008	0.9704	0.6509	0.8035	0.6580
Pr-140	0.2786	0.3044	0.4014	0.3197	0.5176	0.3470	0.4287	0.3503
Pr-142	0.0505	0.0468	0.0506	0.0699	0.0770	0.0744	0.0869	0.0656
Pr-142m	0.0100	0.0071	0.0346	0.0096	0.0092	0.0056	0.0068	0.0170
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0292	0.0290	0.0299	0.0410	0.0441	0.0404	0.0495	0.0454
Pr-144m	0.2514	0.2623	0.4523	0.2834	0.4369	0.2810	0.3521	0.3439
Pr-145	0.0343	0.0364	0.0394	0.0463	0.0559	0.0463	0.0625	0.0616
Pr-146	1.3118	1.3147	1.3638	1.8165	1.9839	1.8585	2.4058	2.4402
Pr-147	1.6738	1.7917	2.1239	2.1145	2.8230	2.2164	2.9561	2.9275
Pr-148	1.5217	1.5749	1.5713	2.1340	2.3897	2.2626	3.1536	3.1535
Pr-148m	2.2253	2.3053	2.2920	3.0916	3.4437	3.3216	4.6844	4.9956
Pt-184	4.5560	4.4440	7.0258	6.0366	6.4737	5.2902	7.1625	9.0681
Pt-186	2.4902	2.4917	3.5957	3.3569	3.6476	2.9459	4.0080	4.8695
Pt-187	2.8832	2.8343	4.4961	3.8009	4.1469	3.2939	4.6199	5.6463
Pt-188	1.9069	1.8284	3.0996	2.5228	2.7063	2.1488	2.8730	3.6898
Pt-189	2.6854	2.6336	4.2905	3.5212	3.8297	2.9713	4.2071	5.3088
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	2.3514	2.3041	3.8102	3.0675	3.3488	2.5230	3.6447	4.7411
Pt-193	0.2340	0.1749	0.7230	0.2254	0.2264	0.1477	0.1771	0.3990
Pt-193m	0.4136	0.3505	1.0312	0.4505	0.4810	0.3229	0.4412	0.7453
Pt-195m	1.5471	1.4262	3.1533	1.8042	2.0128	1.4261	2.0012	2.8096
Pt-197	0.4311	0.3975	0.8163	0.4666	0.5598	0.4264	0.5738	0.7300
Pt-197m	1.0563	0.9799	2.0375	1.2487	1.3912	1.0232	1.4541	2.0273
Pt-199	0.5750	0.5750	0.6854	0.7764	0.8411	0.7897	1.0935	1.2626
Pt-200	0.7549	0.7199	1.3071	0.8956	1.0266	0.7967	1.1001	1.3762
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	0.9357	0.8728	1.5376	1.0501	1.2085	1.0792	1.2608	1.3285
Pu-234	1.0685	0.9904	1.7532	1.1928	1.3707	1.2198	1.4193	1.5145
Pu-235	1.4380	1.3262	2.3307	1.5943	1.8395	1.6230	1.8854	2.0415
Pu-236	0.1417	0.1182	0.2091	0.1449	0.1623	0.1360	0.1441	0.1933
Pu-237	1.0129	0.9170	1.6400	1.1117	1.2710	1.1030	1.2717	1.4444
Pu-238	0.1308	0.1091	0.1932	0.1338	0.1497	0.1255	0.1330	0.1786
Pu-239	0.0701	0.0568	0.1326	0.0708	0.0771	0.0615	0.0666	0.1009
Pu-240	0.1231	0.1026	0.1817	0.1259	0.1409	0.1181	0.1251	0.1679
Pu-241	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1056	0.0881	0.1558	0.1080	0.1209	0.1013	0.1073	0.1441
Pu-243	0.3900	0.3747	0.5342	0.4102	0.5362	0.4378	0.5676	0.5544
Pu-244	0.1117	0.0974	0.1545	0.1234	0.1372	0.1184	0.1334	0.1636
Pu-245	1.2403	1.2405	1.5144	1.5854	1.8145	1.6864	2.2568	2.3767
Pu-246	1.5350	1.4447	2.1533	1.8355	2.1228	1.9093	2.2165	2.3152
Ra-219	0.7559	0.7769	0.8858	0.9305	1.1465	1.0642	1.5660	1.6501
Ra-220	0.0119	0.0120	0.0127	0.0162	0.0174	0.0167	0.0235	0.0279
Ra-221	0.5401	0.5038	0.8423	0.6210	0.6917	0.6052	0.7099	0.9174
Ra-222	0.0310	0.0326	0.0313	0.0406	0.0491	0.0478	0.0716	0.0762
Ra-223	1.1986	1.1801	1.7305	1.4161	1.6725	1.4682	1.9626	2.1256
Ra-224	0.0565	0.0555	0.0661	0.0846	0.0820	0.0853	0.1147	0.1158
Ra-225	0.3483	0.3592	0.5195	0.4024	0.5797	0.3850	0.4726	0.5053
Ra-226	1.0710	1.0744	1.0655	1.0791	1.5891	1.5818	1.5765	1.5776
Ra-227	1.2150	1.1224	1.7220	1.3831	1.6084	1.4201	1.7849	2.0958
Ra-228	1.0221	1.0241	1.0138	1.0229	1.4975	1.5012	1.5173	1.4933
Ra-230	0.6159	0.5949	0.8942	0.7537	0.8526	0.7432	0.9656	1.0928
Rb-77	1.6029	1.6408	1.8083	2.2413	2.4455	2.1010	2.7996	3.1548
Rb-78m	3.0057	3.0311	3.1897	4.1823	4.5507	4.2190	5.4124	5.5269
Rb-78	2.3626	2.3518	2.4212	3.2699	3.4854	3.1646	3.9097	4.1585
Rb-79	1.8872	1.8862	2.1016	2.5390	2.7004	2.5958	3.1179	3.7166
Rb-80	0.3364	0.3539	0.3591	0.4905	0.5196	0.4835	0.6004	0.6878
Rb-81	0.9165	0.8887	1.0720	1.0986	1.2384	1.1065	1.4304	1.8278
Rb-81m	0.5207	0.4907	0.5741	0.5378	0.6557	0.5463	0.6387	0.8547
Rb-82	0.2312	0.2341	0.2511	0.2916	0.3389	0.2949	0.3814	0.3840
Rb-82m	4.4127	4.5077	4.8006	5.9279	6.6320	5.9584	7.8003	8.2414
Rb-83	1.6600	1.6188	1.9429	2.0467	2.2475	2.0468	2.8004	3.6201
Rb-84	1.2815	1.2800	1.4606	1.5829	1.8584	1.5783	2.1271	2.2612
Rb-84m	1.6396	1.6128	1.7665	2.3849	2.3723	2.4345	3.2319	3.4638
Rb-86m	1.1527	1.1813	1.2248	1.6126	1.7031	1.6219	2.2469	2.6940
Rb-86	0.1014	0.1086	0.1094	0.1485	0.1693	0.1475	0.2119	0.1987
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.5378	0.5109	0.5352	0.7406	0.8087	0.7357	0.9219	0.7494
Rb-89	2.0053	2.0861	2.1277	2.9223	3.2205	2.8679	3.8280	3.5031
Rb-90	1.1364	1.1609	1.1594	1.5675	1.7277	1.4820	1.8345	1.8151
Rb-90m	2.6525	2.6706	2.7441	3.5880	4.0151	3.5296	4.4677	4.1693
Re-178	2.5985	2.5453	3.7552	3.5186	3.7756	3.2205	4.2943	4.7981
Re-179	3.1832	3.1578	4.2419	4.2938	4.7041	4.0890	5.6166	6.4617
Re-180	2.7592	2.7582	4.0927	3.5928	4.0919	3.2465	4.6025	5.1188
Re-181	3.0245	3.0346	4.3413	4.0252	4.5071	3.6953	5.1547	6.1882
Re-182	5.7494	5.7304	8.2838	7.8792	8.5197	7.2772	9.7831	11.2795
Re-182m	2.9998	3.0271	4.5183	4.0155	4.4944	3.5010	4.8751	5.7004
Re-183	2.0868	2.0028	3.7539	2.6413	2.9107	2.1598	2.9741	4.1080
Re-184	2.4687	2.4706	3.5891	3.1975	3.6361	2.8727	4.0433	4.5725
Re-184m	2.0874	2.0131	3.5316	2.7205	2.9389	2.3716	3.2733	4.0545
Re-186	0.2233	0.2166	0.3735	0.2891	0.3051	0.2438	0.3125	0.4276
Re-186m	0.7783	0.6369	2.1702	0.8283	0.8805	0.5660	0.7481	1.3839
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.2809	0.2777	0.3813	0.3892	0.3934	0.3653	0.4355	0.5825
Re-188m	1.3144	1.2275	2.6865	1.6366	1.7600	1.2164	1.7507	2.5235
Re-189	0.3343	0.3176	0.4845	0.4714	0.4752	0.4522	0.5709	0.6567
Re-190	3.2919	3.3301	3.6119	4.6773	4.9925	4.7942	6.0602	6.6328
Re-190m	2.7620	2.7705	3.5056	3.8149	4.0961	3.7250	4.8756	5.6869
Rh-100m	0.9767	0.7628	0.9068	0.8154	1.1609	0.9867	0.9860	0.7530
Rh-100	3.5301	3.3642	3.5872	4.6092	5.0661	4.6979	5.9127	5.7373
Rh-101	2.1243	1.9038	2.1931	2.5918	2.8701	2.8848	3.0379	2.9073
Rh-101m	1.5465	1.4230	1.4652	1.7747	2.1354	2.0588	2.7361	2.7317
Rh-102	1.1222	1.0313	1.1195	1.3312	1.5081	1.4109	1.7921	1.9586
Rh-102m	4.3129	4.2936	4.4606	5.7018	6.3547	5.8269	7.5531	8.0390
Rh-103m	0.0836	0.0601	0.1111	0.0660	0.0887	0.0740	0.0687	0.0655
Rh-104	0.0276	0.0275	0.0288	0.0370	0.0398	0.0377	0.0507	0.0591
Rh-104m	1.0342	0.8948	1.0284	0.9071	1.3486	1.0718	1.2070	1.1221
Rh-105	0.2529	0.2660	0.2422	0.3356	0.4039	0.4002	0.6103	0.6443
Rh-106	0.4018	0.4112	0.4267	0.5611	0.5968	0.5654	0.7917	0.9302
Rh-106m	4.4535	4.5568	4.6971	6.1648	6.7866	6.2789	8.4490	8.8864
Rh-107	1.0201	1.0615	1.0145	1.4083	1.5978	1.5917	2.3303	2.4546
Rh-108	0.7267	0.7476	0.7557	1.0238	1.0990	1.0485	1.3755	1.5830
Rh-109	1.1261	1.1376	1.1460	1.5024	1.7132	1.6986	2.3426	2.4533
Rh-94	2.8637	2.8953	2.9943	3.9810	4.4485	4.0810	5.1816	4.7768
Rh-95	2.0343	2.0383	2.1119	2.7741	3.1358	2.7977	3.6470	3.3459
Rh-95m	1.2126	1.2129	1.2645	1.6278	1.7519	1.6386	2.2256	2.5996
Rh-96	4.7504	4.8564	4.9729	6.4979	7.2384	6.5259	8.2505	8.2491

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.2994	1.2239	1.3101	1.5897	1.8613	1.6520	2.0492	1.7930
Rh-97	1.6904	1.6519	1.7062	2.2022	2.4744	2.2961	2.8557	2.9181
Rh-97m	2.7133	2.5158	2.7061	3.5628	3.8862	3.6968	4.3087	3.9292
Rh-98	1.3695	1.4086	1.4294	1.9488	2.0989	1.9331	2.3534	2.4860
Rh-99	2.3170	2.1254	2.4149	2.6187	3.1307	2.8880	3.5998	3.6166
Rh-99m	1.7946	1.6994	1.7475	2.1514	2.5481	2.3947	3.0383	3.0642
Rn-207	2.4314	2.4890	2.8934	3.0844	3.6468	3.2451	4.3775	4.5887
Rn-209	2.7589	2.7987	3.3095	3.5040	4.1066	3.6286	4.7660	4.9071
Rn-210	0.1989	0.1989	0.2553	0.2486	0.2882	0.2528	0.3405	0.3689
Rn-211	3.5177	3.5901	4.1918	4.6446	5.3048	4.7023	6.1409	6.3067
Rn-212	0.0006	0.0006	0.0006	0.0008	0.0009	0.0008	0.0010	0.0011
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0014	0.0015	0.0015	0.0021	0.0022	0.0021	0.0026	0.0030
Rn-219	0.2271	0.2312	0.2515	0.3241	0.3411	0.3365	0.4604	0.4842
Rn-220	1.0300	1.0221	1.0176	1.0360	1.5092	1.4885	1.4888	1.5069
Rn-222	0.0009	0.0009	0.0010	0.0012	0.0013	0.0013	0.0019	0.0023
Rn-223	1.3157	1.2715	1.9039	1.6204	1.8073	1.5848	1.9916	2.3525
Ru-103	1.1816	1.1842	1.2540	1.5876	1.6866	1.6273	2.4166	2.9541
Ru-105	1.6166	1.6372	1.6827	2.1594	2.4079	2.2379	2.9331	3.1090
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.6305	0.6356	0.6606	0.8855	0.9689	0.9244	1.1794	1.1870
Ru-108	0.4560	0.4365	0.4938	0.6060	0.6247	0.6392	0.6792	0.8336
Ru-92	5.0189	4.7362	5.2761	6.6740	7.1181	6.9663	8.4424	8.2671
Ru-94	1.7550	1.6592	1.7241	2.1415	2.4843	2.3088	2.8600	2.8735
Ru-95	2.3047	2.2630	2.3039	2.9736	3.4173	3.1848	4.1621	4.1588
Ru-97	1.6772	1.4909	1.6786	2.1611	2.3054	2.3631	2.6650	2.5086
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.2013	1.1452	1.1599	1.5547	1.6539	1.3812	1.3798	1.6111
S-38	1.2232	1.0742	1.1427	1.6763	1.7560	1.6310	1.9068	1.3396
Sb-111	1.7495	1.7385	1.8738	2.3020	2.5277	2.4350	3.0221	3.5337
Sb-113	1.5266	1.4930	1.5739	1.8742	2.2023	2.0656	2.9262	3.3167
Sb-114	1.8850	1.9370	1.9869	2.5833	2.9722	2.6857	3.3264	3.0711
Sb-115	1.6594	1.5791	1.6911	1.9213	2.3293	2.1670	3.0001	3.4539
Sb-116	1.7820	1.7851	1.8515	2.3210	2.7624	2.4583	2.9925	2.6788
Sb-116m	4.8708	4.8928	5.3247	6.2084	7.4384	6.6795	8.5233	8.3763
Sb-117	1.5843	1.4533	1.5780	1.7189	2.1774	2.0821	2.1575	2.5053
Sb-118	0.2195	0.1902	0.2055	0.1781	0.3066	0.2586	0.2761	0.2352
Sb-118m	4.7623	4.7687	5.0268	6.1625	7.4063	6.6543	8.7167	8.1929

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	0.8121	0.6521	0.7805	0.5292	1.0664	0.8788	0.8704	0.7150
Sb-120	0.4053	0.3354	0.3671	0.2781	0.5506	0.4561	0.4638	0.3748
Sb-120m	4.7898	4.7670	5.3024	6.0879	7.4521	6.7382	8.5281	7.7784
Sb-122m	1.3524	1.2883	1.5742	1.4237	2.0110	1.4814	1.9228	2.0439
Sb-122	0.8997	0.9244	0.9535	1.2576	1.3429	1.2689	1.7190	2.0225
Sb-124	2.2964	2.2981	2.3710	3.2694	3.5038	3.2868	4.0761	4.0704
Sb-124m	0.8950	0.9183	1.0156	1.2601	1.3328	1.2494	1.6653	1.9756
Sb-124n	0.0348	0.0248	0.1207	0.0334	0.0320	0.0196	0.0238	0.0592
Sb-125	1.4002	1.3919	1.4628	1.7322	2.1267	1.9211	2.3392	2.4766
Sb-126	5.0075	5.2250	5.2649	7.0421	7.7254	7.0915	9.0095	9.6205
Sb-126m	2.9705	3.0994	3.1196	4.2081	4.5842	4.2439	5.3034	5.7692
Sb-127	1.4372	1.4761	1.5222	1.9835	2.1653	2.0144	2.6736	2.9086
Sb-128	5.5534	5.7702	5.8160	7.5770	8.5155	7.8034	10.4099	10.9224
Sb-128m	3.5666	3.7054	3.6849	4.7290	5.4864	5.0084	6.8445	6.9450
Sb-129	2.0277	2.0701	2.1298	2.7707	3.1256	2.8105	3.7838	3.6718
Sb-130m	4.2354	4.3423	4.4761	5.6920	6.5156	5.8297	7.7177	7.4633
Sb-130	5.8596	5.9829	6.0995	7.8719	8.9724	8.2749	10.9753	10.9444
Sb-131	2.4860	2.5516	2.6050	3.5149	3.9114	3.5256	4.7063	4.4646
Sb-133	2.6401	2.6865	2.7629	3.7381	4.1390	3.7443	4.8676	4.4336
Sc-42m	3.4901	3.5382	3.6551	4.9459	5.4403	5.1115	6.3597	6.1091
Sc-43	0.2435	0.2518	0.2599	0.3376	0.3790	0.3646	0.4754	0.5199
Sc-44	1.1278	1.2138	1.2377	1.6521	1.8634	1.6467	2.2050	2.0894
Sc-44m	1.0436	1.0603	1.1401	1.5784	1.5697	1.6287	2.3655	2.4239
Sc-46	2.3980	2.5358	2.5737	3.3755	3.8788	3.3764	4.7382	4.4591
Sc-47	0.6717	0.6737	0.7261	0.9817	0.9412	1.0046	1.0621	1.4608
Sc-48	3.6014	3.8156	3.8714	5.2382	5.9364	5.2400	7.2902	6.8057
Sc-49	0.0008	0.0008	0.0008	0.0011	0.0012	0.0012	0.0014	0.0010
Sc-50	3.5631	3.5704	3.7374	5.0120	5.5087	5.1406	6.7950	6.5693
Se-70	1.8223	1.6813	3.3762	2.1215	2.3991	1.9949	2.5474	3.4193
Se-71	1.1325	1.1569	1.2897	1.5742	1.6839	1.5829	1.9402	2.1209
Se-72	1.0745	0.9665	2.4491	1.0805	1.3962	0.9241	1.1843	1.8115
Se-73	1.9241	1.9496	2.5544	2.5680	2.8940	2.4482	3.4468	4.0626
Se-73m	0.2852	0.2658	0.4975	0.3457	0.3760	0.3162	0.4183	0.5410
Se-75	2.3450	2.2477	3.6266	3.1354	3.1679	3.0471	3.9483	4.6768
Se-77m	0.7515	0.7086	1.0999	0.9868	0.9798	0.9643	1.0392	1.5094
Se-79m	0.4997	0.4266	1.1119	0.5012	0.5639	0.4300	0.5188	0.8285
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0219	0.0225	0.0230	0.0313	0.0332	0.0328	0.0472	0.0496
Se-81m	0.5377	0.4631	1.1869	0.5505	0.6132	0.4809	0.5734	0.8840
Se-83m	1.1981	1.2303	1.2380	1.7071	1.9104	1.7224	2.3635	2.2333

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	3.9182	3.9687	4.0657	5.4725	5.9907	5.6531	7.5104	7.5828
Se-84	1.1058	1.1419	1.1248	1.5700	1.7057	1.6378	2.0248	2.2526
Si-31	0.0007	0.0008	0.0008	0.0011	0.0012	0.0011	0.0013	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.8016	1.8665	1.9981	2.5070	2.8421	2.6229	3.6389	3.7453
Sm-140	1.1161	1.1827	1.4705	1.4606	1.8995	1.4963	1.9164	1.8572
Sm-141	1.6257	1.6784	1.8132	2.2261	2.6040	2.2926	2.9129	2.9723
Sm-141m	3.2549	3.3022	3.6513	4.4824	5.1976	4.6748	5.8073	5.6435
Sm-142	0.5174	0.5772	0.8131	0.6094	0.9901	0.6108	0.7922	0.7326
Sm-143	0.3515	0.3883	0.5288	0.4264	0.6590	0.4280	0.5588	0.5149
Sm-143m	1.1735	1.2161	1.2718	1.5386	1.7926	1.5527	2.0183	2.0001
Sm-145	1.0896	1.2099	1.6864	1.3109	2.0550	1.2698	1.6802	1.6230
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0011	0.0008	0.0031	0.0010	0.0011	0.0008	0.0008	0.0016
Sm-153	0.8307	0.8796	1.3674	0.9740	1.3746	0.9908	1.2854	1.2664
Sm-155	0.9764	0.9856	1.6479	1.1809	1.4178	1.2508	1.5431	1.4710
Sm-156	0.8819	0.8630	1.2488	1.1314	1.3116	1.1918	1.4569	1.5055
Sm-157	1.3965	1.3795	1.5566	1.9851	2.2151	2.1560	2.4787	2.4123
Sn-106	2.8192	2.7346	2.8980	3.4754	4.1346	3.8502	4.8649	4.8764
Sn-108	2.7157	2.6055	2.8078	3.3207	3.9476	3.7499	4.5425	4.6199
Sn-109	2.6986	2.5944	2.6936	3.3613	4.0650	3.6581	4.5561	4.0914
Sn-110	1.7311	1.6212	1.6904	2.0030	2.4869	2.4022	3.1889	3.1184
Sn-111	0.6306	0.5319	0.5743	0.5374	0.8547	0.7361	0.7882	0.6456
Sn-113	0.6735	0.5372	0.5915	0.4594	0.8710	0.7375	0.7342	0.5844
Sn-113m	0.4583	0.3718	0.4350	0.3002	0.6091	0.5007	0.5005	0.4085
Sn-117m	1.4701	1.3617	1.4978	1.6592	2.0191	1.9575	2.0298	2.4323
Sn-119m	0.5456	0.4320	0.5700	0.3581	0.6999	0.5757	0.5686	0.4905
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1627	0.1396	0.2083	0.1260	0.2272	0.1755	0.1858	0.1676
Sn-123	0.0074	0.0080	0.0080	0.0109	0.0124	0.0108	0.0154	0.0145
Sn-123m	0.9361	0.9236	0.9988	1.2994	1.3157	1.3714	1.4464	1.9081
Sn-125m	1.0328	1.0860	0.9958	1.3806	1.6506	1.6188	2.3781	2.5183
Sn-125	0.3995	0.4148	0.4211	0.5608	0.6378	0.5638	0.7882	0.7414
Sn-126	0.8905	0.8496	1.1802	0.8808	1.2751	1.0199	1.2977	1.1990
Sn-127m	1.1778	1.1783	1.2460	1.5889	1.6970	1.6368	2.3832	2.8378
Sn-127	2.4823	2.5502	2.6368	3.4720	3.8759	3.5181	4.7577	4.6465
Sn-128	2.8070	2.6874	2.8751	2.9808	4.1245	3.5476	4.4473	4.5589
Sn-129	1.4922	1.5652	1.5774	2.1665	2.3399	2.1558	2.6977	2.8459

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	2.9173	2.8643	3.0579	3.7439	4.3899	4.0484	4.9493	4.9001
Sn-130m	1.8342	1.8308	1.9743	2.2866	2.7717	2.4469	3.0976	3.0476
Sr-79	1.1374	1.1620	1.3867	1.4304	1.7206	1.5038	1.8772	2.0216
Sr-80	1.3015	1.2834	1.3722	1.6518	1.8102	1.6728	2.0579	2.5462
Sr-81	1.5834	1.5917	1.7038	2.2073	2.2902	2.2688	2.6948	3.2063
Sr-82	0.5842	0.5420	0.6158	0.5949	0.7136	0.5967	0.6727	0.9626
Sr-83	1.7000	1.6712	1.7869	2.0408	2.3674	2.0769	2.5546	2.9528
Sr-85	1.7349	1.6983	1.8399	2.1470	2.3576	2.1809	3.0221	3.8448
Sr-85m	1.1829	1.1494	1.3152	1.7744	1.7185	1.8234	2.2879	2.3741
Sr-87m	0.9729	0.9984	0.9836	1.3464	1.4889	1.4205	1.7424	1.9232
Sr-89	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9859	1.0352	1.0492	1.3951	1.5725	1.3925	1.9189	1.8769
Sr-92	1.2022	1.2234	1.2748	1.7244	1.9030	1.7727	2.1476	1.9069
Sr-93	3.1904	3.2539	3.3602	4.4866	4.8679	4.5050	5.8066	5.9500
Sr-94	1.2591	1.2538	1.3159	1.7819	1.9707	1.8451	2.1973	1.8783
Ta-170	1.2794	1.2571	2.0417	1.6432	1.8596	1.5364	2.0776	2.3436
Ta-172	2.9093	2.9000	3.9754	3.9299	4.3943	3.8073	5.0152	5.3479
Ta-173	2.1621	2.1248	3.4551	2.7387	3.1385	2.4016	3.2610	4.1182
Ta-174	2.1883	2.1223	3.2136	2.9007	3.2336	2.7734	3.5292	3.9264
Ta-175	3.0437	3.0277	4.1964	4.0103	4.5531	3.7615	5.0808	5.7304
Ta-176	3.1794	3.1352	4.2413	4.2423	4.7721	4.0104	5.2205	5.4585
Ta-177	0.9908	0.9780	1.6968	1.2131	1.4359	0.9966	1.4322	1.9250
Ta-178	1.0466	1.0299	1.8187	1.2741	1.5145	1.0495	1.5110	2.0129
Ta-178m	5.5936	5.6290	7.3512	7.3273	8.4189	7.5182	10.2409	11.3605
Ta-179	0.5196	0.4930	1.0223	0.6145	0.7172	0.4760	0.6897	1.0079
Ta-180	0.8481	0.8324	1.5010	1.0248	1.2207	0.8314	1.2088	1.6442
Ta-182	2.5243	2.5848	3.5188	3.4806	3.8564	3.2197	4.3400	4.7518
Ta-182m	2.4800	2.3657	4.0707	3.2392	3.4385	2.9238	3.6113	4.8789
Ta-183	2.4643	2.3865	4.0532	3.2375	3.4803	2.9113	3.9761	4.9225
Ta-184	4.2966	4.3226	5.4251	5.9365	6.3986	5.8943	7.9944	8.6853
Ta-185	1.3218	1.2515	2.1907	1.7539	1.8325	1.5676	1.9485	2.5759
Ta-186	3.8624	3.8565	4.4948	5.3972	5.7762	5.5340	7.0364	7.5911
Tb-146	2.7313	2.6862	2.8953	3.7794	4.2838	3.8965	4.8528	4.2229
Tb-147m	1.6791	1.6950	1.9699	2.2438	2.6988	2.2897	2.7836	2.4814
Tb-147	2.7907	2.9400	3.2954	3.8230	4.4819	3.8306	4.9376	4.9840
Tb-148m	5.3530	5.5777	5.8719	7.2578	8.3635	7.3587	9.5243	9.8037
Tb-148	2.4513	2.4988	2.7177	3.2332	3.7726	3.2440	4.2592	4.1668
Tb-149m	2.3355	2.4303	2.7351	2.9838	3.6525	3.0186	3.9278	3.9610
Tb-149	2.5635	2.6502	2.9679	3.4175	4.0611	3.5202	4.5104	4.6801

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	5.2451	5.4767	5.8283	7.2453	8.1466	7.3306	9.5678	10.7031
Tb-150	2.7182	2.7868	3.0850	3.7231	4.2641	3.6813	4.6290	4.7313
Tb-151	3.2948	3.4126	4.1359	4.3974	5.1841	4.5115	5.9822	6.3859
Tb-151m	0.6300	0.5726	1.3135	0.6623	0.8315	0.6078	0.7930	1.0979
Tb-152m	2.9061	3.0096	3.6002	3.8536	4.5569	3.9898	5.4787	6.0439
Tb-152	2.3074	2.3949	2.6461	3.0710	3.7050	3.2120	4.3234	4.3669
Tb-153	1.8641	1.9191	2.6222	2.3440	3.0064	2.4313	3.1159	3.2285
Tb-154	2.7661	2.8133	3.3452	3.6686	4.3544	3.6155	4.5717	4.3264
Tb-155	1.8101	1.8846	2.7407	2.1410	2.8896	2.2266	2.8902	2.9977
Tb-156	3.9081	4.0238	4.7661	5.2262	6.2052	5.3928	7.0669	7.2966
Tb-156m	0.5743	0.6194	0.7016	0.5668	0.9376	0.6537	0.9043	1.0223
Tb-156n	0.1568	0.1317	0.4346	0.1577	0.1867	0.1206	0.1556	0.2620
Tb-157	0.1670	0.1488	0.4275	0.1721	0.2223	0.1386	0.1797	0.2753
Tb-158	1.9476	2.0372	2.6058	2.4638	3.1743	2.4816	3.4412	3.4284
Tb-160	1.9304	2.0081	2.2724	2.6106	3.0604	2.6868	3.7492	3.6860
Tb-161	0.7496	0.7089	1.1552	0.7060	1.0866	0.7762	0.9895	1.1221
Tb-162	2.6384	2.6839	3.0041	3.6699	3.9969	3.7217	5.1263	5.1048
Tb-163	2.1452	2.2085	2.2815	2.9552	3.2693	3.1177	4.2679	4.8121
Tb-164	4.2543	4.3384	4.7791	5.9013	6.5026	5.9881	7.6344	7.9169
Tb-165	0.9899	0.9937	1.1749	1.3635	1.5137	1.3817	1.7419	1.7412
Tc-101	1.0975	1.1427	1.0886	1.4978	1.7168	1.7127	2.5521	2.7076
Tc-102m	3.0657	3.0847	3.1918	4.3334	4.6517	4.3527	5.7212	5.8797
Tc-102	0.1383	0.1410	0.1458	0.1918	0.2070	0.1947	0.2700	0.3024
Tc-104	2.8267	2.8463	2.8635	3.9239	4.3287	4.0837	5.3560	5.3614
Tc-105	1.9907	1.9755	2.1839	2.6661	2.9104	2.7961	3.5649	3.7413
Tc-91	1.2042	1.1631	1.2266	1.6819	1.8078	1.6693	2.0373	1.7190
Tc-91m	0.8135	0.8110	0.8612	1.0961	1.1759	1.1220	1.6148	1.8713
Tc-92	4.5631	4.5574	4.7600	6.1449	6.8468	6.4942	8.1962	8.0421
Tc-93	1.7707	1.6622	1.8166	2.3052	2.5594	2.3814	2.6921	2.3430
Tc-93m	1.2447	1.2091	1.2440	1.6700	1.8177	1.6954	1.9962	1.9854
Tc-94	4.4476	4.4832	4.6642	5.8213	6.6576	5.8718	7.6996	7.5019
Tc-94m	1.6641	1.6613	1.7336	2.1889	2.5080	2.1986	2.9238	2.6998
Tc-95	1.8803	1.7986	1.9380	2.2931	2.6273	2.3310	2.8360	2.7553
Tc-95m	2.1620	2.0286	2.2200	2.8364	3.0823	2.9848	3.4729	3.4146
Tc-96	4.4340	4.4356	4.6436	5.6235	6.5351	5.7201	7.4810	7.1468
Tc-96m	0.3807	0.3087	0.3796	0.3812	0.4529	0.4058	0.4126	0.3770
Tc-97	0.5942	0.4782	0.5803	0.6151	0.6917	0.6311	0.6117	0.5836
Tc-97m	0.4627	0.3577	0.4440	0.4339	0.5236	0.4712	0.4452	0.3898
Tc-98	2.3990	2.5077	2.5387	3.3393	3.6834	3.3292	4.1925	4.4170
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	0.8626	0.8566	0.9964	1.1648	1.1719	1.1854	1.2642	1.5626
Te-113	1.3788	1.3915	1.4378	1.8960	2.1400	1.9196	2.4628	2.2339
Te-114	2.3958	2.2757	2.5326	2.7363	3.5501	3.1309	3.8055	3.4919
Te-115	2.0357	2.0603	2.1401	2.7624	3.1622	2.8933	3.6132	3.4232
Te-115m	2.4483	2.4390	2.5350	3.2279	3.7570	3.3653	4.2446	3.8849
Te-116	1.4300	1.2918	1.6383	1.2294	2.0333	1.6902	1.8861	1.5909
Te-117	1.9152	1.8609	1.9553	2.3435	2.8787	2.5368	3.1054	2.8156
Te-118	0.6191	0.5279	0.5981	0.4403	0.8722	0.7018	0.7211	0.5656
Te-119	1.7982	1.7652	1.8388	2.1578	2.7101	2.4013	2.8003	2.8248
Te-119m	2.8755	2.8672	3.0408	3.6990	4.3466	4.0080	4.8958	4.9594
Te-121	1.7992	1.7371	1.8482	2.0850	2.6246	2.3636	2.9973	3.2709
Te-121m	1.3302	1.2309	1.4247	1.6884	1.9988	1.9793	2.2200	2.0159
Te-123	0.0312	0.0224	0.1056	0.0297	0.0293	0.0182	0.0219	0.0523
Te-123m	1.2456	1.2017	1.3735	1.5397	1.7676	1.7109	1.8131	2.2163
Te-125m	1.0127	0.9152	1.0911	0.8138	1.5142	1.1776	1.2611	0.9882
Te-127	0.0143	0.0146	0.0147	0.0198	0.0220	0.0210	0.0264	0.0288
Te-127m	0.3300	0.2935	0.3892	0.2657	0.4800	0.3731	0.4005	0.3348
Te-129	0.3005	0.2790	0.3821	0.3207	0.4275	0.3679	0.4577	0.4891
Te-129m	0.2881	0.2637	0.3247	0.2583	0.4239	0.3406	0.3770	0.3275
Te-131	1.2943	1.3131	1.4130	1.7765	1.8976	1.8409	2.2116	2.6101
Te-131m	2.5912	2.6370	2.8148	3.4023	3.9607	3.5660	4.6404	4.4761
Te-132	1.7015	1.6485	1.8689	2.1693	2.6003	2.4571	2.9903	2.7723
Te-133	1.9110	1.9711	1.9377	2.6335	2.9978	2.8232	3.8786	3.8914
Te-133m	2.9868	3.0494	3.1701	4.0598	4.6416	4.1946	5.6280	5.4819
Te-134	2.4879	2.5056	2.6380	3.3052	3.7798	3.5500	4.5316	4.5995
Th-223	1.0740	1.0269	1.6859	1.2023	1.4250	1.2219	1.5184	1.6868
Th-224	0.1588	0.1515	0.1973	0.2129	0.2223	0.2225	0.2480	0.2874
Th-226	0.1453	0.1322	0.2297	0.1666	0.1820	0.1607	0.1868	0.2270
Th-227	1.3200	1.2324	1.8941	1.5881	1.7511	1.5736	2.0031	2.3580
Th-228	0.1294	0.1132	0.2075	0.1388	0.1543	0.1282	0.1458	0.1987
Th-229	1.7599	1.6197	2.8434	1.9439	2.2520	1.9087	2.2858	2.7354
Th-230	1.1208	1.1105	1.1109	1.1258	1.6458	1.6438	1.5917	1.6389
Th-231	1.0889	0.9360	1.6307	1.0845	1.3068	1.0766	1.1971	1.5279
Th-232	3.4999	3.4990	3.5043	3.5468	5.1513	5.1581	5.0970	5.2297
Th-233	0.3098	0.2786	0.5395	0.3442	0.3929	0.3292	0.3989	0.5010
Th-234	0.2282	0.2120	0.3519	0.2631	0.2979	0.2380	0.2991	0.3684
Th-235	0.1247	0.1269	0.1448	0.1667	0.1853	0.1699	0.2188	0.2354
Th-236	0.2257	0.2142	0.3281	0.2714	0.3018	0.2747	0.3292	0.3709
Ti-44	1.7533	1.8603	2.1703	2.1181	2.7348	1.9786	3.0628	3.1532
Ti-45	0.0144	0.0114	0.0403	0.0155	0.0157	0.0115	0.0141	0.0243

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.0437	1.1042	1.0065	1.3931	1.6789	1.6415	2.4957	2.6263
Ti-52	1.0497	1.0200	1.4337	1.3163	1.3785	1.3078	1.4245	1.5878
Tl-190	1.7067	1.7478	2.0157	2.3241	2.5853	2.3075	3.0124	3.3715
Tl-190m	4.4546	4.5943	5.0579	6.1425	6.7873	6.1430	8.0312	8.8096
Tl-194	1.8358	1.8678	2.3182	2.4387	2.7382	2.3654	3.1696	3.6420
Tl-194m	5.8590	5.9609	7.0781	7.9071	8.7311	7.8181	10.2157	11.3237
Tl-195	2.6580	2.5982	3.7990	3.3904	3.8286	3.1771	4.3171	4.7308
Tl-196	3.1179	3.1006	3.7392	4.1731	4.6517	4.0942	5.3391	5.5964
Tl-197	1.9031	1.8986	2.7272	2.3781	2.7552	2.2129	3.0672	3.5517
Tl-198	3.3892	3.3851	4.0967	4.5506	5.0829	4.4438	5.7432	5.9619
Tl-198m	3.8264	3.8657	4.8998	5.1480	5.6395	5.0282	6.6870	7.7165
Tl-199	1.8118	1.7860	2.6569	2.2760	2.5966	2.1191	2.9607	3.4436
Tl-200	2.9840	3.0545	3.7141	3.9468	4.5317	3.9239	5.2940	5.7335
Tl-201	1.4168	1.3768	2.3432	1.6694	1.9651	1.4658	2.0625	2.5655
Tl-202	2.0371	2.0417	2.7143	2.6068	2.9622	2.5020	3.4710	4.1007
Tl-204	0.0229	0.0221	0.0399	0.0263	0.0314	0.0225	0.0327	0.0410
Tl-206m	5.8177	5.9125	6.4915	8.3019	8.8392	8.4211	11.4101	12.0364
Tl-206	0.0011	0.0011	0.0017	0.0012	0.0016	0.0012	0.0017	0.0019
Tl-207	0.0034	0.0035	0.0036	0.0046	0.0053	0.0046	0.0066	0.0062
Tl-208	2.8938	2.9263	3.0969	4.1679	4.3218	3.9868	5.1582	5.1814
Tl-209	3.5222	3.4461	4.1048	4.6849	5.1569	4.8749	6.1327	6.0663
Tl-210	3.9376	3.9882	4.3728	5.2870	5.9569	5.4189	7.2988	7.1005
Tm-161	3.6503	3.6706	4.9841	4.3760	5.5685	4.4657	5.8078	6.3230
Tm-162	2.2125	2.2156	2.8498	2.8285	3.3500	2.8261	3.6285	3.6349
Tm-163	3.2160	3.2775	4.2677	4.0132	4.9396	4.0686	5.4037	5.7880
Tm-164	0.8751	0.8814	1.2575	1.0241	1.3313	1.0309	1.3651	1.4802
Tm-165	2.4923	2.5445	3.2550	3.1562	3.8088	3.2230	4.4364	4.9328
Tm-166	3.2741	3.2836	4.0732	4.1878	4.9656	4.2058	5.3659	5.4900
Tm-167	1.4285	1.4045	2.1479	1.7024	2.1515	1.7408	2.2098	2.5572
Tm-168	3.5557	3.5707	4.4349	4.5438	5.3761	4.7053	5.9692	6.3238
Tm-170	0.0737	0.0702	0.1443	0.0786	0.1007	0.0718	0.1007	0.1273
Tm-171	0.0114	0.0112	0.0198	0.0130	0.0165	0.0112	0.0161	0.0217
Tm-172	0.6761	0.6599	0.9236	0.8780	1.0121	0.8744	1.1181	1.1073
Tm-173	1.1263	1.1619	1.2170	1.5750	1.7404	1.6234	1.9961	2.2352
Tm-174	4.5747	4.6687	5.2810	6.4384	7.0486	6.6332	9.0871	9.6585
Tm-175	2.0971	2.1457	2.3593	2.8353	3.1744	2.8681	4.0714	4.5130
Tm-176	3.2648	3.2933	3.8732	4.5159	5.0132	4.5958	5.9760	6.1352
U-227	1.1461	1.0914	1.6518	1.4172	1.5449	1.4324	1.8174	1.9702
U-228	0.1494	0.1315	0.2271	0.1641	0.1814	0.1563	0.1766	0.2218
U-230	0.1539	0.1322	0.2332	0.1650	0.1807	0.1513	0.1664	0.2277

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	2.1332	1.9180	3.2775	2.2389	2.6639	2.2616	2.6133	3.0601
U-232	0.1426	0.1215	0.2188	0.1510	0.1653	0.1378	0.1494	0.2090
U-233	0.0745	0.0635	0.1189	0.0781	0.0863	0.0711	0.0779	0.1110
U-234	1.0996	1.0861	1.0799	1.1024	1.6102	1.5861	1.5814	1.5457
U-235	2.4008	2.4098	2.4183	2.4414	3.5548	3.5071	3.5008	3.6977
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1174	0.0998	0.1807	0.1237	0.1357	0.1131	0.1223	0.1717
U-237	1.9348	1.7963	2.8979	2.2972	2.5828	2.2350	2.6766	3.0480
U-238	0.9481	0.9448	0.9352	0.9435	1.3965	1.3843	1.3792	1.4558
U-239	0.6540	0.6639	0.8045	0.7424	0.9693	0.7322	1.0407	1.0658
U-240	0.3927	0.3321	0.6216	0.4057	0.4593	0.3828	0.4156	0.5461
U-242	0.2386	0.2427	0.2882	0.3165	0.3574	0.2908	0.4036	0.4760
V-47	0.0110	0.0097	0.0185	0.0144	0.0147	0.0133	0.0159	0.0171
V-48	2.4828	2.6077	2.7697	3.5720	4.0360	3.5603	4.8512	4.5325
V-49	0.0859	0.0611	0.2981	0.0825	0.0791	0.0483	0.0587	0.1463
V-50	1.3979	1.3114	1.5951	1.8881	2.0894	1.9596	2.3346	1.9379
V-52	1.2244	1.2116	1.2766	1.7360	1.9197	1.8062	2.1342	1.7800
V-53	1.2283	1.3066	1.3157	1.7956	2.0534	1.7814	2.6456	2.4715
W-177	3.8847	3.8646	5.8813	5.0805	5.6656	4.6321	6.2505	7.5095
W-178	0.3948	0.3547	0.8979	0.4570	0.5058	0.3318	0.4736	0.7516
W-179	1.1429	1.0877	2.1687	1.3486	1.6079	1.0835	1.5298	2.1119
W-179m	0.7653	0.7356	1.3569	0.9905	1.0840	0.7836	1.1230	1.5190
W-181	0.7574	0.7326	1.3976	0.9339	1.0725	0.7133	1.0545	1.5002
W-185m	0.6711	0.5515	1.7928	0.7411	0.7545	0.5325	0.6760	1.2066
W-185	0.0007	0.0006	0.0011	0.0008	0.0009	0.0007	0.0009	0.0013
W-187	1.2729	1.2985	1.5909	1.7283	1.8878	1.6189	2.2079	2.6105
W-188	0.0109	0.0107	0.0153	0.0154	0.0160	0.0147	0.0208	0.0238
W-190	1.7858	1.7486	2.8786	2.3991	2.5244	1.9518	2.6215	3.6920
Xe-120	2.0615	1.9827	2.2304	2.1826	3.1101	2.6279	3.1378	2.9332
Xe-121	1.6550	1.6344	1.8050	2.1046	2.5122	2.2609	2.8226	2.6292
Xe-122	0.7852	0.7529	0.8632	0.7603	1.2198	0.9867	1.1324	0.9734
Xe-123	1.5464	1.5153	1.6845	1.8628	2.3257	2.1109	2.4166	2.4531
Xe-125	1.8835	1.8093	2.0491	2.2856	2.8809	2.6541	3.0757	2.8736
Xe-127	1.8655	1.7787	1.9856	2.3265	2.8690	2.7429	3.0045	2.8201
Xe-127m	1.3715	1.3636	1.6633	1.6940	2.0129	1.8560	2.0283	2.1019
Xe-129m	1.0821	1.0677	1.3043	1.0503	1.7799	1.3380	1.5125	1.1800
Xe-131m	0.4601	0.4487	0.5736	0.4402	0.7383	0.5584	0.6281	0.5105
Xe-133	0.7259	0.7622	0.8889	0.7497	1.1886	0.8934	1.1770	0.9481
Xe-133m	0.5563	0.5437	0.6665	0.5909	0.8871	0.7178	0.8403	0.7007
Xe-135	1.1628	1.1646	1.2997	1.8213	1.7152	1.8068	2.5286	2.5465

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.0506	1.0594	1.1322	1.3899	1.5382	1.4411	2.0561	2.4372
Xe-137	0.4019	0.4072	0.4187	0.5536	0.5970	0.5711	0.7799	0.8950
Xe-138	1.5775	1.5156	1.7489	2.2371	2.3151	2.2309	2.8582	2.7537
Y-81	1.3474	1.3380	1.6440	1.6338	1.8628	1.6843	2.0151	2.2039
Y-83	1.0893	1.0812	1.1702	1.3561	1.5945	1.3745	1.7165	1.8369
Y-83m	1.1387	1.1284	1.2267	1.6349	1.6370	1.6446	2.2361	2.4204
Y-84m	4.0400	4.1933	4.2860	5.5786	6.3626	5.5992	7.7020	7.3646
Y-85	1.0536	1.0423	1.1241	1.3672	1.4797	1.3863	1.9828	2.3930
Y-85m	1.1480	1.1137	1.2064	1.5576	1.6608	1.5583	1.9416	1.9431
Y-86	4.2317	4.2939	4.4396	5.8704	6.4919	5.8584	7.6126	7.5301
Y-86m	1.0232	0.9600	1.0876	1.5379	1.5573	1.6979	1.8804	1.7709
Y-87	1.6612	1.6127	1.7684	2.0835	2.2595	2.1085	2.8552	3.5550
Y-87m	0.9453	0.9673	0.9487	1.2996	1.4443	1.3835	1.7303	1.8943
Y-88	3.1765	3.0208	3.2303	4.1770	4.6434	4.1663	5.2395	4.6943
Y-89m	1.2481	1.3041	1.3272	1.7133	1.9892	1.7170	2.4681	2.3161
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.0943	2.0261	2.1793	2.9764	3.1104	3.2137	3.9825	4.2974
Y-91	0.0028	0.0030	0.0031	0.0041	0.0046	0.0041	0.0053	0.0050
Y-91m	1.1356	1.1606	1.2062	1.5840	1.6724	1.5921	2.1994	2.6361
Y-92	0.3239	0.3346	0.3427	0.4526	0.5113	0.4568	0.6326	0.6113
Y-93	0.1606	0.1604	0.1688	0.2364	0.2434	0.2391	0.3303	0.3166
Y-94	0.9670	1.0037	1.0229	1.3464	1.5353	1.3479	1.8941	1.7921
Y-95	0.7647	0.7531	0.7751	1.0821	1.1675	1.0450	1.3104	1.1559
Yb-162	1.8067	1.8154	2.6015	2.2058	2.6259	2.2050	2.7405	3.3842
Yb-163	1.4700	1.4586	2.1841	1.7680	2.1742	1.7028	2.3004	2.6616
Yb-164	0.7767	0.7892	1.2169	0.8323	1.1724	0.8137	1.1367	1.4371
Yb-165	2.1119	2.0939	3.5505	2.3046	3.0702	2.2162	3.1021	3.7768
Yb-166	1.4557	1.4818	2.2724	1.5401	2.1910	1.5237	2.1498	2.6408
Yb-167	3.0984	3.0739	5.1027	3.5334	4.4549	3.4740	4.4918	5.4610
Yb-169	3.4856	3.4900	5.1310	4.2294	5.2120	4.0893	5.4011	6.5377
Yb-175	0.1643	0.1678	0.2049	0.2228	0.2479	0.2248	0.2937	0.3293
Yb-177	0.5427	0.5558	0.6922	0.7368	0.8068	0.7143	0.8922	1.0604
Yb-178	0.1208	0.1244	0.1390	0.1646	0.1873	0.1742	0.2275	0.2530
Yb-179	2.1360	2.2205	2.3574	3.0254	3.2609	3.0231	3.9562	4.5950
Zn-60	1.2833	1.3381	1.4608	1.8369	1.9834	1.7555	2.3470	2.6452
Zn-61	0.5625	0.5510	0.5896	0.7814	0.8391	0.7866	1.0210	1.0066
Zn-62	1.2274	1.1848	2.1092	1.5706	1.7420	1.4555	1.9624	2.5016
Zn-63	0.2236	0.2268	0.2883	0.3097	0.3406	0.2994	0.3985	0.4188
Zn-65	0.8697	0.8289	1.6371	1.1280	1.2304	1.0078	1.3739	1.6022
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.0756	1.0935	1.1539	1.4902	1.6036	1.5384	2.0380	2.3728
Zn-71	0.6211	0.6321	0.6675	0.8479	0.9196	0.8638	1.2352	1.4067
Zn-71m	3.3772	3.4846	3.5393	4.7570	5.1218	4.8732	6.4661	7.3795
Zn-72	1.3966	1.2819	2.5105	1.7611	1.7649	1.6465	1.8110	2.5348
Zr-85	1.0656	1.0778	1.1038	1.4737	1.5961	1.5153	1.9860	2.1845
Zr-86	2.4568	2.3271	2.6092	3.2723	3.3813	3.2994	4.0636	4.3022
Zr-87	0.1913	0.1838	0.2019	0.2423	0.2660	0.2376	0.2785	0.2961
Zr-88	1.6403	1.6168	1.6729	2.1642	2.3642	2.2209	2.6014	2.9288
Zr-89	1.7252	1.7312	1.8241	2.2600	2.5805	2.2463	3.0313	2.9954
Zr-89m	1.1571	1.1899	1.2239	1.6498	1.7434	1.6455	2.1276	2.4458
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2132	1.2559	1.2835	1.6171	1.8376	1.6292	2.1013	2.1122
Zr-97	1.4333	1.4784	1.5154	1.9263	2.1725	1.9458	2.5367	2.5657

Table 14: Adobe Infinite Contamination for 400x400x40 ft room

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.0529	0.0446	0.0497	0.0709	0.2697	0.2488	0.2836	0.4120
Ac-224	0.5631	0.4988	0.4574	0.6762	3.2529	3.0497	3.1062	3.5322
Ac-225	0.0748	0.0639	0.0676	0.0970	0.3714	0.3525	0.4048	0.6149
Ac-226	0.2671	0.2346	0.2291	0.3372	1.5842	1.4307	1.3979	1.7092
Ac-227	0.0129	0.0102	0.0153	0.0206	0.0528	0.0494	0.0622	0.1256
Ac-228	0.4631	0.4021	0.3845	0.5059	2.7169	2.1158	2.6249	3.4487
Ac-230	0.2076	0.1799	0.1766	0.2160	1.2163	0.9425	1.2467	1.4424
Ac-231	0.6059	0.5252	0.4838	0.6960	3.6717	3.1496	3.3129	3.7913
Ac-232	0.3516	0.3098	0.3015	0.3303	2.1023	1.5940	2.2789	2.6004
Ac-233	0.3137	0.2662	0.2173	0.3394	1.9308	1.5223	1.4171	1.9142
Ag-100m	0.6197	0.5419	0.4826	0.5803	3.8173	2.7992	3.5639	4.8805
Ag-101	0.4888	0.4340	0.4051	0.4720	3.0092	2.3962	2.6750	3.2770
Ag-102m	0.3930	0.3412	0.3214	0.3884	2.4336	1.8507	2.4647	2.4826
Ag-102	0.9225	0.8034	0.7153	0.9020	5.6802	4.2504	5.1069	6.4757
Ag-103	0.4622	0.4094	0.3821	0.5112	2.8208	2.3754	2.4075	2.9545
Ag-104	1.1109	0.9757	0.8575	1.0775	6.7548	5.1188	6.0112	7.7732
Ag-104m	0.4526	0.3935	0.3417	0.4433	2.7591	2.1603	2.3934	3.0437
Ag-105	0.5350	0.4738	0.4199	0.5042	3.2089	2.5989	2.8217	3.5608
Ag-105m	0.0042	0.0030	0.0058	0.0088	0.0177	0.0155	0.0168	0.0381
Ag-106	0.1057	0.0965	0.0834	0.0856	0.6108	0.5293	0.5152	0.6067
Ag-106m	1.3389	1.1678	1.0333	1.3384	8.1575	6.2459	7.2071	8.9704
Ag-108	0.0113	0.0100	0.0085	0.0096	0.0657	0.0533	0.0568	0.0954
Ag-108m	0.9994	0.8631	0.7176	0.9542	6.0045	4.6618	5.2623	7.5828
Ag-109m	0.0694	0.0677	0.0635	0.0462	0.3745	0.3710	0.3941	0.4124
Ag-110	0.0153	0.0132	0.0107	0.0145	0.0923	0.0696	0.0749	0.1452
Ag-110m	1.0633	0.9249	0.8181	1.0682	6.4994	4.7417	5.8073	8.5805
Ag-111	0.0252	0.0211	0.0188	0.0278	0.1594	0.1214	0.1400	0.1616
Ag-111m	0.0382	0.0368	0.0367	0.0274	0.2038	0.1958	0.2062	0.2365
Ag-112	0.2439	0.2110	0.1844	0.2364	1.4942	1.1124	1.3139	2.0696
Ag-113m	0.1814	0.1523	0.1350	0.1995	1.1271	0.8648	0.9692	1.2406
Ag-113	0.0569	0.0486	0.0440	0.0608	0.3605	0.2757	0.3004	0.3842
Ag-114	0.1009	0.0867	0.0739	0.1024	0.6241	0.4755	0.5234	0.7136
Ag-115	0.2137	0.1896	0.1795	0.2164	1.3424	1.0588	1.2471	1.2818
Ag-116	0.5993	0.5127	0.4668	0.6471	3.7205	2.8225	3.4181	3.6580
Ag-117	0.4065	0.3475	0.3278	0.4621	2.5857	1.9822	2.5397	2.4647
Ag-99	0.6247	0.5519	0.5254	0.6086	3.8968	2.9895	3.6113	3.9369
Al-26	0.3677	0.3328	0.3329	0.2886	2.3789	1.7057	2.8208	2.0460
Al-28	0.3613	0.3274	0.3271	0.2782	2.3395	1.6675	2.7317	1.9973
Al-29	0.3091	0.2660	0.2982	0.3798	1.8780	1.3450	1.8731	2.2638

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	0.6266	0.5410	0.5019	0.7146	3.6487	3.2691	3.4621	4.0743
Am-238	0.6395	0.5568	0.5197	0.7256	3.7003	3.1626	3.6023	4.6883
Am-239	0.6919	0.6005	0.5685	0.8184	3.8839	3.6903	3.8294	4.5840
Am-240	0.6938	0.6084	0.5929	0.7982	3.9479	3.3307	3.9675	5.3885
Am-241	1.0678	1.0456	1.0240	1.0556	1.1212	1.0633	1.1211	1.1309
Am-242	0.0966	0.0844	0.0847	0.1039	0.4924	0.4774	0.5228	0.7221
Am-242m	0.0588	0.0512	0.0585	0.0601	0.2663	0.2538	0.2999	0.5006
Am-243	0.2315	0.2173	0.1652	0.2412	1.3186	1.2653	1.2846	1.4168
Am-244	0.5999	0.5215	0.4913	0.6349	3.3736	2.7735	3.1558	4.5446
Am-244m	0.0352	0.0312	0.0334	0.0345	0.1723	0.1584	0.1853	0.2864
Am-245	0.0756	0.0663	0.0634	0.0833	0.4404	0.3991	0.4113	0.4791
Am-246	0.7931	0.6944	0.6606	0.8549	4.4489	3.8156	3.9844	5.9759
Am-246m	0.4053	0.3561	0.3515	0.4443	2.3910	1.8131	2.3109	3.1433
Am-247	0.2723	0.2362	0.2191	0.3103	1.6066	1.4346	1.4638	1.7335
Ar-37	0.0038	0.0025	0.0062	0.0099	0.0137	0.0124	0.0136	0.0387
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.3035	0.2622	0.2942	0.3671	1.8440	1.3093	1.7876	2.2504
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	0.4041	0.3530	0.3484	0.4353	2.4986	1.8179	2.5062	2.8741
Ar-44	0.5963	0.5316	0.5227	0.6275	3.8039	2.9401	3.7950	3.4544
As-68	0.7901	0.6932	0.6677	0.8280	4.8652	3.5411	4.7507	6.1381
As-69	0.1081	0.0941	0.0960	0.1302	0.6625	0.5431	0.6064	0.6683
As-70	1.0235	0.8995	0.8817	1.0918	6.2998	4.6029	6.1332	7.9129
As-71	0.3513	0.2911	0.3297	0.5944	2.0825	1.8108	1.5752	2.4207
As-72	0.3316	0.2858	0.2579	0.3502	2.0121	1.4612	1.8750	2.3431
As-73	0.1632	0.1156	0.2404	0.3720	0.6445	0.5801	0.6174	1.5429
As-74	0.2684	0.2255	0.2050	0.2989	1.5716	1.2123	1.2278	2.4695
As-76	0.1981	0.1697	0.1409	0.2041	1.2175	0.9320	0.9563	1.4897
As-77	0.0099	0.0089	0.0085	0.0103	0.0625	0.0527	0.0522	0.0545
As-78	0.4507	0.3892	0.3499	0.4575	2.7596	2.0415	2.4634	3.6538
As-79	0.0195	0.0163	0.0142	0.0214	0.1207	0.0894	0.1123	0.1293
At-204	1.3467	1.1549	0.9567	1.4238	8.1224	6.4417	7.0829	9.5301
At-205	0.6602	0.5799	0.5003	0.7207	3.8705	3.2569	3.7406	4.7825
At-206	1.3860	1.1947	1.0243	1.4791	8.3629	6.6207	7.6998	9.5853
At-207	1.0503	0.9209	0.8101	1.1220	6.2512	5.0797	6.0297	7.3686
At-208	1.6180	1.4136	1.2434	1.7775	9.6640	7.7743	8.7986	12.5829
At-209	1.4704	1.2889	1.0970	1.5730	8.7469	7.1734	8.0277	9.6663
At-210	1.2837	1.1448	1.1469	1.3749	7.7161	6.1798	7.6253	8.6157

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-211	0.1435	0.1294	0.1108	0.1684	0.7809	0.7749	0.8656	0.9645
At-215	0.0002	0.0001	0.0001	0.0002	0.0009	0.0007	0.0010	0.0010
At-216	0.0074	0.0067	0.0056	0.0087	0.0420	0.0399	0.0426	0.0477
At-217	0.0003	0.0003	0.0003	0.0004	0.0021	0.0018	0.0019	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	0.4898	0.4318	0.4060	0.4986	3.0469	2.4937	2.6810	2.9776
Au-186	0.7169	0.6366	0.5754	0.8565	4.3537	3.5530	3.6496	4.5750
Au-187	0.5842	0.5228	0.4851	0.7097	3.4326	2.7791	3.0356	3.9543
Au-190	0.8959	0.7827	0.7194	1.0254	5.4963	4.3072	5.0228	5.7904
Au-191	0.7133	0.6329	0.5529	0.8785	4.2185	3.4905	3.4307	4.8083
Au-192	0.8242	0.7246	0.6561	0.9340	5.0586	3.9272	4.5987	5.3751
Au-193	0.4312	0.3962	0.3419	0.5703	2.4910	2.1766	1.9361	2.7752
Au-193m	0.3510	0.3126	0.3263	0.3997	2.0759	1.7582	1.8324	2.2142
Au-194	0.6434	0.5675	0.5035	0.7531	3.9011	3.0645	3.3693	4.3200
Au-195	0.3536	0.3222	0.2921	0.5018	1.9362	1.7449	1.5683	2.4354
Au-195m	0.3523	0.3128	0.3238	0.4044	2.0811	1.7560	1.8321	2.2493
Au-196	0.5787	0.4983	0.4244	0.7094	3.4840	2.7550	2.9864	3.8385
Au-196m	0.6410	0.5579	0.5579	0.9791	3.6364	3.2432	2.9338	4.4690
Au-198	0.3120	0.2545	0.2234	0.3496	1.9140	1.4296	1.9575	1.9485
Au-198m	1.0722	0.9607	0.8964	1.3931	6.3583	5.8076	5.4045	6.3312
Au-199	0.2076	0.1764	0.1720	0.3491	1.2598	1.1347	0.9409	1.4153
Au-200	0.1123	0.0942	0.0924	0.1318	0.6890	0.5043	0.6654	0.7929
Au-200m	1.5018	1.2923	1.1345	1.6717	9.3008	7.3826	7.6972	9.5845
Au-201	0.0327	0.0276	0.0270	0.0427	0.1863	0.1536	0.1561	0.2423
Au-202	0.0747	0.0635	0.0591	0.0846	0.4586	0.3418	0.4285	0.4978
Ba-124	0.3740	0.3351	0.3223	0.3731	2.2501	1.9548	2.1205	2.0705
Ba-126	0.4920	0.4430	0.4253	0.4535	2.9810	2.5049	2.8004	2.8300
Ba-127	0.2002	0.1814	0.1722	0.1942	1.1981	1.0791	1.1593	1.0131
Ba-128	0.2055	0.1893	0.1850	0.1512	1.2079	1.1062	1.2443	0.9271
Ba-129	0.2206	0.2023	0.1962	0.1850	1.3086	1.1818	1.2944	1.0435
Ba-129m	0.9593	0.8421	0.7943	1.0167	5.8467	4.7188	5.3542	5.9331
Ba-131	0.5794	0.5128	0.4599	0.5580	3.5393	3.0229	3.1439	2.8955
Ba-131m	0.2552	0.2243	0.2053	0.2791	1.5156	1.4622	1.5003	1.2861
Ba-133	0.6474	0.5713	0.5117	0.6028	3.8971	3.3669	3.8944	3.4925
Ba-133m	0.1851	0.1656	0.1730	0.1634	1.0736	0.9662	1.0768	0.9268
Ba-135m	0.1663	0.1517	0.1506	0.1278	0.9859	0.8938	0.9939	0.7557
Ba-137m	0.3066	0.2643	0.2146	0.2877	1.8475	1.4014	1.5141	2.8349
Ba-139	0.0785	0.0660	0.0649	0.1317	0.5006	0.4506	0.3595	0.4901
Ba-140	0.1738	0.1473	0.1417	0.2059	1.0301	0.8535	0.8605	1.0949

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ba-141	0.5927	0.5151	0.4771	0.6592	3.7036	2.9433	3.1598	3.7467
Ba-142	0.5398	0.4781	0.4648	0.5756	3.3177	2.6140	3.1065	3.6346
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0333	0.0280	0.0225	0.0361	0.2082	0.1622	0.1646	0.1707
Bi-197	0.7632	0.6766	0.6257	0.8640	4.5007	3.6335	4.3870	5.4726
Bi-200	1.5521	1.3508	1.2239	1.7537	9.3789	7.5018	8.8022	10.3081
Bi-201	0.7846	0.6987	0.6462	0.8725	4.6575	3.7431	4.6087	5.4371
Bi-202	1.4411	1.2562	1.1281	1.6054	8.6623	6.7884	8.1635	10.7442
Bi-203	0.9880	0.8799	0.8037	1.0369	5.9490	4.6986	5.9584	6.5639
Bi-204	1.4462	1.2674	1.1646	1.6241	8.6925	6.7682	8.4302	10.4935
Bi-205	0.7484	0.6673	0.6095	0.7888	4.4632	3.5803	4.4503	5.2669
Bi-206	1.6865	1.4783	1.2876	1.8149	10.2027	8.0175	9.3888	11.0899
Bi-207	0.8433	0.7441	0.6648	0.9518	5.0006	4.0438	4.5222	6.4164
Bi-208	0.4990	0.4213	0.4326	0.6500	2.9303	2.3942	3.4054	2.9044
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	0.3154	0.2772	0.2578	0.3291	1.9759	1.6000	1.6788	1.9556
Bi-211	0.0469	0.0390	0.0337	0.0546	0.2891	0.2225	0.2651	0.3115
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.0553	0.0469	0.0491	0.0644	0.3089	0.2402	0.3001	0.4384
Bi-213	0.1013	0.0848	0.0720	0.1125	0.6176	0.4867	0.5831	0.5984
Bi-214	0.4459	0.3897	0.3651	0.4438	2.7541	2.0295	2.6372	3.3963
Bi-215	0.2282	0.1989	0.1787	0.2484	1.3938	1.1435	1.2599	1.4939
Bi-216	0.4774	0.4031	0.3278	0.5045	2.9374	2.2802	2.4234	3.1631
Bk-245	0.5785	0.5031	0.4676	0.6638	3.3619	3.0885	3.1606	3.6844
Bk-246	0.6361	0.5521	0.5117	0.6888	3.6342	3.0359	3.4897	4.4361
Bk-247	0.3213	0.2872	0.2487	0.3468	1.9223	1.7884	1.8652	1.8867
Bk-248m	0.1237	0.1074	0.1005	0.1370	0.6848	0.6329	0.6504	0.8542
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	0.3514	0.3132	0.3215	0.4020	2.0808	1.5636	2.0521	2.9972
Bk-251	0.2702	0.2321	0.2202	0.3297	1.5352	1.4050	1.3860	1.8286
Br-72	0.6321	0.5488	0.5227	0.6826	3.8763	2.8262	3.7561	4.4013
Br-73	0.3299	0.2930	0.2425	0.3824	2.0013	1.5470	1.6202	2.3214
Br-74	0.7117	0.6044	0.5948	0.7805	4.3398	3.3342	4.3535	5.3087
Br-74m	0.8889	0.7626	0.7007	0.9122	5.4108	4.0453	5.0506	7.2440
Br-75	0.4301	0.3673	0.3494	0.4790	2.6749	2.0988	2.2804	2.8221
Br-76	0.6519	0.5568	0.5278	0.7059	3.9423	2.9955	3.7407	4.6672
Br-76m	0.2548	0.2206	0.2398	0.2815	1.2518	1.1778	1.3601	2.0311
Br-77	0.3366	0.2869	0.3016	0.4127	1.8992	1.5716	1.6953	2.4036
Br-77m	0.1136	0.0952	0.1067	0.1603	0.5288	0.5072	0.6358	1.0359
Br-78	0.0517	0.0438	0.0390	0.0553	0.2985	0.2310	0.2454	0.4995

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-80	0.0325	0.0274	0.0251	0.0356	0.1845	0.1431	0.1547	0.3176
Br-80m	0.2182	0.1889	0.2214	0.2502	1.0122	0.9875	1.2643	1.8855
Br-82m	0.0803	0.0665	0.0847	0.1164	0.3183	0.2958	0.4392	0.8701
Br-82	1.0731	0.9281	0.8047	1.0900	6.5793	4.8644	5.6743	8.0696
Br-83	0.0042	0.0036	0.0028	0.0044	0.0260	0.0204	0.0189	0.0253
Br-84m	0.9967	0.8597	0.8111	1.0276	6.1837	4.4625	6.0449	6.5401
Br-84	0.3704	0.3208	0.3138	0.3913	2.2989	1.6895	2.4407	2.4427
Br-85	0.0240	0.0210	0.0190	0.0249	0.1479	0.1073	0.1403	0.1667
C-10	0.3258	0.2803	0.2273	0.3145	1.9831	1.4570	1.6902	2.6427
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0068	0.0045	0.0111	0.0176	0.0244	0.0221	0.0242	0.0690
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.2711	0.2340	0.2510	0.3190	1.6542	1.1852	1.5683	1.9316
Ca-49	0.3186	0.2521	0.2790	0.4054	1.9264	1.5030	2.4225	1.6836
Cd-101	0.6450	0.5745	0.5416	0.6522	3.9379	3.2295	3.9957	4.0866
Cd-102	0.5152	0.4562	0.4013	0.5069	3.1027	2.5557	2.7309	3.0614
Cd-103	0.5315	0.4782	0.4677	0.4857	3.2233	2.5107	3.3553	3.4014
Cd-104	0.3903	0.3669	0.3056	0.3203	2.2380	2.0924	2.2221	2.4420
Cd-105	0.3632	0.3287	0.3169	0.3208	2.1875	1.7231	2.2487	2.3907
Cd-107	0.1994	0.1961	0.1842	0.1192	1.0715	1.0576	1.1255	1.1824
Cd-109	0.1846	0.1820	0.1714	0.1083	0.9887	0.9764	1.0405	1.0965
Cd-111m	0.4722	0.4290	0.4240	0.4887	2.9615	2.5529	2.5262	2.6424
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0002	0.0002	0.0002	0.0001	0.0010	0.0009	0.0010	0.0010
Cd-115	0.1302	0.1123	0.0911	0.1331	0.8098	0.6463	0.6116	0.7353
Cd-115m	0.0109	0.0095	0.0094	0.0125	0.0666	0.0484	0.0627	0.0826
Cd-117	0.4400	0.3839	0.3739	0.4573	2.7468	2.0619	2.5821	2.8691
Cd-117m	0.5351	0.4693	0.4601	0.5581	3.3305	2.4515	3.4656	3.7380
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	0.5317	0.4626	0.4479	0.5455	3.3626	2.4894	3.2931	3.3858
Cd-119m	0.6259	0.5480	0.5414	0.6616	3.8808	2.8543	4.0096	4.4253
Ce-130	0.5396	0.4768	0.4517	0.5479	3.3042	2.8599	2.9995	2.9759
Ce-131	0.6845	0.5944	0.5658	0.7327	4.1884	3.3817	3.9156	4.3257
Ce-132	0.5132	0.4554	0.4431	0.6094	3.1493	2.8561	2.6723	2.7116
Ce-133	0.4591	0.4156	0.3768	0.4160	2.7015	2.6373	2.7843	2.2442
Ce-133m	0.9702	0.8530	0.7747	0.9482	5.9477	4.8129	5.4275	5.6100
Ce-134	0.1595	0.1468	0.1491	0.1100	0.9189	0.8957	0.9899	0.6754
Ce-135	0.7171	0.6323	0.5801	0.6696	4.3953	3.6312	3.8854	4.3571
Ce-137	0.1784	0.1610	0.1728	0.1442	1.0063	0.9706	1.0788	0.8267

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-137m	0.1599	0.1462	0.1513	0.1228	0.9485	0.8985	0.9624	0.7606
Ce-139	0.3958	0.3434	0.3430	0.5305	2.4357	2.2575	2.0318	2.1944
Ce-141	0.1576	0.1318	0.1255	0.2427	1.0124	0.9011	0.7477	0.9683
Ce-143	0.3571	0.3164	0.2971	0.3270	2.1874	1.8778	1.9509	2.0784
Ce-144	0.0474	0.0412	0.0378	0.0554	0.2973	0.2689	0.2508	0.2604
Ce-145	0.5908	0.5231	0.4770	0.5529	3.5693	2.9657	3.2485	3.7844
Cf-244	0.0213	0.0189	0.0208	0.0197	0.0982	0.0940	0.1097	0.1768
Cf-246	0.0147	0.0130	0.0143	0.0136	0.0676	0.0648	0.0754	0.1212
Cf-247	0.3757	0.3250	0.3191	0.4274	2.0304	1.8936	1.9759	2.6494
Cf-248	0.0176	0.0156	0.0171	0.0163	0.0814	0.0779	0.0906	0.1452
Cf-249	0.3298	0.2725	0.2506	0.3646	1.9685	1.5298	1.9835	2.2055
Cf-250	0.0168	0.0148	0.0157	0.0160	0.0828	0.0752	0.0885	0.1330
Cf-251	0.3308	0.2876	0.2734	0.4035	1.8901	1.7510	1.7224	2.1775
Cf-252	0.1693	0.1466	0.1386	0.1800	1.0302	0.7991	0.9804	1.1486
Cf-253	0.0464	0.0410	0.0464	0.0439	0.2198	0.2110	0.2378	0.3598
Cf-254	5.7394	4.9598	4.6231	6.1702	35.6476	27.2378	33.5907	38.1674
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	0.3358	0.2849	0.2878	0.4291	2.1448	1.6798	2.2513	2.0383
Cl-36	0.0001	0.0000	0.0001	0.0001	0.0002	0.0002	0.0002	0.0005
Cl-38	0.2646	0.2359	0.2384	0.2303	1.7007	1.2302	2.0277	1.4393
Cl-39	0.4817	0.4287	0.4528	0.4899	3.0154	2.2540	2.8539	3.0848
Cl-40	0.6545	0.5616	0.5898	0.6995	4.0707	2.9868	4.4475	3.9879
Cm-238	0.2692	0.2322	0.2104	0.3251	1.5207	1.4638	1.4944	1.7695
Cm-239	0.5871	0.5115	0.4764	0.7716	3.4695	3.2297	3.0076	3.6485
Cm-240	0.0245	0.0215	0.0235	0.0236	0.1104	0.1053	0.1282	0.2134
Cm-241	0.6995	0.5970	0.5475	0.8077	3.9943	3.5198	3.6942	4.5177
Cm-242	0.0220	0.0193	0.0211	0.0212	0.0990	0.0944	0.1151	0.1917
Cm-243	0.3458	0.3006	0.2946	0.4032	1.9393	1.8020	1.8821	2.3068
Cm-244	0.0189	0.0165	0.0181	0.0182	0.0850	0.0811	0.0989	0.1646
Cm-245	0.3552	0.3061	0.2854	0.4414	1.9819	1.9160	1.9553	2.3984
Cm-246	0.0163	0.0142	0.0154	0.0158	0.0754	0.0705	0.0860	0.1394
Cm-247	0.2611	0.2128	0.1903	0.2922	1.6010	1.2051	1.6671	1.6558
Cm-248	0.4615	0.3989	0.3738	0.4946	2.8420	2.1836	2.6914	3.0987
Cm-249	0.0238	0.0181	0.0273	0.0422	0.1158	0.0961	0.1015	0.2198
Cm-250	4.5306	3.9154	3.6513	4.8699	28.1375	21.5012	26.5351	30.1135
Cm-251	0.0922	0.0788	0.0681	0.1008	0.5514	0.4528	0.4662	0.6136
Co-54m	0.9505	0.8157	0.8275	1.0619	5.8474	4.2092	5.8373	6.7100
Co-55	0.4353	0.3794	0.3693	0.4881	2.6628	1.9482	2.5018	3.1654
Co-56	0.8448	0.7259	0.7438	0.9683	5.1350	3.7408	5.2360	5.8542

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-57	0.2835	0.2299	0.2403	0.4384	1.6753	1.4230	1.3297	1.9375
Co-58	0.3544	0.3017	0.2768	0.3878	2.1183	1.5363	1.9461	2.3652
Co-58m	0.0273	0.0181	0.0446	0.0705	0.0980	0.0889	0.0974	0.2767
Co-60	0.6275	0.5464	0.6008	0.7476	3.8226	2.7220	3.7192	4.7802
Co-60m	0.0353	0.0250	0.0527	0.0834	0.1402	0.1241	0.1275	0.3346
Co-61	0.2234	0.2179	0.1469	0.2709	1.3413	1.1479	0.9149	1.3524
Co-62	0.3698	0.3212	0.3480	0.4474	2.2578	1.6368	2.3215	2.7950
Co-62m	0.6589	0.5769	0.6191	0.7674	4.0395	2.9160	4.1544	4.9929
Cr-48	0.5614	0.4694	0.4121	0.7037	3.5288	2.9470	2.9423	3.5074
Cr-49	0.2695	0.2381	0.1907	0.3834	1.6613	1.5742	1.3960	1.5959
Cr-51	0.0443	0.0338	0.0454	0.0734	0.2405	0.1867	0.2022	0.3529
Cr-55	0.0002	0.0001	0.0001	0.0001	0.0010	0.0007	0.0010	0.0009
Cr-56	0.3455	0.3236	0.2605	0.3458	2.0118	2.0278	2.1850	1.8732
Cs-121	0.2270	0.1972	0.1839	0.2714	1.4124	1.1793	1.2052	1.3965
Cs-121m	0.4204	0.3712	0.3470	0.4822	2.5959	2.1952	2.2059	2.4050
Cs-123	0.3339	0.2966	0.2614	0.3278	2.0039	1.7535	1.9043	2.0427
Cs-124	0.1266	0.1071	0.0969	0.1328	0.7861	0.5964	0.7555	0.7941
Cs-125	0.2842	0.2515	0.2219	0.2621	1.7150	1.4472	1.5859	1.5939
Cs-126	0.2167	0.1826	0.1654	0.2247	1.3252	1.0155	1.3491	1.3300
Cs-127	0.4421	0.3835	0.3481	0.4194	2.6668	2.1960	2.6842	2.4496
Cs-128	0.1533	0.1333	0.1196	0.1458	0.9270	0.7578	0.8982	0.8278
Cs-129	0.4105	0.3633	0.3374	0.3542	2.4409	2.0889	2.5329	2.1711
Cs-130m	0.3119	0.2872	0.2595	0.2708	1.8103	1.7432	1.8957	1.4729
Cs-130	0.1025	0.0955	0.0904	0.0720	0.5946	0.5475	0.6236	0.4768
Cs-131	0.1485	0.1405	0.1362	0.0945	0.8466	0.8126	0.9349	0.6307
Cs-132	0.4814	0.4264	0.3665	0.4137	2.8615	2.3190	2.5723	3.7099
Cs-134	0.7256	0.6235	0.5064	0.7132	4.4361	3.3004	3.6897	5.5793
Cs-134m	0.1050	0.0917	0.0988	0.1142	0.5960	0.5395	0.5760	0.5652
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	0.6513	0.5643	0.4762	0.6492	3.9943	2.8815	3.6617	4.3035
Cs-136	0.9296	0.8063	0.7527	1.0577	5.7263	4.2866	5.2343	6.6079
Cs-137	1.7389	1.7085	1.7206	1.6852	1.8014	1.7427	1.9232	1.7972
Cs-138m	0.2730	0.2433	0.2345	0.2659	1.6520	1.3831	1.5597	1.4339
Cs-138	0.6541	0.5700	0.5640	0.6900	4.0737	2.9775	4.0200	4.2757
Cs-139	0.0663	0.0574	0.0592	0.0715	0.4100	0.2986	0.4238	0.4545
Cs-140	0.4486	0.3872	0.3616	0.4607	2.7718	2.0668	2.7121	3.2956
Cu-57	0.0330	0.0288	0.0302	0.0398	0.2004	0.1451	0.1964	0.2652
Cu-59	0.1574	0.1346	0.1300	0.1760	0.9707	0.7061	0.9075	1.0774
Cu-60	0.6632	0.5806	0.5994	0.6811	4.1300	2.9709	4.3447	4.3119
Cu-61	0.1307	0.1111	0.1129	0.1595	0.7708	0.5995	0.6522	1.0203

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-62	0.0027	0.0022	0.0031	0.0044	0.0145	0.0110	0.0144	0.0227
Cu-64	0.0178	0.0121	0.0281	0.0439	0.0677	0.0596	0.0671	0.1761
Cu-66	0.0318	0.0283	0.0292	0.0381	0.1940	0.1404	0.1892	0.2750
Cu-67	0.2175	0.1913	0.1799	0.3093	1.3304	1.2443	1.0977	1.2369
Cu-69	0.1922	0.1687	0.1600	0.2122	1.1790	0.8623	1.0891	1.5017
Dy-148	0.4937	0.4273	0.3782	0.4529	2.9473	2.4392	2.4266	4.0108
Dy-149	0.7760	0.6817	0.6557	0.7439	4.7185	3.9025	4.4978	4.8285
Dy-150	0.3104	0.2584	0.2450	0.3145	1.8699	1.5234	1.9056	1.8316
Dy-151	0.7347	0.6349	0.6124	0.7578	4.4565	3.5690	4.0562	4.7463
Dy-152	0.5063	0.4541	0.4599	0.4510	3.1443	2.7299	2.7587	2.6742
Dy-153	0.8475	0.7452	0.7227	0.8222	5.1195	4.4978	4.6281	4.8295
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	0.6079	0.5436	0.5386	0.5977	3.7081	3.2049	3.2454	3.4538
Dy-157	0.4640	0.3913	0.3646	0.4753	2.8584	2.3653	2.4339	2.7943
Dy-159	0.2117	0.1868	0.1926	0.1749	1.2330	1.1900	1.1117	1.0518
Dy-165m	0.0504	0.0408	0.0520	0.0729	0.2685	0.2459	0.2378	0.3314
Dy-165	0.0429	0.0373	0.0338	0.0434	0.2551	0.2304	0.2257	0.2466
Dy-166	0.1696	0.1486	0.1441	0.1708	0.9725	0.9121	0.8738	0.8947
Dy-167	0.4643	0.4024	0.3625	0.4701	2.8848	2.3154	2.3218	3.0159
Dy-168	0.4035	0.3478	0.3163	0.4520	2.4582	2.0678	1.9827	2.3608
Er-154	0.2422	0.2161	0.2207	0.2148	1.3728	1.2835	1.2484	1.2459
Er-156	0.2978	0.2559	0.2876	0.3161	1.6556	1.5382	1.4912	1.6310
Er-159	0.5946	0.5174	0.4757	0.5902	3.5838	2.9292	3.0196	4.1841
Er-161	0.6173	0.5386	0.5063	0.6236	3.7082	2.9915	3.2697	3.7675
Er-163	0.1785	0.1558	0.1540	0.1591	1.0329	0.9509	0.8617	0.8812
Er-165	0.1720	0.1500	0.1489	0.1543	0.9937	0.9152	0.8291	0.8516
Er-167m	0.1776	0.1605	0.1608	0.2012	1.0648	0.9506	0.8504	0.9097
Er-169	0.0008	0.0005	0.0013	0.0020	0.0029	0.0026	0.0028	0.0080
Er-171	0.4887	0.4135	0.3711	0.5505	3.0441	2.4589	2.4358	2.9696
Er-172	0.4732	0.4024	0.3495	0.4923	2.8377	2.2581	2.4038	3.2158
Er-173	0.7525	0.6668	0.6149	0.8765	4.5931	3.8785	3.7707	4.3696
Es-249	0.5142	0.4364	0.3965	0.5924	3.0314	2.5640	2.8466	3.3936
Es-250	1.4403	1.2475	1.1737	1.5545	8.1924	7.0148	7.7043	9.8744
Es-250m	0.4485	0.3906	0.3713	0.5168	2.6154	2.2283	2.4419	3.1946
Es-251	0.3393	0.2920	0.2818	0.3977	1.8774	1.7305	1.7591	2.3590
Es-253	0.0058	0.0051	0.0057	0.0058	0.0274	0.0259	0.0300	0.0471
Es-254	0.1983	0.1713	0.2032	0.2183	0.9071	0.8593	0.9888	1.6602
Es-254m	0.3011	0.2619	0.2282	0.2832	1.7417	1.3809	1.5070	2.6132
Es-255	0.0002	0.0002	0.0002	0.0003	0.0014	0.0011	0.0014	0.0016
Es-256	0.0290	0.0264	0.0285	0.0246	0.1413	0.1364	0.1531	0.2150

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-142	0.0807	0.0709	0.0669	0.0744	0.4985	0.3822	0.4989	0.5050
Eu-142m	1.1070	0.9616	0.8709	1.1829	6.7537	5.0672	5.9423	8.3586
Eu-143	0.1358	0.1214	0.1263	0.1239	0.8335	0.6973	0.8697	0.8292
Eu-144	0.0648	0.0584	0.0598	0.0516	0.4040	0.3261	0.4264	0.3591
Eu-145	0.5624	0.4994	0.4862	0.5187	3.4354	2.8064	3.3841	3.7301
Eu-146	1.0542	0.9176	0.8223	0.9936	6.4090	4.9977	5.8014	8.1443
Eu-147	0.4775	0.4262	0.4215	0.4663	2.8944	2.6333	2.6350	2.8890
Eu-148	1.2204	1.0554	0.9255	1.1914	7.4472	5.9120	6.2977	9.2000
Eu-149	0.2036	0.1813	0.2020	0.1761	1.1914	1.1867	1.1755	1.1301
Eu-150	1.0790	0.9139	0.8194	1.1171	6.6549	5.2685	5.8958	7.1318
Eu-150m	0.0421	0.0361	0.0355	0.0408	0.2565	0.2201	0.2490	0.2556
Eu-152	0.6464	0.5640	0.5563	0.6723	3.9733	3.2369	3.7145	4.2469
Eu-152m	0.1752	0.1543	0.1504	0.1763	1.0671	0.8867	1.0091	1.1588
Eu-152n	0.2678	0.2362	0.2172	0.3224	1.5427	1.5713	1.5977	1.5316
Eu-154	0.5556	0.4826	0.4636	0.6204	3.4187	2.6438	3.0541	3.9840
Eu-154m	0.2871	0.2570	0.2496	0.3496	1.6359	1.5751	1.4818	1.6833
Eu-155	0.2010	0.1787	0.1536	0.2233	1.1957	1.1992	1.1886	1.0782
Eu-156	0.3739	0.3275	0.3232	0.3981	2.2886	1.7552	2.3329	2.6248
Eu-157	0.3827	0.3331	0.3078	0.4008	2.2840	1.9374	1.9967	2.3308
Eu-158	0.4889	0.4307	0.4218	0.5390	2.9661	2.2786	2.8820	3.6249
Eu-159	0.4174	0.3736	0.3432	0.4057	2.4867	2.2829	2.2265	2.4635
F-17	0.0001	0.0001	0.0001	0.0001	0.0007	0.0005	0.0007	0.0008
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	0.2936	0.2439	0.2479	0.5307	1.8632	1.6643	1.2701	1.9175
Fe-53	0.1341	0.1086	0.0974	0.1521	0.8304	0.6105	0.8409	0.8723
Fe-53m	0.9419	0.8220	0.8014	1.0300	5.7540	4.1753	5.4295	7.5794
Fe-55	0.0226	0.0150	0.0370	0.0585	0.0810	0.0735	0.0804	0.2293
Fe-59	0.3290	0.2876	0.3111	0.4027	2.0010	1.4469	1.9246	2.6052
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	0.4441	0.3883	0.3968	0.5126	2.7470	2.0172	2.6307	3.3642
Fe-62	0.3207	0.2730	0.2134	0.3429	2.0137	1.5920	1.4351	1.5956
Fm-251	0.3184	0.2715	0.2606	0.3898	1.8315	1.6259	1.6376	2.1264
Fm-252	0.0153	0.0137	0.0148	0.0133	0.0727	0.0699	0.0792	0.1188
Fm-253	0.2694	0.2343	0.2367	0.2934	1.4459	1.3341	1.3897	1.9062
Fm-254	0.0177	0.0159	0.0168	0.0159	0.0878	0.0815	0.0935	0.1354
Fm-255	0.1643	0.1442	0.1616	0.1607	0.7666	0.7325	0.8424	1.3326
Fm-256	4.2665	3.6865	3.4338	4.5872	26.4889	20.2438	24.9211	28.4274
Fm-257	0.3578	0.3130	0.3025	0.4068	2.0279	1.8428	1.8535	2.3747
Fr-212	0.6799	0.5987	0.5909	0.8045	3.9601	3.3741	3.8585	4.6849
Fr-219	0.0035	0.0029	0.0025	0.0041	0.0214	0.0173	0.0190	0.0222

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-220	0.0446	0.0386	0.0386	0.0576	0.2297	0.2220	0.2519	0.3424
Fr-221	0.0508	0.0463	0.0440	0.0559	0.3055	0.2748	0.2710	0.2828
Fr-222	0.3005	0.2690	0.2626	0.3508	1.7252	1.5652	1.5687	1.8862
Fr-223	0.2064	0.1807	0.1694	0.2010	1.1245	1.0373	1.0968	1.3094
Fr-224	0.3494	0.3083	0.2958	0.3938	2.1051	1.7293	1.9162	2.2296
Fr-227	0.5455	0.4782	0.4010	0.6348	3.2014	2.8677	2.9790	3.6583
Ga-64	0.4887	0.4240	0.4332	0.5426	3.0161	2.2107	3.2036	3.3952
Ga-65	0.2846	0.2422	0.2262	0.3968	1.7178	1.4740	1.3945	1.8396
Ga-66	0.3391	0.2853	0.3218	0.4346	2.0273	1.5254	2.2214	2.3845
Ga-67	0.3215	0.2674	0.3000	0.4891	1.8125	1.6646	1.6636	2.1244
Ga-68	0.0174	0.0141	0.0200	0.0284	0.0922	0.0703	0.0907	0.1546
Ga-70	0.0033	0.0028	0.0031	0.0046	0.0195	0.0152	0.0176	0.0264
Ga-72	0.7477	0.6481	0.5956	0.7713	4.6186	3.3739	4.6080	5.1441
Ga-73	0.4074	0.3334	0.3710	0.5434	2.3847	1.8720	1.9891	2.8787
Ga-74	0.8232	0.7087	0.6543	0.8533	5.0891	3.8129	4.9316	5.9699
Gd-142	0.3031	0.2662	0.2604	0.3065	1.8645	1.5656	1.6759	1.8957
Gd-143m	0.8392	0.7398	0.7173	0.8013	5.2030	4.2305	4.7647	5.2873
Gd-144	0.1987	0.1733	0.1772	0.1885	1.2045	1.0440	1.2051	1.1843
Gd-145m	0.3403	0.2905	0.2571	0.3466	2.0345	1.5491	1.7800	2.6292
Gd-145	0.5294	0.4713	0.4795	0.4647	3.3143	2.5959	3.6783	3.0574
Gd-146	0.7262	0.6305	0.6205	0.8212	4.4522	4.2825	3.9129	4.0350
Gd-147	0.9857	0.8635	0.8269	0.9884	6.0435	4.9428	5.5741	6.2650
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	0.6337	0.5430	0.5236	0.7097	3.9275	3.4094	3.3447	3.8642
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.2397	0.2111	0.2343	0.2356	1.4051	1.3776	1.3098	1.3341
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	0.4076	0.3624	0.3562	0.3902	2.4160	2.4682	2.3896	2.1323
Gd-159	0.0829	0.0709	0.0672	0.0806	0.4995	0.4272	0.4541	0.4715
Gd-162	0.3274	0.2680	0.2404	0.3674	2.0056	1.5265	1.9628	1.9833
Ge-66	0.4811	0.4035	0.4233	0.6054	2.8262	2.3523	2.5057	3.1216
Ge-67	0.3413	0.2872	0.2834	0.5458	2.1670	1.8312	1.6442	2.2742
Ge-68	0.0558	0.0372	0.0908	0.1434	0.2007	0.1821	0.2008	0.5679
Ge-69	0.2807	0.2360	0.2734	0.3798	1.6075	1.2032	1.4968	2.3065
Ge-71	0.0566	0.0377	0.0921	0.1455	0.2035	0.1847	0.2037	0.5760
Ge-75	0.0443	0.0397	0.0387	0.0434	0.2823	0.2311	0.2391	0.2477
Ge-77	0.7471	0.6571	0.6147	0.7855	4.6545	3.7094	4.0499	4.6714
Ge-78	0.3265	0.2864	0.2738	0.3270	2.0932	1.6659	1.7514	1.9203
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	0.3206	0.2734	0.2391	0.3781	1.9710	1.5591	1.4558	2.0142

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-169	0.5113	0.4433	0.3699	0.5695	3.1018	2.5177	2.2687	2.7035
Hf-170	0.6252	0.5415	0.4920	0.7874	3.7235	3.1471	2.7240	4.0352
Hf-172	0.4351	0.3872	0.3722	0.5328	2.4569	2.1424	1.8334	2.6017
Hf-173	0.6881	0.5933	0.5171	0.8529	4.2668	3.5037	3.0968	4.1079
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	0.4971	0.4248	0.3748	0.5729	3.0009	2.3849	2.3912	3.0630
Hf-177m	2.9036	2.5281	2.3213	3.3906	17.9423	14.6591	14.2841	17.7560
Hf-178m	2.2236	1.9275	1.7056	2.5076	13.6250	11.2324	11.3378	13.2881
Hf-179m	1.1634	0.9974	0.9114	1.4568	7.1150	5.7911	5.6541	6.9764
Hf-180m	1.1061	0.9574	0.8498	1.2737	6.7853	5.5019	5.5564	6.4375
Hf-181	0.5110	0.4323	0.3669	0.6371	3.1760	2.5343	2.3622	2.9179
Hf-182	0.3328	0.2945	0.2828	0.3596	2.1050	1.7210	1.7120	1.9449
Hf-182m	0.9195	0.7996	0.7167	1.0984	5.5829	4.5504	4.4676	5.6582
Hf-183	0.5129	0.4531	0.3619	0.5484	3.1165	2.4567	2.6673	3.1133
Hf-184	0.4371	0.3586	0.3998	0.6745	2.5262	2.1247	1.9887	3.0213
Hg-190	0.5373	0.4716	0.4252	0.8072	3.1598	2.7914	2.4416	3.6341
Hg-191m	1.1398	1.0110	0.9318	1.2724	6.8704	5.5697	5.9915	7.5002
Hg-192	0.5980	0.5364	0.4914	0.7614	3.4930	3.0331	2.9197	3.8860
Hg-193	0.6407	0.5735	0.5274	0.7851	3.7437	3.1035	3.3599	4.3188
Hg-193m	0.6591	0.5800	0.5190	0.7681	3.9188	3.1298	3.5184	4.5121
Hg-194	0.0383	0.0282	0.0527	0.0794	0.1435	0.1320	0.1688	0.4003
Hg-195	0.3594	0.3251	0.2964	0.4805	1.9863	1.7388	1.6843	2.5334
Hg-195m	0.3986	0.3476	0.3696	0.5329	2.1810	1.8873	1.9587	2.8718
Hg-197	0.3143	0.2867	0.2578	0.4255	1.7083	1.5758	1.5268	2.1602
Hg-197m	0.2757	0.2373	0.2374	0.4070	1.5446	1.3575	1.3074	1.9716
Hg-199m	0.4071	0.3495	0.3285	0.6381	2.3909	2.1309	1.9515	2.8381
Hg-203	0.3083	0.2717	0.2547	0.3210	1.9378	1.5752	1.6473	1.8548
Hg-205	0.0090	0.0083	0.0077	0.0106	0.0541	0.0490	0.0447	0.0484
Hg-206	0.1355	0.1161	0.1008	0.1538	0.8386	0.6673	0.6975	0.9141
Hg-207	0.9035	0.7919	0.7626	0.9407	5.6254	4.1541	5.6784	6.1838
Ho-150	0.4824	0.4170	0.3517	0.4745	2.9426	2.1896	2.5855	3.4148
Ho-153	0.5120	0.4429	0.4108	0.5277	3.1563	2.5563	2.6736	3.2485
Ho-153m	0.5829	0.5014	0.4675	0.6418	3.5677	3.0180	3.0738	3.5465
Ho-154m	1.3544	1.1335	0.9952	1.4669	8.3771	6.4170	7.4076	8.4951
Ho-154	0.6939	0.5872	0.5317	0.7397	4.3051	3.2667	3.8255	4.7012
Ho-155	0.4625	0.4031	0.3973	0.4775	2.7946	2.4309	2.4497	2.6062
Ho-156	0.9250	0.8031	0.7756	0.9950	5.7585	4.6035	5.1211	5.8230
Ho-157	0.6967	0.6065	0.5810	0.7098	4.2090	3.6437	3.5832	3.9732
Ho-159	0.7145	0.6200	0.5866	0.7591	4.3616	3.8488	3.6087	3.9355
Ho-160	0.9719	0.8505	0.7835	0.9949	5.8488	4.6867	5.1985	6.9007

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-161	0.2741	0.2446	0.2499	0.2480	1.5666	1.4956	1.4501	1.4385
Ho-162	0.2451	0.2149	0.2172	0.2279	1.4214	1.3232	1.2792	1.2866
Ho-162m	0.5033	0.4383	0.4543	0.5721	2.9768	2.5716	2.5726	3.0545
Ho-163	0.0009	0.0006	0.0015	0.0023	0.0033	0.0029	0.0032	0.0092
Ho-164	0.1335	0.1169	0.1181	0.1231	0.7700	0.7283	0.6766	0.6809
Ho-164m	0.2359	0.2013	0.2280	0.2613	1.3003	1.2036	1.1147	1.3286
Ho-166	0.0526	0.0457	0.0461	0.0610	0.2953	0.2720	0.2758	0.3050
Ho-166m	1.0823	0.9374	0.8340	1.1996	6.6312	5.2819	5.5884	7.0694
Ho-167	0.3819	0.3187	0.2845	0.4254	2.3716	1.8468	2.0603	2.3868
Ho-168	0.4307	0.3730	0.3248	0.4471	2.6074	1.9923	2.3293	2.9062
Ho-168m	0.0417	0.0336	0.0462	0.0595	0.2123	0.1948	0.1844	0.2746
Ho-170	0.9612	0.8440	0.8127	1.0816	5.8661	4.6555	5.2538	6.4948
I-118m	1.3450	1.1599	1.0036	1.3860	8.1857	6.1934	6.8066	11.4120
I-118	0.4668	0.4034	0.3474	0.4649	2.8497	2.1585	2.3944	3.8325
I-119	0.4488	0.4087	0.3971	0.3989	2.7997	2.3405	2.5279	2.5275
I-120	0.5833	0.5074	0.4640	0.5748	3.5943	2.7560	3.3752	3.9216
I-120m	1.1820	1.0216	0.8812	1.1831	7.2197	5.5112	6.0788	9.4191
I-121	0.4549	0.4241	0.4023	0.4298	2.7525	2.4621	2.4628	2.3134
I-122	0.1074	0.0958	0.0823	0.0954	0.6464	0.5309	0.5719	0.7084
I-123	0.4093	0.3575	0.3460	0.5762	2.5299	2.3207	2.0804	2.4507
I-124	0.4378	0.3910	0.3457	0.3789	2.6408	2.1103	2.4388	3.1925
I-125	0.2825	0.2739	0.2623	0.1741	1.6046	1.5586	1.7915	1.3149
I-126	0.3184	0.2761	0.2411	0.2991	1.9132	1.5156	1.8463	2.2364
I-128	0.0553	0.0473	0.0409	0.0558	0.3376	0.2689	0.3159	0.3084
I-129	0.1565	0.1480	0.1442	0.0982	0.8977	0.8714	0.9872	0.6712
I-130m	0.0946	0.0837	0.0763	0.0895	0.5604	0.4731	0.4930	0.5519
I-130	1.0789	0.9212	0.7541	1.0895	6.6080	4.9753	5.4616	8.1578
I-131	4.4207	4.3823	4.3155	4.4872	4.5710	4.4366	4.6616	4.4971
I-132	0.9674	0.8347	0.7050	0.9612	5.9115	4.3701	5.0902	7.6655
I-132m	0.2579	0.2265	0.2040	0.2611	1.5253	1.2631	1.3426	1.8686
I-133	0.3378	0.2888	0.2337	0.3550	2.0978	1.6291	1.5846	2.0964
I-134m	0.4597	0.4185	0.4030	0.3895	2.8235	2.4258	2.6367	2.4324
I-134	0.9994	0.8701	0.7851	1.0484	6.1449	4.4935	5.6759	7.2782
I-135	0.4381	0.3842	0.3932	0.4717	2.7122	1.9627	2.6791	3.0972
In-103	0.6764	0.5942	0.5605	0.7471	4.1726	3.2628	3.8553	4.4810
In-105	0.5662	0.4967	0.4532	0.6025	3.5171	2.7688	3.1134	3.8290
In-106	1.1774	1.0296	0.9158	1.2155	7.1733	5.3610	6.3045	9.7140
In-106m	0.5543	0.4817	0.4311	0.5246	3.3990	2.5488	3.2325	4.5756
In-107	0.5437	0.4904	0.4638	0.5384	3.3215	2.7086	3.1369	3.2219
In-108	1.5282	1.3504	1.2590	1.5382	9.3284	7.0589	8.5560	11.8430

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-108m	0.5724	0.5007	0.4638	0.5370	3.4876	2.6868	3.4469	4.4350
In-109	0.5285	0.4893	0.4560	0.5124	3.1635	2.7467	2.8322	3.1795
In-109m	0.3108	0.2680	0.2157	0.2926	1.8712	1.4165	1.5047	3.0180
In-110	1.4043	1.2370	1.0925	1.3882	8.4765	6.4059	7.6223	11.4300
In-110m	0.4167	0.3646	0.3088	0.3835	2.4983	1.9321	2.1922	3.6351
In-111	0.7290	0.6605	0.6479	0.8323	4.5268	4.0026	3.7756	4.1696
In-111m	0.2964	0.2552	0.2031	0.3005	1.8311	1.4509	1.3695	1.8555
In-112	0.0641	0.0611	0.0555	0.0444	0.3616	0.3285	0.3553	0.4423
In-112m	0.1368	0.1297	0.1240	0.1305	0.7957	0.7626	0.7728	0.8066
In-113m	0.2460	0.2070	0.1871	0.2529	1.4873	1.1546	1.5857	1.5469
In-114	0.0013	0.0012	0.0012	0.0011	0.0074	0.0063	0.0073	0.0084
In-114m	0.1322	0.1244	0.1167	0.1232	0.7747	0.7105	0.7149	0.7691
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.1957	0.1705	0.1522	0.1911	1.1944	0.9645	1.1074	1.2417
In-116m	0.6881	0.5959	0.6181	0.7859	4.2291	3.0578	4.2280	4.9453
In-117	0.5843	0.4895	0.4275	0.8254	3.6897	3.0718	2.6119	4.0364
In-117m	0.1369	0.1181	0.1090	0.1746	0.8531	0.7256	0.6937	0.8891
In-118m	0.8665	0.7543	0.7602	1.0003	5.2658	3.8385	4.9340	7.0625
In-118	0.0207	0.0179	0.0191	0.0251	0.1257	0.0910	0.1193	0.1550
In-119	0.3586	0.3121	0.2611	0.3417	2.1693	1.6150	1.9549	2.4803
In-119m	0.0378	0.0343	0.0349	0.0380	0.2212	0.1817	0.2172	0.2655
In-121	0.3657	0.3228	0.3047	0.3979	2.2424	1.6427	2.1010	2.8611
In-121m	0.1259	0.1236	0.1048	0.1081	0.7359	0.6618	0.6574	0.7161
Ir-180	0.7689	0.6729	0.6009	0.9072	4.6872	3.6714	3.7525	5.4277
Ir-182	0.7194	0.6343	0.5846	0.8672	4.3915	3.4842	3.5546	4.7629
Ir-183	0.7622	0.6854	0.6197	0.9261	4.5347	3.6263	3.7550	5.0248
Ir-184	1.1494	1.0167	0.9425	1.3444	6.9873	5.5029	5.9515	7.6175
Ir-185	0.6722	0.6049	0.5795	0.8753	3.9055	3.2053	3.1650	4.4640
Ir-186	1.0767	0.9395	0.8400	1.3085	6.5651	5.1285	5.3432	7.2654
Ir-186m	0.6370	0.5629	0.4995	0.7644	3.8408	2.9736	3.1686	4.5626
Ir-187	0.4456	0.4035	0.3610	0.6103	2.5500	2.0895	1.8652	3.1216
Ir-188	0.8163	0.7239	0.6682	0.9926	4.9756	3.8996	4.4519	5.4664
Ir-189	0.2901	0.2667	0.2481	0.4200	1.6131	1.3713	1.1055	1.9808
Ir-190	1.2363	1.0751	0.9222	1.4639	7.4952	5.9770	5.8994	8.3979
Ir-190m	0.0325	0.0222	0.0511	0.0799	0.1181	0.1075	0.1234	0.3338
Ir-190n	0.2332	0.2168	0.1896	0.3348	1.3086	1.1120	0.8579	1.5716
Ir-191m	0.2637	0.2326	0.2273	0.4058	1.4627	1.2465	1.0662	1.8850
Ir-192	0.6989	0.5868	0.4994	0.7877	4.3991	3.3610	3.4915	4.5557
Ir-192m	0.0404	0.0290	0.0582	0.0891	0.1496	0.1370	0.1699	0.4206
Ir-192n	0.0858	0.0623	0.1220	0.1872	0.3222	0.2947	0.3622	0.8880

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-193m	0.0336	0.0234	0.0513	0.0803	0.1248	0.1133	0.1289	0.3406
Ir-194	0.0637	0.0533	0.0471	0.0721	0.4008	0.2994	0.3358	0.4499
Ir-194m	1.5706	1.3204	1.0949	1.7059	9.7135	7.4123	7.9405	11.0748
Ir-195	0.2317	0.2104	0.1917	0.3253	1.2783	1.1585	1.0516	1.5687
Ir-195m	0.4374	0.3799	0.3386	0.5396	2.6059	2.1326	2.1997	2.9003
Ir-196	0.1366	0.1145	0.0990	0.1492	0.8474	0.6260	0.7697	0.8940
Ir-196m	1.7061	1.4267	1.2120	1.8790	10.4432	7.9999	9.2170	11.7250
K-38	0.3466	0.3042	0.3096	0.3333	2.2203	1.6573	2.8711	1.8279
K-40	0.0371	0.0330	0.0350	0.0351	0.2328	0.1623	0.2339	0.2375
K-42	0.0662	0.0596	0.0609	0.0555	0.4225	0.2925	0.4280	0.3985
K-43	0.6193	0.5174	0.4376	0.6515	3.7996	2.8502	3.3769	4.9377
K-44	0.4970	0.4311	0.4504	0.5605	3.0695	2.2440	3.2695	3.4940
K-45	0.5677	0.4964	0.4959	0.6874	3.6112	2.8327	3.4110	3.4168
K-46	0.4802	0.4120	0.4561	0.5436	2.9650	2.1544	3.1022	3.1827
Kr-74	0.4255	0.3748	0.3391	0.5256	2.5314	2.2269	2.2102	2.7170
Kr-75	0.3333	0.2782	0.2561	0.4983	2.0983	1.7465	1.6022	2.2547
Kr-76	0.5390	0.4559	0.4468	0.6176	3.1124	2.5377	2.9109	3.8661
Kr-77	0.3277	0.2709	0.2413	0.4971	2.0977	1.7322	1.5116	2.1746
Kr-79	0.2341	0.1985	0.2094	0.2818	1.2465	1.0286	1.2884	1.9516
Kr-81	0.0965	0.0799	0.1019	0.1402	0.3809	0.3547	0.5281	1.0498
Kr-81m	0.2324	0.2087	0.2027	0.3088	1.3749	1.2440	1.1224	1.4253
Kr-83m	0.0404	0.0329	0.0447	0.0624	0.1582	0.1474	0.2140	0.4355
Kr-85	0.0014	0.0012	0.0009	0.0015	0.0087	0.0069	0.0063	0.0074
Kr-85m	0.2536	0.2067	0.1950	0.4377	1.6311	1.3961	1.1361	1.7569
Kr-87	0.2663	0.2203	0.2058	0.2972	1.6419	1.2108	1.7734	1.6588
Kr-88	0.4667	0.4090	0.4062	0.5081	2.8908	2.2310	3.1143	2.7390
Kr-89	0.5667	0.4930	0.4684	0.5890	3.5168	2.6561	3.3559	3.7223
La-128	1.0271	0.8912	0.8174	1.0645	6.3874	4.8951	5.5782	6.9484
La-129	0.3964	0.3475	0.3206	0.3917	2.4411	2.0535	2.2356	2.1955
La-130	0.7314	0.6235	0.5634	0.7724	4.5195	3.4151	4.1500	4.9060
La-131	0.5075	0.4424	0.4032	0.4987	3.0830	2.6356	2.9541	2.7416
La-132	0.6754	0.5841	0.5253	0.6729	4.1584	3.2569	3.8829	4.0050
La-132m	0.5163	0.4452	0.4050	0.5719	3.1872	2.6153	2.7289	3.2011
La-133	0.2016	0.1813	0.1848	0.1667	1.1526	1.0526	1.1902	1.0099
La-134	0.0837	0.0760	0.0725	0.0625	0.4899	0.4376	0.4997	0.4364
La-135	0.1658	0.1528	0.1503	0.1119	0.9530	0.9053	1.0281	0.6675
La-136	0.1141	0.1048	0.1027	0.0788	0.6578	0.6145	0.7074	0.4796
La-137	0.1543	0.1426	0.1414	0.1023	0.8833	0.8456	0.9633	0.6136
La-138	0.4166	0.3697	0.3640	0.3800	2.5514	1.9151	2.5292	2.4888
La-140	0.7381	0.6481	0.6008	0.6805	4.6727	3.3755	4.4093	4.3357

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-141	0.0062	0.0054	0.0058	0.0066	0.0384	0.0272	0.0386	0.0425
La-142	0.5150	0.4430	0.4251	0.5385	3.1826	2.3684	3.3149	3.7228
La-143	0.0727	0.0633	0.0601	0.0741	0.4494	0.3299	0.4433	0.5368
Lu-165	0.6954	0.6063	0.5566	0.7686	4.2204	3.4666	3.4983	4.1201
Lu-167	0.8349	0.7366	0.7107	0.8635	5.0629	4.0568	4.6313	4.9760
Lu-169m	0.0228	0.0152	0.0373	0.0589	0.0820	0.0744	0.0818	0.2322
Lu-169	0.7498	0.6617	0.6363	0.8353	4.4994	3.6076	3.8419	4.7578
Lu-170	0.7809	0.6825	0.6861	0.8600	4.7171	3.6632	4.6009	4.9293
Lu-171m	0.0252	0.0171	0.0400	0.0631	0.0933	0.0844	0.0911	0.2503
Lu-171	0.6447	0.5615	0.5197	0.7022	3.7120	3.0480	2.9910	4.2404
Lu-172	1.0556	0.9250	0.8868	1.2051	6.3382	4.9918	5.5665	7.1858
Lu-172m	0.0205	0.0136	0.0335	0.0530	0.0737	0.0669	0.0734	0.2086
Lu-173	0.5179	0.4593	0.4170	0.5561	3.0438	2.6484	2.3453	2.8288
Lu-174	0.2435	0.2139	0.2062	0.2783	1.3838	1.1979	1.0550	1.3847
Lu-174m	0.2665	0.2314	0.2480	0.3555	1.4536	1.2717	1.0799	1.6735
Lu-176	0.6578	0.5771	0.5378	0.7840	4.0336	3.3722	3.1960	3.8833
Lu-176m	0.0606	0.0525	0.0542	0.0865	0.3305	0.3085	0.2885	0.3889
Lu-177	0.0684	0.0614	0.0577	0.0846	0.4134	0.3678	0.3265	0.3751
Lu-177m	1.4615	1.2781	1.1744	1.7768	8.9705	7.4995	7.1836	8.5199
Lu-178	0.0691	0.0602	0.0623	0.0886	0.4011	0.3366	0.3659	0.4524
Lu-178m	1.2765	1.1029	0.9724	1.4827	7.8051	6.5163	6.8365	7.5224
Lu-179	0.0426	0.0392	0.0374	0.0472	0.2645	0.2304	0.2111	0.2201
Lu-180	0.6788	0.5868	0.5845	0.8026	4.1252	3.1726	3.8607	4.6285
Lu-181	0.4977	0.4298	0.3996	0.5842	2.9584	2.4058	2.3713	3.4700
Mg-27	0.3359	0.2942	0.2693	0.3626	2.0580	1.4863	1.9324	2.4882
Mg-28	0.5703	0.5029	0.4936	0.5588	3.4626	2.6579	3.5403	3.6413
Mn-50m	1.0959	0.9565	0.9309	1.1707	6.7308	4.8339	6.3942	8.0431
Mn-51	0.0022	0.0018	0.0023	0.0032	0.0124	0.0094	0.0120	0.0180
Mn-52	1.0133	0.8863	0.8582	1.0590	6.2140	4.4569	5.8815	7.4461
Mn-52m	0.3386	0.3001	0.3170	0.3285	2.1220	1.4822	2.1229	2.2023
Mn-53	0.0184	0.0122	0.0301	0.0476	0.0660	0.0598	0.0655	0.1867
Mn-54	0.3492	0.2994	0.2769	0.3843	2.0960	1.5194	1.9391	2.4200
Mn-56	0.4832	0.4243	0.3884	0.4686	3.0130	2.1763	3.0956	3.1071
Mn-57	0.1148	0.0935	0.1055	0.1632	0.6238	0.5162	0.5672	0.9243
Mn-58m	0.7366	0.6378	0.6003	0.7700	4.5465	3.2794	4.3320	4.8088
Mo-101	0.5602	0.4906	0.4627	0.6009	3.4426	2.6357	3.1596	3.8878
Mo-102	0.0290	0.0255	0.0242	0.0386	0.1831	0.1598	0.1395	0.1651
Mo-89	0.0726	0.0631	0.0596	0.0756	0.4390	0.3246	0.4199	0.5625
Mo-90	0.7141	0.6290	0.5842	0.7071	4.3142	3.6274	3.8214	4.5012
Mo-91m	0.3167	0.2762	0.2567	0.3086	1.9282	1.4124	1.7424	2.6330

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-91	0.0110	0.0098	0.0092	0.0076	0.0575	0.0500	0.0647	0.0804
Mo-93	0.1174	0.1051	0.0952	0.0699	0.5608	0.5375	0.6382	0.9486
Mo-93m	0.9092	0.8029	0.7556	0.8338	5.6179	4.2026	5.1259	6.4878
Mo-99	0.0952	0.0821	0.0710	0.1070	0.5838	0.4639	0.4868	0.6511
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.2204	0.1865	0.2245	0.2725	1.3227	1.1731	1.8079	1.1452
Na-22	0.3014	0.2593	0.2936	0.3758	1.8220	1.2972	1.7574	2.2769
Na-24	0.6537	0.5517	0.5981	0.7747	4.0225	2.9520	4.4610	3.9467
Nb-87	0.4354	0.3946	0.3662	0.4897	2.5878	2.3236	2.1355	2.5132
Nb-88m	1.1896	1.0305	0.9838	1.3012	7.2971	5.3806	6.9848	9.0436
Nb-88	1.4484	1.2655	1.1885	1.5809	8.7646	6.6854	8.1011	11.0924
Nb-89	0.1394	0.1209	0.1208	0.1349	0.8229	0.6339	0.9111	0.9239
Nb-89m	0.3126	0.2671	0.2135	0.3222	1.9177	1.5232	1.4541	1.7203
Nb-90	0.9640	0.8294	0.8352	1.1469	5.9129	4.5671	6.1518	6.5339
Nb-91	0.1216	0.1073	0.0974	0.0800	0.5686	0.5428	0.6811	1.0462
Nb-91m	0.1073	0.0957	0.0880	0.0700	0.5220	0.4915	0.5869	0.8651
Nb-92	0.7782	0.6781	0.5987	0.7848	4.6051	3.5611	4.1135	6.0923
Nb-92m	0.4670	0.4127	0.3905	0.4663	2.6809	2.0707	2.7084	3.8095
Nb-93m	0.0222	0.0196	0.0191	0.0158	0.1047	0.1001	0.1185	0.1822
Nb-94m	0.0817	0.0730	0.0666	0.0504	0.3921	0.3733	0.4438	0.6592
Nb-94	0.6521	0.5654	0.4821	0.6578	3.9789	2.9020	3.5342	5.1150
Nb-95	0.3265	0.2812	0.2284	0.3163	1.9995	1.4474	1.7738	2.2565
Nb-95m	0.1676	0.1521	0.1446	0.1350	0.9384	0.8398	0.9006	1.0963
Nb-96	1.0303	0.8889	0.7824	1.0837	6.3248	4.6743	5.5775	7.2759
Nb-97	0.3247	0.2790	0.2247	0.3104	1.9611	1.4689	1.5802	3.1154
Nb-98m	1.0237	0.8873	0.7805	1.0162	6.3089	4.5805	5.8228	7.2012
Nb-99	0.4121	0.3517	0.3016	0.5490	2.5232	2.3028	2.0991	2.5892
Nb-99m	0.2216	0.1909	0.1802	0.2369	1.3624	1.0697	1.3853	1.3986
Nd-134	0.5127	0.4457	0.4359	0.6414	3.1847	2.8721	2.6863	3.0022
Nd-135	0.6254	0.5562	0.5324	0.6315	3.8179	3.3527	3.3818	3.3723
Nd-136	0.4410	0.3922	0.3851	0.4180	2.6400	2.5260	2.5532	2.4175
Nd-137	0.5821	0.5187	0.4828	0.5325	3.5332	3.0075	3.3551	3.4798
Nd-138	0.1751	0.1599	0.1665	0.1282	1.0276	1.0202	1.0692	0.8335
Nd-139	0.1954	0.1746	0.1758	0.1660	1.1612	1.0555	1.1795	1.0981
Nd-139m	0.8972	0.7893	0.7313	0.8888	5.4515	4.4743	5.1562	5.9640
Nd-140	0.1564	0.1437	0.1518	0.1085	0.9107	0.9232	0.9691	0.7241
Nd-141	0.1620	0.1486	0.1568	0.1155	0.9453	0.9477	1.0012	0.7682
Nd-141m	0.3120	0.2693	0.2216	0.2985	1.9047	1.4057	1.6892	2.1978
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.2362	0.2101	0.1910	0.2281	1.4193	1.3651	1.3706	1.2865

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-149	0.4500	0.3970	0.3695	0.4851	2.7940	2.4166	2.3875	2.6327
Nd-151	0.5342	0.4642	0.4307	0.6073	3.3224	2.7156	2.9407	3.4636
Nd-152	0.2155	0.1903	0.1879	0.2099	1.3402	1.1068	1.1577	1.2846
Ne-19	0.0000	0.0000	0.0000	0.0001	0.0003	0.0003	0.0002	0.0003
Ne-24	0.3449	0.2902	0.2374	0.3743	2.1514	1.6611	1.7625	1.8534
Ni-56	1.0431	0.8801	0.8200	1.3578	6.4926	5.1109	5.2964	6.8393
Ni-57	0.3854	0.3348	0.3652	0.4292	2.3774	1.7154	2.3818	2.5754
Ni-59	0.0318	0.0211	0.0522	0.0825	0.1144	0.1037	0.1136	0.3238
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.1521	0.1341	0.1383	0.1560	0.9487	0.6714	0.9405	1.0580
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	0.9650	0.8302	0.7544	1.0813	5.6505	4.7099	5.4164	6.7029
Np-233	0.3060	0.2651	0.2385	0.3725	1.7020	1.6877	1.7767	2.0320
Np-234	0.5776	0.5069	0.4900	0.6102	3.3431	2.8210	3.4471	3.9090
Np-235	0.0826	0.0702	0.0826	0.0958	0.3588	0.3399	0.4347	0.7721
Np-236	0.6099	0.5227	0.5138	0.7760	3.2535	3.1334	3.2793	4.5626
Np-236m	0.1693	0.1468	0.1341	0.2028	0.9255	0.9155	0.9752	1.1685
Np-237	0.2107	0.1859	0.1853	0.2206	1.0522	1.0182	1.2010	1.6081
Np-238	0.2738	0.2425	0.2504	0.3074	1.5548	1.2060	1.5731	2.3556
Np-239	0.4611	0.4003	0.3799	0.5451	2.6247	2.4526	2.5299	3.0074
Np-240	0.7841	0.6807	0.6412	0.8711	4.4974	3.7359	4.1814	5.9516
Np-240m	0.2230	0.1933	0.1767	0.2221	1.2689	1.0259	1.1269	1.7308
Np-241	0.1128	0.0972	0.0899	0.1399	0.6340	0.6088	0.6197	0.7554
Np-242	0.0900	0.0790	0.0751	0.0877	0.5399	0.4023	0.5390	0.6543
Np-242m	0.6622	0.5754	0.5504	0.7275	3.7683	3.0831	3.5869	4.8736
O-14	0.3425	0.2932	0.3047	0.3785	2.1623	1.6210	2.7173	1.7891
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	0.4667	0.4223	0.4213	0.5466	2.8855	2.3914	2.4568	2.6651
Os-180	0.3231	0.2927	0.2751	0.4421	1.7875	1.5102	1.2668	2.2182
Os-181	0.9469	0.8524	0.7841	1.1181	5.6978	4.5464	4.6737	6.1358
Os-182	0.5816	0.5145	0.4633	0.7716	3.4605	2.8930	2.4254	3.5090
Os-183	0.8328	0.7319	0.6365	1.0755	4.9505	3.9836	3.9728	5.3874
Os-183m	0.5149	0.4638	0.4481	0.6650	3.0352	2.3495	2.5204	3.8697
Os-185	0.5181	0.4602	0.3850	0.5941	3.0464	2.3919	2.2649	4.3087
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0308	0.0209	0.0489	0.0768	0.1115	0.1014	0.1149	0.3152
Os-190m	1.2211	1.0368	0.9118	1.4398	7.4469	5.9071	5.8926	8.4149
Os-191	0.2844	0.2523	0.2402	0.4319	1.5934	1.3558	1.1487	2.0053
Os-191m	0.0540	0.0433	0.0652	0.1070	0.2460	0.2146	0.1989	0.4658
Os-193	0.1043	0.0913	0.0831	0.1419	0.6081	0.5085	0.4790	0.6937

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Os-194	0.0402	0.0307	0.0530	0.0735	0.1736	0.1653	0.1835	0.3553
Os-196	0.1102	0.0978	0.0837	0.1365	0.6640	0.5404	0.5193	0.7156
P-30	0.0003	0.0002	0.0002	0.0003	0.0016	0.0012	0.0021	0.0014
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.1136	0.1001	0.0943	0.1367	0.5880	0.5582	0.6039	0.8640
Pa-228	1.0044	0.8698	0.8132	1.1321	5.7672	4.8529	5.7737	7.1996
Pa-229	0.2659	0.2318	0.2104	0.3206	1.4376	1.4350	1.5641	1.8440
Pa-230	0.5685	0.4942	0.4590	0.6545	3.2158	2.7936	3.2701	4.1613
Pa-231	0.1818	0.1552	0.1740	0.2108	0.8755	0.7978	0.9860	1.5403
Pa-232	0.5451	0.4709	0.4462	0.6204	3.1770	2.5036	3.0051	4.1511
Pa-233	0.3948	0.3352	0.3118	0.4586	2.2415	1.9635	2.1645	2.8074
Pa-234	1.0080	0.8758	0.8151	1.1273	5.8618	4.8318	5.5269	7.3641
Pa-234m	0.0086	0.0076	0.0073	0.0096	0.0500	0.0405	0.0499	0.0661
Pa-235	0.0109	0.0072	0.0176	0.0278	0.0391	0.0355	0.0393	0.1107
Pa-236	0.4009	0.3491	0.3227	0.3940	2.3462	1.8388	2.2830	3.2598
Pa-237	0.2864	0.2463	0.2170	0.3100	1.7419	1.3085	1.5075	1.9554
Pb-194	0.7864	0.7036	0.6239	0.8951	4.6530	3.9058	4.2323	5.2196
Pb-195m	1.1497	0.9808	0.8809	1.3279	6.7810	5.3474	6.6125	8.1907
Pb-196	0.6912	0.6203	0.5413	0.7989	4.0870	3.5623	3.6006	4.2186
Pb-197	0.7800	0.6806	0.6185	0.8885	4.6533	3.6975	4.6346	5.2413
Pb-197m	0.9847	0.8518	0.7652	1.1353	5.8080	4.7189	5.5973	6.7079
Pb-198	0.6474	0.5711	0.5036	0.7869	3.8239	3.2875	3.4442	4.2498
Pb-199	0.6384	0.5603	0.5018	0.7316	3.7933	3.0722	3.6721	4.3037
Pb-200	0.5302	0.4707	0.4197	0.7173	3.0675	2.7821	2.6944	3.5292
Pb-201	0.6985	0.6066	0.5253	0.8253	4.1655	3.3947	3.7622	4.8190
Pb-201m	0.2781	0.2439	0.2004	0.2938	1.6155	1.3374	1.3937	2.4902
Pb-202	0.0350	0.0252	0.0504	0.0770	0.1297	0.1189	0.1480	0.3654
Pb-202m	1.0191	0.8742	0.7816	1.1189	6.1752	4.6401	5.8096	7.4004
Pb-203	0.5618	0.5033	0.4502	0.6389	3.3428	2.8894	2.9948	3.5438
Pb-204m	0.9477	0.8150	0.7462	1.0510	5.8008	4.2543	5.5920	6.9262
Pb-205	0.0355	0.0255	0.0510	0.0780	0.1313	0.1204	0.1499	0.3699
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0570	0.0463	0.0629	0.0841	0.2412	0.2256	0.2924	0.5498
Pb-211	0.0379	0.0321	0.0278	0.0410	0.2303	0.1739	0.2249	0.2501
Pb-212	0.2815	0.2564	0.2363	0.2999	1.6832	1.5093	1.5747	1.6540
Pb-214	0.3016	0.2584	0.2315	0.3403	1.8224	1.4869	1.6852	1.9677
Pd-100	0.5108	0.4855	0.3933	0.4269	2.8841	2.8189	2.8180	2.9406
Pd-101	0.3791	0.3508	0.3240	0.2798	2.1265	1.8559	1.9132	2.5245
Pd-103	0.1150	0.1123	0.1059	0.0568	0.5839	0.5699	0.5659	0.7278

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.2077	0.1905	0.1815	0.2488	1.2530	1.1468	0.9894	1.1488
Pd-109	0.0702	0.0683	0.0640	0.0468	0.3787	0.3745	0.3980	0.4173
Pd-111	0.0230	0.0202	0.0175	0.0233	0.1409	0.1084	0.1223	0.1642
Pd-112	0.0480	0.0444	0.0425	0.0287	0.2327	0.2244	0.2419	0.3535
Pd-114	0.0367	0.0323	0.0295	0.0413	0.2340	0.1935	0.1888	0.2063
Pd-96	0.6353	0.5554	0.4781	0.6469	3.8783	3.0289	3.2751	4.2589
Pd-97	0.6745	0.5965	0.5715	0.6530	4.1893	3.2285	3.9647	4.1584
Pd-98	0.4775	0.4294	0.3686	0.4816	2.7954	2.5161	2.4742	3.1313
Pd-99	0.4991	0.4340	0.3980	0.5643	3.0923	2.4907	2.6414	3.2905
Pm-136	0.9715	0.8228	0.7125	1.0205	5.9773	4.4492	5.4186	7.0112
Pm-137m	0.9690	0.8465	0.7891	1.0599	5.9838	5.1036	5.2351	5.8686
Pm-139	0.1728	0.1493	0.1427	0.1645	1.0494	0.8787	1.0644	1.0177
Pm-140m	1.0641	0.9169	0.8472	1.1395	6.5059	4.8637	6.2506	7.5361
Pm-140	0.0697	0.0611	0.0585	0.0695	0.4243	0.3440	0.3969	0.4479
Pm-141	0.1373	0.1237	0.1297	0.1181	0.8223	0.7411	0.8403	0.7824
Pm-142	0.0530	0.0483	0.0505	0.0392	0.3181	0.2941	0.3297	0.2782
Pm-143	0.2833	0.2525	0.2424	0.2331	1.6885	1.5043	1.6340	1.7022
Pm-144	0.9522	0.8240	0.7009	0.8909	5.7613	4.6032	4.8583	7.4654
Pm-145	0.1631	0.1493	0.1590	0.1208	0.9512	0.9708	0.9898	0.7980
Pm-146	0.5051	0.4342	0.3807	0.4877	3.0790	2.4776	2.7896	3.1116
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Pm-148	0.1959	0.1714	0.1587	0.1956	1.2179	0.8931	1.0861	1.3513
Pm-148m	1.0697	0.9179	0.7675	1.0899	6.5475	5.0112	5.3603	8.5687
Pm-149	0.0120	0.0104	0.0099	0.0125	0.0761	0.0603	0.0639	0.0749
Pm-150	0.5686	0.4837	0.4575	0.6262	3.5405	2.5840	3.3003	3.9734
Pm-151	0.3574	0.3084	0.2858	0.4041	2.2165	1.8793	1.9106	2.2189
Pm-152m	0.8830	0.7767	0.7575	0.9277	5.5238	4.4112	4.9663	5.6280
Pm-152	0.1483	0.1292	0.1208	0.1617	0.9199	0.7391	0.8361	1.0045
Pm-153	0.1755	0.1537	0.1438	0.1982	1.0787	0.9893	0.9491	0.9718
Pm-154	0.5259	0.4651	0.4636	0.5471	3.2416	2.5278	3.4314	3.4733
Pm-154m	0.8505	0.7503	0.7196	0.9014	5.2716	4.2478	4.8492	5.3032
Po-203	0.8589	0.7654	0.7077	0.9770	5.0587	4.1727	4.9959	6.0210
Po-204	1.1097	0.9836	0.8944	1.3100	6.3915	5.4997	6.1400	7.8335
Po-205	0.8361	0.7441	0.6722	0.9280	4.9406	4.0273	4.8821	5.8819
Po-206	0.9463	0.8279	0.7507	1.0964	5.5019	4.5875	5.2067	6.6602
Po-207	0.7548	0.6704	0.6070	0.8583	4.4413	3.6393	4.3992	5.6157

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-208	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0002
Po-209	0.0071	0.0060	0.0070	0.0099	0.0387	0.0329	0.0369	0.0516
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0037	0.0032	0.0028	0.0039	0.0228	0.0171	0.0194	0.0283
Po-212m	0.0153	0.0128	0.0122	0.0180	0.0941	0.0721	0.0957	0.0957
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-214	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002	0.0002	0.0002
Po-215	0.0001	0.0001	0.0001	0.0001	0.0008	0.0006	0.0007	0.0008
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	1.3163	1.1226	1.0088	1.4069	8.0814	6.1655	7.4173	9.5763
Pr-134m	0.6234	0.5309	0.4917	0.6437	3.8575	2.9120	3.9609	3.9611
Pr-135	0.4030	0.3607	0.3373	0.3646	2.4483	2.1596	2.3105	2.2216
Pr-136	0.6903	0.5982	0.5267	0.6956	4.2525	3.3422	3.6591	4.4994
Pr-137	0.1567	0.1422	0.1434	0.1217	0.9243	0.8659	0.9582	0.7759
Pr-138	0.0543	0.0493	0.0489	0.0407	0.3205	0.2954	0.3320	0.2728
Pr-138m	1.1165	0.9738	0.9091	1.1576	6.8619	5.2503	6.3462	7.6653
Pr-139	0.1517	0.1396	0.1445	0.1041	0.8821	0.8714	0.9462	0.6785
Pr-140	0.0809	0.0744	0.0769	0.0552	0.4704	0.4646	0.5045	0.3605
Pr-142	0.0137	0.0124	0.0125	0.0105	0.0882	0.0608	0.0902	0.0787
Pr-142m	0.0014	0.0010	0.0024	0.0037	0.0052	0.0047	0.0052	0.0147
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0078	0.0068	0.0061	0.0075	0.0485	0.0357	0.0485	0.0569
Pr-144m	0.0676	0.0607	0.0691	0.0576	0.3814	0.3833	0.4033	0.3456
Pr-145	0.0095	0.0084	0.0077	0.0095	0.0576	0.0458	0.0529	0.0706
Pr-146	0.3594	0.3084	0.2813	0.3672	2.2388	1.6537	2.1101	2.2144
Pr-147	0.4774	0.4228	0.3972	0.4437	2.8822	2.5637	2.7029	2.8904
Pr-148	0.4266	0.3659	0.3432	0.4593	2.6744	1.9998	2.3885	2.9528
Pr-148m	0.6284	0.5321	0.4645	0.6632	3.9454	2.9934	3.3326	4.1937
Pt-184	1.1523	1.0311	0.9161	1.5756	6.7541	5.7412	5.0544	7.6835
Pt-186	0.6391	0.5724	0.4825	0.7695	3.7444	3.0268	2.8629	4.8211
Pt-187	0.7255	0.6557	0.5760	0.9460	4.2327	3.5487	3.2743	4.8473
Pt-188	0.4756	0.4329	0.3904	0.6640	2.7384	2.3593	2.0279	3.0716
Pt-189	0.6673	0.6039	0.5245	0.8706	3.8592	3.2391	2.9223	4.6251
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	0.5808	0.5280	0.4497	0.7809	3.3457	2.8280	2.4945	3.8628
Pt-193	0.0359	0.0254	0.0532	0.0820	0.1321	0.1208	0.1467	0.3727
Pt-193m	0.0792	0.0659	0.0869	0.1412	0.3753	0.3356	0.3292	0.6593
Pt-195m	0.3424	0.3036	0.3064	0.5150	1.8165	1.6428	1.5261	2.4687

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pt-197	0.0979	0.0858	0.0891	0.1382	0.5131	0.4884	0.5179	0.7004
Pt-197m	0.2360	0.2062	0.2113	0.3460	1.2591	1.0846	1.0673	1.7570
Pt-199	0.1552	0.1340	0.1159	0.1772	0.9491	0.7651	0.7532	0.9777
Pt-200	0.1805	0.1609	0.1535	0.2455	1.0049	0.9098	0.8899	1.2226
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.2233	0.1930	0.1745	0.2732	1.2442	1.2332	1.2847	1.4777
Pu-234	0.2519	0.2176	0.1991	0.3068	1.3906	1.3764	1.4435	1.6937
Pu-235	0.3345	0.2891	0.2682	0.4007	1.8286	1.7979	1.9034	2.2878
Pu-236	0.0265	0.0229	0.0254	0.0273	0.1168	0.1108	0.1408	0.2428
Pu-237	0.2269	0.1965	0.1877	0.2704	1.2048	1.1768	1.2602	1.6268
Pu-238	0.0244	0.0211	0.0234	0.0252	0.1076	0.1021	0.1300	0.2246
Pu-239	0.0125	0.0104	0.0134	0.0162	0.0536	0.0505	0.0629	0.1167
Pu-240	0.0230	0.0199	0.0221	0.0237	0.1013	0.0961	0.1223	0.2111
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Pu-242	0.0197	0.0171	0.0189	0.0203	0.0869	0.0825	0.1049	0.1811
Pu-243	0.0960	0.0870	0.0730	0.1012	0.5334	0.5301	0.5768	0.6065
Pu-244	0.0230	0.0199	0.0211	0.0240	0.1134	0.0999	0.1260	0.1945
Pu-245	0.3267	0.2775	0.2442	0.3691	1.9763	1.6009	1.7673	2.2665
Pu-246	0.3830	0.3388	0.3242	0.4190	2.2083	2.0769	2.0677	2.3523
Ra-219	0.2057	0.1741	0.1485	0.2382	1.2537	1.0318	1.1081	1.3834
Ra-220	0.0033	0.0027	0.0023	0.0036	0.0204	0.0159	0.0172	0.0176
Ra-221	0.1249	0.1056	0.1069	0.1801	0.6755	0.6325	0.6568	0.9581
Ra-222	0.0088	0.0072	0.0062	0.0102	0.0555	0.0418	0.0461	0.0596
Ra-223	0.3082	0.2692	0.2433	0.3778	1.7818	1.6514	1.7596	2.0122
Ra-224	0.0161	0.0146	0.0145	0.0158	0.0999	0.0858	0.0884	0.0886
Ra-225	0.0890	0.0802	0.0879	0.0715	0.4815	0.5007	0.5364	0.5957
Ra-226	1.7260	1.6977	1.6946	1.7013	1.7925	1.7571	1.7404	1.8314
Ra-227	0.2796	0.2417	0.2423	0.3077	1.5148	1.3328	1.5377	2.0475
Ra-228	1.6286	1.5837	1.6101	1.6004	1.6892	1.5859	1.5766	1.7488
Ra-230	0.1553	0.1374	0.1217	0.1872	0.8880	0.8112	0.8249	0.9921
Rb-77	0.4357	0.3934	0.3272	0.5267	2.6321	2.1391	2.1343	3.0185
Rb-78m	0.8225	0.7058	0.6399	0.8548	5.0804	3.8223	4.8408	5.6093
Rb-78	0.6288	0.5252	0.5066	0.7045	3.8602	2.9505	3.9817	3.8521
Rb-79	0.5021	0.4245	0.3822	0.6531	3.0330	2.4761	2.5027	3.7151
Rb-80	0.0953	0.0817	0.0661	0.0925	0.5723	0.4348	0.4523	0.9175
Rb-81	0.2191	0.1859	0.1727	0.2464	1.1824	0.9599	1.2163	1.7078
Rb-81m	0.1095	0.0968	0.0909	0.1126	0.4888	0.4634	0.6594	1.0769
Rb-82	0.0583	0.0503	0.0427	0.0579	0.3472	0.2549	0.3250	0.4109
Rb-82m	1.1676	1.0110	0.9013	1.2124	6.9758	5.2247	6.2842	9.0843
Rb-83	0.4048	0.3460	0.3015	0.4428	2.2724	1.8507	1.9800	2.9824

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-84	0.3114	0.2719	0.2582	0.3415	1.7468	1.3269	1.8078	2.5682
Rb-84m	0.4571	0.4083	0.3887	0.4586	2.8004	2.3336	2.4689	2.6179
Rb-86m	0.3180	0.2716	0.2145	0.3245	1.9591	1.5236	1.4549	2.2721
Rb-86	0.0285	0.0252	0.0266	0.0346	0.1736	0.1254	0.1690	0.2434
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.1402	0.1246	0.1222	0.1297	0.8875	0.6426	0.9946	0.8682
Rb-89	0.5546	0.4838	0.5037	0.6481	3.3971	2.4779	3.4588	4.2657
Rb-90	0.2979	0.2513	0.2540	0.3367	1.8297	1.3774	1.9256	1.9109
Rb-90m	0.6956	0.5966	0.5747	0.7444	4.2836	3.1354	4.3949	4.4682
Re-178	0.6731	0.5972	0.5772	0.8085	4.0333	3.3081	3.5092	4.2333
Re-179	0.8406	0.7350	0.6626	0.9796	5.1049	4.0305	4.2328	5.1653
Re-180	0.6959	0.6184	0.5691	0.8548	4.1087	3.2608	3.4740	4.8476
Re-181	0.7865	0.6851	0.6131	0.9720	4.6768	3.6872	3.7864	5.3339
Re-182	1.5192	1.3543	1.2890	1.9586	9.1231	7.5235	7.2175	9.8579
Re-182m	0.7731	0.6965	0.6490	1.0071	4.5486	3.7073	3.6710	5.2859
Re-183	0.5017	0.4459	0.4252	0.7277	2.8758	2.4886	1.9926	3.2408
Re-184	0.6193	0.5504	0.4893	0.7428	3.6693	2.8896	2.9937	4.1622
Re-184m	0.5160	0.4572	0.4375	0.6919	3.0072	2.5273	2.3351	3.3789
Re-186	0.0541	0.0472	0.0431	0.0827	0.3230	0.2716	0.2154	0.3578
Re-186m	0.1414	0.1119	0.1743	0.2686	0.6492	0.5816	0.5525	1.1799
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.0741	0.0621	0.0592	0.1248	0.4596	0.3907	0.3177	0.5295
Re-188m	0.2973	0.2674	0.2570	0.4511	1.6367	1.4243	1.1462	2.0294
Re-189	0.0891	0.0797	0.0789	0.1129	0.5356	0.4600	0.4205	0.5310
Re-190	0.9264	0.7985	0.7013	1.0436	5.6971	4.4906	4.7848	6.2862
Re-190m	0.7475	0.6443	0.5654	0.8909	4.5350	3.6004	3.6612	5.1232
Rh-100m	0.1934	0.1860	0.1702	0.1167	1.0265	0.9807	0.9956	1.1737
Rh-100	0.9009	0.7887	0.7274	0.8724	5.4758	4.2077	5.1931	5.7618
Rh-101	0.5311	0.4783	0.4302	0.5719	3.2050	2.7993	2.5461	3.0652
Rh-101m	0.3763	0.3284	0.2942	0.3510	2.2474	1.8255	1.8969	2.4910
Rh-102	0.2719	0.2380	0.2047	0.2521	1.5999	1.3061	1.3689	1.6763
Rh-102m	1.1357	0.9840	0.8513	1.1302	6.8236	5.2467	5.9057	8.5458
Rh-103m	0.0145	0.0135	0.0149	0.0117	0.0705	0.0684	0.0686	0.0998
Rh-104	0.0074	0.0063	0.0051	0.0073	0.0447	0.0352	0.0343	0.0521
Rh-104m	0.2262	0.2108	0.1850	0.1487	1.2565	1.1710	1.0928	1.2115
Rh-105	0.0722	0.0594	0.0511	0.0825	0.4624	0.3439	0.3674	0.4860
Rh-106	0.1106	0.0948	0.0768	0.1146	0.6839	0.5291	0.5200	0.7673
Rh-106m	1.2209	1.0522	0.9299	1.2760	7.5412	5.6303	6.6001	8.2906
Rh-107	0.2923	0.2447	0.2170	0.3207	1.8593	1.4103	1.5520	1.9128
Rh-108	0.2056	0.1715	0.1434	0.2194	1.2658	0.9603	1.1239	1.3841

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-109	0.3149	0.2669	0.2384	0.3541	1.9817	1.5657	1.6665	1.9807
Rh-94	0.7826	0.6831	0.6698	0.8058	4.8616	3.4952	4.6820	5.3611
Rh-95	0.5400	0.4759	0.4700	0.5672	3.2841	2.4226	3.2359	4.0128
Rh-95m	0.3225	0.2754	0.2270	0.3309	1.9816	1.5519	1.5701	2.0848
Rh-96	1.2771	1.1077	0.9543	1.2402	7.7629	5.7374	6.9190	10.2407
Rh-96m	0.3185	0.2837	0.2644	0.2941	1.9155	1.4471	1.8966	2.1176
Rh-97	0.4455	0.3793	0.3419	0.4540	2.6920	2.0471	2.6587	2.8591
Rh-97m	0.6968	0.6178	0.5953	0.7137	4.2363	3.3841	4.1652	4.3116
Rh-98	0.3785	0.3274	0.2746	0.3571	2.2861	1.7187	1.9471	3.4590
Rh-99	0.5612	0.4960	0.4247	0.5248	3.2751	2.8110	2.9696	3.5860
Rh-99m	0.4500	0.3884	0.3493	0.4374	2.6681	2.1111	2.3918	3.1941
Rn-207	0.6562	0.5642	0.4830	0.7198	3.9080	3.1941	3.7401	4.6888
Rn-209	0.7405	0.6381	0.5593	0.8135	4.3956	3.5997	4.4371	5.0536
Rn-210	0.0519	0.0454	0.0401	0.0581	0.3024	0.2570	0.2876	0.3628
Rn-211	0.9463	0.8258	0.7551	1.0392	5.6239	4.4895	5.3595	7.1462
Rn-212	0.0002	0.0001	0.0001	0.0002	0.0010	0.0007	0.0008	0.0014
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0004	0.0003	0.0003	0.0004	0.0025	0.0019	0.0019	0.0038
Rn-219	0.0647	0.0558	0.0521	0.0678	0.4019	0.3219	0.3777	0.3929
Rn-220	1.6312	1.6211	1.6623	1.6619	1.6975	1.6561	1.6761	1.7258
Rn-222	0.0002	0.0002	0.0002	0.0003	0.0016	0.0012	0.0011	0.0013
Rn-223	0.3240	0.2775	0.2617	0.3898	1.8213	1.5619	1.7194	2.5167
Ru-103	0.3181	0.2706	0.2130	0.3389	1.9925	1.5721	1.4508	1.6318
Ru-105	0.4340	0.3721	0.3134	0.4413	2.6631	2.0257	2.2513	3.1342
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.1762	0.1536	0.1415	0.1945	1.0870	0.8446	0.9679	1.1561
Ru-108	0.1225	0.1034	0.0982	0.2046	0.7719	0.6977	0.5504	0.8019
Ru-92	1.3124	1.1806	1.1180	1.2814	7.9831	6.7208	6.9708	7.7689
Ru-94	0.4367	0.3744	0.3366	0.4198	2.5563	2.0096	2.4965	3.0181
Ru-95	0.5992	0.5167	0.4754	0.6056	3.5934	2.7578	3.2869	4.4592
Ru-97	0.4275	0.3930	0.3720	0.3977	2.5096	2.2254	2.1696	2.4770
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.2982	0.2352	0.2586	0.3797	1.7970	1.4012	2.2823	1.5643
S-38	0.3066	0.2768	0.2756	0.2435	1.9924	1.4639	2.5639	1.6505
Sb-111	0.4706	0.3996	0.3647	0.6531	2.9590	2.4616	2.3289	3.0256
Sb-113	0.3984	0.3466	0.2901	0.4074	2.4672	1.9873	2.0111	2.1318
Sb-114	0.5168	0.4518	0.4722	0.5731	3.1568	2.3036	3.1041	3.6999
Sb-115	0.4186	0.3696	0.3072	0.4073	2.5719	2.1287	2.0874	2.0821

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-116	0.4728	0.4189	0.4411	0.5143	2.8651	2.1560	2.9395	3.2896
Sb-116m	1.2984	1.1429	1.1037	1.4385	7.8864	6.2115	7.5172	9.0763
Sb-117	0.3936	0.3462	0.3357	0.5731	2.4398	2.2520	1.9852	2.4866
Sb-118	0.0487	0.0469	0.0457	0.0369	0.2804	0.2562	0.3024	0.2846
Sb-118m	1.2805	1.1647	1.2020	1.2857	7.7862	6.3084	7.5555	8.6879
Sb-119	0.1639	0.1630	0.1580	0.1041	0.9137	0.9028	1.0288	0.8947
Sb-120	0.0851	0.0844	0.0807	0.0548	0.4824	0.4672	0.5403	0.4671
Sb-120m	1.3051	1.1865	1.1517	1.4731	7.8618	6.6245	7.5780	8.8853
Sb-122m	0.3274	0.3204	0.2569	0.3119	1.9102	1.7344	1.6149	1.8023
Sb-122	0.2488	0.2132	0.1705	0.2509	1.5283	1.1841	1.1583	1.8682
Sb-124	0.6336	0.5537	0.4875	0.5817	3.9295	2.9032	3.5537	4.9534
Sb-124m	0.2463	0.2099	0.1713	0.2527	1.4992	1.1550	1.1443	1.9723
Sb-124n	0.0050	0.0033	0.0083	0.0131	0.0181	0.0164	0.0180	0.0512
Sb-125	0.3780	0.3311	0.2892	0.3614	2.2777	1.8732	2.0901	2.4965
Sb-126	1.3941	1.1882	0.9875	1.3956	8.4952	6.3167	7.3964	11.3435
Sb-126m	0.8356	0.7060	0.5866	0.8443	5.0865	3.7857	4.5156	6.7728
Sb-127	0.3946	0.3391	0.2830	0.3941	2.4284	1.8507	2.0532	2.7717
Sb-128	1.5168	1.2978	1.0764	1.5328	9.3299	6.9279	7.8243	11.5174
Sb-128m	0.9634	0.8200	0.6809	0.9834	5.9675	4.3745	5.0845	6.9026
Sb-129	0.5456	0.4758	0.4285	0.5611	3.3703	2.4716	3.1134	3.8630
Sb-130m	1.1335	0.9868	0.8836	1.2292	6.9720	5.1873	6.3177	7.8058
Sb-130	1.5883	1.3691	1.2064	1.7261	9.8531	7.4131	8.6801	10.5376
Sb-131	0.6810	0.5957	0.5640	0.7180	4.1991	3.0773	4.0218	5.2551
Sb-133	0.7210	0.6285	0.6285	0.7807	4.4587	3.2324	4.4858	5.0822
Sc-42m	0.9799	0.8463	0.8466	1.0337	6.0868	4.3813	5.9232	6.3660
Sc-43	0.0699	0.0564	0.0509	0.0809	0.4321	0.3183	0.4278	0.4614
Sc-44	0.3199	0.2792	0.3043	0.3962	1.9369	1.3921	1.8772	2.6070
Sc-44m	0.3016	0.2672	0.2617	0.2989	1.9260	1.5454	1.6387	1.7649
Sc-46	0.6577	0.5771	0.5726	0.7564	4.0095	2.8902	3.8331	5.1870
Sc-47	0.1915	0.1544	0.1521	0.3786	1.2520	1.1152	0.8053	1.3204
Sc-48	1.0115	0.8925	0.9359	1.2070	6.1756	4.4666	5.9798	8.2713
Sc-49	0.0002	0.0002	0.0002	0.0002	0.0014	0.0010	0.0016	0.0012
Sc-50	0.9815	0.8640	0.8371	0.9940	6.1321	4.4624	5.6423	6.5029
Se-70	0.4215	0.3440	0.3975	0.5648	2.3120	1.9279	2.1661	2.8980
Se-71	0.3073	0.2593	0.2505	0.4360	1.9318	1.5164	1.5969	2.1927
Se-72	0.2232	0.1819	0.2480	0.3052	1.0990	1.0400	1.0867	1.6251
Se-73	0.5118	0.4421	0.3795	0.6353	3.0615	2.4072	2.6235	3.4212
Se-73m	0.0662	0.0560	0.0609	0.0893	0.3603	0.3011	0.3465	0.5084
Se-75	0.5951	0.5019	0.5245	0.7853	3.6102	2.9788	3.0258	3.8857
Se-77m	0.1886	0.1524	0.1673	0.3569	1.1237	1.0071	0.8277	1.4286

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-79m	0.0953	0.0772	0.1023	0.1554	0.4235	0.4097	0.5050	0.8793
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0062	0.0053	0.0048	0.0063	0.0390	0.0303	0.0323	0.0393
Se-81m	0.1053	0.0853	0.1096	0.1700	0.4861	0.4699	0.5591	0.9354
Se-83m	0.3308	0.2888	0.2779	0.3575	2.0449	1.4954	2.0258	2.5817
Se-83	1.0816	0.9317	0.8499	1.1435	6.7327	5.0658	6.1848	6.9888
Se-84	0.3212	0.2606	0.2295	0.3587	1.9759	1.4647	2.0419	2.0000
Si-31	0.0002	0.0002	0.0002	0.0003	0.0013	0.0009	0.0012	0.0016
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	0.5093	0.4425	0.4106	0.5102	3.1740	2.5370	2.7662	3.2827
Sm-140	0.3193	0.2844	0.2891	0.3043	1.9401	1.7425	1.8368	1.8501
Sm-141	0.4617	0.3930	0.3739	0.4680	2.8364	2.2260	2.8712	2.8109
Sm-141m	0.9190	0.8132	0.7690	0.9486	5.6353	4.6211	5.1575	5.6534
Sm-142	0.1511	0.1377	0.1499	0.1100	0.8869	0.9163	0.9174	0.7604
Sm-143	0.1021	0.0927	0.1004	0.0791	0.6033	0.5988	0.6203	0.5450
Sm-143m	0.3103	0.2678	0.2215	0.2968	1.8940	1.4050	1.6761	2.2022
Sm-145	0.3155	0.2899	0.3034	0.2420	1.8563	1.8873	1.8346	1.6025
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0002	0.0001	0.0002	0.0003	0.0007	0.0007	0.0007	0.0015
Sm-153	0.2324	0.2067	0.1982	0.2306	1.3842	1.4000	1.3444	1.2262
Sm-155	0.2682	0.2332	0.2018	0.3269	1.6332	1.6210	1.5682	1.4568
Sm-156	0.2431	0.2169	0.2065	0.3003	1.4651	1.3748	1.2871	1.3683
Sm-157	0.4099	0.3686	0.3504	0.4614	2.5205	2.1932	2.1348	2.2653
Sn-106	0.7372	0.6536	0.6028	0.7240	4.5005	3.6361	4.2028	4.5470
Sn-108	0.7156	0.6294	0.5778	0.7292	4.3616	3.6244	4.1474	4.5187
Sn-109	0.6957	0.6227	0.6166	0.6840	4.2445	3.2548	4.3451	4.7050
Sn-110	0.4415	0.4013	0.3790	0.3923	2.7190	2.2910	2.4620	2.5813
Sn-111	0.1375	0.1321	0.1264	0.0989	0.7961	0.7114	0.8637	0.8155
Sn-113	0.1363	0.1358	0.1288	0.0813	0.7634	0.7474	0.8373	0.7500
Sn-113m	0.0937	0.0933	0.0896	0.0593	0.5252	0.5189	0.5923	0.5051
Sn-117m	0.3708	0.3219	0.3139	0.5699	2.3139	2.1279	1.8225	2.3749
Sn-119m	0.1077	0.1063	0.1059	0.0738	0.5926	0.5854	0.6644	0.6096
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.0352	0.0336	0.0350	0.0268	0.1943	0.1905	0.2161	0.1875
Sn-123	0.0021	0.0018	0.0020	0.0025	0.0127	0.0092	0.0124	0.0177
Sn-123m	0.2611	0.2149	0.2108	0.4835	1.6870	1.5131	1.1455	1.7489
Sn-125m	0.2962	0.2423	0.2094	0.3390	1.8827	1.3916	1.5909	1.9924

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-125	0.1091	0.0956	0.0936	0.1219	0.6709	0.4876	0.6543	0.8249
Sn-126	0.2227	0.2087	0.1724	0.2268	1.2947	1.2783	1.3176	1.2188
Sn-127m	0.3187	0.2713	0.2217	0.3393	1.9997	1.5577	1.5371	1.6101
Sn-127	0.6805	0.5936	0.5700	0.7565	4.1955	3.1397	3.9519	4.8155
Sn-128	0.7097	0.6462	0.5545	0.6314	4.2439	3.7158	3.9520	3.9457
Sn-129	0.4215	0.3638	0.3138	0.4175	2.5616	1.9044	2.1790	3.8027
Sn-130	0.7870	0.7112	0.6147	0.8231	4.8032	4.0002	4.1440	4.6375
Sn-130m	0.4834	0.4297	0.3846	0.5151	2.9621	2.3862	2.6886	3.2381
Sr-79	0.3049	0.2653	0.2433	0.3292	1.7839	1.6110	1.7370	2.0693
Sr-80	0.3247	0.2802	0.2476	0.3470	1.7867	1.4779	1.6941	2.8001
Sr-81	0.4355	0.3661	0.3354	0.6206	2.7171	2.2471	2.1378	2.9769
Sr-82	0.1167	0.1028	0.0997	0.1180	0.4834	0.4562	0.7023	1.2533
Sr-83	0.4066	0.3505	0.3208	0.4173	2.1822	1.7400	2.4031	3.4087
Sr-85	0.4264	0.3667	0.3067	0.4465	2.4177	1.9829	2.0970	2.9140
Sr-85m	0.3369	0.3045	0.3014	0.3691	2.0909	1.7979	1.7609	1.9110
Sr-87m	0.2755	0.2238	0.2005	0.3056	1.6588	1.2378	1.7638	1.8583
Sr-89	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.2715	0.2376	0.2196	0.2911	1.6566	1.2113	1.5129	2.2503
Sr-92	0.3376	0.2968	0.3160	0.3561	2.0935	1.4850	2.0562	2.3062
Sr-93	0.8718	0.7539	0.6841	0.9308	5.3527	4.0382	4.8008	6.5084
Sr-94	0.3494	0.3090	0.3214	0.3410	2.1834	1.5325	2.1575	2.3275
Ta-170	0.3279	0.2901	0.2751	0.4043	1.9297	1.6443	1.6193	2.1007
Ta-172	0.7768	0.6906	0.6703	0.9112	4.6591	3.7640	3.9943	5.0278
Ta-173	0.5405	0.4801	0.4496	0.7015	3.1578	2.6525	2.3620	3.4187
Ta-174	0.5760	0.5183	0.4976	0.6963	3.4108	2.9029	2.7812	3.4106
Ta-175	0.7962	0.7095	0.6537	0.9142	4.7965	3.8635	3.9191	4.9047
Ta-176	0.8290	0.7344	0.7203	0.9317	4.9949	3.8743	4.5589	5.3896
Ta-177	0.2414	0.2182	0.1935	0.3006	1.3877	1.1869	0.9442	1.4293
Ta-178	0.2543	0.2294	0.2084	0.3181	1.4519	1.2432	1.0268	1.5299
Ta-178m	1.5301	1.3281	1.1691	1.7910	9.2879	7.7328	7.8685	9.0725
Ta-179	0.1184	0.1050	0.1043	0.1606	0.6515	0.5558	0.4417	0.7475
Ta-180	0.2044	0.1847	0.1661	0.2576	1.1621	1.0040	0.8006	1.2180
Ta-182	0.6767	0.6040	0.5857	0.8813	4.0375	3.2641	3.4280	4.7428
Ta-182m	0.6209	0.5354	0.5320	0.9724	3.6839	3.1897	2.5269	4.0161
Ta-183	0.6242	0.5499	0.5324	0.8240	3.6905	3.1605	2.8461	3.8792
Ta-184	1.1653	1.0039	0.9377	1.3392	7.1283	5.6008	6.3318	7.4991
Ta-185	0.3320	0.2906	0.2882	0.5088	1.9544	1.7045	1.3838	2.1494
Ta-186	1.0687	0.9361	0.8242	1.1928	6.5723	5.2991	5.2725	6.8683
Tb-146	0.7491	0.6650	0.6774	0.7022	4.6885	3.3957	4.7319	4.8368

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-147m	0.4622	0.4088	0.4331	0.4343	2.8448	2.2055	2.8868	2.8284
Tb-147	0.7760	0.6725	0.6673	0.8663	4.7362	3.7333	4.3234	5.6102
Tb-148m	1.4719	1.2578	1.1002	1.4892	8.9764	6.7876	8.2585	10.7079
Tb-148	0.6515	0.5650	0.5127	0.6401	3.9998	3.0538	3.7800	4.1890
Tb-149m	0.6237	0.5409	0.4755	0.5986	3.7863	2.9887	3.3747	4.1600
Tb-149	0.7116	0.6094	0.5787	0.7763	4.3717	3.5264	4.0168	4.6332
Tb-150m	1.4684	1.2531	1.0619	1.4773	8.9582	7.0147	7.4718	11.1523
Tb-150	0.7470	0.6465	0.6034	0.7230	4.5563	3.5919	4.2646	5.3956
Tb-151	0.9258	0.8038	0.7555	0.9322	5.6728	4.8174	5.0134	5.6443
Tb-151m	0.1386	0.1127	0.1393	0.1812	0.7431	0.6425	0.6717	0.8994
Tb-152m	0.8118	0.6971	0.6640	0.8615	4.9922	4.1560	4.2838	4.8825
Tb-152	0.6433	0.5507	0.5273	0.6543	3.9632	3.1455	3.7432	4.0990
Tb-153	0.5208	0.4614	0.4553	0.5309	3.1327	2.8879	2.8029	2.8772
Tb-154	0.7444	0.6485	0.6495	0.7556	4.5676	3.6972	4.6096	4.6070
Tb-155	0.5019	0.4421	0.4232	0.5334	3.0058	2.9098	2.7916	2.7101
Tb-156	1.0927	0.9574	0.9273	1.1537	6.6484	5.5143	5.9559	6.8076
Tb-156m	0.1571	0.1367	0.1207	0.1137	0.9341	0.8389	0.7550	0.6616
Tb-156n	0.0301	0.0234	0.0372	0.0513	0.1435	0.1368	0.1376	0.2255
Tb-157	0.0349	0.0282	0.0416	0.0501	0.1757	0.1708	0.1684	0.2394
Tb-158	0.5296	0.4680	0.4654	0.5576	3.1646	2.6913	2.9929	3.5248
Tb-160	0.5311	0.4644	0.4512	0.5981	3.2361	2.5163	2.9863	3.7614
Tb-161	0.1767	0.1592	0.1601	0.1696	0.9953	0.9407	0.9301	0.9638
Tb-162	0.7242	0.6403	0.6002	0.7439	4.4932	3.5613	3.9911	4.4951
Tb-163	0.6054	0.5050	0.4342	0.6605	3.7613	2.8879	3.2922	3.7922
Tb-164	1.1723	1.0160	0.9291	1.2785	7.2028	5.6106	6.2577	8.2677
Tb-165	0.2689	0.2335	0.2402	0.3013	1.6453	1.2264	1.5215	1.8066
Tc-101	0.3123	0.2616	0.2283	0.3488	1.9959	1.5177	1.5769	2.0533
Tc-102m	0.8416	0.7256	0.6594	0.8701	5.2268	3.9092	4.8401	5.6970
Tc-102	0.0380	0.0323	0.0278	0.0410	0.2355	0.1794	0.2010	0.2366
Tc-104	0.7796	0.6611	0.6101	0.8339	4.8782	3.6139	4.6981	5.0333
Tc-105	0.5388	0.4642	0.4161	0.6296	3.3543	2.7282	2.8679	3.5140
Tc-91	0.3179	0.2769	0.2770	0.3177	1.9831	1.4502	2.1282	1.9195
Tc-91m	0.2177	0.1872	0.1570	0.2283	1.3572	1.0538	1.0569	1.1838
Tc-92	1.2351	1.0629	0.9724	1.3497	7.7597	5.8665	6.9127	7.9662
Tc-93	0.4458	0.3973	0.4090	0.4007	2.6326	1.9789	2.6712	3.0619
Tc-93m	0.3277	0.2730	0.2584	0.3486	1.9595	1.5005	2.1482	2.0901
Tc-94	1.1446	0.9990	0.8667	1.1148	6.8623	5.1115	6.2901	8.6073
Tc-94m	0.4264	0.3741	0.3449	0.4294	2.5781	1.9030	2.5319	3.0103
Tc-95	0.4494	0.3939	0.3350	0.3915	2.5974	2.0192	2.4277	3.2243
Tc-95m	0.5554	0.4984	0.4458	0.5333	3.2595	2.7273	2.8342	3.6573

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-96	1.1157	0.9714	0.8365	1.0779	6.6903	4.9591	6.2129	7.6570
Tc-96m	0.0756	0.0693	0.0648	0.0505	0.3878	0.3524	0.3924	0.5472
Tc-97	0.1143	0.1045	0.0958	0.0647	0.5524	0.5316	0.5999	0.8753
Tc-97m	0.0867	0.0809	0.0752	0.0484	0.4254	0.4115	0.4425	0.6262
Tc-98	0.6573	0.5650	0.4551	0.6299	3.9902	2.9506	3.3343	5.6369
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.2286	0.1883	0.1680	0.3720	1.4906	1.2652	1.0103	1.4801
Te-113	0.3707	0.3249	0.3179	0.3881	2.2815	1.6779	2.3015	2.6039
Te-114	0.6092	0.5538	0.5183	0.5528	3.6799	3.0564	3.6999	3.6808
Te-115	0.5563	0.4914	0.4805	0.5692	3.4006	2.5693	3.2126	3.9750
Te-115m	0.6495	0.5741	0.5477	0.6397	3.9870	2.9724	3.9341	4.5046
Te-116	0.3382	0.3205	0.2887	0.2787	1.9560	1.9167	2.1039	1.8111
Te-117	0.4910	0.4396	0.4010	0.4424	2.9801	2.3158	2.9570	3.3761
Te-118	0.1350	0.1330	0.1268	0.0824	0.7630	0.7470	0.8588	0.6726
Te-119	0.4688	0.4207	0.3622	0.3984	2.7846	2.2606	2.5171	3.8504
Te-119m	0.7695	0.6770	0.6840	0.9527	4.7384	3.8675	4.2874	5.2490
Te-121	0.4609	0.4122	0.3480	0.4115	2.7697	2.3100	2.3620	3.0429
Te-121m	0.3649	0.3419	0.3321	0.3576	2.2073	1.9931	1.9623	1.8360
Te-123	0.0046	0.0031	0.0074	0.0115	0.0170	0.0155	0.0171	0.0456
Te-123m	0.3309	0.2814	0.2773	0.5319	2.0759	1.8907	1.5865	2.0901
Te-125m	0.2365	0.2286	0.2207	0.1498	1.3405	1.3020	1.4944	1.1105
Te-127	0.0041	0.0034	0.0030	0.0045	0.0252	0.0194	0.0248	0.0245
Te-127m	0.0751	0.0720	0.0713	0.0524	0.4208	0.4065	0.4656	0.3667
Te-129	0.0730	0.0650	0.0631	0.0708	0.4264	0.3667	0.4119	0.4031
Te-129m	0.0679	0.0640	0.0609	0.0498	0.3880	0.3570	0.4099	0.3767
Te-131	0.3575	0.2996	0.2760	0.5202	2.2675	1.8762	1.7552	2.3705
Te-131m	0.6964	0.6093	0.5478	0.7295	4.2712	3.3046	3.9344	4.5864
Te-132	0.4722	0.4381	0.4225	0.4148	2.8798	2.5697	2.6212	2.2885
Te-133	0.5337	0.4517	0.4137	0.5814	3.3384	2.4612	3.0862	3.6291
Te-133m	0.8130	0.7118	0.6527	0.8528	5.0049	3.7967	4.6455	5.8201
Te-134	0.6918	0.6108	0.5292	0.7169	4.2484	3.4972	3.7191	4.1972
Th-223	0.2599	0.2262	0.2060	0.3270	1.4326	1.4011	1.5008	1.7927
Th-224	0.0424	0.0366	0.0354	0.0609	0.2535	0.2288	0.2111	0.2760
Th-226	0.0322	0.0277	0.0280	0.0387	0.1685	0.1577	0.1766	0.2467
Th-227	0.3109	0.2701	0.2753	0.3425	1.6905	1.4975	1.6797	2.2454
Th-228	0.0258	0.0221	0.0242	0.0304	0.1186	0.1127	0.1412	0.2309
Th-229	0.3982	0.3452	0.3424	0.4936	2.0683	2.0052	2.2376	2.9830
Th-230	1.7973	1.7673	1.7476	1.7231	1.8935	1.8688	1.8718	1.8910
Th-231	0.2157	0.1892	0.2017	0.2326	1.0150	0.9771	1.2023	1.8213
Th-232	5.6202	5.4812	5.5384	5.2670	5.8285	5.5761	5.7686	5.7804

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Th-233	0.0684	0.0580	0.0622	0.0872	0.3591	0.3265	0.3646	0.5107
Th-234	0.0514	0.0461	0.0416	0.0615	0.2694	0.2531	0.2617	0.3825
Th-235	0.0337	0.0286	0.0244	0.0361	0.2035	0.1593	0.1859	0.2401
Th-236	0.0549	0.0471	0.0434	0.0648	0.3099	0.2781	0.2987	0.3953
Ti-44	0.4855	0.4660	0.3180	0.5452	2.8897	2.7160	2.5500	2.7391
Ti-45	0.0026	0.0019	0.0033	0.0050	0.0121	0.0097	0.0117	0.0232
Ti-51	0.2980	0.2450	0.2109	0.3441	1.9028	1.4021	1.5356	2.0627
Ti-52	0.2565	0.2154	0.1819	0.3286	1.6176	1.3384	1.2228	1.5918
Tl-190	0.4713	0.4013	0.3495	0.5335	2.8330	2.2103	2.6883	3.2476
Tl-190m	1.2300	1.0551	0.8987	1.3189	7.4440	5.7360	6.5775	9.2398
Tl-194	0.4960	0.4288	0.3650	0.5703	2.9444	2.3756	2.6980	3.4547
Tl-194m	1.5845	1.3685	1.1603	1.7045	9.5171	7.5133	8.3623	11.6034
Tl-195	0.6700	0.5945	0.5630	0.7906	3.9041	3.2044	3.6831	4.6146
Tl-196	0.8347	0.7284	0.6522	0.9064	5.0489	3.9521	4.9181	5.4814
Tl-197	0.4880	0.4360	0.3773	0.6069	2.8368	2.4332	2.5169	3.2736
Tl-198	0.9087	0.7924	0.7236	1.0068	5.4756	4.2815	5.4305	6.0542
Tl-198m	1.0289	0.8901	0.7754	1.1459	6.1037	4.9322	5.3412	7.6726
Tl-199	0.4652	0.4207	0.3685	0.5787	2.6957	2.3863	2.3517	2.9457
Tl-200	0.8063	0.6983	0.6312	0.9457	4.8201	3.7999	4.4809	5.5817
Tl-201	0.3438	0.3119	0.2755	0.4701	1.9173	1.7675	1.6793	2.3187
Tl-202	0.5368	0.4669	0.3941	0.6386	3.1675	2.6325	2.8862	3.2987
Tl-204	0.0054	0.0049	0.0044	0.0073	0.0295	0.0274	0.0267	0.0371
Tl-206m	1.6296	1.4301	1.3072	1.7426	10.0180	7.9468	8.7381	10.9544
Tl-206	0.0003	0.0003	0.0002	0.0003	0.0015	0.0015	0.0016	0.0018
Tl-207	0.0009	0.0008	0.0007	0.0010	0.0055	0.0040	0.0052	0.0068
Tl-208	0.7808	0.6587	0.6079	0.8921	4.7929	3.6921	4.6486	5.0378
Tl-209	0.9511	0.8291	0.7407	0.9786	5.9833	4.6478	5.4852	5.4042
Tl-210	1.0466	0.9026	0.8486	1.1281	6.4248	4.8080	6.1311	6.9377
Tm-161	0.9674	0.8467	0.8070	0.9740	5.8297	4.9733	5.0689	5.2749
Tm-162	0.5844	0.5081	0.4965	0.6121	3.5357	2.8418	3.3909	3.5833
Tm-163	0.8642	0.7568	0.7210	0.8815	5.2065	4.3009	4.5518	5.0625
Tm-164	0.2275	0.1984	0.1936	0.2290	1.3461	1.1391	1.2120	1.2865
Tm-165	0.6755	0.5897	0.5566	0.6695	4.0910	3.4238	3.4070	3.7771
Tm-166	0.8663	0.7552	0.7207	0.8968	5.2370	4.1743	4.8632	5.4756
Tm-167	0.3764	0.3328	0.3290	0.3957	2.2047	1.9670	1.7493	1.9256
Tm-168	0.9556	0.8346	0.7548	1.0262	5.7553	4.7306	4.8780	5.7779
Tm-170	0.0174	0.0151	0.0152	0.0225	0.0958	0.0896	0.0855	0.1045
Tm-171	0.0028	0.0024	0.0023	0.0032	0.0156	0.0135	0.0112	0.0155
Tm-172	0.1770	0.1560	0.1614	0.1962	1.0651	0.8214	1.0143	1.1612
Tm-173	0.3240	0.2640	0.2356	0.3631	1.9778	1.4777	2.0397	2.0314

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tm-174	1.2814	1.1048	1.0606	1.5322	7.9308	6.2601	6.9342	8.6285
Tm-175	0.5681	0.4885	0.4278	0.6164	3.4937	2.6749	2.9195	3.7011
Tm-176	0.9009	0.7815	0.7650	1.0620	5.5015	4.3518	5.0498	5.9007
U-227	0.2866	0.2520	0.2407	0.3257	1.6319	1.5102	1.6136	1.8901
U-228	0.0310	0.0268	0.0279	0.0347	0.1505	0.1440	0.1708	0.2578
U-230	0.0298	0.0256	0.0280	0.0327	0.1339	0.1261	0.1590	0.2728
U-231	0.4629	0.4044	0.3961	0.5271	2.3524	2.3098	2.6552	3.5465
U-232	0.0270	0.0231	0.0258	0.0294	0.1180	0.1112	0.1443	0.2540
U-233	0.0141	0.0120	0.0137	0.0161	0.0614	0.0580	0.0756	0.1334
U-234	1.7574	1.7673	1.6636	1.8653	1.8330	1.8849	1.9303	1.7948
U-235	3.8471	3.7839	3.7133	3.8151	4.0030	3.8323	4.0815	3.6798
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0221	0.0189	0.0212	0.0241	0.0960	0.0908	0.1190	0.2098
U-237	0.4607	0.4105	0.3762	0.5434	2.5593	2.3849	2.3470	3.0560
U-238	1.5063	1.4984	1.4144	1.5273	1.5694	1.5221	1.4028	1.4357
U-239	0.1697	0.1591	0.1210	0.1767	0.9686	0.9236	0.9415	1.0445
U-240	0.0763	0.0656	0.0728	0.0849	0.3546	0.3386	0.4048	0.6552
U-242	0.0631	0.0577	0.0446	0.0717	0.3761	0.3194	0.2816	0.4130
V-47	0.0026	0.0022	0.0027	0.0034	0.0155	0.0120	0.0160	0.0171
V-48	0.6893	0.6053	0.6424	0.8154	4.1947	3.0150	4.0979	5.5086
V-49	0.0124	0.0083	0.0204	0.0323	0.0447	0.0405	0.0444	0.1265
V-50	0.3688	0.3288	0.3339	0.3209	2.3200	1.6178	2.3259	2.2371
V-52	0.3404	0.3022	0.3197	0.3293	2.1344	1.4894	2.1340	2.2152
V-53	0.3440	0.3061	0.3155	0.4095	2.0984	1.5216	2.0452	2.9731
W-177	0.9986	0.8772	0.7951	1.2705	5.9444	4.9049	4.6680	6.4949
W-178	0.0830	0.0716	0.0814	0.1300	0.4333	0.3712	0.3046	0.5837
W-179	0.2642	0.2380	0.2330	0.3438	1.4584	1.2616	1.0647	1.6287
W-179m	0.1845	0.1691	0.1552	0.2467	1.0517	0.8941	0.7111	1.1533
W-181	0.1777	0.1615	0.1477	0.2374	0.9970	0.8460	0.6515	1.1134
W-185m	0.1261	0.1000	0.1478	0.2465	0.6111	0.5349	0.4853	1.0303
W-185	0.0002	0.0001	0.0001	0.0002	0.0009	0.0008	0.0006	0.0010
W-187	0.3387	0.2974	0.2390	0.3826	2.0517	1.6277	1.5663	2.3787
W-188	0.0029	0.0026	0.0025	0.0035	0.0178	0.0146	0.0137	0.0179
W-190	0.4451	0.3972	0.3550	0.7053	2.6364	2.2657	1.6690	2.9662
Xe-120	0.5256	0.4833	0.4361	0.4711	3.1152	2.7722	3.0293	2.9593
Xe-121	0.4424	0.3920	0.3731	0.4482	2.7143	2.2335	2.6825	2.5434
Xe-122	0.1992	0.1849	0.1744	0.1544	1.1612	1.0671	1.2164	0.9716
Xe-123	0.4116	0.3627	0.3467	0.4976	2.5378	2.2052	2.2440	2.4253
Xe-125	0.5122	0.4731	0.4527	0.4929	3.0942	2.7885	2.8237	2.5730
Xe-127	0.5183	0.4733	0.4491	0.5529	3.1384	2.8247	2.7918	2.6511

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-127m	0.3668	0.3200	0.2887	0.4562	2.3060	2.0200	1.8649	2.0057
Xe-129m	0.2831	0.2671	0.2607	0.1895	1.6235	1.5630	1.7596	1.2268
Xe-131m	0.1179	0.1103	0.1087	0.0852	0.6726	0.6429	0.7261	0.5240
Xe-133	0.2035	0.1904	0.1593	0.1706	1.1885	1.1718	1.2946	0.9510
Xe-133m	0.1470	0.1379	0.1352	0.1071	0.8567	0.7995	0.8902	0.6607
Xe-135	0.3388	0.3087	0.3091	0.3079	2.1576	1.7962	1.8812	1.8314
Xe-135m	0.2841	0.2447	0.1969	0.2868	1.7569	1.4067	1.3311	1.6194
Xe-137	0.1116	0.0934	0.0792	0.1211	0.6942	0.5298	0.6164	0.6257
Xe-138	0.4258	0.3722	0.3673	0.4283	2.6820	2.0727	2.7520	2.4839
Y-81	0.3415	0.2955	0.2479	0.3972	1.9993	1.7599	1.9200	2.2907
Y-83	0.2712	0.2383	0.2228	0.2540	1.5095	1.2536	1.5897	1.9984
Y-83m	0.3103	0.2725	0.2578	0.2999	1.8885	1.5400	1.7322	1.8887
Y-84m	1.0907	0.9546	0.8904	1.1678	6.6647	4.8405	6.2756	8.3501
Y-85	0.2695	0.2314	0.1921	0.2828	1.6067	1.2843	1.3120	1.6295
Y-85m	0.2961	0.2616	0.2502	0.2922	1.7523	1.3831	1.7720	2.0477
Y-86	1.1329	0.9879	0.9377	1.1873	6.8224	5.0890	6.7007	8.8830
Y-86m	0.3035	0.2806	0.2700	0.3405	1.8652	1.6568	1.5036	1.5611
Y-87	0.4084	0.3489	0.2950	0.4197	2.3223	1.9049	2.0901	2.6571
Y-87m	0.2654	0.2163	0.1925	0.2912	1.6010	1.2005	1.6594	1.7974
Y-88	0.7938	0.7067	0.6802	0.7296	4.7708	3.5586	5.3424	5.5568
Y-89m	0.3350	0.2947	0.2756	0.3669	2.0484	1.4800	1.9444	2.5828
Y-90	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Y-90m	0.5963	0.5285	0.4660	0.6630	3.6821	3.0988	2.9137	3.0327
Y-91	0.0008	0.0007	0.0008	0.0010	0.0048	0.0035	0.0047	0.0064
Y-91m	0.3117	0.2664	0.2107	0.3168	1.9149	1.4928	1.4303	2.2269
Y-92	0.0885	0.0775	0.0736	0.0957	0.5451	0.3968	0.5122	0.6520
Y-93	0.0449	0.0399	0.0390	0.0435	0.2842	0.2201	0.2682	0.2817
Y-94	0.2621	0.2297	0.2183	0.2872	1.6086	1.1685	1.5414	1.9857
Y-95	0.2031	0.1753	0.1803	0.2210	1.2634	0.9332	1.4044	1.3146
Yb-162	0.4736	0.4024	0.3749	0.6089	2.8733	2.4984	2.1528	2.8056
Yb-163	0.3713	0.3224	0.3121	0.4064	2.1884	1.7776	1.8349	2.2704
Yb-164	0.1961	0.1707	0.1607	0.1935	1.1308	0.9912	0.8678	1.0040
Yb-165	0.5232	0.4559	0.4430	0.5917	2.9803	2.6477	2.5267	2.9967
Yb-166	0.3697	0.3241	0.2978	0.3683	2.1308	1.9061	1.6962	1.8779
Yb-167	0.7848	0.6753	0.6349	0.9374	4.6223	4.1445	3.6585	4.2988
Yb-169	0.9100	0.8075	0.7284	1.0447	5.4026	4.7148	3.9701	4.9147
Yb-175	0.0456	0.0385	0.0347	0.0521	0.2798	0.2224	0.2536	0.2771
Yb-177	0.1462	0.1248	0.1196	0.2136	0.9078	0.7453	0.6851	0.9982
Yb-178	0.0342	0.0278	0.0254	0.0394	0.2092	0.1571	0.2045	0.2228
Yb-179	0.5988	0.5096	0.4189	0.6260	3.6553	2.8099	2.8898	4.8568

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-60	0.3549	0.3112	0.2522	0.3699	2.1623	1.6518	1.6745	2.8678
Zn-61	0.1513	0.1309	0.1234	0.1543	0.9481	0.7047	0.9256	0.9037
Zn-62	0.3061	0.2570	0.2701	0.3626	1.7685	1.4829	1.4696	2.1997
Zn-63	0.0592	0.0509	0.0493	0.0665	0.3530	0.2611	0.3191	0.5119
Zn-65	0.2058	0.1718	0.2229	0.3099	1.1448	0.8532	1.1152	1.7965
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.3020	0.2484	0.2133	0.3369	1.8642	1.4136	1.7328	1.7503
Zn-71	0.1688	0.1442	0.1209	0.1836	1.0513	0.8094	0.8475	1.0188
Zn-71m	0.9514	0.7985	0.6684	1.0208	5.8745	4.4638	5.0367	6.6576
Zn-72	0.3315	0.2668	0.2996	0.5890	1.9687	1.7319	1.4626	2.3390
Zr-85	0.2944	0.2473	0.2187	0.3146	1.8090	1.3682	1.7192	1.8087
Zr-86	0.6137	0.5552	0.5333	0.5251	3.4634	3.0401	3.4401	4.1743
Zr-87	0.0449	0.0393	0.0388	0.0435	0.2385	0.1948	0.2655	0.3771
Zr-88	0.4259	0.3527	0.3181	0.4353	2.4157	1.8939	2.6849	3.1020
Zr-89	0.4322	0.3806	0.3552	0.4417	2.4930	1.8973	2.5101	3.4777
Zr-89m	0.3212	0.2761	0.2246	0.3122	1.9508	1.4973	1.5354	2.6770
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.3220	0.2771	0.2244	0.3107	1.9658	1.4337	1.7083	2.4160
Zr-97	0.3825	0.3295	0.2744	0.3760	2.3395	1.7180	2.0453	2.8059

Table 15: Adobe Infinite Contamination 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2265	0.1932	0.1354	0.2390
Ac-224	3.0384	2.2423	1.5125	2.1161
Ac-225	0.2992	0.2619	0.1846	0.3478
Ac-226	1.4597	1.0424	0.7240	0.9237
Ac-227	0.0320	0.0417	0.0271	0.0732
Ac-228	2.5687	1.6822	1.6268	1.9293
Ac-230	1.1384	0.7290	0.8206	0.9267
Ac-231	3.5560	2.4734	1.9293	2.2393
Ac-232	1.9909	1.2435	1.5243	1.4540
Ac-233	1.9737	1.1671	1.4156	1.2483
Ag-100m	3.7904	2.2019	2.3786	2.3853
Ag-101	2.9093	1.8937	1.8242	1.7871
Ag-102m	2.4171	1.4715	2.1572	1.6537
Ag-102	5.6379	3.3385	3.8180	3.7558
Ag-103	2.6520	1.7879	1.5891	1.8604
Ag-104	6.6081	4.0684	4.3567	4.6658
Ag-104m	2.7544	1.7099	2.1809	1.9778
Ag-105	3.0759	2.2638	2.1604	2.5029
Ag-105m	0.0123	0.0150	0.0073	0.0212
Ag-106	0.5692	0.4348	0.5243	0.5916
Ag-106m	8.0264	4.9338	5.2269	5.6836
Ag-108	0.0639	0.0434	0.0443	0.0530
Ag-108m	5.9587	3.6952	3.6863	4.1040
Ag-109m	0.3141	0.3135	0.3099	0.4376
Ag-110	0.0939	0.0551	0.0528	0.0577
Ag-110m	6.4571	3.7476	3.6840	4.0740
Ag-111	0.1606	0.1070	0.0940	0.0972
Ag-111m	0.1668	0.1701	0.1691	0.2440
Ag-112	1.5110	0.8744	0.9594	0.9503
Ag-113m	1.1241	0.7486	0.6793	0.7313
Ag-113	0.3605	0.2423	0.2193	0.2133
Ag-114	0.6343	0.3695	0.4475	0.4030
Ag-115	1.3093	0.8402	0.8657	0.8197
Ag-116	3.7433	2.2295	3.2733	2.5745
Ag-117	2.5433	1.5547	1.9248	1.5305
Ag-99	3.7564	2.3545	2.3213	2.2180
Al-26	2.3073	1.3159	1.8865	1.3532
Al-28	2.2644	1.2818	1.7678	1.3207
Al-29	1.8023	1.0636	1.0185	1.6699

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	3.4471	2.2946	1.8897	2.2654
Am-238	3.5293	2.2365	2.0594	2.4855
Am-239	3.5755	2.4593	1.8878	2.6231
Am-240	3.7021	2.4368	2.3528	2.8377
Am-241	1.1249	1.0991	1.2064	0.9488
Am-242	0.4051	0.3399	0.3031	0.4933
Am-242m	0.1799	0.2103	0.2065	0.3816
Am-243	1.2380	1.0964	0.7367	0.8360
Am-244	3.0356	2.1530	2.0571	2.7587
Am-244m	0.1306	0.1283	0.1303	0.2148
Am-245	0.4019	0.2744	0.2164	0.2566
Am-246	3.9938	2.9922	2.6458	3.8254
Am-246m	2.2727	1.4440	1.4614	1.7594
Am-247	1.5049	1.0234	0.8155	0.9799
Ar-37	0.0072	0.0124	0.0025	0.0189
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.7621	1.0251	0.8003	1.6227
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	2.4661	1.4532	1.8430	1.6844
Ar-44	3.6919	2.2698	2.3728	2.3369
As-68	4.8266	2.8248	3.2777	3.1404
As-69	0.6304	0.4179	0.3472	0.3725
As-70	6.2279	3.6577	4.0342	4.0821
As-71	1.9443	1.3895	0.8647	1.3826
As-72	1.9518	1.1644	1.2071	1.2761
As-73	0.3989	0.5610	0.2078	0.7697
As-74	1.5808	0.9640	0.9315	1.0333
As-76	1.2450	0.7231	0.8103	0.7883
As-77	0.0599	0.0396	0.0327	0.0288
As-78	2.7654	1.6082	1.7027	1.8240
As-79	0.1215	0.0717	0.0705	0.0740
At-204	8.1264	5.0610	4.8995	5.0665
At-205	3.7522	2.6019	2.1332	2.4615
At-206	8.2851	5.2187	4.8806	5.1995
At-207	6.0793	4.0678	3.6685	4.0028
At-208	9.4905	6.1681	5.4742	6.1689
At-209	8.4753	5.6735	4.9484	5.6551
At-210	7.2945	4.8294	3.8733	4.9722
At-211	0.7205	0.6286	0.3850	0.5203
At-215	0.0009	0.0006	0.0004	0.0005

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0396	0.0324	0.0203	0.0252
At-217	0.0020	0.0014	0.0011	0.0010
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.9386	1.9616	1.6063	1.5522
Au-186	4.2262	3.0097	2.3330	2.9404
Au-187	3.2575	2.3812	1.8579	2.2333
Au-190	5.4058	3.7781	4.0858	3.4905
Au-191	4.0593	2.9828	2.1492	2.5036
Au-192	4.9693	3.4963	3.5397	3.2818
Au-193	2.3338	1.9336	1.1433	1.4768
Au-193m	1.8867	1.4081	0.9872	1.0210
Au-194	3.8144	2.7566	2.2808	2.5028
Au-195	1.7703	1.5591	0.8383	1.2399
Au-195m	1.8981	1.4239	1.0064	1.0559
Au-196	3.4369	2.5084	1.8716	2.2083
Au-196m	3.3070	2.6927	1.5181	2.3889
Au-198	1.9241	1.0962	0.9567	1.1145
Au-198m	6.1183	4.6206	2.9339	4.2166
Au-199	1.1821	0.8374	0.4669	0.6401
Au-200	0.6818	0.4155	0.3483	0.4972
Au-200m	9.1938	5.8048	5.3016	5.3805
Au-201	0.1772	0.1248	0.1054	0.1292
Au-202	0.4570	0.2670	0.2662	0.3050
Ba-124	2.1398	1.6327	1.3839	1.4091
Ba-126	2.8485	2.0911	1.8519	1.8177
Ba-127	1.1325	0.8997	0.7654	0.7569
Ba-128	1.1153	0.9885	0.8631	0.7494
Ba-129	1.2187	1.0279	0.8842	0.8642
Ba-129m	5.6836	3.8336	3.4078	3.8341
Ba-131	3.4252	2.4708	2.3045	2.1504
Ba-131m	1.4791	1.0392	0.7826	0.7346
Ba-133	3.7899	2.9811	2.4954	2.4153
Ba-133m	0.9860	0.8624	0.7317	0.6535
Ba-135m	0.9164	0.7898	0.6874	0.5563
Ba-137m	1.8779	1.1165	1.0592	1.1256
Ba-139	0.4804	0.3181	0.1970	0.2321
Ba-140	0.9979	0.6893	0.6590	0.6803
Ba-141	3.6617	2.4391	2.1395	2.4139
Ba-142	3.2315	2.1112	1.9060	1.9867

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.2132	0.1231	0.1493	0.1303
Bi-197	4.3326	2.9571	2.4768	2.9520
Bi-200	9.2407	5.9581	5.4256	5.5874
Bi-201	4.4707	3.0460	2.6283	3.0244
Bi-202	8.5596	5.4628	4.9795	5.3331
Bi-203	5.7190	3.7939	3.5151	3.7130
Bi-204	8.5090	5.5297	5.0454	5.4577
Bi-205	4.3076	2.9043	2.6855	2.7799
Bi-206	9.9667	6.4525	6.0360	6.3944
Bi-207	4.9389	3.2777	3.0352	3.2502
Bi-208	2.8503	2.0640	3.9821	2.4288
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.9166	1.3389	1.0880	0.9796
Bi-211	0.2912	0.1990	0.1649	0.1865
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2816	0.1936	0.1683	0.2308
Bi-213	0.6195	0.3760	0.3602	0.3753
Bi-214	2.7373	1.5974	1.8074	1.7976
Bi-215	1.3632	0.9643	0.7975	0.8256
Bi-216	3.0011	1.7529	1.9053	1.8143
Bk-245	3.1046	2.0619	1.5977	1.9799
Bk-246	3.3243	2.2342	2.0341	2.7061
Bk-247	1.8493	1.3006	0.9425	0.9632
Bk-248m	0.6131	0.4422	0.3923	0.5403
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	2.0183	1.2769	1.4096	1.4816
Bk-251	1.3612	0.9692	0.7602	1.0850
Br-72	3.7917	2.2482	2.4688	2.6004
Br-73	1.9578	1.3239	1.0670	1.1838
Br-74	4.3550	2.7222	3.7228	2.8633
Br-74m	5.4188	3.2316	3.7561	3.5259
Br-75	2.6050	1.7499	1.5084	1.4873
Br-76	3.9071	2.3720	3.0635	2.7195
Br-76m	0.9951	0.9800	0.8712	1.1575
Br-77	1.7328	1.2477	1.0648	1.3413
Br-77m	0.4089	0.3564	0.2161	0.5308
Br-78	0.2965	0.1832	0.1738	0.2044
Br-80	0.1806	0.1140	0.1037	0.1304
Br-80m	0.7520	0.8174	0.6593	1.1105

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1855	0.2432	0.1449	0.4689
Br-82	6.5497	3.8118	3.8422	4.2141
Br-83	0.0267	0.0156	0.0192	0.0165
Br-84m	6.0743	3.4622	3.3527	3.8872
Br-84	2.2681	1.3668	1.9091	1.4505
Br-85	0.1445	0.0849	0.0887	0.0908
C-10	1.9750	1.1471	1.1029	1.2119
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0128	0.0221	0.0044	0.0337
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.5916	0.9255	0.7775	1.3819
Ca-49	1.9805	1.2251	2.2088	1.1818
Cd-101	3.8473	2.3747	2.4426	2.6092
Cd-102	3.0137	2.0077	2.1624	2.3404
Cd-103	3.0611	2.0280	2.5349	2.5015
Cd-104	2.0809	1.7149	1.5217	1.8698
Cd-105	2.0703	1.4121	1.6729	1.7506
Cd-107	0.8845	0.9009	0.9301	1.3220
Cd-109	0.8106	0.8403	0.8684	1.2383
Cd-111m	2.7421	1.8990	1.4643	1.3652
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0007	0.0007	0.0008
Cd-115	0.8223	0.4967	0.5942	0.5146
Cd-115m	0.0656	0.0385	0.0394	0.0458
Cd-117	2.6806	1.6547	1.4973	1.7289
Cd-117m	3.2934	1.9483	2.5549	2.2100
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	3.3053	2.0427	2.3057	2.1014
Cd-119m	3.8260	2.2566	2.7759	2.5908
Ce-130	3.1620	2.3296	1.9921	1.8566
Ce-131	4.0718	2.6717	2.4128	2.5231
Ce-132	3.0140	2.3200	1.7729	1.9829
Ce-133	2.6346	2.0758	1.7552	1.4944
Ce-133m	5.8270	3.8990	3.9117	3.6305
Ce-134	0.8490	0.8026	0.7412	0.5870
Ce-135	4.2939	3.0084	2.8218	2.5469
Ce-137	0.9178	0.8705	0.7851	0.6732
Ce-137m	0.8831	0.7548	0.6974	0.5280
Ce-139	2.3068	1.7420	1.2869	1.2671

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9654	0.6241	0.4257	0.3871
Ce-143	2.1306	1.6177	1.5153	1.2750
Ce-144	0.2825	0.2021	0.1581	0.1316
Ce-145	3.4785	2.4492	2.3213	2.2057
Cf-244	0.0672	0.0781	0.0806	0.1428
Cf-246	0.0465	0.0538	0.0555	0.0980
Cf-247	1.7405	1.3392	1.1288	1.7033
Cf-248	0.0562	0.0647	0.0669	0.1175
Cf-249	1.9111	1.2258	1.0525	1.3276
Cf-250	0.0633	0.0619	0.0647	0.1026
Cf-251	1.7162	1.2252	0.9381	1.3375
Cf-252	1.0030	0.6356	0.6962	0.6917
Cf-253	0.1559	0.1752	0.1772	0.2953
Cf-254	35.3574	21.5862	23.8061	22.1603
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	2.1021	1.2604	1.8004	1.1944
Cl-36	0.0001	0.0002	0.0000	0.0003
Cl-38	1.6586	0.9718	1.6637	1.0661
Cl-39	2.8634	1.7131	1.4093	1.8489
Cl-40	4.0042	2.3922	3.5794	2.8273
Cm-238	1.4133	0.9259	0.7020	0.9721
Cm-239	3.2698	2.2565	1.5714	2.3367
Cm-240	0.0735	0.0856	0.0858	0.1595
Cm-241	3.7341	2.4909	2.3294	2.8902
Cm-242	0.0659	0.0768	0.0770	0.1432
Cm-243	1.7626	1.2627	0.9832	1.3592
Cm-244	0.0566	0.0659	0.0661	0.1229
Cm-245	1.8230	1.2340	0.9236	1.3467
Cm-246	0.0527	0.0572	0.0578	0.1028
Cm-247	1.6013	0.9168	0.7620	0.9126
Cm-248	2.7981	1.7318	1.9041	1.8193
Cm-249	0.0972	0.0821	0.0511	0.1030
Cm-250	27.9052	17.0404	18.8162	17.4974
Cm-251	0.5402	0.3370	0.3464	0.3646
Co-54m	5.7364	3.2797	2.9556	4.0665
Co-55	2.6237	1.5453	1.6155	1.7444
Co-56	4.9835	3.0027	3.5786	3.6637
Co-57	1.5136	0.9824	0.5638	0.8215
Co-58	2.0099	1.2261	1.1477	1.3660

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0516	0.0887	0.0179	0.1354
Co-60	3.6875	2.1475	1.8369	3.1418
Co-60m	0.0880	0.1221	0.0380	0.1658
Co-61	1.3047	1.0856	0.6349	0.6938
Co-62	2.2095	1.3194	1.5890	1.7878
Co-62m	3.9412	2.3246	2.5334	3.0855
Cr-48	3.5592	2.2855	1.8230	1.8684
Cr-49	1.6568	1.0992	0.6497	0.6719
Cr-51	0.2206	0.1854	0.1360	0.2062
Cr-55	0.0009	0.0005	0.0006	0.0006
Cr-56	1.9427	1.6275	1.0880	1.1962
Cs-121	1.3713	0.9091	0.7382	0.7815
Cs-121m	2.5250	1.7767	1.4416	1.7210
Cs-123	1.9754	1.3658	1.1838	1.2124
Cs-124	0.7850	0.5135	0.5130	0.5124
Cs-125	1.6771	1.1737	1.1888	1.1032
Cs-126	1.3133	0.8200	0.7681	0.8172
Cs-127	2.5806	1.8021	1.5952	1.6552
Cs-128	0.9081	0.6180	0.6217	0.6018
Cs-129	2.3331	1.8049	1.6022	1.6205
Cs-130m	1.6983	1.5231	1.2037	1.0848
Cs-130	0.5483	0.4857	0.4505	0.4230
Cs-131	0.7608	0.7395	0.6515	0.6204
Cs-132	2.8128	1.9261	1.7908	1.8502
Cs-134	4.4434	2.5844	2.6165	2.7468
Cs-134m	0.5293	0.4635	0.3539	0.3792
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.8696	2.2799	2.2544	2.4597
Cs-136	5.6316	3.4925	3.2855	3.6449
Cs-137	1.7867	1.7248	1.8055	1.6699
Cs-138m	1.5849	1.1492	1.0119	1.1465
Cs-138	4.0120	2.3399	2.7747	2.7458
Cs-139	0.4013	0.2370	0.2992	0.3029
Cs-140	2.7840	1.6450	2.2518	1.8231
Cu-57	0.1975	0.1171	0.1258	0.1463
Cu-59	0.9554	0.5694	0.5436	0.6848
Cu-60	4.0021	2.3261	2.6558	2.8756
Cu-61	0.7428	0.5046	0.4102	0.4889
Cu-62	0.0129	0.0094	0.0079	0.0127
Cu-64	0.0396	0.0580	0.0147	0.0884

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1936	0.1145	0.1249	0.1277
Cu-67	1.3044	0.9225	0.5701	0.8451
Cu-69	1.1740	0.6881	0.7378	0.7518
Dy-148	2.9501	1.9609	2.0129	1.7457
Dy-149	4.5847	3.0285	3.1757	2.7181
Dy-150	1.8342	1.2076	1.1291	1.0543
Dy-151	4.3457	2.8596	2.9072	2.7514
Dy-152	2.9532	2.1275	1.9316	1.2679
Dy-153	4.9419	3.5866	3.5066	2.8593
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	3.5485	2.5839	2.3850	2.1756
Dy-157	2.8439	2.1452	2.1241	1.8155
Dy-159	1.1543	0.9942	1.0844	0.6773
Dy-165m	0.2391	0.1987	0.1640	0.1800
Dy-165	0.2496	0.1799	0.1702	0.1312
Dy-166	0.9117	0.7747	0.7164	0.5272
Dy-167	2.8473	1.8772	1.8091	1.5290
Dy-168	2.4201	1.6564	1.5614	1.5701
Er-154	1.2410	1.1116	1.1028	0.8762
Er-156	1.4929	1.3414	1.2679	1.0261
Er-159	3.5137	2.3777	2.3501	2.1351
Er-161	3.5531	2.4626	2.4097	2.2724
Er-163	0.9608	0.8200	0.8709	0.5422
Er-165	0.9232	0.7897	0.8370	0.5233
Er-167m	1.0081	0.8150	0.6167	0.8115
Er-169	0.0015	0.0026	0.0005	0.0039
Er-171	3.0122	2.1283	1.8947	1.6994
Er-172	2.8036	1.8529	1.7486	1.6057
Er-173	4.4396	3.1400	2.5580	3.0178
Es-249	2.8440	1.8556	1.5329	1.9771
Es-250	7.3629	5.3142	4.7541	6.3408
Es-250m	2.4221	1.6019	1.4217	1.7940
Es-251	1.6255	1.2044	0.9851	1.4479
Es-253	0.0195	0.0214	0.0212	0.0368
Es-254	0.6232	0.7194	0.6725	1.2372
Es-254m	1.6710	1.0983	1.0690	1.3006
Es-255	0.0014	0.0009	0.0010	0.0009
Es-256	0.1030	0.1139	0.1168	0.1885
Eu-142	0.4833	0.3016	0.3588	0.3153
Eu-142m	6.7341	4.0190	4.3139	4.2780

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.8067	0.5441	0.6258	0.5225
Eu-144	0.3876	0.2550	0.3012	0.2411
Eu-145	3.3521	2.2205	2.4784	2.0773
Eu-146	6.3551	3.9446	4.0729	3.9858
Eu-147	2.8030	2.0789	1.9858	1.8315
Eu-148	7.5176	4.6287	4.9147	4.6164
Eu-149	1.1227	0.9634	1.0107	0.7532
Eu-150	6.7001	4.3357	4.3885	4.2316
Eu-150m	0.2531	0.1823	0.1825	0.1614
Eu-152	3.8746	2.5597	2.4690	2.4266
Eu-152m	1.0377	0.6994	0.7177	0.6340
Eu-152n	1.5189	1.1285	0.7937	0.7939
Eu-154	3.3279	2.0348	1.8766	2.0765
Eu-154m	1.5560	1.2557	0.9149	0.9273
Eu-155	1.1933	0.8463	0.6483	0.5548
Eu-156	2.2442	1.3879	1.6061	1.5434
Eu-157	2.2208	1.6285	1.4996	1.3398
Eu-158	2.9135	1.8448	1.9686	1.9121
Eu-159	2.4027	1.8466	1.7157	1.3771
F-17	0.0007	0.0004	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7823	1.1637	0.6501	0.9230
Fe-53	0.8381	0.5010	0.4375	0.5049
Fe-53m	5.6905	3.3300	3.5033	3.9699
Fe-55	0.0426	0.0733	0.0146	0.1120
Fe-59	1.9496	1.1547	1.0453	1.5771
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.7087	1.6394	1.6582	1.8726
Fe-62	2.0740	1.2087	1.5764	1.2896
Fm-251	1.6444	1.1433	0.9069	1.2355
Fm-252	0.0517	0.0580	0.0606	0.1010
Fm-253	1.2001	0.9846	0.8675	1.3000
Fm-254	0.0665	0.0673	0.0707	0.1110
Fm-255	0.5340	0.6021	0.5981	1.0412
Fm-256	26.2665	16.0434	17.6363	16.4893
Fm-257	1.7908	1.3315	1.0926	1.5121
Fr-212	3.7154	2.6107	1.9244	2.8381
Fr-219	0.0214	0.0142	0.0125	0.0135
Fr-220	0.1963	0.1723	0.1120	0.1842
Fr-221	0.2888	0.2212	0.1526	0.2096

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.5822	1.2283	0.8768	1.4332
Fr-223	0.9901	0.8491	0.7832	0.8003
Fr-224	1.9816	1.3468	1.0709	1.4478
Fr-227	3.1446	2.1161	1.6326	1.9110
Ga-64	2.9838	1.7896	2.4488	1.9704
Ga-65	1.6513	1.0500	0.7162	0.8439
Ga-66	1.9881	1.2708	1.9722	1.4578
Ga-67	1.7151	1.2735	0.7837	1.1873
Ga-68	0.0820	0.0602	0.0484	0.0778
Ga-70	0.0190	0.0122	0.0109	0.0131
Ga-72	4.5514	2.7070	3.7086	3.0446
Ga-73	2.2592	1.7116	1.3889	1.6121
Ga-74	5.1249	3.0425	4.4352	3.4340
Gd-142	1.8189	1.2430	1.2381	1.1455
Gd-143m	5.0477	3.3561	3.3004	2.8487
Gd-144	1.1751	0.8604	1.1231	0.7924
Gd-145m	1.9915	1.2468	1.1683	1.2911
Gd-145	3.2195	2.0630	2.8257	1.9982
Gd-146	4.2911	3.0750	2.7895	2.0681
Gd-147	5.8988	3.9496	3.7201	3.5990
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.8255	2.6968	2.5336	2.1132
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3095	1.0960	1.0935	0.8255
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.3689	1.7768	1.7163	1.2387
Gd-159	0.4867	0.3635	0.3581	0.2900
Gd-162	2.0134	1.1803	1.1123	1.2037
Ge-66	2.6991	1.9057	1.5824	1.7850
Ge-67	2.0919	1.3039	0.9072	1.1043
Ge-68	0.1056	0.1810	0.0371	0.2779
Ge-69	1.5224	0.9899	0.9024	1.2188
Ge-71	0.1071	0.1836	0.0377	0.2819
Ge-75	0.2697	0.1813	0.1459	0.1214
Ge-77	4.5545	2.9578	2.5356	2.7892
Ge-78	2.0325	1.3744	1.1618	0.9510
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9503	1.4871	1.3058	1.2369
Hf-169	3.0632	2.0900	2.1810	1.8337
Hf-170	3.5771	2.5756	2.1140	2.0188

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.2266	1.9217	1.4874	1.4761
Hf-173	4.0912	2.8851	2.2641	2.0361
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.9402	2.1923	1.8883	1.8078
Hf-177m	17.5209	12.4719	9.9002	10.6154
Hf-178m	13.5471	9.1223	7.9925	8.4664
Hf-179m	6.9005	4.7491	3.7944	4.0305
Hf-180m	6.7112	4.6860	3.9900	4.3258
Hf-181	3.1369	1.9818	1.8792	1.7640
Hf-182	2.0129	1.3747	1.0849	0.8871
Hf-182m	5.4534	3.7708	3.1957	3.2851
Hf-183	3.0433	2.0377	1.7356	1.8200
Hf-184	2.3291	1.7665	1.2060	1.5683
Hg-190	2.9343	2.2581	1.2545	1.6593
Hg-191m	6.6060	4.5708	3.6181	3.8758
Hg-192	3.2700	2.6097	1.6737	1.9737
Hg-193	3.5429	2.6552	1.9230	2.4068
Hg-193m	3.8049	2.6200	2.0762	2.4988
Hg-194	0.0787	0.1203	0.0450	0.2057
Hg-195	1.8158	1.5613	0.9362	1.3364
Hg-195m	1.9363	1.6136	1.0455	1.4566
Hg-197	1.5518	1.4304	0.7841	1.1362
Hg-197m	1.3798	1.1151	0.6308	0.9415
Hg-199m	2.2375	1.6739	0.9541	1.2813
Hg-203	1.8736	1.3172	1.0629	0.9374
Hg-205	0.0518	0.0422	0.0275	0.0447
Hg-206	0.8370	0.6120	0.5086	0.5255
Hg-207	5.5587	3.4360	3.6490	3.4856
Ho-150	2.8879	1.7357	1.7476	1.7932
Ho-153	3.0990	2.1732	2.0427	1.8287
Ho-153m	3.4866	2.3357	2.1390	1.8886
Ho-154m	8.4301	5.2614	5.2909	5.2582
Ho-154	4.3184	2.7889	2.7657	2.7481
Ho-155	2.6767	1.9669	1.9071	1.5611
Ho-156	5.5572	3.6129	3.5371	3.0420
Ho-157	4.0494	3.0253	2.8941	2.3663
Ho-159	4.1645	3.0509	2.7978	2.1465
Ho-160	5.7366	3.8012	3.7946	3.5692
Ho-161	1.4345	1.2473	1.2362	0.9796
Ho-162	1.3313	1.1148	1.1227	0.8038

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.8155	2.1427	1.9291	1.9082
Ho-163	0.0017	0.0029	0.0006	0.0045
Ho-164	0.7191	0.6135	0.6299	0.4163
Ho-164m	1.1675	1.0533	1.0088	0.7884
Ho-166	0.2737	0.2336	0.1863	0.1729
Ho-166m	6.4744	4.2340	3.6885	4.0635
Ho-167	2.3784	1.6532	1.4806	1.5010
Ho-168	2.5301	1.5979	1.4910	1.6202
Ho-168m	0.1783	0.1739	0.1476	0.1519
Ho-170	5.6869	3.7114	3.4228	3.3662
I-118m	8.2881	4.9028	4.8772	5.3002
I-118	2.8851	1.7018	1.7776	1.8505
I-119	2.6326	1.8422	1.5402	1.3017
I-120	3.5860	2.1930	2.8036	2.3905
I-120m	7.3179	4.3364	4.7316	4.7025
I-121	2.5974	2.0797	1.6435	2.1142
I-122	0.6341	0.4308	0.4520	0.4438
I-123	2.3583	1.7101	1.2046	1.3382
I-124	2.5874	1.7105	1.7402	1.7707
I-125	1.4117	1.3760	1.2144	1.3296
I-126	1.8778	1.2335	1.1105	1.2485
I-128	0.3351	0.2118	0.2163	0.2177
I-129	0.8131	0.7813	0.7072	0.6451
I-130m	0.5425	0.3904	0.4049	0.3924
I-130	6.6832	3.8750	4.0159	4.1086
I-131	4.5591	4.1495	4.8408	4.1550
I-132	5.9033	3.4398	3.4385	3.6837
I-132m	1.4730	1.0137	0.9063	1.0388
I-133	2.1464	1.2526	1.4987	1.3423
I-134m	2.6540	2.0310	1.7672	1.5365
I-134	6.0587	3.5537	3.6719	3.8129
I-135	2.6460	1.5488	1.5833	1.9142
In-103	4.0854	2.6177	2.6361	2.9003
In-105	3.4036	2.1411	2.0943	2.1279
In-106	7.1883	4.2663	4.4239	4.5264
In-106m	3.4219	2.0243	2.4558	2.1326
In-107	3.2006	2.2526	2.3378	2.6307
In-108	9.1582	5.6467	5.6180	6.0532
In-108m	3.4615	2.1635	2.6431	2.2997
In-109	2.9993	2.3089	1.9287	2.7268

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.9128	1.1198	1.0652	1.1566
In-110	8.3734	5.1354	5.2300	5.6095
In-110m	2.4924	1.5476	1.6446	1.6979
In-111	4.1994	3.0160	2.2665	2.5441
In-111m	1.8712	1.1189	1.3428	1.1967
In-112	0.3230	0.2751	0.2734	0.3586
In-112m	0.6958	0.6017	0.5073	0.6742
In-113m	1.4555	0.9179	0.7769	0.9834
In-114	0.0068	0.0052	0.0050	0.0072
In-114m	0.7077	0.5882	0.4958	0.6964
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.1643	0.8780	0.8064	0.9368
In-116m	4.1231	2.4052	2.4006	3.1193
In-117	3.6779	2.1819	1.9504	1.8776
In-117m	0.8218	0.6001	0.4923	0.5639
In-118m	5.1969	3.0613	2.9699	3.8588
In-118	0.1221	0.0718	0.0658	0.1043
In-119	2.0889	1.2807	1.2255	1.4234
In-119m	0.2053	0.1554	0.1450	0.1946
In-121	2.2161	1.3195	1.3849	1.3406
In-121m	0.6689	0.5881	0.4831	0.5596
Ir-180	4.5395	3.0242	2.4195	2.5824
Ir-182	4.2007	2.8629	2.1657	2.3794
Ir-183	4.3278	3.1353	2.4114	2.7120
Ir-184	6.7314	4.5090	3.7310	3.9379
Ir-185	3.6376	2.7802	1.9718	2.3508
Ir-186	6.3822	4.3286	3.5876	3.8523
Ir-186m	3.7119	2.4995	2.1526	2.2803
Ir-187	2.3960	1.9110	1.2369	1.5998
Ir-188	4.8130	3.2336	3.3510	3.0003
Ir-189	1.4607	1.2969	0.7065	1.0070
Ir-190	7.4367	4.9480	4.1857	4.7677
Ir-190m	0.0627	0.1048	0.0253	0.1651
Ir-190n	1.1980	1.0656	0.5820	0.8079
Ir-191m	1.3024	1.1052	0.5734	0.9060
Ir-192	4.4803	3.0275	2.8797	2.8650
Ir-192m	0.0813	0.1280	0.0413	0.2127
Ir-192n	0.1794	0.2747	0.0910	0.4492
Ir-193m	0.0693	0.1099	0.0291	0.1690
Ir-194	0.4070	0.2750	0.2503	0.2651

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	9.9132	6.1314	6.1437	6.1628
Ir-195	1.1761	1.0111	0.5547	0.8132
Ir-195m	2.5313	1.8071	1.3503	1.6040
Ir-196	0.8472	0.5278	0.4847	0.5366
Ir-196m	10.5689	6.3292	6.0777	6.4175
K-38	2.1924	1.3468	2.9007	1.5016
K-40	0.2219	0.1247	0.1095	0.1596
K-42	0.4048	0.2237	0.2071	0.2619
K-43	3.8805	2.2985	2.1086	2.3173
K-44	3.0238	1.8158	2.5215	2.2104
K-45	3.5061	2.1518	2.3173	2.2259
K-46	2.8728	1.7262	1.9544	2.2393
Kr-74	2.4262	1.7557	1.2260	1.5923
Kr-75	1.9692	1.2010	0.7702	0.9367
Kr-76	2.9043	2.1211	1.8381	2.1847
Kr-77	1.9681	1.1877	0.7360	0.8402
Kr-79	1.0787	0.8234	0.6331	1.0164
Kr-81	0.2200	0.2917	0.1718	0.5651
Kr-81m	1.2817	1.0113	0.6530	1.1943
Kr-83m	0.0903	0.1230	0.0693	0.2343
Kr-85	0.0090	0.0052	0.0067	0.0056
Kr-85m	1.5628	0.9602	0.5951	0.6624
Kr-87	1.6390	0.9541	1.2322	1.0541
Kr-88	2.8092	1.8236	2.8115	2.1828
Kr-89	3.4768	2.1175	2.3939	2.2706
La-128	6.3606	3.9575	4.0122	3.8407
La-129	2.3790	1.6550	1.4624	1.3168
La-130	4.5338	2.8291	2.9148	2.8990
La-131	3.0200	2.1260	1.8807	1.7609
La-132	4.1497	2.6062	3.0691	2.6334
La-132m	3.1100	2.0519	1.8735	1.7407
La-133	1.0635	0.9554	0.8390	0.7584
La-134	0.4643	0.3883	0.3642	0.3131
La-135	0.8788	0.8321	0.7494	0.6144
La-136	0.6070	0.5618	0.5054	0.4244
La-137	0.8104	0.7818	0.6974	0.5710
La-138	2.4259	1.5498	1.3931	1.7161
La-140	4.5877	2.6489	2.8449	2.8235
La-141	0.0369	0.0211	0.0198	0.0297
La-142	3.1899	1.9130	2.9615	2.1395

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.4462	0.2611	0.3225	0.2979
Lu-165	4.0521	2.8337	2.5276	2.3074
Lu-167	4.8412	3.3602	3.3038	3.0429
Lu-169m	0.0431	0.0741	0.0150	0.1135
Lu-169	4.3115	3.0250	2.7625	2.7730
Lu-170	4.5535	3.0505	3.5752	3.0799
Lu-171m	0.0522	0.0836	0.0200	0.1227
Lu-171	3.4789	2.6362	2.3597	2.2975
Lu-172	6.1349	4.1396	3.8480	3.9391
Lu-172m	0.0388	0.0666	0.0134	0.1020
Lu-173	2.8656	2.3123	2.0075	1.5340
Lu-174	1.2745	1.0844	0.9356	0.7884
Lu-174m	1.2965	1.1725	0.9040	0.9012
Lu-176	3.9637	3.0358	2.3451	2.9317
Lu-176m	0.3050	0.2566	0.1611	0.1973
Lu-177	0.3966	0.2948	0.2010	0.2684
Lu-177m	8.6803	6.1555	4.6248	5.2023
Lu-178	0.3803	0.2647	0.1890	0.2674
Lu-178m	7.7669	5.4069	4.3188	4.8488
Lu-179	0.2537	0.1912	0.1351	0.1866
Lu-180	4.0301	2.5614	2.1501	2.8455
Lu-181	2.8704	1.9796	1.6732	1.8343
Mg-27	2.0198	1.1889	1.2386	1.2753
Mg-28	3.3438	2.1789	1.9691	2.3685
Mn-50m	6.5582	3.8093	3.6773	4.6367
Mn-51	0.0113	0.0078	0.0070	0.0097
Mn-52	6.0474	3.5215	3.3853	4.1010
Mn-52m	2.0309	1.1407	0.9941	1.5005
Mn-53	0.0347	0.0597	0.0119	0.0912
Mn-54	2.0060	1.2159	1.1733	1.3409
Mn-56	2.9365	1.7221	2.1418	1.8406
Mn-57	0.5425	0.3942	0.2765	0.4544
Mn-58m	4.4165	2.5672	2.6203	3.1100
Mo-101	3.3958	2.0922	2.1682	2.3449
Mo-102	0.1752	0.1210	0.0813	0.1066
Mo-89	0.4279	0.2574	0.2929	0.3169
Mo-90	3.9273	2.6724	2.3420	2.5278
Mo-91m	1.9020	1.1045	1.0438	1.3134
Mo-91	0.0453	0.0377	0.0490	0.0630
Mo-93	0.3802	0.3988	0.4993	0.7686

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	5.4218	3.2576	2.9747	3.4127
Mo-99	0.5625	0.3566	0.3093	0.3693
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.2956	0.9296	1.2347	0.8462
Na-22	1.7409	1.0186	0.7809	1.6531
Na-24	3.9623	2.4020	4.0591	3.1801
Nb-87	2.3834	1.8844	1.3851	2.2950
Nb-88m	7.2611	4.2516	4.4499	4.6714
Nb-88	8.6358	5.3073	5.4403	5.8196
Nb-89	0.7655	0.4943	0.7000	0.6461
Nb-89m	1.9231	1.1552	1.4600	1.3112
Nb-90	5.6552	3.5372	5.2435	4.2142
Nb-91	0.3734	0.3883	0.4681	0.7598
Nb-91m	0.3677	0.3640	0.4423	0.6857
Nb-92	4.4642	2.7749	3.1413	3.2531
Nb-92m	2.4672	1.6238	1.8196	2.0640
Nb-93m	0.0703	0.0753	0.0900	0.1435
Nb-94m	0.2689	0.2779	0.3448	0.5290
Nb-94	3.9408	2.3012	2.2967	2.4404
Nb-95	1.9487	1.1372	1.0965	1.2273
Nb-95m	0.7867	0.6399	0.6100	0.7966
Nb-96	6.2616	3.6748	3.7265	4.0777
Nb-97	2.0051	1.1585	1.1056	1.1936
Nb-98m	6.1752	3.6160	3.6247	3.9958
Nb-99	2.3878	1.4866	1.0736	1.2611
Nb-99m	1.3444	0.8274	1.1244	0.8869
Nd-134	3.0800	2.1989	1.7930	1.6837
Nd-135	3.7222	2.7166	2.4914	2.5469
Nd-136	2.5574	1.9370	1.8254	1.4721
Nd-137	3.4457	2.4830	2.4648	2.1734
Nd-138	0.9685	0.8703	0.8622	0.6531
Nd-139	1.1154	0.8711	0.8579	0.7317
Nd-139m	5.3328	3.5069	3.4373	3.2371
Nd-140	0.8518	0.7836	0.7855	0.5736
Nd-141	0.8859	0.8023	0.8020	0.5992
Nd-141m	1.8612	1.1083	1.0720	1.1680
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.4122	1.0277	0.9732	0.7851
Nd-149	2.7345	1.8840	1.5777	1.5903
Nd-151	3.2517	2.0240	1.7422	1.8008

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.2681	0.8809	0.7636	0.6402
Ne-19	0.0003	0.0002	0.0001	0.0001
Ne-24	2.1934	1.2659	1.4896	1.3381
Ni-56	6.2644	3.7795	3.1691	3.3907
Ni-57	2.2510	1.3223	1.2157	1.6796
Ni-59	0.0601	0.1035	0.0206	0.1582
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.9224	0.5285	0.4935	0.6459
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	5.3972	3.5715	3.1578	3.8109
Np-233	1.6072	1.0628	0.7738	1.0766
Np-234	3.1148	1.9738	1.6631	2.3089
Np-235	0.2299	0.2718	0.2382	0.5060
Np-236	2.8160	2.1161	1.6300	2.6060
Np-236m	0.8571	0.5843	0.4362	0.6340
Np-237	0.8438	0.7877	0.6441	1.0457
Np-238	1.4464	0.9792	1.0588	1.2432
Np-239	2.4395	1.6775	1.2877	1.7194
Np-240	4.2193	2.8282	2.7429	3.3593
Np-240m	1.1853	0.8053	0.8472	1.0159
Np-241	0.5875	0.3932	0.2982	0.4239
Np-242	0.5131	0.3163	0.3403	0.3827
Np-242m	3.4021	2.3586	2.2101	2.8509
O-14	2.1479	1.3599	3.2899	1.6785
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.7908	1.9703	1.3993	2.4423
Os-180	1.6213	1.4270	0.9167	1.2380
Os-181	5.4179	3.8245	2.9941	3.2429
Os-182	3.3179	2.4464	1.9239	2.1249
Os-183	4.7711	3.4519	2.3579	2.8353
Os-183m	2.9140	2.0571	1.6470	2.0109
Os-185	2.9903	2.0648	1.6178	1.8358
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0590	0.0994	0.0228	0.1554
Os-190m	7.4730	4.7944	4.4533	4.9272
Os-191	1.4297	1.2007	0.6283	0.9616
Os-191m	0.1855	0.2092	0.0843	0.2324
Os-193	0.5765	0.4339	0.2960	0.3659
Os-194	0.1213	0.1468	0.0892	0.1886
Os-196	0.6403	0.4648	0.3207	0.3842

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0016	0.0010	0.0022	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5008	0.4203	0.3000	0.4873
Pa-228	5.4279	3.6284	3.2522	4.0086
Pa-229	1.3209	0.9568	0.6706	0.9870
Pa-230	3.0285	2.0304	1.8117	2.2366
Pa-231	0.6618	0.6533	0.5387	0.9664
Pa-232	3.0075	1.9347	1.9468	2.2495
Pa-233	2.1024	1.5385	1.2935	1.6913
Pa-234	5.5075	3.6078	3.2816	4.0349
Pa-234m	0.0475	0.0304	0.0297	0.0340
Pa-235	0.0206	0.0352	0.0073	0.0542
Pa-236	2.2449	1.4188	1.4745	1.6592
Pa-237	1.7182	1.0297	1.0951	1.1126
Pb-194	4.4866	3.2559	2.4775	3.0256
Pb-195m	6.5957	4.3916	3.5305	4.3270
Pb-196	3.9116	2.9441	2.1985	2.3878
Pb-197	4.5124	3.0521	2.5971	2.9960
Pb-197m	5.6155	3.8807	2.9859	3.6894
Pb-198	3.6662	2.7790	1.9325	2.2759
Pb-199	3.6752	2.5921	2.0479	2.4269
Pb-200	2.8571	2.2601	1.3591	1.7142
Pb-201	4.0890	3.0064	2.3461	2.7240
Pb-201m	1.6072	1.0895	0.8696	1.0109
Pb-202	0.0703	0.1109	0.0361	0.1851
Pb-202m	6.1186	3.6747	3.5906	3.8171
Pb-203	3.1800	2.4616	1.7272	1.8299
Pb-204m	5.7512	3.4619	3.3954	3.5750
Pb-205	0.0712	0.1123	0.0365	0.1874
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1575	0.1895	0.1302	0.3019
Pb-211	0.2270	0.1361	0.1220	0.1395
Pb-212	1.5810	1.2035	0.8259	0.8853
Pb-214	1.7801	1.2775	1.0196	1.1250
Pd-100	2.6402	2.3883	2.0652	2.5294
Pd-101	1.8886	1.6219	1.7818	2.3106
Pd-103	0.4532	0.5187	0.6306	0.9232
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1752	0.9443	0.7007	1.1226

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3180	0.3164	0.3128	0.4411
Pd-111	0.1399	0.0868	0.0831	0.0924
Pd-112	0.1669	0.1877	0.2314	0.3530
Pd-114	0.2229	0.1474	0.1085	0.1172
Pd-96	3.7077	2.3462	2.2862	2.6208
Pd-97	4.0507	2.5568	2.8120	2.5871
Pd-98	2.6465	1.8542	1.6767	2.1051
Pd-99	2.9271	1.8856	1.7554	1.8958
Pm-136	5.9888	3.6074	3.4732	3.6907
Pm-137m	5.8923	3.9174	3.4984	3.4449
Pm-139	1.0304	0.6975	0.6977	0.6347
Pm-140m	6.4387	3.8513	3.8927	4.0297
Pm-140	0.4130	0.2726	0.2771	0.2720
Pm-141	0.7849	0.6060	0.6287	0.5461
Pm-142	0.3019	0.2398	0.2492	0.1947
Pm-143	1.6213	1.2246	1.2352	1.0433
Pm-144	5.8028	3.6449	3.7170	3.5374
Pm-145	0.8931	0.8098	0.8208	0.5916
Pm-146	3.0495	1.9500	2.0167	1.8870
Pm-147	0.0001	0.0000	0.0000	0.0000
Pm-148	1.2083	0.6933	0.7248	0.7851
Pm-148m	6.6765	3.9410	4.1041	4.0021
Pm-149	0.0744	0.0512	0.0453	0.0403
Pm-150	3.5250	2.1895	2.1476	2.4390
Pm-151	2.1875	1.4909	1.2944	1.2650
Pm-152m	5.3452	3.4102	3.0329	2.9747
Pm-152	0.8981	0.5590	0.5534	0.5054
Pm-153	1.0305	0.7432	0.5909	0.5390
Pm-154	3.1733	2.0225	2.5282	2.1089
Pm-154m	5.1389	3.3319	3.0289	3.2620
Po-203	4.8505	3.3894	2.8467	3.3596
Po-204	6.0472	4.5153	3.4208	4.0569
Po-205	4.7494	3.2626	2.7860	3.1295
Po-206	5.2760	3.7853	3.2264	3.6766
Po-207	4.3137	2.9706	2.5338	2.7924
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0344	0.0274	0.0186	0.0252
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0229	0.0135	0.0146	0.0141
Po-212m	0.0958	0.0596	0.1200	0.0721

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001
Po-215	0.0008	0.0005	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	8.1058	5.0068	4.8357	5.1175
Pr-134m	3.8422	2.2826	2.5393	2.3425
Pr-135	2.3832	1.8307	1.6845	1.5038
Pr-136	4.2923	2.6382	3.1873	2.7287
Pr-137	0.8738	0.7382	0.7240	0.5820
Pr-138	0.3021	0.2517	0.2471	0.2022
Pr-138m	6.7514	4.4120	4.3673	4.3200
Pr-139	0.8219	0.7563	0.7313	0.5599
Pr-140	0.4385	0.4037	0.3913	0.2979
Pr-142	0.0845	0.0460	0.0437	0.0507
Pr-142m	0.0027	0.0047	0.0009	0.0072
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0481	0.0283	0.0385	0.0310
Pr-144m	0.3488	0.3279	0.3140	0.2550
Pr-145	0.0568	0.0373	0.0362	0.0360
Pr-146	2.2230	1.2781	1.4246	1.4243
Pr-147	2.8227	2.1195	2.0345	1.7680
Pr-148	2.6653	1.7093	1.7262	1.7299
Pr-148m	3.9733	2.5350	2.4303	2.3933
Pt-184	6.4062	4.9304	3.1697	4.0872
Pt-186	3.6147	2.6331	1.8731	2.2895
Pt-187	4.0208	3.1031	2.0254	2.6053
Pt-188	2.5614	2.1273	1.2415	1.8467
Pt-189	3.6596	2.8561	1.8544	2.3414
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	3.1652	2.5495	1.5895	2.0323
Pt-193	0.0711	0.1143	0.0339	0.1873
Pt-193m	0.2967	0.3163	0.1427	0.3346
Pt-195m	1.6143	1.4529	0.7625	1.2534
Pt-197	0.4516	0.4265	0.2362	0.3948
Pt-197m	1.1173	1.0055	0.5809	0.9275
Pt-199	0.9454	0.6217	0.5964	0.6130
Pt-200	0.9160	0.7856	0.4614	0.6425
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.1714	0.7615	0.5592	0.7862
Pu-234	1.2955	0.8583	0.6368	0.9159
Pu-235	1.6792	1.1466	0.8783	1.2682
Pu-236	0.0754	0.0884	0.0847	0.1676
Pu-237	1.0666	0.7823	0.6054	0.9398
Pu-238	0.0693	0.0815	0.0778	0.1548
Pu-239	0.0338	0.0416	0.0344	0.0759
Pu-240	0.0653	0.0767	0.0733	0.1456
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0560	0.0658	0.0629	0.1249
Pu-243	0.4957	0.4131	0.2975	0.3725
Pu-244	0.0875	0.0796	0.0798	0.1293
Pu-245	1.9531	1.2527	1.1506	1.2701
Pu-246	2.0325	1.4984	1.2343	1.5095
Ra-219	1.2576	0.9255	0.7798	0.8533
Ra-220	0.0207	0.0120	0.0137	0.0126
Ra-221	0.5874	0.4564	0.2904	0.4812
Ra-222	0.0569	0.0401	0.0365	0.0385
Ra-223	1.6882	1.2603	0.8609	1.0303
Ra-224	0.0933	0.0649	0.0484	0.0449
Ra-225	0.4182	0.3903	0.4162	0.3978
Ra-226	1.7806	1.6405	1.6140	1.5143
Ra-227	1.3257	1.0646	0.9059	1.2595
Ra-228	1.6798	1.6034	1.4349	1.5758
Ra-230	0.8377	0.6208	0.4547	0.5869
Rb-77	2.5516	1.7864	1.3619	1.5850
Rb-78m	5.0774	2.9471	3.3400	3.2174
Rb-78	3.8726	2.3565	3.4003	2.5209
Rb-79	2.9072	1.8455	1.5085	1.8575
Rb-80	0.5869	0.3416	0.3345	0.3588
Rb-81	1.0586	0.7426	0.7144	1.0216
Rb-81m	0.3395	0.3511	0.2776	0.6125
Rb-82	0.3290	0.2001	0.1913	0.2338
Rb-82m	6.7937	4.1015	4.0664	4.7753
Rb-83	2.1390	1.4254	1.5809	1.8369
Rb-84	1.5908	1.0574	1.0324	1.3531
Rb-84m	2.6381	1.7823	1.5090	1.5505
Rb-86m	2.0184	1.1740	1.3666	1.2354
Rb-86	0.1722	0.1017	0.1062	0.1216
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.8683	0.5066	0.7166	0.5344
Rb-89	3.3576	2.0080	2.5646	2.4734
Rb-90	1.8106	1.1242	1.5230	1.1408
Rb-90m	4.1978	2.5134	3.2176	2.7921
Re-178	3.8665	2.6939	2.3056	2.2845
Re-179	4.9575	3.4134	2.8616	2.9990
Re-180	3.9507	2.7161	2.2649	2.4410
Re-181	4.5390	3.2563	2.5236	2.8416
Re-182	8.6978	6.2973	4.4634	5.4823
Re-182m	4.3430	3.1816	2.3114	2.8971
Re-183	2.6565	2.1863	1.3907	1.6302
Re-184	3.5032	2.4387	1.9719	2.1438
Re-184m	2.8324	2.1341	1.4664	1.7520
Re-186	0.2988	0.2222	0.1281	0.1572
Re-186m	0.4935	0.5443	0.2778	0.6012
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.4391	0.2835	0.1761	0.2074
Re-188m	1.4936	1.2840	0.6982	1.0039
Re-189	0.5033	0.3781	0.2551	0.3323
Re-190	5.6703	3.5961	3.1297	3.6411
Re-190m	4.4879	2.9469	2.4842	2.8338
Rh-100m	0.8555	0.8819	0.9748	1.3154
Rh-100	5.3266	3.3590	4.5140	4.1698
Rh-101	2.9631	2.2901	1.8589	2.7138
Rh-101m	2.1341	1.6797	1.7046	1.9699
Rh-102	1.5345	1.0393	1.2284	1.3486
Rh-102m	6.7486	4.1578	4.4429	4.8361
Rh-103m	0.0529	0.0627	0.0691	0.1092
Rh-104	0.0453	0.0274	0.0317	0.0309
Rh-104m	1.1052	1.0303	1.1625	1.1878
Rh-105	0.4759	0.3378	0.3143	0.3201
Rh-106	0.7027	0.4087	0.4814	0.4333
Rh-106m	7.5292	4.3910	4.6052	4.8262
Rh-107	1.8786	1.2782	1.1537	1.1450
Rh-108	1.2894	0.7374	0.7560	0.7657
Rh-109	1.9775	1.3604	1.1954	1.2713
Rh-94	4.7434	2.7630	2.7765	3.2744
Rh-95	3.1965	1.9487	2.1934	2.3165
Rh-95m	2.0135	1.2133	1.4967	1.3040
Rh-96	7.6866	4.5396	4.6258	5.0231

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.8155	1.1759	1.3909	1.4629
Rh-97	2.6248	1.6119	1.6734	1.8814
Rh-97m	4.0609	2.7389	3.3251	3.3090
Rh-98	2.3099	1.3605	1.3964	1.4662
Rh-99	3.1251	2.2768	2.3469	2.7338
Rh-99m	2.5634	1.8480	1.8429	2.2874
Rn-207	3.8547	2.6025	2.1687	2.4787
Rn-209	4.2969	2.8500	2.4327	2.7579
Rn-210	0.2914	0.2042	0.1695	0.1984
Rn-211	5.4766	3.5170	3.0215	3.6673
Rn-212	0.0010	0.0006	0.0005	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0025	0.0015	0.0015	0.0015
Rn-219	0.3900	0.2542	0.2045	0.1982
Rn-220	1.6851	1.5631	1.6805	1.4711
Rn-222	0.0016	0.0009	0.0012	0.0010
Rn-223	1.7030	1.1876	0.9617	1.2872
Ru-103	2.0477	1.1972	1.5310	1.2765
Ru-105	2.6439	1.6236	1.5979	1.6861
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	1.0729	0.6777	0.6271	0.7374
Ru-108	0.7334	0.4820	0.3040	0.3880
Ru-92	7.3981	5.2883	4.7837	5.2760
Ru-94	2.4111	1.6815	1.6993	2.1054
Ru-95	3.4823	2.3644	2.4183	2.8325
Ru-97	2.2836	1.8609	1.6072	2.2630
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.8546	1.1292	2.0062	1.0808
S-38	1.9478	1.1414	1.9612	1.1296
Sb-111	2.8971	1.7625	1.5411	1.5704
Sb-113	2.4756	1.5756	1.8225	1.6807
Sb-114	3.0396	1.8409	1.7071	2.4991
Sb-115	2.5519	1.6580	1.9711	1.8160
Sb-116	2.7334	1.7300	1.8086	2.3460
Sb-116m	7.6884	4.7780	4.4434	5.4782
Sb-117	2.2549	1.6064	1.1005	1.3489
Sb-118	0.2482	0.2128	0.1897	0.2597
Sb-118m	7.3645	4.9966	4.5232	5.2022

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.7701	0.7637	0.6782	0.9179
Sb-120	0.4152	0.3929	0.3481	0.4613
Sb-120m	7.6638	5.2812	4.4589	5.8205
Sb-122m	1.7624	1.5864	1.1417	1.2910
Sb-122	1.5704	0.9178	1.0312	0.9668
Sb-124	3.9454	2.2597	2.4689	2.3841
Sb-124m	1.5372	0.8997	0.9753	0.9423
Sb-124n	0.0095	0.0164	0.0033	0.0251
Sb-125	2.2389	1.5073	1.4181	1.5029
Sb-126	8.5536	4.9607	4.7312	5.1456
Sb-126m	5.1407	2.9537	2.7714	3.0595
Sb-127	2.4259	1.4444	1.4393	1.4365
Sb-128	9.3546	5.6328	5.5327	5.8849
Sb-128m	5.9420	3.6975	3.5228	3.8123
Sb-129	3.3267	1.9547	2.0635	2.0938
Sb-130m	6.8078	4.1129	3.9660	4.4382
Sb-130	9.6952	6.0268	5.6622	6.2809
Sb-131	4.1677	2.4646	2.7538	2.6685
Sb-133	4.3799	2.5837	3.0849	3.0566
Sc-42m	5.9481	3.3775	3.1177	4.2144
Sc-43	0.4361	0.2664	0.2256	0.2671
Sc-44	1.8910	1.1155	1.0361	1.5384
Sc-44m	1.8502	1.2353	1.0288	0.8215
Sc-46	3.9426	2.3230	2.3653	2.7346
Sc-47	1.2054	0.7132	0.3754	0.4259
Sc-48	6.0878	3.5880	3.6049	4.3482
Sc-49	0.0014	0.0008	0.0010	0.0008
Sc-50	6.0536	3.4604	3.6689	4.0273
Se-70	2.0755	1.5920	1.2820	1.6292
Se-71	1.8676	1.1002	0.8928	1.0270
Se-72	0.8888	0.8965	0.7680	0.9131
Se-73	2.9999	2.1748	1.5762	1.9226
Se-73m	0.3227	0.2487	0.1747	0.2619
Se-75	3.3473	2.2539	1.5723	1.7365
Se-77m	1.0225	0.6886	0.3622	0.5880
Se-79m	0.3151	0.3097	0.1616	0.4491
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0385	0.0249	0.0230	0.0207
Se-81m	0.3803	0.3352	0.1792	0.4679
Se-83m	2.0462	1.2204	1.3953	1.2858

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	6.6896	4.0799	4.3670	4.3679
Se-84	1.9898	1.1163	0.9781	1.1446
Si-31	0.0012	0.0007	0.0005	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	3.1354	2.0976	2.0442	1.8522
Sm-140	1.8651	1.3880	1.3269	1.1876
Sm-141	2.8043	1.7388	1.7442	1.7449
Sm-141m	5.5183	3.7224	3.5012	3.8539
Sm-142	0.8372	0.7442	0.7945	0.5474
Sm-143	0.5723	0.4855	0.5167	0.3764
Sm-143m	1.8526	1.1054	1.0743	1.1594
Sm-145	1.7554	1.5577	1.6039	1.1219
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0004	0.0006	0.0004	0.0010
Sm-153	1.3622	0.9990	0.9342	0.6918
Sm-155	1.6618	0.9762	0.7225	0.6567
Sm-156	1.4163	1.0672	0.7538	0.8975
Sm-157	2.4575	1.8175	1.4097	1.9116
Sn-106	4.3144	2.8707	2.6161	2.9211
Sn-108	4.1932	2.8104	2.3631	2.6924
Sn-109	4.0867	2.6410	2.9262	3.1290
Sn-110	2.5590	1.9381	1.7097	1.7443
Sn-111	0.7084	0.5913	0.6009	0.7313
Sn-113	0.6444	0.6299	0.5851	0.7823
Sn-113m	0.4456	0.4388	0.3857	0.5142
Sn-117m	2.1489	1.4940	0.9871	1.2045
Sn-119m	0.4939	0.4956	0.4373	0.6133
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1664	0.1651	0.1423	0.1739
Sn-123	0.0126	0.0074	0.0077	0.0090
Sn-123m	1.6134	1.0005	0.5654	0.6603
Sn-125m	1.9337	1.3231	1.2127	1.2845
Sn-125	0.6633	0.3939	0.4321	0.4428
Sn-126	1.2420	1.0059	0.7039	0.8002
Sn-127m	2.0402	1.1833	1.4671	1.2836
Sn-127	4.1416	2.4929	2.6869	2.7416
Sn-128	4.0713	3.0380	2.9072	2.9455
Sn-129	2.5925	1.5065	1.4631	1.6148

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	4.6299	3.3031	2.6314	3.2837
Sn-130m	2.8695	1.8816	1.6848	1.8186
Sr-79	1.6899	1.1875	1.0199	1.1477
Sr-80	1.6284	1.1371	1.0491	1.4705
Sr-81	2.6282	1.6132	1.2438	1.4515
Sr-82	0.2889	0.3461	0.2822	0.7209
Sr-83	1.8999	1.3544	1.2295	1.9201
Sr-85	2.2771	1.5079	1.7687	1.9647
Sr-85m	1.9506	1.3735	0.9883	1.1129
Sr-87m	1.6355	0.9734	0.8127	1.0484
Sr-89	0.0002	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.6509	0.9695	0.9954	1.0356
Sr-92	2.0091	1.1502	0.9858	1.5556
Sr-93	5.2952	3.1517	3.3686	3.4231
Sr-94	2.0964	1.1815	1.0489	1.5428
Ta-170	1.8571	1.3098	1.0286	1.1157
Ta-172	4.4808	3.1234	2.5712	3.0654
Ta-173	2.9644	2.3061	1.7540	1.8346
Ta-174	3.2465	2.4959	1.9484	2.3574
Ta-175	4.5861	3.3023	2.7461	2.7985
Ta-176	4.7972	3.2268	3.1257	3.2425
Ta-177	1.2905	1.0804	0.8052	0.7556
Ta-178	1.3488	1.1309	0.8382	0.8205
Ta-178m	9.1745	6.5647	5.2358	5.7077
Ta-179	0.5853	0.5271	0.3770	0.3945
Ta-180	1.0771	0.9195	0.6769	0.6422
Ta-182	3.8855	2.6804	1.9388	2.6803
Ta-182m	3.4333	2.6283	1.6421	2.1031
Ta-183	3.4698	2.6264	1.8055	1.9633
Ta-184	6.9566	4.4456	3.8102	4.0092
Ta-185	1.8237	1.4112	0.8561	1.1752
Ta-186	6.4849	4.2937	3.6765	4.3028
Tb-146	4.5580	2.6463	2.7140	2.8868
Tb-147m	2.7210	1.7380	1.8009	1.9179
Tb-147	4.6265	2.9280	2.9438	3.0697
Tb-148m	8.8926	5.3474	5.1906	5.3737
Tb-148	3.9170	2.4211	2.8085	2.4996
Tb-149m	3.6741	2.3643	2.3438	2.2550
Tb-149	4.2867	2.8055	2.7950	2.6223

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	9.0486	5.5319	5.6279	5.4143
Tb-150	4.5372	2.8648	3.4467	2.8452
Tb-151	5.5609	3.7401	3.5993	3.1020
Tb-151m	0.6567	0.5563	0.4997	0.5257
Tb-152m	4.8726	3.3919	3.2130	2.7422
Tb-152	3.9172	2.6347	2.8606	2.5047
Tb-153	3.0175	2.2907	2.1139	1.8634
Tb-154	4.4395	2.9340	3.7721	2.8893
Tb-155	2.9173	2.1899	1.9388	1.5281
Tb-156	6.5258	4.4123	4.3305	4.4735
Tb-156m	0.8834	0.7244	0.8439	0.4218
Tb-156n	0.1147	0.1191	0.0821	0.1199
Tb-157	0.1464	0.1472	0.1259	0.1364
Tb-158	3.0674	2.1740	2.1886	1.9046
Tb-160	3.1771	2.0701	1.9482	2.0973
Tb-161	0.8993	0.8117	0.7353	0.6615
Tb-162	4.3140	2.7981	2.4755	2.3167
Tb-163	3.8054	2.3396	2.3066	2.2765
Tb-164	7.0842	4.4457	4.2090	4.5032
Tb-165	1.5914	0.9653	0.9097	1.1836
Tc-101	2.0266	1.4037	1.2980	1.2750
Tc-102m	5.2498	3.0531	3.7762	3.3933
Tc-102	0.2386	0.1387	0.1644	0.1516
Tc-104	4.8844	2.9602	3.3856	3.1208
Tc-105	3.2925	2.0925	1.9057	1.9488
Tc-91	1.9338	1.1622	1.7628	1.3703
Tc-91m	1.3720	0.8053	0.9973	0.9044
Tc-92	7.5355	4.6063	4.0818	4.6076
Tc-93	2.3867	1.5357	1.4918	2.2996
Tc-93m	1.9028	1.2025	1.5429	1.4406
Tc-94	6.6147	4.0513	4.1811	4.6497
Tc-94m	2.4780	1.5179	1.7437	1.7499
Tc-95	2.3759	1.5918	1.6693	2.0856
Tc-95m	3.0458	2.2209	2.0690	2.7973
Tc-96	6.3478	3.9297	4.0026	4.6481
Tc-96m	0.3038	0.2913	0.3462	0.5074
Tc-97	0.3873	0.4204	0.5276	0.8011
Tc-97m	0.3100	0.3425	0.4241	0.6367
Tc-98	4.0069	2.3234	2.2241	2.4347
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.4098	0.8359	0.5093	0.5514
Te-113	2.2295	1.3413	1.5898	1.5763
Te-114	3.4981	2.4694	2.3738	2.5222
Te-115	3.2959	2.0496	1.9128	2.3982
Te-115m	3.8721	2.3731	2.5463	2.7299
Te-116	1.8142	1.4963	1.2300	1.4315
Te-117	2.8749	1.8748	2.0785	2.0326
Te-118	0.6591	0.6453	0.5679	0.6896
Te-119	2.7239	1.8378	1.7204	1.9222
Te-119m	4.5048	2.9689	2.4826	3.0241
Te-121	2.7254	1.8548	1.9520	1.9521
Te-121m	2.0711	1.6855	1.2638	1.7369
Te-123	0.0094	0.0153	0.0038	0.0229
Te-123m	1.9491	1.3333	0.8551	0.9689
Te-125m	1.1785	1.1486	1.0104	1.1094
Te-127	0.0252	0.0153	0.0135	0.0155
Te-127m	0.3665	0.3605	0.3095	0.3545
Te-129	0.3993	0.3043	0.2873	0.3132
Te-129m	0.3491	0.3093	0.2721	0.3085
Te-131	2.2134	1.3367	1.0584	1.0873
Te-131m	4.1617	2.6203	2.4242	2.7114
Te-132	2.6876	2.1177	1.7096	1.7508
Te-133	3.3466	2.1087	2.1534	2.1991
Te-133m	4.9396	3.0440	3.0604	3.0754
Te-134	4.1689	2.8278	2.4308	2.6838
Th-223	1.3201	0.9779	0.6515	0.9230
Th-224	0.2375	0.1697	0.1117	0.1687
Th-226	0.1412	0.1108	0.0830	0.1384
Th-227	1.4583	1.1860	0.9624	1.3059
Th-228	0.0842	0.0877	0.0693	0.1406
Th-229	1.7768	1.4733	1.0269	1.7119
Th-230	1.8983	1.8543	1.7333	1.8882
Th-231	0.7421	0.7722	0.6413	1.1986
Th-232	5.8432	5.4406	5.4696	5.4203
Th-233	0.3119	0.2529	0.1955	0.3009
Th-234	0.2332	0.1969	0.1378	0.2195
Th-235	0.2022	0.1203	0.1117	0.1236
Th-236	0.2878	0.1967	0.1559	0.2162
Ti-44	2.8397	2.4415	1.4222	1.4605
Ti-45	0.0094	0.0087	0.0046	0.0118

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.9625	1.3670	1.2875	1.3190
Ti-52	1.4916	0.9102	0.6306	0.7220
Tl-190	2.8112	1.7711	1.4778	1.7241
Tl-190m	7.4316	4.6207	4.0957	4.5853
Tl-194	2.9064	1.9443	1.5615	1.7906
Tl-194m	9.4200	5.9955	5.1686	5.7605
Tl-195	3.6977	2.6961	2.3080	2.5840
Tl-196	4.9471	3.2087	2.9997	3.1125
Tl-197	2.7048	2.0671	1.3954	1.7342
Tl-198	5.3435	3.4869	3.2074	3.4562
Tl-198m	6.0034	4.0238	3.3154	3.7262
Tl-199	2.5484	2.0438	1.3356	1.6480
Tl-200	4.7072	3.2112	2.4906	3.1876
Tl-201	1.7655	1.5447	0.8610	1.1995
Tl-202	3.0938	2.1768	1.7087	1.9370
Tl-204	0.0269	0.0246	0.0136	0.0194
Tl-206m	9.8600	6.3264	5.7214	5.8916
Tl-206	0.0014	0.0012	0.0008	0.0010
Tl-207	0.0054	0.0032	0.0034	0.0034
Tl-208	4.8537	3.0194	5.3128	3.4687
Tl-209	5.8792	3.3954	3.1070	3.2647
Tl-210	6.2375	3.9509	4.1644	4.2722
Tm-161	5.5501	4.0654	3.9944	3.0999
Tm-162	3.4268	2.2518	2.5026	2.1419
Tm-163	5.0007	3.4951	3.3143	2.9778
Tm-164	1.2789	0.9452	0.9781	0.7754
Tm-165	3.9119	2.8468	2.7060	2.1631
Tm-166	5.0461	3.4112	3.5634	3.2975
Tm-167	2.0627	1.7101	1.5278	1.4131
Tm-168	5.5698	3.8838	3.4694	3.7280
Tm-170	0.0885	0.0764	0.0549	0.0554
Tm-171	0.0143	0.0125	0.0105	0.0085
Tm-172	1.0121	0.6690	0.5651	0.6984
Tm-173	1.9751	1.1482	0.9668	1.1296
Tm-174	7.7955	5.1066	4.4750	4.5285
Tm-175	3.5054	2.1307	2.3352	2.1827
Tm-176	5.3901	3.5738	3.4350	3.6442
U-227	1.4942	1.0740	0.7963	0.9967
U-228	0.1152	0.1062	0.0886	0.1600
U-230	0.0896	0.0990	0.0872	0.1747

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.9700	1.6335	1.2635	2.1270
U-232	0.0753	0.0872	0.0791	0.1637
U-233	0.0394	0.0456	0.0398	0.0843
U-234	1.8325	1.8148	2.2625	1.7185
U-235	3.9974	3.6498	3.9254	3.7192
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0605	0.0710	0.0647	0.1352
U-237	2.3252	1.7821	1.3251	1.9033
U-238	1.5632	1.5892	1.8370	1.1641
U-239	0.9114	0.7996	0.5412	0.6134
U-240	0.2544	0.2618	0.2335	0.4369
U-242	0.3634	0.2752	0.2111	0.2246
V-47	0.0143	0.0094	0.0100	0.0099
V-48	4.1047	2.4194	2.4053	3.0514
V-49	0.0235	0.0404	0.0080	0.0618
V-50	2.2075	1.2418	1.1436	1.4117
V-52	2.0414	1.1449	0.9972	1.5136
V-53	2.0981	1.2411	1.3678	1.3545
W-177	5.7131	4.0626	3.0795	3.3631
W-178	0.3733	0.3562	0.2182	0.3004
W-179	1.3110	1.2008	0.8305	0.9174
W-179m	0.9677	0.8355	0.5326	0.6338
W-181	0.9108	0.8082	0.5493	0.5830
W-185m	0.4850	0.4824	0.2145	0.5133
W-185	0.0009	0.0007	0.0004	0.0005
W-187	2.0340	1.3363	1.1622	1.1940
W-188	0.0170	0.0128	0.0093	0.0102
W-190	2.4652	1.9289	1.0879	1.3268
Xe-120	2.9300	2.3254	1.9979	2.1678
Xe-121	2.6160	1.8104	1.9813	1.6966
Xe-122	1.0649	0.9410	0.8103	0.8451
Xe-123	2.3985	1.7327	1.3938	1.4757
Xe-125	2.8902	2.3258	1.8359	2.0838
Xe-127	2.9759	2.3873	1.7835	2.3813
Xe-127m	2.1741	1.5207	1.0682	1.1480
Xe-129m	1.4698	1.4066	1.2405	1.1931
Xe-131m	0.6045	0.5778	0.4981	0.4853
Xe-133	1.1379	1.0156	0.7617	0.6898
Xe-133m	0.7784	0.7038	0.5981	0.5804
Xe-135	2.0202	1.3332	1.0509	0.7285

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.7903	1.0966	1.3181	1.1309
Xe-137	0.7039	0.4051	0.4533	0.4274
Xe-138	2.5968	1.5968	1.8121	1.4064
Y-81	1.8412	1.2784	0.9061	1.1832
Y-83	1.3477	0.9838	1.0123	1.2384
Y-83m	1.7638	1.1645	1.0380	0.9870
Y-84m	6.5612	3.8571	4.0447	4.2824
Y-85	1.5721	0.9780	1.2003	1.1660
Y-85m	1.6317	1.0772	1.2011	1.2694
Y-86	6.6470	4.0266	4.4168	4.7348
Y-86m	1.7904	1.3943	0.9660	1.5401
Y-87	2.1678	1.4353	1.6797	1.8819
Y-87m	1.5762	0.9659	0.8308	1.0449
Y-88	4.4745	2.7753	3.4797	3.2458
Y-89m	2.0197	1.1909	1.2732	1.2664
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	3.6520	2.5168	2.2978	2.8467
Y-91	0.0047	0.0028	0.0023	0.0041
Y-91m	1.9657	1.1490	1.3397	1.2211
Y-92	0.5398	0.3144	0.3341	0.3491
Y-93	0.2748	0.1736	0.1759	0.1406
Y-94	1.5927	0.9377	1.0455	1.0194
Y-95	1.2525	0.7572	1.1736	0.8371
Yb-162	2.7369	1.9332	1.6083	1.3547
Yb-163	2.0645	1.5190	1.4421	1.2601
Yb-164	1.0499	0.8816	0.8790	0.5826
Yb-165	2.7726	2.3180	1.9925	1.6716
Yb-166	1.9884	1.6827	1.6024	1.0815
Yb-167	4.3790	3.2603	2.7751	2.2579
Yb-169	5.1152	4.0708	3.3875	3.0245
Yb-175	0.2743	0.1768	0.1422	0.1438
Yb-177	0.8698	0.5621	0.4223	0.4503
Yb-178	0.2094	0.1318	0.1117	0.1285
Yb-179	3.7303	2.2385	2.2288	2.2057
Zn-60	2.1643	1.3900	1.1984	1.2575
Zn-61	0.9418	0.5484	0.7095	0.6045
Zn-62	1.7094	1.1815	1.1781	1.1825
Zn-63	0.3492	0.2103	0.2127	0.2289
Zn-65	1.0579	0.7145	0.5989	0.9495
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.8866	1.0774	1.0969	1.1243
Zn-71	1.0669	0.6206	0.7245	0.6531
Zn-71m	5.9867	3.4693	3.5668	3.5692
Zn-72	1.7888	1.2191	0.6705	1.0134
Zr-85	1.7990	1.0488	1.0859	1.1408
Zr-86	2.9509	2.2947	2.0134	2.4560
Zr-87	0.1988	0.1483	0.1583	0.2445
Zr-88	2.2257	1.4443	1.2840	1.8401
Zr-89	2.3104	1.4937	1.6037	1.8607
Zr-89m	1.9868	1.1609	1.2394	1.2444
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.9364	1.1273	1.0841	1.2037
Zr-97	2.3051	1.3512	1.3259	1.4566

APPENDIX B

These are appendices to augment Finklea 2014 Room Radiation Dose Coefficients for External Exposure as utilized in http://epa-bprg.ornl.gov/ and http://epa-bdcc.ornl.gov/ ."

Table 16: Concrete Surface Contamination for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	**avg10**	**ctr10**	**mid10**	**cnr10**	**avg50**	**ctr50**	**mid50**	**cnr50**
Ac-223	0.5736	0.3283	0.4963	0.5824	0.4668	0.3230	0.5372	0.6103
Ac-224	3.6293	2.4250	3.2597	3.6789	3.5435	2.9185	3.8914	4.1364
Ac-225	0.8179	0.4810	0.7121	0.8289	0.6795	0.4834	0.7752	0.8707
Ac-226	1.5389	1.0390	1.3875	1.5599	1.5306	1.2745	1.6750	1.7673
Ac-227	0.2373	0.1242	0.2013	0.2412	0.1737	0.1050	0.2062	0.2436
Ac-228	2.3000	1.5069	2.0614	2.3241	2.3033	1.9077	2.5209	2.6435
Ac-230	1.0494	0.6742	0.9358	1.0597	1.0337	0.8440	1.1348	1.1951
Ac-231	2.9117	2.0387	2.6506	2.9494	3.0568	2.6385	3.3088	3.4368
Ac-232	1.5615	1.0118	1.3962	1.5755	1.5799	1.3089	1.7260	1.7990
Ac-233	1.1072	0.7572	1.0048	1.1205	1.2028	1.0438	1.2983	1.3321
Ag-100m	1.7328	1.2449	1.5964	1.7455	2.0753	1.8946	2.1976	2.1684
Ag-101	1.7224	1.2488	1.5863	1.7393	1.9875	1.8029	2.1113	2.1157
Ag-102m	1.2214	0.8595	1.1174	1.2299	1.4232	1.2818	1.5123	1.5044
Ag-102	2.7554	1.9752	2.5355	2.7760	3.2633	2.9707	3.4584	3.4250
Ag-103	2.3094	1.6660	2.1207	2.3305	2.5857	2.3271	2.7576	2.7844
Ag-104	3.7632	2.6754	3.4527	3.7909	4.3644	3.9435	4.6363	4.6194
Ag-104m	1.5651	1.1134	1.4351	1.5764	1.8081	1.6320	1.9197	1.9167
Ag-105	2.5902	1.8381	2.3683	2.6108	2.8749	2.5642	3.0665	3.1110
Ag-105m	0.0902	0.0440	0.0754	0.0921	0.0622	0.0337	0.0757	0.0923
Ag-106	0.6124	0.4215	0.5552	0.6160	0.6607	0.5798	0.7063	0.7193
Ag-106m	4.5995	3.2865	4.2242	4.6365	5.3299	4.8227	5.6608	5.6505
Ag-108	0.0518	0.0362	0.0472	0.0522	0.0575	0.0510	0.0613	0.0620
Ag-108m	3.6116	2.5819	3.3153	3.6416	4.1455	3.7369	4.4067	4.4173
Ag-109m	0.6015	0.3995	0.5396	0.6048	0.6157	0.5241	0.6629	0.6887
Ag-110	0.0455	0.0329	0.0419	0.0458	0.0539	0.0491	0.0571	0.0567
Ag-110m	2.9691	2.1418	2.7394	2.9924	3.5672	3.2650	3.7774	3.7248
Ag-111	0.0868	0.0649	0.0806	0.0878	0.1019	0.0934	0.1082	0.1087
Ag-111m	0.3606	0.2306	0.3205	0.3632	0.3537	0.2911	0.3852	0.4071
Ag-112	0.6782	0.4903	0.6256	0.6833	0.8144	0.7452	0.8615	0.8507
Ag-113m	0.7226	0.5164	0.6627	0.7306	0.8082	0.7202	0.8662	0.8815
Ag-113	0.1911	0.1423	0.1773	0.1932	0.2244	0.2057	0.2385	0.2390
Ag-114	0.2853	0.2073	0.2634	0.2877	0.3416	0.3129	0.3615	0.3575

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ag-115	0.6864	0.5069	0.6358	0.6942	0.8102	0.7425	0.8591	0.8557
Ag-116	1.6837	1.2147	1.5520	1.6966	2.0203	1.8491	2.1373	2.1088
Ag-117	1.3899	1.0217	1.2858	1.4032	1.6403	1.5022	1.7419	1.7312
Ag-99	1.9471	1.4187	1.7980	1.9665	2.2905	2.0902	2.4304	2.4199
Al-26	0.9186	0.6497	0.8432	0.9237	1.1145	1.0164	1.1797	1.1549
Al-28	0.8921	0.6318	0.8193	0.8969	1.0844	0.9899	1.1475	1.1225
Al-29	0.9278	0.6595	0.8519	0.9334	1.1245	1.0346	1.1872	1.1653
Am-237	3.8160	2.5538	3.4304	3.8617	3.7768	3.1387	4.1327	4.3696
Am-238	3.5506	2.3649	3.1906	3.5883	3.5634	2.9775	3.8885	4.0803
Am-239	5.0817	3.3117	4.5347	5.1438	4.8289	3.8992	5.3276	5.7107
Am-240	4.1245	2.6875	3.6862	4.1675	4.0451	3.3208	4.4370	4.6864
Am-241	1.1280	0.8591	1.0511	1.1439	1.3202	1.2255	1.3824	1.3905
Am-242	0.9738	0.6013	0.8576	0.9845	0.8707	0.6680	0.9732	1.0610
Am-242m	0.7976	0.4621	0.6921	0.8069	0.6636	0.4735	0.7560	0.8451
Am-243	1.4482	0.9950	1.3083	1.4658	1.4728	1.2530	1.5984	1.6730
Am-244	3.9218	2.4985	3.4869	3.9622	3.7690	3.0391	4.1562	4.4138
Am-244m	0.3924	0.2356	0.3434	0.3965	0.3433	0.2575	0.3859	0.4231
Am-245	0.5018	0.3340	0.4504	0.5080	0.4925	0.4077	0.5401	0.5721
Am-246	5.5216	3.5458	4.9168	5.5824	5.3023	4.2859	5.8454	6.2160
Am-246m	1.7792	1.1825	1.6017	1.7955	1.8683	1.5931	2.0256	2.0862
Am-247	1.7102	1.1590	1.5423	1.7308	1.7163	1.4439	1.8738	1.9709
Ar-37	0.1066	0.0502	0.0885	0.1089	0.0701	0.0350	0.0867	0.1076
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.9125	0.6488	0.8381	0.9181	1.1056	1.0175	1.1673	1.1461
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.1135	0.7971	1.0250	1.1213	1.3447	1.2323	1.4226	1.3981
Ar-44	1.8309	1.3466	1.6956	1.8498	2.1828	2.0013	2.3138	2.2899
As-68	2.1972	1.5699	2.0216	2.2132	2.6388	2.4117	2.7947	2.7531
As-69	0.5324	0.3474	0.4763	0.5409	0.5297	0.4356	0.5835	0.6191
As-70	3.0225	2.1266	2.7682	3.0475	3.5455	3.2017	3.7725	3.7499
As-71	2.6445	1.5948	2.3196	2.6934	2.3523	1.7630	2.6649	2.9480
As-72	1.1383	0.7588	1.0276	1.1508	1.2345	1.0616	1.3372	1.3679
As-73	3.9392	1.9010	3.2857	4.0240	2.6642	1.3998	3.2620	4.0067
As-74	1.3466	0.8160	1.1841	1.3668	1.2613	0.9770	1.4104	1.5292
As-76	0.5688	0.4143	0.5256	0.5738	0.6795	0.6224	0.7191	0.7124
As-77	0.0349	0.0257	0.0323	0.0354	0.0395	0.0356	0.0422	0.0428
As-78	1.2720	0.9182	1.1730	1.2818	1.5279	1.3990	1.6167	1.5957
As-79	0.0590	0.0434	0.0546	0.0596	0.0701	0.0643	0.0744	0.0741
At-204	5.0716	3.5192	4.6151	5.1304	5.5125	4.8066	5.9388	6.0842
At-205	3.2508	2.1644	2.9208	3.2917	3.2811	2.7362	3.5852	3.7650

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-206	5.2424	3.6511	4.7747	5.3039	5.7163	4.9982	6.1540	6.2969
At-207	4.6275	3.1195	4.1744	4.6825	4.8051	4.0755	5.2223	5.4277
At-208	6.6118	4.5329	5.9951	6.6887	7.0535	6.0814	7.6263	7.8507
At-209	6.4496	4.3668	5.8258	6.5285	6.7098	5.7015	7.2897	7.5712
At-210	5.5339	3.7228	4.9909	5.5997	5.7648	4.9006	6.2600	6.4977
At-211	1.1179	0.7058	0.9886	1.1342	1.0157	0.7874	1.1339	1.2373
At-215	0.0006	0.0004	0.0005	0.0006	0.0006	0.0006	0.0007	0.0007
At-216	0.0507	0.0331	0.0452	0.0514	0.0481	0.0387	0.0532	0.0573
At-217	0.0016	0.0011	0.0014	0.0016	0.0016	0.0014	0.0017	0.0018
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.8002	1.3033	1.6561	1.8251	2.0046	1.7877	2.1478	2.1897
Au-186	3.2662	2.2404	2.9598	3.3126	3.4391	2.9505	3.7313	3.8823
Au-187	3.4360	2.1599	3.0424	3.4874	3.2608	2.5862	3.6207	3.9127
Au-190	3.8172	2.5906	3.4496	3.8651	4.0300	3.4498	4.3721	4.5439
Au-191	4.0923	2.6397	3.6461	4.1553	3.9594	3.2003	4.3752	4.7021
Au-192	3.6674	2.4655	3.3057	3.7137	3.8244	3.2470	4.1606	4.3439
Au-193	3.0405	1.9193	2.6915	3.0901	2.8261	2.2205	3.1489	3.4378
Au-193m	2.2368	1.3750	1.9696	2.2750	2.0186	1.5395	2.2695	2.4986
Au-194	3.1881	2.1148	2.8624	3.2316	3.2352	2.7024	3.5391	3.7363
Au-195	3.2136	1.9083	2.8021	3.2684	2.7655	2.0239	3.1413	3.5274
Au-195m	2.2617	1.3914	1.9919	2.2999	2.0425	1.5587	2.2958	2.5267
Au-196	3.0058	2.0056	2.7018	3.0495	3.0356	2.5341	3.3237	3.5223
Au-196m	5.4639	3.3057	4.7898	5.5571	4.7974	3.5770	5.4306	6.0334
Au-198	1.0057	0.7363	0.9295	1.0189	1.1692	1.0621	1.2446	1.2534
Au-198m	6.2644	4.1636	5.6206	6.3665	6.1734	5.0853	6.7854	7.2410
Au-199	1.3023	0.8674	1.1702	1.3232	1.2798	1.0515	1.4100	1.5008
Au-200	0.3717	0.2681	0.3422	0.3755	0.4346	0.3950	0.4622	0.4627
Au-200m	5.4144	3.8744	4.9697	5.4839	6.0659	5.4001	6.5025	6.6096
Au-201	0.2386	0.1403	0.2080	0.2425	0.2074	0.1519	0.2357	0.2626
Au-202	0.2301	0.1661	0.2120	0.2325	0.2710	0.2469	0.2878	0.2869
Ba-124	1.8921	1.3094	1.7185	1.9070	2.0649	1.8242	2.2068	2.2445
Ba-126	2.1848	1.5247	1.9898	2.2024	2.4217	2.1554	2.5825	2.6145
Ba-127	1.1300	0.7786	1.0244	1.1385	1.2202	1.0739	1.3055	1.3318
Ba-128	1.2707	0.8514	1.1435	1.2780	1.3425	1.1656	1.4386	1.4754
Ba-129	1.3172	0.8901	1.1881	1.3267	1.3973	1.2157	1.4995	1.5377
Ba-129m	3.9459	2.7593	3.5987	3.9841	4.3899	3.8980	4.6949	4.7564
Ba-131	2.7996	1.9696	2.5539	2.8236	3.0930	2.7576	3.3024	3.3485
Ba-131m	1.5688	1.0755	1.4180	1.5855	1.6367	1.4147	1.7670	1.8345
Ba-133	3.2496	2.2694	2.9562	3.2767	3.5532	3.1476	3.7970	3.8682

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ba-133m	1.3142	0.8240	1.1628	1.3278	1.2685	1.0279	1.3941	1.4828
Ba-135m	0.9865	0.6585	0.8868	0.9936	1.0347	0.8935	1.1127	1.1448
Ba-137m	0.9272	0.6663	0.8534	0.9345	1.0928	0.9930	1.1585	1.1511
Ba-139	0.3651	0.2725	0.3387	0.3700	0.4162	0.3783	0.4438	0.4464
Ba-140	1.0396	0.6469	0.9193	1.0536	0.9893	0.7856	1.0972	1.1797
Ba-141	2.0554	1.5204	1.9040	2.0792	2.4065	2.2011	2.5553	2.5555
Ba-142	1.8642	1.3448	1.7151	1.8826	2.1642	1.9677	2.2989	2.2971
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0979	0.0722	0.0907	0.0989	0.1164	0.1068	0.1233	0.1227
Bi-197	3.6552	2.3991	3.2741	3.7013	3.6842	3.0582	4.0319	4.2396
Bi-200	6.2431	4.3093	5.6696	6.3232	6.6897	5.7981	7.2269	7.4534
Bi-201	3.6589	2.4165	3.2829	3.7042	3.7218	3.1088	4.0646	4.2589
Bi-202	5.6398	3.8782	5.1188	5.7066	6.0827	5.2784	6.5655	6.7459
Bi-203	4.2390	2.8297	3.8157	4.2895	4.4010	3.7211	4.7884	4.9789
Bi-204	5.8276	3.9700	5.2761	5.8965	6.2203	5.3601	6.7305	6.9369
Bi-205	3.4856	2.2811	3.1201	3.5290	3.5098	2.9065	3.8427	4.0418
Bi-206	6.6884	4.5684	6.0604	6.7673	7.1510	6.1658	7.7352	7.9649
Bi-207	3.7378	2.4938	3.3631	3.7833	3.8597	3.2576	4.2007	4.3810
Bi-208	2.4044	1.5244	2.1342	2.4327	2.3624	1.9099	2.6009	2.7549
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2388	0.8839	1.1345	1.2562	1.3527	1.1918	1.4565	1.4982
Bi-211	0.1953	0.1380	0.1784	0.1979	0.2127	0.1866	0.2293	0.2363
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.4025	0.2312	0.3492	0.4086	0.3429	0.2451	0.3915	0.4377
Bi-213	0.3697	0.2627	0.3386	0.3744	0.4104	0.3636	0.4402	0.4490
Bi-214	1.2628	0.9035	1.1616	1.2723	1.5068	1.3736	1.5965	1.5778
Bi-215	0.9942	0.6926	0.9042	1.0070	1.0560	0.9139	1.1425	1.1824
Bi-216	1.4833	1.0768	1.3682	1.4994	1.7266	1.5654	1.8358	1.8395
Bk-245	3.9168	2.6311	3.5231	3.9639	3.8751	3.2320	4.2413	4.4801
Bk-246	3.9816	2.5910	3.5576	4.0241	3.9002	3.1999	4.2833	4.5253
Bk-247	1.6386	1.1642	1.4950	1.6595	1.7345	1.5149	1.8701	1.9338
Bk-248m	0.9987	0.6438	0.8891	1.0097	0.9473	0.7637	1.0458	1.1182
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4431	0.9660	1.3022	1.4554	1.5494	1.3391	1.6723	1.7082
Bk-251	2.2361	1.4594	1.9971	2.2625	2.1430	1.7458	2.3646	2.5194
Br-72	1.9327	1.3563	1.7687	1.9496	2.2400	2.0110	2.3888	2.3846
Br-73	1.4195	0.9911	1.2926	1.4367	1.5342	1.3401	1.6536	1.7054
Br-74	2.1851	1.5324	1.9972	2.2028	2.5319	2.2683	2.6959	2.6919
Br-74m	2.6666	1.8772	2.4413	2.6883	3.1015	2.7855	3.3018	3.2941
Br-75	1.8291	1.2595	1.6603	1.8543	1.9257	1.6515	2.0922	2.1771

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-76	2.4750	1.6266	2.2227	2.5012	2.5956	2.1897	2.8219	2.9216
Br-76m	2.8521	1.6772	2.4821	2.8900	2.3834	1.6977	2.7059	3.0432
Br-77	2.5008	1.4689	2.1794	2.5404	2.1383	1.5436	2.4351	2.7243
Br-77m	1.4131	0.8089	1.2223	1.4329	1.1198	0.7538	1.2923	1.4808
Br-78	0.2572	0.1599	0.2276	0.2606	0.2446	0.1926	0.2716	0.2919
Br-80	0.1813	0.1099	0.1594	0.1838	0.1660	0.1267	0.1860	0.2026
Br-80m	2.7604	1.5799	2.3880	2.7943	2.2283	1.5310	2.5547	2.8975
Br-82m	1.3010	0.7100	1.1136	1.3194	0.9695	0.6030	1.1377	1.3317
Br-82	3.0296	2.1930	2.7971	3.0546	3.6336	3.3268	3.8479	3.7991
Br-83	0.0124	0.0090	0.0115	0.0126	0.0146	0.0133	0.0155	0.0155
Br-84m	2.8090	2.0334	2.5937	2.8340	3.3709	3.0895	3.5709	3.5290
Br-84	1.0047	0.7175	0.9243	1.0113	1.2150	1.1116	1.2856	1.2616
Br-85	0.0670	0.0483	0.0618	0.0675	0.0805	0.0737	0.0853	0.0840
C-10	0.9060	0.6568	0.8371	0.9135	1.0872	0.9942	1.1519	1.1370
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1903	0.0897	0.1580	0.1945	0.1252	0.0624	0.1549	0.1922
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.8061	0.5753	0.7411	0.8114	0.9747	0.8964	1.0298	1.0122
Ca-49	0.8629	0.6075	0.7903	0.8661	1.0523	0.9603	1.1099	1.0829
Cd-101	2.4373	1.7526	2.2379	2.4559	2.8023	2.5367	2.9711	2.9774
Cd-102	2.2935	1.6242	2.0975	2.3108	2.5702	2.3007	2.7349	2.7627
Cd-103	2.1700	1.5095	1.9768	2.1819	2.4502	2.1875	2.6058	2.6158
Cd-104	2.3151	1.6255	2.1074	2.3305	2.5196	2.2320	2.6844	2.7332
Cd-105	1.5792	1.0956	1.4370	1.5877	1.7675	1.5727	1.8811	1.8947
Cd-107	1.7347	1.1618	1.5600	1.7423	1.7997	1.5471	1.9296	1.9928
Cd-109	1.6314	1.0892	1.4660	1.6387	1.6868	1.4466	1.8101	1.8715
Cd-111m	1.9888	1.4548	1.8344	2.0126	2.2415	2.0236	2.3869	2.4169
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0011	0.0007	0.0010	0.0011	0.0011	0.0010	0.0012	0.0012
Cd-115	0.4138	0.3013	0.3820	0.4177	0.4851	0.4423	0.5139	0.5128
Cd-115m	0.0314	0.0225	0.0289	0.0316	0.0378	0.0347	0.0400	0.0394
Cd-117	1.3774	1.0042	1.2722	1.3903	1.6312	1.4934	1.7288	1.7195
Cd-117m	1.4934	1.0705	1.3745	1.5039	1.8010	1.6500	1.9052	1.8742
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.6237	1.1834	1.4999	1.6379	1.9331	1.7707	2.0497	2.0327
Cd-119m	1.7866	1.2821	1.6447	1.7996	2.1482	1.9678	2.2728	2.2392
Ce-130	2.8000	1.9642	2.5509	2.8256	3.0670	2.7242	3.2846	3.3385
Ce-131	2.8863	2.0053	2.6270	2.9151	3.1777	2.8045	3.4076	3.4672
Ce-132	2.5922	1.8449	2.3713	2.6201	2.8580	2.5468	3.0555	3.1030

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-133	2.5864	1.7893	2.3434	2.6071	2.7786	2.4447	2.9717	3.0404
Ce-133m	3.9231	2.7629	3.5827	3.9560	4.4209	3.9608	4.7108	4.7472
Ce-134	1.1251	0.7366	1.0056	1.1319	1.1595	0.9908	1.2496	1.2902
Ce-135	2.9281	2.0615	2.6734	2.9547	3.2699	2.9174	3.4905	3.5310
Ce-137	1.4564	0.9003	1.2834	1.4700	1.3928	1.1218	1.5316	1.6309
Ce-137m	0.9848	0.6524	0.8830	0.9928	1.0203	0.8737	1.1013	1.1389
Ce-139	2.2102	1.5507	2.0140	2.2328	2.3954	2.1133	2.5695	2.6204
Ce-141	0.8454	0.6239	0.7811	0.8558	0.9504	0.8610	1.0168	1.0265
Ce-143	1.6872	1.1803	1.5356	1.7029	1.8536	1.6429	1.9822	2.0200
Ce-144	0.2854	0.2048	0.2613	0.2885	0.3131	0.2802	0.3359	0.3416
Ce-145	2.5476	1.7705	2.3170	2.5689	2.8245	2.5065	3.0179	3.0582
Cf-244	0.2750	0.1626	0.2397	0.2778	0.2352	0.1728	0.2657	0.2935
Cf-246	0.1884	0.1115	0.1643	0.1904	0.1613	0.1187	0.1822	0.2012
Cf-247	3.5138	2.2125	3.1096	3.5547	3.2304	2.5401	3.5950	3.8866
Cf-248	0.2251	0.1333	0.1964	0.2275	0.1930	0.1421	0.2179	0.2406
Cf-249	1.5713	1.0739	1.4230	1.5900	1.6426	1.4070	1.7820	1.8516
Cf-250	0.1824	0.1094	0.1596	0.1843	0.1597	0.1198	0.1795	0.1967
Cf-251	2.4435	1.6134	2.1887	2.4730	2.3723	1.9482	2.6076	2.7699
Cf-252	0.6533	0.4537	0.5949	0.6595	0.7200	0.6335	0.7729	0.7850
Cf-253	0.6000	0.3508	0.5218	0.6067	0.5123	0.3752	0.5798	0.6423
Cf-254	17.7228	12.9537	16.3802	17.8859	21.0829	19.3254	22.3294	22.1396
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.1227	0.8252	1.0386	1.1332	1.3362	1.2263	1.4181	1.4017
Cl-36	0.0015	0.0007	0.0013	0.0015	0.0010	0.0005	0.0012	0.0015
Cl-38	0.6591	0.4664	0.6048	0.6625	0.8017	0.7318	0.8479	0.8290
Cl-39	1.3947	1.0147	1.2883	1.4080	1.6702	1.5351	1.7673	1.7485
Cl-40	1.7425	1.2362	1.6000	1.7518	2.1155	1.9348	2.2350	2.1887
Cm-238	1.9896	1.3251	1.7848	2.0128	1.9351	1.5957	2.1230	2.2555
Cm-239	3.6368	2.5124	3.2967	3.6833	3.7155	3.1662	4.0402	4.2230
Cm-240	0.3194	0.1880	0.2782	0.3227	0.2689	0.1948	0.3049	0.3385
Cm-241	4.6955	3.0468	4.1895	4.7510	4.5109	3.6579	4.9721	5.3028
Cm-242	0.2868	0.1688	0.2498	0.2898	0.2414	0.1749	0.2737	0.3039
Cm-243	2.6014	1.6627	2.3107	2.6347	2.4256	1.9244	2.6908	2.9051
Cm-244	0.2463	0.1450	0.2145	0.2489	0.2073	0.1501	0.2350	0.2610
Cm-245	2.6947	1.7661	2.4079	2.7267	2.5696	2.0834	2.8314	3.0287
Cm-246	0.2001	0.1183	0.1745	0.2022	0.1698	0.1238	0.1921	0.2128
Cm-247	0.8680	0.6381	0.8029	0.8793	1.0063	0.9148	1.0712	1.0795
Cm-248	1.5658	1.1183	1.4374	1.5804	1.7986	1.6188	1.9165	1.9211
Cm-249	0.3640	0.1827	0.3062	0.3715	0.2609	0.1504	0.3141	0.3771

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cm-250	14.0159	10.2384	12.9518	14.1451	16.6602	15.2649	17.6475	17.5023
Cm-251	0.4460	0.3037	0.4034	0.4509	0.4650	0.3980	0.5044	0.5230
Co-54m	2.7783	2.0052	2.5619	2.8023	3.3367	3.0633	3.5315	3.4903
Co-55	1.3978	0.9614	1.2722	1.4116	1.5816	1.4005	1.6958	1.7091
Co-56	2.9163	1.9339	2.6280	2.9453	3.1885	2.7537	3.4453	3.5115
Co-57	2.7820	1.7020	2.4453	2.8299	2.4686	1.8712	2.7979	3.0915
Co-58	1.5563	0.9616	1.3772	1.5781	1.5202	1.2135	1.6874	1.7956
Co-58m	0.7625	0.3595	0.6331	0.7793	0.5019	0.2505	0.6207	0.7702
Co-60	1.8536	1.3194	1.7032	1.8654	2.2441	2.0642	2.3705	2.3279
Co-60m	0.8621	0.4132	0.7181	0.8809	0.5797	0.3012	0.7117	0.8764
Co-61	1.0846	0.7918	0.9963	1.0987	1.2026	1.0794	1.2827	1.3195
Co-62	1.0736	0.7642	0.9862	1.0804	1.3001	1.1947	1.3735	1.3481
Co-62m	1.9087	1.3593	1.7538	1.9210	2.3107	2.1234	2.4417	2.3970
Cr-48	2.6726	1.9161	2.4477	2.7096	2.8986	2.5574	3.1285	3.2292
Cr-49	1.2250	0.9289	1.1377	1.2420	1.3958	1.2762	1.4832	1.5032
Cr-51	0.5347	0.2807	0.4541	0.5453	0.4052	0.2529	0.4803	0.5655
Cr-55	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Cr-56	2.0384	1.4161	1.8475	2.0616	2.1428	1.8599	2.3055	2.3916
Cs-121	0.9188	0.6710	0.8476	0.9286	1.0516	0.9540	1.1184	1.1239
Cs-121m	1.7195	1.2526	1.5849	1.7390	1.9602	1.7741	2.0855	2.1002
Cs-123	1.4802	1.0529	1.3537	1.4916	1.6590	1.4894	1.7625	1.7818
Cs-124	0.4533	0.3273	0.4172	0.4574	0.5248	0.4760	0.5578	0.5594
Cs-125	1.2959	0.9035	1.1799	1.3044	1.4392	1.2822	1.5321	1.5497
Cs-126	0.7830	0.5619	0.7195	0.7904	0.9007	0.8148	0.9573	0.9619
Cs-127	2.0726	1.4528	1.8898	2.0885	2.3001	2.0515	2.4510	2.4840
Cs-128	0.6574	0.4591	0.5992	0.6622	0.7341	0.6550	0.7814	0.7898
Cs-129	2.1598	1.4849	1.9583	2.1732	2.3536	2.0781	2.5101	2.5551
Cs-130m	2.0380	1.3666	1.8321	2.0560	2.1137	1.8149	2.2785	2.3599
Cs-130	0.6527	0.4364	0.5872	0.6553	0.6933	0.6035	0.7406	0.7575
Cs-131	1.0696	0.7086	0.9597	1.0736	1.1213	0.9697	1.1995	1.2317
Cs-132	2.0028	1.3880	1.8223	2.0145	2.2414	1.9953	2.3845	2.4032
Cs-134	2.0406	1.4816	1.8856	2.0580	2.4439	2.2356	2.5889	2.5585
Cs-134m	0.9955	0.6029	0.8732	1.0080	0.9093	0.7051	1.0157	1.1048
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.8242	1.3133	1.6834	1.8391	2.1863	1.9968	2.3194	2.2853
Cs-136	2.9474	2.1403	2.7205	2.9745	3.4915	3.1934	3.7043	3.6756
Cs-137	1.1254	0.8176	1.0397	1.1362	1.3490	1.2396	1.4330	1.3940
Cs-138m	1.2809	0.8793	1.1615	1.2918	1.3943	1.2253	1.4936	1.5219
Cs-138	1.8385	1.3210	1.6936	1.8524	2.2114	2.0264	2.3401	2.3060
Cs-139	0.1855	0.1322	0.1705	0.1866	0.2244	0.2057	0.2371	0.2329

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cs-140	1.2313	0.8845	1.1339	1.2399	1.4840	1.3579	1.5693	1.5450
Cu-57	0.0966	0.0687	0.0888	0.0973	0.1160	0.1063	0.1228	0.1210
Cu-59	0.4845	0.3464	0.4455	0.4888	0.5709	0.5188	0.6068	0.6039
Cu-60	1.8953	1.3296	1.7349	1.9084	2.2504	2.0398	2.3892	2.3612
Cu-61	0.7771	0.4651	0.6806	0.7900	0.7049	0.5342	0.7946	0.8738
Cu-62	0.0284	0.0147	0.0241	0.0290	0.0217	0.0136	0.0257	0.0301
Cu-64	0.4607	0.2182	0.3829	0.4708	0.3055	0.1545	0.3770	0.4664
Cu-66	0.0909	0.0650	0.0836	0.0915	0.1097	0.1008	0.1160	0.1140
Cu-67	1.0818	0.7690	0.9884	1.0994	1.1529	1.0050	1.2463	1.2921
Cu-69	0.5430	0.3909	0.5007	0.5473	0.6533	0.5991	0.6916	0.6813
Dy-148	2.1649	1.4759	1.9580	2.1900	2.3353	2.0273	2.5097	2.5854
Dy-149	3.3906	2.3234	3.0705	3.4300	3.6780	3.2085	3.9495	4.0574
Dy-150	1.4401	0.9908	1.3052	1.4598	1.5461	1.3439	1.6641	1.7231
Dy-151	3.2651	2.1950	2.9442	3.3062	3.4663	2.9752	3.7465	3.8807
Dy-152	2.3009	1.5989	2.0897	2.3347	2.4601	2.1415	2.6484	2.7454
Dy-153	4.3687	2.9733	3.9443	4.4270	4.6084	3.9688	4.9708	5.1685
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8484	1.9730	2.5855	2.8874	3.0666	2.6754	3.2967	3.4024
Dy-157	2.3607	1.6282	2.1396	2.3908	2.5220	2.1890	2.7182	2.8194
Dy-159	1.5727	1.0155	1.3988	1.5949	1.5546	1.2813	1.6953	1.8071
Dy-165m	0.6045	0.3298	0.5173	0.6162	0.4798	0.3190	0.5584	0.6465
Dy-165	0.2403	0.1628	0.2165	0.2438	0.2488	0.2119	0.2690	0.2828
Dy-166	1.3105	0.8245	1.1582	1.3323	1.2393	0.9853	1.3691	1.4874
Dy-167	1.7777	1.2623	1.6267	1.8011	1.9761	1.7528	2.1171	2.1638
Dy-168	1.8689	1.2917	1.6965	1.8961	1.9986	1.7327	2.1559	2.2335
Er-154	2.0380	1.2733	1.7995	2.0661	1.9383	1.5480	2.1315	2.3058
Er-156	2.8705	1.6901	2.4985	2.9178	2.5291	1.8846	2.8478	3.1673
Er-159	2.7027	1.8358	2.4421	2.7389	2.8788	2.4795	3.1042	3.2200
Er-161	2.9455	1.9679	2.6504	2.9860	3.0848	2.6255	3.3406	3.4842
Er-163	1.3538	0.8667	1.2016	1.3755	1.3175	1.0709	1.4419	1.5527
Er-165	1.3197	0.8417	1.1703	1.3410	1.2783	1.0351	1.4008	1.5111
Er-167m	1.0147	0.6762	0.9115	1.0325	1.0198	0.8493	1.1152	1.1841
Er-169	0.0220	0.0104	0.0182	0.0225	0.0145	0.0072	0.0179	0.0222
Er-171	2.3964	1.6735	2.1796	2.4311	2.5578	2.2226	2.7636	2.8749
Er-172	2.1937	1.4906	1.9821	2.2259	2.3178	1.9876	2.5038	2.6147
Er-173	3.5714	2.5173	3.2582	3.6251	3.8706	3.3955	4.1665	4.2955
Es-249	3.1765	2.1499	2.8657	3.2130	3.2252	2.7305	3.5165	3.6785
Es-250	10.3632	6.7117	9.2444	10.4761	10.0255	8.1787	11.0376	11.7155
Es-250m	2.8683	1.9168	2.5793	2.8990	2.8864	2.4270	3.1516	3.2998
Es-251	3.0355	1.9418	2.6973	3.0708	2.8408	2.2705	3.1500	3.3822

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Es-253	0.0745	0.0436	0.0648	0.0753	0.0631	0.0459	0.0716	0.0795
Es-254	2.7782	1.5809	2.4009	2.8135	2.2743	1.5919	2.6063	2.9374
Es-254m	1.5074	0.9894	1.3517	1.5213	1.5396	1.2916	1.6757	1.7447
Es-255	0.0007	0.0005	0.0007	0.0007	0.0009	0.0008	0.0009	0.0009
Es-256	0.3485	0.2091	0.3050	0.3519	0.3086	0.2342	0.3455	0.3773
Eu-142	0.2702	0.1881	0.2464	0.2723	0.3092	0.2763	0.3298	0.3301
Eu-142m	3.5437	2.4687	3.2352	3.5780	4.0407	3.5997	4.3217	4.3444
Eu-143	0.5855	0.3986	0.5294	0.5906	0.6406	0.5619	0.6871	0.6992
Eu-144	0.2588	0.1753	0.2339	0.2610	0.2839	0.2485	0.3046	0.3094
Eu-145	2.2702	1.5551	2.0577	2.2905	2.5064	2.2065	2.6864	2.7253
Eu-146	3.6202	2.5395	3.3066	3.6514	4.1353	3.7004	4.4090	4.4253
Eu-147	2.5150	1.7367	2.2796	2.5425	2.7051	2.3682	2.9096	2.9852
Eu-148	4.1989	2.9702	3.8427	4.2379	4.8010	4.3081	5.1149	5.1409
Eu-149	1.5318	0.9668	1.3554	1.5501	1.4821	1.2030	1.6297	1.7379
Eu-150	4.0249	2.8668	3.6877	4.0664	4.5663	4.0948	4.8744	4.9256
Eu-150m	0.2040	0.1403	0.1848	0.2061	0.2202	0.1926	0.2368	0.2432
Eu-152	2.7725	1.9393	2.5258	2.8007	3.0771	2.7327	3.2973	3.3475
Eu-152m	0.7839	0.5408	0.7114	0.7916	0.8591	0.7567	0.9224	0.9391
Eu-152n	1.8174	1.1738	1.6157	1.8461	1.7370	1.4012	1.9191	2.0690
Eu-154	2.1597	1.5353	1.9782	2.1827	2.4523	2.2031	2.6213	2.6417
Eu-154m	2.2702	1.4028	1.9980	2.3048	2.0896	1.6287	2.3296	2.5477
Eu-155	1.1078	0.7808	1.0071	1.1231	1.1742	1.0251	1.2638	1.3128
Eu-156	1.2729	0.8853	1.1599	1.2846	1.4504	1.2935	1.5486	1.5568
Eu-157	2.1315	1.4101	1.9106	2.1609	2.1710	1.8233	2.3632	2.4928
Eu-158	1.7663	1.2132	1.6041	1.7845	1.9693	1.7363	2.1127	2.1405
Eu-159	2.3378	1.5934	2.1098	2.3672	2.4559	2.1161	2.6484	2.7542
F-17	0.0003	0.0002	0.0003	0.0003	0.0004	0.0003	0.0004	0.0004
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5020	1.0686	1.3752	1.5270	1.6049	1.3974	1.7400	1.7977
Fe-53	0.4441	0.3254	0.4105	0.4498	0.5159	0.4684	0.5498	0.5543
Fe-53m	2.6645	1.9105	2.4538	2.6838	3.2128	2.9462	3.3986	3.3444
Fe-55	0.6323	0.2980	0.5250	0.6463	0.4160	0.2074	0.5146	0.6386
Fe-59	0.9884	0.7072	0.9093	0.9954	1.1930	1.0975	1.2610	1.2401
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.3479	0.9759	1.2434	1.3590	1.6167	1.4858	1.7118	1.6905
Fe-62	0.9285	0.6826	0.8600	0.9379	1.1049	1.0136	1.1700	1.1620
Fm-251	2.6086	1.6825	2.3233	2.6416	2.4850	2.0095	2.7505	2.9429
Fm-252	0.1873	0.1121	0.1638	0.1892	0.1640	0.1233	0.1842	0.2018
Fm-253	2.6607	1.6561	2.3487	2.6909	2.4301	1.8999	2.7090	2.9323
Fm-254	0.1963	0.1184	0.1720	0.1982	0.1741	0.1323	0.1950	0.2126

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fm-255	2.1412	1.2507	1.8617	2.1653	1.8111	1.3158	2.0546	2.2819
Fm-256	13.2114	9.6520	12.2091	13.3328	15.7027	14.3884	16.6335	16.4954
Fm-257	2.8432	1.8474	2.5369	2.8763	2.7275	2.2193	3.0069	3.2034
Fr-212	3.6889	2.4336	3.3064	3.7359	3.6617	3.0260	4.0126	4.2378
Fr-219	0.0147	0.0104	0.0134	0.0149	0.0159	0.0140	0.0172	0.0176
Fr-220	0.4427	0.2640	0.3865	0.4490	0.3748	0.2714	0.4259	0.4761
Fr-221	0.2453	0.1719	0.2233	0.2489	0.2567	0.2212	0.2780	0.2891
Fr-222	1.9287	1.2724	1.7282	1.9547	1.8674	1.5242	2.0550	2.1882
Fr-223	1.6647	1.0598	1.4764	1.6869	1.5522	1.2279	1.7144	1.8555
Fr-224	1.6872	1.1577	1.5294	1.7082	1.7605	1.5079	1.9111	1.9813
Fr-227	2.7860	1.9197	2.5232	2.8207	2.8728	2.4512	3.1157	3.2544
Ga-64	1.3680	0.9665	1.2547	1.3773	1.6371	1.4901	1.7354	1.7093
Ga-65	1.8564	1.2083	1.6572	1.8866	1.8015	1.4664	1.9935	2.1395
Ga-66	1.4944	0.9128	1.3174	1.5132	1.4664	1.1716	1.6233	1.7230
Ga-67	2.8716	1.6511	2.4870	2.9266	2.3995	1.6940	2.7589	3.1322
Ga-68	0.1888	0.0973	0.1598	0.1924	0.1430	0.0886	0.1694	0.1990
Ga-70	0.0161	0.0102	0.0143	0.0163	0.0158	0.0128	0.0175	0.0186
Ga-72	2.0387	1.4603	1.8772	2.0535	2.4535	2.2412	2.5991	2.5571
Ga-73	3.2113	1.8425	2.7829	3.2697	2.7192	1.9346	3.1204	3.5254
Ga-74	2.2582	1.6242	2.0799	2.2743	2.7193	2.4877	2.8760	2.8331
Gd-142	1.2911	0.9007	1.1752	1.3054	1.4242	1.2583	1.5259	1.5547
Gd-143m	3.2492	2.2883	2.9665	3.2854	3.6288	3.2273	3.8824	3.9417
Gd-144	0.9749	0.6565	0.8781	0.9849	1.0389	0.8977	1.1191	1.1532
Gd-145m	1.4413	0.9355	1.2900	1.4591	1.4822	1.2363	1.6196	1.6935
Gd-145	1.8942	1.2977	1.7179	1.9099	2.1278	1.8812	2.2750	2.2939
Gd-146	4.4540	3.0986	4.0409	4.5088	4.7284	4.1258	5.0958	5.2669
Gd-147	3.8638	2.7311	3.5312	3.9087	4.3236	3.8517	4.6227	4.6925
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1315	2.1914	2.8503	3.1688	3.3994	2.9884	3.6545	3.7484
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8253	1.1519	1.6152	1.8500	1.7527	1.4132	1.9316	2.0707
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.5147	1.7130	2.2665	2.5445	2.6178	2.2520	2.8234	2.9431
Gd-159	0.4520	0.3066	0.4077	0.4581	0.4742	0.4070	0.5120	0.5346
Gd-162	1.1931	0.8346	1.0886	1.2092	1.3163	1.1582	1.4165	1.4514
Ge-66	3.3086	1.9924	2.8995	3.3648	2.9845	2.2636	3.3619	3.7057
Ge-67	1.4328	1.0477	1.3230	1.4536	1.6119	1.4446	1.7288	1.7509
Ge-68	1.5521	0.7328	1.2890	1.5862	1.0226	0.5113	1.2641	1.5677
Ge-69	1.8978	1.0650	1.6384	1.9297	1.6232	1.1559	1.8598	2.0844
Ge-71	1.5742	0.7432	1.3074	1.6088	1.0372	0.5186	1.2821	1.5901

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ge-75	0.1440	0.1083	0.1339	0.1461	0.1676	0.1535	0.1781	0.1793
Ge-77	2.4378	1.8046	2.2592	2.4696	2.8496	2.6027	3.0278	3.0343
Ge-78	1.0605	0.7992	0.9870	1.0751	1.2418	1.1402	1.3196	1.3264
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7242	1.1674	1.5553	1.7497	1.7821	1.5115	1.9377	2.0428
Hf-169	2.5217	1.6864	2.2686	2.5592	2.6001	2.1963	2.8253	2.9758
Hf-170	3.9239	2.5367	3.4970	3.9882	3.8271	3.1114	4.2142	4.5290
Hf-172	3.9258	2.3782	3.4403	3.9922	3.5327	2.6900	3.9593	4.3859
Hf-173	4.1152	2.8345	3.7272	4.1785	4.2767	3.6680	4.6485	4.8773
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7706	1.8395	2.4862	2.8135	2.8042	2.3416	3.0608	3.2533
Hf-177m	13.5955	9.4310	12.3510	13.8022	14.3952	12.4275	15.5943	16.2555
Hf-178m	9.4050	6.5384	8.5524	9.5425	10.0728	8.7407	10.8855	11.2820
Hf-179m	6.0919	4.0973	5.4890	6.1884	6.2241	5.2408	6.7972	7.1751
Hf-180m	4.9535	3.4354	4.5006	5.0270	5.2785	4.5686	5.7076	5.9373
Hf-181	2.4626	1.6912	2.2324	2.4983	2.5918	2.2289	2.8165	2.9333
Hf-182	1.3122	0.9407	1.2033	1.3322	1.4403	1.2740	1.5490	1.5937
Hf-182m	4.5855	3.0805	4.1305	4.6551	4.7111	3.9753	5.1342	5.4081
Hf-183	1.9969	1.4051	1.8227	2.0219	2.2075	1.9491	2.3691	2.4219
Hf-184	4.0265	2.3502	3.5012	4.1001	3.4475	2.4965	3.9400	4.4287
Hg-190	4.0378	2.5793	3.5861	4.1033	3.7798	2.9944	4.2114	4.5707
Hg-191m	5.4741	3.6033	4.9062	5.5550	5.4910	4.5489	6.0221	6.3782
Hg-192	4.0629	2.5601	3.5961	4.1288	3.7671	2.9512	4.2029	4.5850
Hg-193	3.8422	2.4324	3.4073	3.9006	3.6468	2.8991	4.0479	4.3710
Hg-193m	3.2462	2.1280	2.9063	3.2917	3.2577	2.6972	3.5711	3.7788
Hg-194	0.8715	0.4317	0.7308	0.8885	0.5981	0.3243	0.7265	0.8840
Hg-195	2.9989	1.7938	2.6205	3.0484	2.6142	1.9340	2.9603	3.3016
Hg-195m	3.6870	2.1089	3.1899	3.7512	3.0437	2.1248	3.5006	3.9802
Hg-197	2.8519	1.6988	2.4881	2.9002	2.4552	1.7991	2.7881	3.1236
Hg-197m	2.6227	1.5632	2.2903	2.6673	2.2553	1.6516	2.5679	2.8728
Hg-199m	2.8561	1.8222	2.5369	2.9023	2.6729	2.1110	2.9772	3.2291
Hg-203	1.2088	0.8654	1.1079	1.2260	1.3224	1.1673	1.4233	1.4635
Hg-205	0.0450	0.0316	0.0410	0.0458	0.0475	0.0410	0.0514	0.0534
Hg-206	0.6038	0.4218	0.5496	0.6117	0.6436	0.5579	0.6968	0.7227
Hg-207	2.9594	2.0814	2.7062	2.9884	3.3709	3.0080	3.6052	3.6311
Ho-150	1.4985	1.0641	1.3754	1.5127	1.7442	1.5718	1.8567	1.8537
Ho-153	2.2212	1.5571	2.0237	2.2497	2.4322	2.1405	2.6102	2.6823
Ho-153m	2.7060	1.8843	2.4601	2.7437	2.9133	2.5414	3.1360	3.2412
Ho-154m	4.7416	3.4142	4.3598	4.7970	5.4387	4.9006	5.7975	5.8546
Ho-154	2.4962	1.7859	2.2909	2.5239	2.8506	2.5600	3.0418	3.0746

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-155	2.5842	1.7228	2.3209	2.6221	2.6444	2.2293	2.8750	3.0266
Ho-156	3.8088	2.6897	3.4796	3.8572	4.2239	3.7450	4.5294	4.6202
Ho-157	3.8282	2.5835	3.4486	3.8830	3.9728	3.3836	4.3017	4.5089
Ho-159	4.2353	2.8997	3.8281	4.2969	4.4211	3.7978	4.7841	5.0014
Ho-160	4.0734	2.7789	3.6877	4.1234	4.4074	3.8286	4.7441	4.8789
Ho-161	2.2187	1.4011	1.9639	2.2488	2.1324	1.7190	2.3400	2.5201
Ho-162	1.7897	1.1422	1.5875	1.8171	1.7388	1.4119	1.9069	2.0483
Ho-162m	3.1450	2.0148	2.7965	3.1936	3.0811	2.5092	3.3859	3.6214
Ho-163	0.0254	0.0120	0.0211	0.0259	0.0167	0.0083	0.0206	0.0256
Ho-164	1.0330	0.6550	0.9146	1.0492	0.9927	0.7996	1.0909	1.1777
Ho-164m	2.3858	1.3883	2.0705	2.4279	2.0644	1.5101	2.3363	2.6220
Ho-166	0.4505	0.2690	0.3933	0.4587	0.3985	0.2980	0.4492	0.4999
Ho-166m	4.1894	2.9439	3.8257	4.2454	4.6256	4.0737	4.9714	5.0790
Ho-167	1.6109	1.1412	1.4724	1.6330	1.7702	1.5609	1.9029	1.9581
Ho-168	1.6220	1.1035	1.4696	1.6420	1.7608	1.5253	1.9013	1.9499
Ho-168m	0.5856	0.3126	0.4986	0.5972	0.4535	0.2923	0.5309	0.6210
Ho-170	3.8645	2.6703	3.5118	3.9159	4.2103	3.6784	4.5336	4.6542
I-118m	4.0461	2.9270	3.7315	4.0788	4.8088	4.3937	5.0910	5.0481
I-118	1.3904	1.0034	1.2815	1.4013	1.6518	1.5078	1.7484	1.7336
I-119	1.7399	1.2574	1.6001	1.7576	1.9710	1.7793	2.0942	2.1167
I-120	1.8237	1.2966	1.6735	1.8357	2.1427	1.9440	2.2692	2.2534
I-120m	3.5640	2.5673	3.2827	3.5916	4.2224	3.8506	4.4696	4.4349
I-121	2.1930	1.5663	2.0091	2.2132	2.4457	2.1926	2.5992	2.6349
I-122	0.4525	0.3151	0.4123	0.4550	0.5075	0.4528	0.5390	0.5437
I-123	2.2984	1.6405	2.1060	2.3176	2.5411	2.2696	2.7070	2.7455
I-124	1.7343	1.2084	1.5810	1.7437	1.9605	1.7525	2.0812	2.0930
I-125	2.1040	1.4049	1.8924	2.1099	2.2223	1.9308	2.3683	2.4315
I-126	1.2848	0.9061	1.1748	1.2940	1.4532	1.3028	1.5439	1.5570
I-128	0.2111	0.1505	0.1936	0.2129	0.2406	0.2168	0.2555	0.2574
I-129	1.0979	0.7337	0.9871	1.1019	1.1624	1.0123	1.2409	1.2695
I-130m	0.5151	0.3333	0.4600	0.5197	0.5240	0.4387	0.5692	0.5953
I-130	3.0882	2.2511	2.8553	3.1163	3.6902	3.3785	3.9081	3.8713
I-131	1.2371	0.9175	1.1452	1.2495	1.4634	1.3429	1.5528	1.5478
I-132	2.7246	1.9742	2.5162	2.7472	3.2668	2.9893	3.4598	3.4170
I-132m	1.2918	0.8574	1.1614	1.3044	1.3451	1.1434	1.4568	1.5119
I-133	0.9781	0.7156	0.9049	0.9874	1.1659	1.0687	1.2343	1.2242
I-134m	2.1450	1.5144	1.9587	2.1622	2.3793	2.1252	2.5315	2.5696
I-134	2.8499	2.0588	2.6302	2.8736	3.4180	3.1304	3.6219	3.5726
I-135	1.2512	0.8967	1.1518	1.2603	1.5086	1.3844	1.5957	1.5705
In-103	2.2320	1.6278	2.0616	2.2537	2.6331	2.4051	2.7913	2.7733

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-105	2.1934	1.5987	2.0232	2.2138	2.5386	2.3119	2.6983	2.6981
In-106	3.4894	2.5138	3.2160	3.5173	4.1504	3.7900	4.3962	4.3518
In-106m	1.5939	1.1419	1.4663	1.6048	1.8997	1.7303	2.0105	1.9878
In-107	2.2037	1.5758	2.0216	2.2221	2.5112	2.2626	2.6674	2.6814
In-108	4.9419	3.5389	4.5437	4.9803	5.7941	5.2653	6.1432	6.1109
In-108m	1.9101	1.3486	1.7487	1.9213	2.2219	2.0048	2.3550	2.3451
In-109	2.5110	1.7955	2.3013	2.5334	2.8112	2.5207	2.9888	3.0244
In-109m	0.9191	0.6648	0.8477	0.9262	1.0910	0.9945	1.1548	1.1460
In-110	4.6703	3.3181	4.2856	4.7029	5.4401	4.9226	5.7712	5.7474
In-110m	1.4445	1.0240	1.3238	1.4539	1.6686	1.5037	1.7700	1.7689
In-111	3.3673	2.4540	3.1025	3.4045	3.7801	3.4052	4.0235	4.0738
In-111m	0.9391	0.6806	0.8660	0.9472	1.1009	1.0025	1.1663	1.1630
In-112	0.4342	0.2941	0.3921	0.4359	0.4627	0.4031	0.4936	0.5058
In-112m	0.9950	0.6821	0.9014	0.9995	1.0634	0.9306	1.1332	1.1624
In-113m	0.9967	0.7147	0.9152	1.0059	1.1321	1.0196	1.2030	1.2168
In-114	0.0073	0.0050	0.0066	0.0074	0.0080	0.0070	0.0085	0.0087
In-114m	0.8125	0.5590	0.7369	0.8181	0.8713	0.7621	0.9308	0.9554
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9660	0.6843	0.8834	0.9725	1.0757	0.9605	1.1448	1.1638
In-116m	2.0272	1.4547	1.8663	2.0423	2.4424	2.2433	2.5831	2.5445
In-117	2.1420	1.6000	1.9907	2.1671	2.5051	2.2931	2.6601	2.6561
In-117m	0.6971	0.5027	0.6406	0.7029	0.7804	0.7006	0.8309	0.8423
In-118m	2.5385	1.8217	2.3374	2.5572	3.0593	2.8100	3.2348	3.1852
In-118	0.0621	0.0444	0.0571	0.0625	0.0750	0.0690	0.0793	0.0780
In-119	1.2333	0.8565	1.1253	1.2435	1.3958	1.2388	1.4921	1.5016
In-119m	0.2199	0.1449	0.1973	0.2215	0.2288	0.1948	0.2469	0.2563
In-121	1.0378	0.7488	0.9575	1.0465	1.2457	1.1420	1.3196	1.3011
In-121m	0.7909	0.5511	0.7192	0.7948	0.8655	0.7685	0.9165	0.9383
Ir-180	3.6497	2.4471	3.2883	3.7016	3.7569	3.1717	4.1025	4.3059
Ir-182	3.6747	2.4472	3.3034	3.7293	3.7252	3.1185	4.0809	4.3094
Ir-183	4.3619	2.7675	3.8713	4.4287	4.1878	3.3536	4.6388	5.0044
Ir-184	5.4362	3.6097	4.8848	5.5143	5.5490	4.6532	6.0663	6.3903
Ir-185	4.8289	2.9095	4.2301	4.9091	4.3240	3.2648	4.8720	5.3933
Ir-186	5.2326	3.4903	4.7072	5.3067	5.3559	4.5016	5.8537	6.1613
Ir-186m	3.1154	2.0436	2.7912	3.1584	3.1526	2.6215	3.4545	3.6466
Ir-187	3.2905	1.9951	2.8862	3.3454	2.9594	2.2471	3.3290	3.6839
Ir-188	3.8693	2.5341	3.4648	3.9214	3.9292	3.2685	4.3002	4.5322
Ir-189	2.6499	1.5538	2.3046	2.6968	2.2662	1.6437	2.5812	2.9124
Ir-190	5.3949	3.6744	4.8817	5.4708	5.6774	4.8579	6.1622	6.4232
Ir-190m	0.8671	0.4134	0.7215	0.8857	0.5759	0.2929	0.7094	0.8765

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-190n	2.0304	1.2198	1.7757	2.0649	1.7879	1.3364	2.0195	2.2546
Ir-191m	2.6893	1.5712	2.3372	2.7368	2.2727	1.6329	2.6007	2.9381
Ir-192	2.5473	1.8507	2.3469	2.5773	2.8986	2.6067	3.1000	3.1446
Ir-192m	0.9714	0.4744	0.8122	0.9910	0.6583	0.3485	0.8038	0.9839
Ir-192n	2.0252	0.9922	1.6944	2.0660	1.3774	0.7338	1.6797	2.0532
Ir-193m	0.8623	0.4135	0.7183	0.8807	0.5763	0.2967	0.7082	0.8730
Ir-194	0.2269	0.1657	0.2094	0.2294	0.2613	0.2364	0.2789	0.2816
Ir-194m	5.2962	3.8141	4.8719	5.3551	6.0629	5.4500	6.4744	6.5374
Ir-195	2.0379	1.2201	1.7804	2.0723	1.7711	1.3091	2.0064	2.2444
Ir-195m	2.4220	1.5730	2.1623	2.4590	2.3662	1.9256	2.6104	2.7954
Ir-196	0.4510	0.3269	0.4158	0.4560	0.5224	0.4726	0.5571	0.5602
Ir-196m	6.0034	4.2441	5.4937	6.0768	6.7055	5.9406	7.1941	7.3308
K-38	0.8801	0.6218	0.8063	0.8844	1.0715	0.9776	1.1326	1.1064
K-40	0.1100	0.0749	0.1000	0.1109	0.1261	0.1119	0.1349	0.1350
K-42	0.1682	0.1194	0.1547	0.1692	0.2039	0.1865	0.2158	0.2115
K-43	1.8837	1.3910	1.7460	1.9040	2.2387	2.0526	2.3730	2.3659
K-44	1.3854	0.9868	1.2730	1.3940	1.6778	1.5383	1.7733	1.7399
K-45	1.8201	1.3444	1.6873	1.8395	2.1655	1.9866	2.2961	2.2737
K-46	1.3633	0.9667	1.2513	1.3707	1.6550	1.5185	1.7473	1.7125
Kr-74	2.4180	1.6344	2.1795	2.4527	2.4198	2.0196	2.6482	2.8013
Kr-75	1.9166	1.3623	1.7528	1.9426	2.0319	1.7725	2.2044	2.2747
Kr-76	3.4682	2.1940	3.0764	3.5139	3.2196	2.5192	3.5809	3.8824
Kr-77	1.9989	1.4420	1.8347	2.0267	2.1395	1.8852	2.3188	2.3856
Kr-79	1.9703	1.1639	1.7188	1.9974	1.6597	1.1863	1.8891	2.1171
Kr-81	1.5711	0.8574	1.3449	1.5933	1.1699	0.7270	1.3731	1.6076
Kr-81m	1.2839	0.8945	1.1677	1.3017	1.3180	1.1207	1.4315	1.4941
Kr-83m	0.7013	0.3755	0.5978	0.7120	0.5144	0.3124	0.6076	0.7165
Kr-85	0.0041	0.0030	0.0038	0.0041	0.0048	0.0044	0.0051	0.0051
Kr-85m	1.2334	0.9190	1.1437	1.2503	1.3789	1.2414	1.4791	1.4994
Kr-87	0.7756	0.5666	0.7171	0.7837	0.9259	0.8480	0.9812	0.9747
Kr-88	1.5234	1.0810	1.3961	1.5361	1.7511	1.5697	1.8652	1.8634
Kr-89	1.6545	1.1991	1.5267	1.6691	1.9726	1.8034	2.0898	2.0684
La-128	3.2257	2.3468	2.9773	3.2566	3.7981	3.4684	4.0291	4.0139
La-129	1.7074	1.2183	1.5635	1.7234	1.9122	1.7164	2.0384	2.0620
La-130	2.3990	1.7312	2.2091	2.4206	2.8067	2.5531	2.9804	2.9742
La-131	2.3248	1.6414	2.1221	2.3452	2.5781	2.3018	2.7502	2.7887
La-132	2.3136	1.6385	2.1188	2.3321	2.6654	2.4045	2.8326	2.8322
La-132m	2.3565	1.6608	2.1517	2.3808	2.6024	2.3133	2.7907	2.8341
La-133	1.4573	0.9182	1.2909	1.4699	1.4272	1.1702	1.5605	1.6469
La-134	0.4815	0.3211	0.4329	0.4841	0.5115	0.4444	0.5482	0.5600

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-135	1.1338	0.7465	1.0153	1.1396	1.1809	1.0166	1.2684	1.3033
La-136	0.7529	0.4967	0.6747	0.7568	0.7874	0.6791	0.8454	0.8674
La-137	1.0853	0.7115	0.9707	1.0908	1.1244	0.9647	1.2090	1.2444
La-138	1.5082	1.0358	1.3707	1.5179	1.7070	1.5203	1.8205	1.8246
La-140	2.0147	1.4524	1.8587	2.0307	2.4138	2.2058	2.5586	2.5264
La-141	0.0175	0.0124	0.0161	0.0176	0.0212	0.0194	0.0224	0.0220
La-142	1.3955	0.9983	1.2836	1.4045	1.6852	1.5406	1.7819	1.7513
La-143	0.2007	0.1440	0.1848	0.2021	0.2420	0.2215	0.2560	0.2519
Lu-165	3.7323	2.5137	3.3621	3.7887	3.8559	3.2703	4.1880	4.4036
Lu-167	4.1254	2.7246	3.7007	4.1820	4.2458	3.5728	4.6161	4.8477
Lu-169m	0.6374	0.3007	0.5293	0.6515	0.4197	0.2095	0.5189	0.6438
Lu-169	3.8292	2.5297	3.4343	3.8858	3.9268	3.2971	4.2721	4.5015
Lu-170	3.5220	2.3147	3.1567	3.5680	3.6698	3.0985	3.9838	4.1616
Lu-171m	0.6756	0.3203	0.5615	0.6904	0.4476	0.2262	0.5523	0.6836
Lu-171	4.3808	2.7083	3.8615	4.4516	4.1048	3.2179	4.5601	4.9664
Lu-172	4.9522	3.2756	4.4462	5.0224	5.1230	4.3190	5.5734	5.8415
Lu-172m	0.5731	0.2703	0.4759	0.5857	0.3773	0.1883	0.4665	0.5788
Lu-173	3.4829	2.2562	3.1020	3.5420	3.4005	2.7712	3.7289	4.0192
Lu-174	1.9912	1.2204	1.7493	2.0265	1.8264	1.4109	2.0348	2.2434
Lu-174m	2.8079	1.6024	2.4264	2.8605	2.3529	1.6651	2.6911	3.0628
Lu-176	3.2926	2.2502	2.9787	3.3445	3.4135	2.9045	3.7167	3.9021
Lu-176m	0.6038	0.3468	0.5224	0.6152	0.5041	0.3563	0.5779	0.6577
Lu-177	0.3924	0.2657	0.3538	0.3990	0.3978	0.3348	0.4346	0.4600
Lu-177m	7.2962	5.0477	6.6212	7.4114	7.6645	6.5938	8.3108	8.6886
Lu-178	0.4494	0.2752	0.3952	0.4567	0.4155	0.3221	0.4642	0.5076
Lu-178m	5.6944	3.9979	5.1878	5.7787	6.1139	5.3294	6.5987	6.8421
Lu-179	0.1741	0.1286	0.1609	0.1769	0.1965	0.1772	0.2098	0.2133
Lu-180	2.6932	1.8486	2.4436	2.7274	2.9299	2.5542	3.1591	3.2470
Lu-181	2.7763	1.7642	2.4661	2.8204	2.6860	2.1590	2.9710	3.1945
Mg-27	0.9380	0.6752	0.8654	0.9455	1.1293	1.0348	1.1967	1.1774
Mg-28	2.0469	1.4668	1.8809	2.0573	2.4169	2.2178	2.5477	2.5179
Mn-50m	3.0904	2.2139	2.8463	3.1128	3.7267	3.4159	3.9443	3.8794
Mn-51	0.0199	0.0105	0.0169	0.0202	0.0157	0.0102	0.0184	0.0212
Mn-52	3.1259	2.1522	2.8474	3.1541	3.5713	3.1724	3.8234	3.8362
Mn-52m	0.9230	0.6537	0.8478	0.9287	1.1138	1.0187	1.1786	1.1581
Mn-53	0.5149	0.2427	0.4275	0.5263	0.3388	0.1689	0.4190	0.5200
Mn-54	1.4294	0.9016	1.2716	1.4483	1.4381	1.1743	1.5850	1.6678
Mn-56	1.2951	0.9282	1.1933	1.3045	1.5636	1.4298	1.6566	1.6269
Mn-57	1.1983	0.6849	1.0371	1.2181	0.9877	0.6905	1.1381	1.2895
Mn-58m	2.0667	1.4853	1.9051	2.0824	2.4907	2.2824	2.6370	2.5953

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-101	1.9023	1.3328	1.7378	1.9220	2.1539	1.9169	2.3050	2.3236
Mo-102	0.1231	0.0934	0.1147	0.1249	0.1422	0.1304	0.1513	0.1520
Mo-89	0.2333	0.1648	0.2138	0.2349	0.2708	0.2444	0.2879	0.2860
Mo-90	3.7207	2.6480	3.4037	3.7559	3.9888	3.5221	4.2913	4.3766
Mo-91m	0.9510	0.6775	0.8737	0.9575	1.1208	1.0178	1.1888	1.1777
Mo-91	0.0855	0.0561	0.0765	0.0858	0.0832	0.0690	0.0907	0.0943
Mo-93	1.1867	0.7717	1.0594	1.1914	1.1232	0.9191	1.2308	1.2894
Mo-93m	2.8456	2.0401	2.6173	2.8694	3.3098	2.9967	3.5184	3.5049
Mo-99	0.3671	0.2678	0.3389	0.3708	0.4218	0.3824	0.4494	0.4495
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6075	0.4278	0.5551	0.6083	0.7414	0.6748	0.7788	0.7585
Na-22	0.9206	0.6547	0.8454	0.9262	1.1152	1.0269	1.1772	1.1561
Na-24	1.7781	1.2582	1.6311	1.7872	2.1614	1.9788	2.2823	2.2333
Nb-87	2.3680	1.7028	2.1721	2.3950	2.5432	2.2470	2.7338	2.7915
Nb-88m	3.4945	2.5236	3.2224	3.5248	4.1670	3.8137	4.4150	4.3698
Nb-88	4.9047	3.4989	4.5022	4.9455	5.6352	5.0855	5.9985	5.9937
Nb-89	0.6032	0.4076	0.5454	0.6063	0.6406	0.5534	0.6901	0.7009
Nb-89m	1.0861	0.7737	0.9965	1.0954	1.2248	1.0961	1.3071	1.3141
Nb-90	3.7627	2.6596	3.4423	3.7906	4.2306	3.7814	4.5229	4.5324
Nb-91	1.2610	0.8094	1.1222	1.2663	1.1600	0.9284	1.2788	1.3531
Nb-91m	1.0383	0.6754	0.9270	1.0426	0.9857	0.8073	1.0798	1.1311
Nb-92	3.0883	2.1372	2.8110	3.1094	3.3624	2.9516	3.6089	3.6516
Nb-92m	2.2303	1.5047	2.0154	2.2431	2.3264	1.9975	2.5142	2.5685
Nb-93m	0.2474	0.1545	0.2186	0.2490	0.2239	0.1757	0.2487	0.2661
Nb-94m	0.8216	0.5322	0.7328	0.8251	0.7751	0.6319	0.8503	0.8925
Nb-94	1.8152	1.3117	1.6760	1.8301	2.1806	1.9953	2.3105	2.2778
Nb-95	0.9019	0.6523	0.8333	0.9094	1.0831	0.9900	1.1487	1.1320
Nb-95m	1.0932	0.7432	0.9877	1.1011	1.1007	0.9359	1.1940	1.2350
Nb-96	2.9499	2.1389	2.7247	2.9756	3.5357	3.2396	3.7454	3.6995
Nb-97	0.9141	0.6645	0.8445	0.9216	1.0946	1.0011	1.1584	1.1462
Nb-98m	2.8758	2.0756	2.6539	2.8988	3.4511	3.1563	3.6576	3.6064
Nb-99	2.3821	1.7538	2.1966	2.4078	2.6183	2.3558	2.8043	2.8467
Nb-99m	0.7323	0.5274	0.6734	0.7383	0.8499	0.7701	0.9028	0.9001
Nd-134	2.5000	1.7900	2.2904	2.5275	2.7705	2.4753	2.9626	3.0064
Nd-135	2.8734	2.0104	2.6163	2.9062	3.1377	2.7679	3.3654	3.4382
Nd-136	2.5925	1.7648	2.3398	2.6163	2.7390	2.3782	2.9490	3.0376
Nd-137	2.5692	1.7824	2.3345	2.5908	2.8355	2.5121	3.0317	3.0738
Nd-138	1.1816	0.7820	1.0584	1.1902	1.2251	1.0505	1.3208	1.3644
Nd-139	1.0744	0.7230	0.9676	1.0827	1.1437	0.9942	1.2287	1.2591
Nd-139m	3.6679	2.5759	3.3465	3.6992	4.1187	3.6809	4.3965	4.4324

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-140	1.1027	0.7238	0.9856	1.1106	1.1340	0.9674	1.2242	1.2674
Nd-141	1.1129	0.7329	0.9957	1.1208	1.1503	0.9843	1.2406	1.2821
Nd-141m	0.9195	0.6589	0.8466	0.9272	1.0874	0.9877	1.1551	1.1442
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1968	0.8389	1.0879	1.2092	1.2971	1.1445	1.3891	1.4228
Nd-149	1.8928	1.3780	1.7421	1.9167	2.1319	1.9208	2.2756	2.3069
Nd-151	2.0755	1.5228	1.9160	2.0988	2.3925	2.1796	2.5466	2.5558
Nd-152	0.9237	0.6407	0.8396	0.9363	0.9798	0.8485	1.0599	1.0978
Ne-19	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Ne-24	1.0133	0.7463	0.9390	1.0243	1.2055	1.1062	1.2772	1.2704
Ni-56	4.1982	2.8802	3.8129	4.2567	4.4950	3.8747	4.8781	5.0286
Ni-57	1.6282	1.0477	1.4543	1.6477	1.6815	1.4057	1.8403	1.9176
Ni-59	0.8928	0.4208	0.7412	0.9125	0.5874	0.2929	0.7266	0.9017
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.4222	0.3021	0.3887	0.4252	0.5098	0.4676	0.5394	0.5306
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.0906	3.4097	4.5823	5.1465	5.1349	4.2992	5.6024	5.8752
Np-233	2.1620	1.4290	1.9351	2.1878	2.0712	1.6860	2.2768	2.4349
Np-234	3.2721	2.1353	2.9251	3.3068	3.2011	2.6200	3.5119	3.7166
Np-235	1.1871	0.6736	1.0252	1.2018	0.9480	0.6470	1.0917	1.2396
Np-236	5.3527	3.3742	4.7385	5.4147	4.8619	3.7813	5.4163	5.8781
Np-236m	1.2785	0.8312	1.1397	1.2935	1.2022	0.9638	1.3272	1.4270
Np-237	2.1564	1.3130	1.8929	2.1793	1.8871	1.4189	2.1175	2.3242
Np-238	1.5203	0.9688	1.3529	1.5346	1.4880	1.2120	1.6350	1.7229
Np-239	3.2322	2.1138	2.8872	3.2730	3.0942	2.5100	3.4105	3.6503
Np-240	4.5253	2.9527	4.0475	4.5730	4.4554	3.6625	4.8851	5.1519
Np-240m	1.3029	0.8317	1.1593	1.3160	1.2565	1.0141	1.3840	1.4685
Np-241	0.8261	0.5450	0.7394	0.8359	0.7948	0.6488	0.8740	0.9321
Np-242	0.3599	0.2398	0.3244	0.3630	0.3818	0.3264	0.4133	0.4238
Np-242m	4.0666	2.6116	3.6236	4.1092	3.9281	3.1804	4.3270	4.5871
O-14	0.8708	0.6148	0.7975	0.8748	1.0608	0.9680	1.1207	1.0942
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.6785	1.2559	1.5594	1.7004	1.9816	1.8240	2.0990	2.0918
Os-180	2.9527	1.7382	2.5706	3.0032	2.5568	1.8757	2.9016	3.2550
Os-181	4.8876	3.1839	4.3686	4.9613	4.8676	4.0092	5.3468	5.6892
Os-182	3.6466	2.3024	3.2321	3.7069	3.4508	2.7367	3.8351	4.1622
Os-183	4.8984	3.1829	4.3718	4.9760	4.7961	3.9146	5.2844	5.6748
Os-183m	2.7500	1.7535	2.4451	2.7891	2.7103	2.2092	2.9836	3.1847
Os-185	2.6677	1.7144	2.3766	2.7062	2.6339	2.1482	2.8978	3.0942
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Os-189m	0.8325	0.3956	0.6923	0.8505	0.5515	0.2789	0.6801	0.8413
Os-190m	5.1358	3.4765	4.6429	5.2079	5.3956	4.5990	5.8670	6.1097
Os-191	2.7812	1.6448	2.4239	2.8298	2.3850	1.7402	2.7185	3.0549
Os-191m	0.9828	0.4957	0.8271	1.0029	0.7001	0.4021	0.8426	1.0154
Os-193	0.7377	0.4558	0.6501	0.7499	0.6739	0.5198	0.7557	0.8297
Os-194	0.7864	0.3960	0.6616	0.8018	0.5584	0.3193	0.6715	0.8079
Os-196	0.6151	0.4100	0.5526	0.6245	0.6169	0.5141	0.6765	0.7184
P-30	0.0007	0.0005	0.0006	0.0007	0.0008	0.0007	0.0009	0.0009
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	1.0721	0.6581	0.9426	1.0854	0.9403	0.7080	1.0565	1.1641
Pa-228	5.7988	3.7720	5.1801	5.8649	5.6273	4.5776	6.1902	6.5741
Pa-229	2.0762	1.3323	1.8445	2.1018	1.9143	1.5092	2.1237	2.3001
Pa-230	3.4311	2.2263	3.0619	3.4700	3.3031	2.6754	3.6365	3.8720
Pa-231	2.1791	1.2563	1.8892	2.2061	1.7868	1.2522	2.0440	2.3038
Pa-232	2.7684	1.8162	2.4820	2.7971	2.7775	2.3053	3.0376	3.1808
Pa-233	2.7189	1.7600	2.4237	2.7507	2.5776	2.0689	2.8482	3.0552
Pa-234	5.4793	3.6216	4.9173	5.5389	5.4650	4.5348	5.9791	6.2820
Pa-234m	0.0434	0.0285	0.0389	0.0439	0.0436	0.0362	0.0476	0.0499
Pa-235	0.3014	0.1424	0.2503	0.3080	0.1987	0.0995	0.2455	0.3044
Pa-236	1.9070	1.2482	1.7086	1.9253	1.9228	1.5965	2.0996	2.1950
Pa-237	1.0230	0.6893	0.9254	1.0345	1.1060	0.9539	1.1968	1.2267
Pb-194	4.0575	2.6809	3.6377	4.1144	4.0556	3.3592	4.4443	4.7012
Pb-195m	5.6560	3.7042	5.0642	5.7339	5.6375	4.6436	6.1894	6.5558
Pb-196	3.8346	2.5242	3.4324	3.8921	3.7616	3.0836	4.1374	4.4117
Pb-197	3.5745	2.3873	3.2161	3.6212	3.6793	3.1011	4.0100	4.1959
Pb-197m	5.0019	3.2895	4.4811	5.0729	4.9741	4.0995	5.4606	5.7901
Pb-198	3.7306	2.4525	3.3383	3.7864	3.6471	2.9818	4.0167	4.2895
Pb-199	3.1865	2.1079	2.8583	3.2297	3.2090	2.6687	3.5129	3.7071
Pb-200	3.7512	2.4040	3.3333	3.8097	3.5127	2.7843	3.9062	4.2324
Pb-201	3.6120	2.4065	3.2452	3.6615	3.6392	3.0331	3.9842	4.2086
Pb-201m	1.3334	0.8803	1.1957	1.3504	1.3416	1.1129	1.4674	1.5464
Pb-202	0.8410	0.4111	0.7033	0.8580	0.5704	0.3024	0.6962	0.8519
Pb-202m	3.5086	2.4479	3.2018	3.5472	3.9136	3.4547	4.2006	4.2629
Pb-203	3.1743	2.0910	2.8413	3.2224	3.1027	2.5389	3.4163	3.6511
Pb-204m	2.9507	2.1159	2.7150	2.9801	3.4444	3.1186	3.6679	3.6624
Pb-205	0.8512	0.4161	0.7118	0.8684	0.5773	0.3061	0.7046	0.8622
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.9316	0.5003	0.7946	0.9464	0.6953	0.4318	0.8183	0.9604
Pb-211	0.1311	0.0927	0.1200	0.1326	0.1471	0.1306	0.1577	0.1599

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pb-212	1.4457	0.9835	1.3049	1.4675	1.4583	1.2247	1.5922	1.6787
Pb-214	1.4691	0.9979	1.3269	1.4892	1.5033	1.2687	1.6396	1.7219
Pd-100	3.3866	2.3988	3.0852	3.4148	3.6576	3.2406	3.9093	3.9842
Pd-101	2.5622	1.7514	2.3167	2.5783	2.7161	2.3630	2.9154	2.9830
Pd-103	1.1167	0.7461	1.0027	1.1226	1.1455	0.9790	1.2348	1.2736
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0842	0.7900	0.9982	1.0968	1.2099	1.0874	1.2898	1.3062
Pd-109	0.6054	0.4022	0.5432	0.6088	0.6199	0.5278	0.6674	0.6934
Pd-111	0.0765	0.0554	0.0705	0.0771	0.0896	0.0816	0.0950	0.0947
Pd-112	0.5065	0.3263	0.4508	0.5096	0.4851	0.3967	0.5316	0.5590
Pd-114	0.1604	0.1213	0.1493	0.1626	0.1853	0.1705	0.1974	0.1983
Pd-96	2.8297	2.0391	2.6001	2.8546	3.2103	2.8999	3.4259	3.4381
Pd-97	2.2340	1.6084	2.0552	2.2543	2.5963	2.3545	2.7586	2.7531
Pd-98	2.7500	1.9662	2.5152	2.7737	3.0156	2.6894	3.2214	3.2744
Pd-99	2.3577	1.7148	2.1708	2.3812	2.6660	2.4106	2.8466	2.8634
Pm-136	2.9841	2.1754	2.7573	3.0135	3.5311	3.2254	3.7479	3.7306
Pm-137m	3.9303	2.8391	3.6112	3.9742	4.4452	4.0048	4.7390	4.7879
Pm-139	0.7520	0.5217	0.6834	0.7591	0.8283	0.7324	0.8866	0.9018
Pm-140m	3.3260	2.3844	3.0596	3.3566	3.9087	3.5541	4.1515	4.1300
Pm-140	0.2774	0.1925	0.2524	0.2797	0.3106	0.2762	0.3318	0.3347
Pm-141	0.7338	0.4921	0.6603	0.7396	0.7817	0.6783	0.8404	0.8612
Pm-142	0.3035	0.2014	0.2723	0.3059	0.3184	0.2739	0.3431	0.3533
Pm-143	1.4669	0.9852	1.3209	1.4788	1.5624	1.3543	1.6808	1.7230
Pm-144	3.3832	2.3831	3.0924	3.4122	3.8498	3.4472	4.1020	4.1237
Pm-145	1.1711	0.7632	1.0445	1.1812	1.1875	1.0021	1.2874	1.3430
Pm-146	1.9030	1.3359	1.7373	1.9207	2.1431	1.9122	2.2881	2.3090
Pm-147	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.5419	0.3905	0.4998	0.5461	0.6514	0.5967	0.6894	0.6798
Pm-148m	3.1849	2.3159	2.9407	3.2147	3.7724	3.4437	3.9990	3.9760
Pm-149	0.0459	0.0327	0.0421	0.0465	0.0508	0.0450	0.0546	0.0559
Pm-150	1.7619	1.2841	1.6277	1.7776	2.0993	1.9237	2.2264	2.2104
Pm-151	1.5192	1.0914	1.3934	1.5375	1.6956	1.5153	1.8139	1.8455
Pm-152m	3.2753	2.3767	3.0158	3.3134	3.7523	3.3985	4.0016	4.0275
Pm-152	0.6233	0.4450	0.5711	0.6300	0.7019	0.6301	0.7513	0.7587
Pm-153	1.0917	0.7585	0.9907	1.1048	1.1541	1.0059	1.2475	1.2887
Pm-154	1.8311	1.2698	1.6666	1.8477	2.0736	1.8447	2.2169	2.2299
Pm-154m	3.1536	2.2461	2.8894	3.1885	3.5721	3.2001	3.8152	3.8508
Po-203	4.1205	2.7431	3.7037	4.1721	4.1898	3.5081	4.5724	4.7884
Po-204	6.7641	4.3184	6.0094	6.8605	6.4062	5.1006	7.1034	7.6478
Po-205	3.8819	2.5868	3.4907	3.9297	3.9698	3.3336	4.3290	4.5235

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-206	5.2885	3.4032	4.7105	5.3591	5.0934	4.1005	5.6260	6.0152
Po-207	3.5192	2.3517	3.1663	3.5629	3.6047	3.0330	3.9285	4.1048
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0686	0.0377	0.0588	0.0699	0.0546	0.0364	0.0636	0.0734
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0108	0.0078	0.0100	0.0109	0.0128	0.0117	0.0136	0.0135
Po-212m	0.0419	0.0299	0.0385	0.0421	0.0503	0.0458	0.0532	0.0524
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0004	0.0003	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	4.2527	3.0964	3.9254	4.2957	4.9967	4.5574	5.3035	5.2917
Pr-134m	1.9473	1.4063	1.7938	1.9664	2.2882	2.0831	2.4287	2.4213
Pr-135	1.9151	1.3383	1.7424	1.9319	2.1029	1.8651	2.2480	2.2845
Pr-136	2.2453	1.5992	2.0600	2.2636	2.6092	2.3615	2.7706	2.7636
Pr-137	0.9481	0.6318	0.8515	0.9543	0.9989	0.8641	1.0736	1.1014
Pr-138	0.3182	0.2119	0.2858	0.3203	0.3361	0.2908	0.3611	0.3701
Pr-138m	3.8979	2.7705	3.5738	3.9306	4.4970	4.0611	4.7867	4.7865
Pr-139	1.0368	0.6833	0.9280	1.0433	1.0759	0.9235	1.1584	1.1938
Pr-140	0.5529	0.3644	0.4949	0.5564	0.5737	0.4925	0.6177	0.6366
Pr-142	0.0336	0.0238	0.0309	0.0338	0.0407	0.0372	0.0431	0.0422
Pr-142m	0.0405	0.0191	0.0336	0.0414	0.0267	0.0133	0.0330	0.0409
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0210	0.0151	0.0194	0.0212	0.0254	0.0232	0.0268	0.0264
Pr-144m	0.5901	0.3587	0.5176	0.5966	0.5496	0.4327	0.6093	0.6568
Pr-145	0.0352	0.0248	0.0322	0.0355	0.0401	0.0359	0.0427	0.0429
Pr-146	1.0159	0.7368	0.9381	1.0250	1.2166	1.1143	1.2885	1.2747
Pr-147	2.3913	1.6516	2.1678	2.4141	2.5907	2.2765	2.7788	2.8412
Pr-148	1.3414	0.9834	1.2406	1.3542	1.5913	1.4578	1.6884	1.6802
Pr-148m	2.0100	1.4867	1.8630	2.0316	2.3712	2.1714	2.5179	2.5164
Pt-184	7.6338	4.8252	6.7648	7.7584	7.1643	5.6574	7.9755	8.6738
Pt-186	3.6234	2.3135	3.2209	3.6778	3.4970	2.8128	3.8673	4.1614
Pt-187	4.7249	2.9853	4.1860	4.8001	4.4450	3.5168	4.9433	5.3742
Pt-188	3.5097	2.1803	3.0958	3.5689	3.2127	2.4863	3.5965	3.9511
Pt-189	4.5471	2.8299	4.0132	4.6203	4.2005	3.2710	4.6917	5.1352
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.1429	2.5770	3.6549	4.2104	3.8092	2.9589	4.2580	4.6722
Pt-193	0.8935	0.4330	0.7459	0.9119	0.6015	0.3144	0.7366	0.9044

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pt-193m	1.2441	0.6480	1.0539	1.2684	0.9163	0.5544	1.0903	1.2959
Pt-195m	3.6529	2.0783	3.1544	3.7180	2.9882	2.0703	3.4438	3.9378
Pt-197	1.0315	0.5891	0.8914	1.0498	0.8420	0.5826	0.9709	1.1069
Pt-197m	2.4494	1.3890	2.1143	2.4926	1.9985	1.3783	2.3056	2.6374
Pt-199	0.6442	0.4404	0.5837	0.6529	0.6818	0.5852	0.7394	0.7670
Pt-200	1.5616	0.9353	1.3648	1.5882	1.3565	1.0018	1.5384	1.7171
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	1.6052	1.0628	1.4374	1.6241	1.5427	1.2596	1.6949	1.8101
Pu-234	1.8839	1.2339	1.6824	1.9061	1.7878	1.4448	1.9700	2.1125
Pu-235	2.6060	1.6874	2.3209	2.6367	2.4436	1.9545	2.7002	2.9062
Pu-236	0.3558	0.2073	0.3092	0.3597	0.2932	0.2077	0.3342	0.3741
Pu-237	1.9798	1.2465	1.7513	2.0033	1.7963	1.3963	2.0009	2.1773
Pu-238	0.3290	0.1915	0.2858	0.3325	0.2708	0.1917	0.3088	0.3457
Pu-239	0.1984	0.1090	0.1701	0.2012	0.1536	0.1006	0.1789	0.2062
Pu-240	0.3093	0.1801	0.2687	0.3126	0.2547	0.1803	0.2904	0.3251
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Pu-242	0.2652	0.1544	0.2304	0.2681	0.2184	0.1546	0.2490	0.2788
Pu-243	0.6734	0.4465	0.6030	0.6816	0.6555	0.5398	0.7187	0.7623
Pu-244	0.2403	0.1430	0.2099	0.2429	0.2054	0.1505	0.2322	0.2566
Pu-245	1.4842	1.0389	1.3521	1.5002	1.5931	1.3904	1.7180	1.7670
Pu-246	2.5815	1.7304	2.3208	2.6117	2.5670	2.1444	2.8013	2.9528
Ra-219	0.9950	0.6924	0.9041	1.0072	1.0446	0.8991	1.1326	1.1778
Ra-220	0.0102	0.0075	0.0094	0.0103	0.0119	0.0108	0.0127	0.0127
Ra-221	1.1348	0.6960	0.9980	1.1507	0.9945	0.7452	1.1212	1.2370
Ra-222	0.0341	0.0249	0.0314	0.0344	0.0386	0.0348	0.0414	0.0420
Ra-223	1.9820	1.2961	1.7700	2.0105	1.8958	1.5314	2.0942	2.2463
Ra-224	0.0629	0.0452	0.0577	0.0638	0.0684	0.0603	0.0735	0.0756
Ra-225	0.7876	0.4952	0.6963	0.7946	0.7358	0.5853	0.8123	0.8692
Ra-226	0.9992	0.7214	0.9221	1.0059	1.1990	1.0994	1.2636	1.2517
Ra-227	2.3314	1.4246	2.0497	2.3590	2.0735	1.5723	2.3242	2.5471
Ra-228	1.0548	0.7624	0.9720	1.0625	1.2655	1.1611	1.3324	1.3150
Ra-230	1.0052	0.6563	0.8976	1.0188	0.9630	0.7791	1.0620	1.1384
Rb-77	1.8541	1.3349	1.7017	1.8754	2.0494	1.8219	2.1924	2.2388
Rb-78m	2.4249	1.7541	2.2359	2.4464	2.8759	2.6233	3.0486	3.0262
Rb-78	1.9064	1.3498	1.7473	1.9214	2.2223	2.0007	2.3624	2.3534
Rb-79	2.4468	1.7016	2.2266	2.4757	2.5606	2.1968	2.7764	2.8742
Rb-80	0.2897	0.2073	0.2663	0.2922	0.3363	0.3029	0.3576	0.3576
Rb-81	1.5279	0.9494	1.3498	1.5441	1.3647	1.0343	1.5250	1.6650
Rb-81m	1.1904	0.7311	1.0472	1.2002	1.0034	0.7302	1.1292	1.2502
Rb-82	0.2169	0.1466	0.1964	0.2189	0.2314	0.1980	0.2503	0.2564

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-82m	4.2591	2.9088	3.8653	4.2970	4.6105	3.9898	4.9679	5.0710
Rb-83	2.4202	1.5259	2.1467	2.4455	2.2346	1.7379	2.4808	2.6777
Rb-84	1.7095	1.0813	1.5189	1.7258	1.6145	1.2740	1.7856	1.9068
Rb-84m	1.8126	1.2947	1.6613	1.8360	1.9581	1.7175	2.1049	2.1606
Rb-86m	0.9308	0.6785	0.8601	0.9394	1.1008	1.0045	1.1666	1.1603
Rb-86	0.0827	0.0591	0.0760	0.0832	0.0998	0.0917	0.1055	0.1037
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.3652	0.2600	0.3358	0.3675	0.4426	0.4046	0.4684	0.4591
Rb-89	1.5761	1.1252	1.4492	1.5866	1.9053	1.7488	2.0141	1.9784
Rb-90	0.8310	0.5925	0.7640	0.8359	1.0060	0.9199	1.0634	1.0428
Rb-90m	1.9316	1.3773	1.7765	1.9445	2.3222	2.1191	2.4596	2.4182
Re-178	3.5504	2.2963	3.1667	3.6047	3.5062	2.8687	3.8567	4.1173
Re-179	4.1777	2.7546	3.7460	4.2405	4.2210	3.5124	4.6212	4.8972
Re-180	3.7983	2.4124	3.3734	3.8551	3.6973	2.9855	4.0821	4.3788
Re-181	4.4682	2.8675	3.9771	4.5379	4.3555	3.5299	4.8062	5.1662
Re-182	8.4362	5.5349	7.5499	8.5673	8.4022	6.9409	9.2220	9.8215
Re-182m	4.4928	2.8894	3.9992	4.5600	4.4057	3.5919	4.8485	5.1943
Re-183	4.1960	2.5371	3.6763	4.2704	3.7391	2.8200	4.2122	4.6833
Re-184	3.3762	2.1580	3.0034	3.4268	3.3049	2.6817	3.6444	3.9021
Re-184m	3.6480	2.2349	3.2081	3.7107	3.3218	2.5501	3.7269	4.1054
Re-186	0.4302	0.2725	0.3813	0.4375	0.4015	0.3170	0.4482	0.4884
Re-186m	2.5592	1.2940	2.1547	2.6114	1.8344	1.0631	2.2028	2.6481
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4166	0.2813	0.3760	0.4232	0.4224	0.3541	0.4630	0.4880
Re-188m	2.9100	1.6841	2.5227	2.9630	2.4507	1.7494	2.8036	3.1835
Re-189	0.5218	0.3364	0.4650	0.5308	0.5018	0.4040	0.5560	0.5990
Re-190	3.2541	2.3497	2.9950	3.2956	3.7073	3.3298	3.9604	4.0044
Re-190m	3.3733	2.2780	3.0455	3.4218	3.5141	2.9861	3.8250	4.0009
Rh-100m	1.6384	1.1026	1.4741	1.6481	1.6972	1.4591	1.8269	1.8805
Rh-100	3.2844	2.3056	3.0002	3.3069	3.7319	3.3397	3.9761	3.9793
Rh-101	3.1559	2.2858	2.8986	3.1895	3.4677	3.1051	3.7150	3.7700
Rh-101m	2.0551	1.4434	1.8728	2.0712	2.2226	1.9578	2.3852	2.4330
Rh-102	1.3051	0.9075	1.1872	1.3148	1.4204	1.2512	1.5213	1.5444
Rh-102m	4.0832	2.8992	3.7421	4.1158	4.6649	4.1935	4.9669	4.9745
Rh-103m	0.1799	0.1083	0.1574	0.1818	0.1623	0.1246	0.1813	0.1973
Rh-104	0.0249	0.0179	0.0229	0.0251	0.0287	0.0260	0.0305	0.0305
Rh-104m	1.6750	1.1617	1.5179	1.6897	1.7899	1.5684	1.9102	1.9631
Rh-105	0.2600	0.1948	0.2416	0.2628	0.3053	0.2800	0.3248	0.3262
Rh-106	0.3180	0.2324	0.2941	0.3209	0.3794	0.3477	0.4016	0.3982
Rh-106m	3.5075	2.5506	3.2412	3.5393	4.1975	3.8475	4.4454	4.3982

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-107	1.0065	0.7537	0.9353	1.0181	1.1824	1.0847	1.2568	1.2615
Rh-108	0.6129	0.4515	0.5678	0.6197	0.7281	0.6676	0.7716	0.7689
Rh-109	1.2154	0.9029	1.1261	1.2291	1.4063	1.2834	1.4960	1.5053
Rh-94	2.2285	1.6008	2.0533	2.2447	2.6804	2.4561	2.8380	2.7953
Rh-95	1.7421	1.2308	1.5963	1.7540	2.0363	1.8436	2.1626	2.1448
Rh-95m	1.0107	0.7297	0.9310	1.0193	1.1857	1.0780	1.2576	1.2513
Rh-96	3.8089	2.7320	3.5063	3.8382	4.5068	4.0989	4.7807	4.7346
Rh-96m	1.2359	0.8582	1.1258	1.2441	1.3927	1.2394	1.4865	1.4906
Rh-97	1.6555	1.1800	1.5183	1.6705	1.8836	1.6927	2.0076	2.0171
Rh-97m	2.7900	1.9791	2.5537	2.8132	3.1508	2.8212	3.3594	3.3724
Rh-98	1.1398	0.8192	1.0492	1.1485	1.3450	1.2224	1.4260	1.4152
Rh-99	2.9700	2.0861	2.7056	2.9935	3.2164	2.8371	3.4453	3.5080
Rh-99m	2.2082	1.5512	2.0137	2.2252	2.4193	2.1409	2.5910	2.6310
Rn-207	2.9425	2.0142	2.6641	2.9787	3.0777	2.6313	3.3391	3.4682
Rn-209	3.3158	2.2578	2.9979	3.3570	3.4537	2.9432	3.7497	3.8984
Rn-210	0.2734	0.1797	0.2448	0.2770	0.2699	0.2217	0.2962	0.3137
Rn-211	3.9850	2.7001	3.6017	4.0304	4.1958	3.5884	4.5468	4.7004
Rn-212	0.0005	0.0003	0.0004	0.0005	0.0005	0.0005	0.0006	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0012	0.0009	0.0011	0.0012	0.0014	0.0013	0.0015	0.0015
Rn-219	0.2399	0.1730	0.2205	0.2433	0.2662	0.2368	0.2856	0.2919
Rn-220	1.1347	0.8306	1.0478	1.1445	1.3534	1.2456	1.4322	1.4063
Rn-222	0.0007	0.0005	0.0007	0.0008	0.0009	0.0008	0.0009	0.0009
Rn-223	2.1888	1.3618	1.9331	2.2182	2.0052	1.5530	2.2392	2.4341
Ru-103	0.9369	0.6881	0.8674	0.9464	1.1122	1.0194	1.1779	1.1710
Ru-105	1.4583	1.0590	1.3451	1.4720	1.7009	1.5460	1.8080	1.8048
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.5717	0.4207	0.5293	0.5780	0.6757	0.6191	0.7165	0.7131
Ru-108	0.6142	0.4573	0.5691	0.6223	0.6920	0.6260	0.7392	0.7463
Ru-92	6.2212	4.4754	5.7083	6.2859	6.8768	6.1486	7.3515	7.4491
Ru-94	2.1849	1.5207	1.9881	2.2017	2.3541	2.0656	2.5288	2.5760
Ru-95	2.5736	1.8125	2.3508	2.5929	2.8549	2.5381	3.0544	3.0860
Ru-97	2.3356	1.6524	2.1324	2.3586	2.5069	2.2071	2.6908	2.7470
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8062	0.5675	0.7384	0.8092	0.9832	0.8971	1.0372	1.0117
S-38	0.7714	0.5460	0.7074	0.7754	0.9388	0.8568	0.9930	0.9706
Sb-111	1.8778	1.3865	1.7388	1.8978	2.1728	1.9811	2.3083	2.3118
Sb-113	1.4500	1.0409	1.3327	1.4613	1.6696	1.5112	1.7703	1.7767

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-114	1.6562	1.1741	1.5192	1.6662	1.9672	1.7954	2.0810	2.0582
Sb-115	1.6703	1.1816	1.5289	1.6815	1.8931	1.7003	2.0076	2.0236
Sb-116	1.6895	1.1819	1.5433	1.6980	1.9684	1.7818	2.0832	2.0724
Sb-116m	4.9322	3.5216	4.5260	4.9677	5.6970	5.1656	6.0377	6.0431
Sb-117	2.2527	1.6159	2.0674	2.2711	2.4975	2.2340	2.6570	2.6968
Sb-118	0.3214	0.2171	0.2902	0.3222	0.3457	0.3028	0.3672	0.3759
Sb-118m	5.0992	3.6125	4.6677	5.1336	5.8377	5.2760	6.1830	6.2030
Sb-119	1.3822	0.9080	1.2384	1.3870	1.4227	1.2127	1.5237	1.5856
Sb-120	0.6451	0.4332	0.5814	0.6464	0.6850	0.5963	0.7279	0.7486
Sb-120m	5.2520	3.7977	4.8300	5.2973	6.0484	5.4973	6.4050	6.4220
Sb-122m	2.0906	1.4406	1.8936	2.1070	2.2276	1.9470	2.3800	2.4631
Sb-122	0.7305	0.5324	0.6751	0.7370	0.8682	0.7940	0.9190	0.9124
Sb-124	1.7219	1.2432	1.5884	1.7349	2.0696	1.8930	2.1900	2.1607
Sb-124m	0.8048	0.5592	0.7337	0.8134	0.9011	0.7947	0.9666	0.9811
Sb-124n	0.1413	0.0666	0.1173	0.1444	0.0930	0.0464	0.1150	0.1427
Sb-125	1.5969	1.1282	1.4603	1.6083	1.8007	1.6151	1.9121	1.9289
Sb-126	4.0091	2.9239	3.7073	4.0463	4.7898	4.3839	5.0742	5.0292
Sb-126m	2.4400	1.7790	2.2555	2.4640	2.9007	2.6501	3.0753	3.0571
Sb-127	1.1832	0.8638	1.0939	1.1947	1.4016	1.2810	1.4855	1.4773
Sb-128	4.4500	3.2474	4.1155	4.4894	5.3123	4.8622	5.6312	5.5798
Sb-128m	2.9058	2.1253	2.6888	2.9320	3.4597	3.1647	3.6722	3.6443
Sb-129	1.5389	1.1124	1.4205	1.5516	1.8471	1.6916	1.9569	1.9302
Sb-130m	3.3872	2.4600	3.1298	3.4181	4.0424	3.6997	4.2864	4.2363
Sb-130	4.9545	3.6298	4.5855	5.0032	5.8825	5.3846	6.2417	6.1948
Sb-131	1.9398	1.3977	1.7883	1.9548	2.3300	2.1346	2.4670	2.4324
Sb-133	2.0161	1.4443	1.8561	2.0304	2.4331	2.2305	2.5743	2.5316
Sc-42m	2.7941	2.0140	2.5763	2.8169	3.3609	3.0841	3.5563	3.5105
Sc-43	0.2532	0.1805	0.2322	0.2566	0.2835	0.2520	0.3046	0.3111
Sc-44	0.9631	0.6834	0.8841	0.9698	1.1569	1.0606	1.2241	1.2056
Sc-44m	0.9871	0.7342	0.9153	1.0012	1.1401	1.0384	1.2147	1.2262
Sc-46	1.8785	1.3460	1.7301	1.8924	2.2663	2.0806	2.3984	2.3580
Sc-47	0.8397	0.6464	0.7865	0.8524	0.9780	0.8998	1.0415	1.0418
Sc-48	2.9364	2.1022	2.7029	2.9578	3.5440	3.2575	3.7481	3.6850
Sc-49	0.0005	0.0004	0.0005	0.0005	0.0007	0.0006	0.0007	0.0007
Sc-50	2.6935	1.9351	2.4825	2.7135	3.2459	2.9762	3.4339	3.3810
Se-70	4.0280	2.2767	3.4767	4.1007	3.3150	2.2969	3.8171	4.3509
Se-71	1.2225	0.8854	1.1263	1.2374	1.3898	1.2509	1.4887	1.4992
Se-72	3.1521	1.7011	2.6904	3.2092	2.4451	1.5849	2.8553	3.3247
Se-73	2.7413	1.8074	2.4566	2.7819	2.7313	2.2567	2.9994	3.1955
Se-73m	0.5909	0.3373	0.5112	0.6008	0.4873	0.3391	0.5606	0.6367

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-75	3.9946	2.5103	3.5375	4.0625	3.6996	2.8926	4.1453	4.5167
Se-77m	1.4169	0.8964	1.2574	1.4401	1.3024	1.0114	1.4585	1.5875
Se-79m	1.4579	0.7809	1.2425	1.4826	1.0840	0.6687	1.2796	1.5076
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0194	0.0144	0.0180	0.0196	0.0228	0.0209	0.0242	0.0242
Se-81m	1.5025	0.8158	1.2843	1.5278	1.1360	0.7171	1.3345	1.5631
Se-83m	0.9476	0.6843	0.8739	0.9553	1.1378	1.0430	1.2050	1.1896
Se-83	3.2292	2.3620	2.9866	3.2609	3.8484	3.5269	4.0791	4.0476
Se-84	0.9891	0.7339	0.9180	1.0019	1.1712	1.0747	1.2426	1.2438
Si-31	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0008
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.8527	1.3309	1.7015	1.8725	2.1113	1.9004	2.2521	2.2715
Sm-140	1.6508	1.1311	1.4936	1.6673	1.7722	1.5480	1.9057	1.9544
Sm-141	1.6912	1.1960	1.5469	1.7084	1.9200	1.7210	2.0481	2.0661
Sm-141m	3.4885	2.4910	3.1986	3.5259	3.9692	3.5685	4.2310	4.2588
Sm-142	1.0693	0.7004	0.9547	1.0789	1.0902	0.9233	1.1808	1.2303
Sm-143	0.6680	0.4399	0.5975	0.6740	0.6880	0.5858	0.7440	0.7724
Sm-143m	0.9273	0.6629	0.8531	0.9352	1.0918	0.9896	1.1606	1.1519
Sm-145	2.1834	1.4424	1.9536	2.2035	2.2415	1.9082	2.4237	2.5229
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0039	0.0019	0.0032	0.0039	0.0027	0.0015	0.0033	0.0040
Sm-153	1.3898	0.9579	1.2565	1.4063	1.4620	1.2676	1.5736	1.6351
Sm-155	1.2639	0.9443	1.1679	1.2798	1.4206	1.2908	1.5097	1.5383
Sm-156	1.3473	0.9198	1.2171	1.3678	1.3844	1.1767	1.5064	1.5802
Sm-157	1.7210	1.2637	1.5882	1.7447	1.9585	1.7731	2.0861	2.1083
Sn-106	3.0335	2.1739	2.7847	3.0588	3.4502	3.1128	3.6629	3.6916
Sn-108	3.0891	2.2221	2.8374	3.1164	3.4882	3.1403	3.7053	3.7486
Sn-109	2.6103	1.8290	2.3844	2.6245	2.9982	2.6987	3.1791	3.1799
Sn-110	2.0952	1.4911	1.9181	2.1112	2.3309	2.0842	2.4789	2.5201
Sn-111	0.8770	0.5947	0.7926	0.8796	0.9446	0.8274	1.0045	1.0265
Sn-113	1.0818	0.7285	0.9753	1.0846	1.1438	0.9943	1.2175	1.2526
Sn-113m	0.7706	0.5093	0.6915	0.7730	0.7994	0.6853	0.8544	0.8865
Sn-117m	2.0856	1.5006	1.9156	2.1046	2.3106	2.0656	2.4620	2.5006
Sn-119m	0.9742	0.6247	0.8674	0.9791	0.9714	0.8084	1.0495	1.1059
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3211	0.2001	0.2838	0.3234	0.3096	0.2509	0.3382	0.3605
Sn-123	0.0061	0.0043	0.0056	0.0061	0.0073	0.0068	0.0078	0.0076
Sn-123m	1.2087	0.9149	1.1264	1.2250	1.3916	1.2723	1.4815	1.4868

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-125m	1.0418	0.7782	0.9675	1.0530	1.2256	1.1240	1.3030	1.3078
Sn-125	0.3120	0.2243	0.2875	0.3144	0.3757	0.3447	0.3977	0.3916
Sn-126	1.3501	0.9348	1.2231	1.3637	1.4219	1.2352	1.5270	1.5843
Sn-127m	0.9273	0.6802	0.8584	0.9366	1.1038	1.0123	1.1688	1.1608
Sn-127	2.0532	1.4857	1.8939	2.0707	2.4499	2.2447	2.5946	2.5665
Sn-128	3.5465	2.4863	3.2330	3.5678	3.9355	3.5111	4.1759	4.2349
Sn-129	1.1960	0.8670	1.1041	1.2056	1.4338	1.3125	1.5172	1.5000
Sn-130	3.1414	2.2928	2.8973	3.1731	3.6099	3.2781	3.8293	3.8484
Sn-130m	1.9292	1.3890	1.7733	1.9444	2.2173	2.0098	2.3523	2.3578
Sr-79	1.7236	1.1997	1.5655	1.7394	1.7818	1.5290	1.9247	1.9957
Sr-80	1.9878	1.2953	1.7773	2.0053	1.8806	1.5017	2.0699	2.2066
Sr-81	1.8626	1.3658	1.7204	1.8857	2.0844	1.8688	2.2323	2.2595
Sr-82	1.4245	0.8626	1.2490	1.4355	1.1721	0.8330	1.3258	1.4783
Sr-83	2.6691	1.7056	2.3749	2.6910	2.4658	1.9302	2.7276	2.9276
Sr-85	2.3431	1.5337	2.0983	2.3631	2.2546	1.8208	2.4737	2.6215
Sr-85m	1.3956	1.0106	1.2835	1.4161	1.5223	1.3465	1.6355	1.6760
Sr-87m	1.0493	0.7486	0.9623	1.0613	1.1587	1.0255	1.2429	1.2682
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.7661	0.5523	0.7066	0.7722	0.9209	0.8441	0.9750	0.9611
Sr-92	0.9545	0.6809	0.8779	0.9608	1.1538	1.0592	1.2197	1.1987
Sr-93	2.6923	1.9385	2.4798	2.7154	3.1566	2.8652	3.3531	3.3330
Sr-94	0.9480	0.6744	0.8718	0.9538	1.1484	1.0528	1.2142	1.1915
Ta-170	1.9570	1.2494	1.7386	1.9888	1.8858	1.5171	2.0832	2.2480
Ta-172	3.8400	2.5327	3.4433	3.8966	3.9132	3.2733	4.2714	4.5064
Ta-173	3.7667	2.3546	3.3281	3.8299	3.5348	2.7834	3.9277	4.2835
Ta-174	3.4059	2.2034	3.0361	3.4618	3.3347	2.7171	3.6700	3.9359
Ta-175	4.3025	2.8322	3.8537	4.3679	4.3373	3.6083	4.7412	5.0317
Ta-176	3.9824	2.5777	3.5553	4.0372	4.0340	3.3445	4.4111	4.6582
Ta-177	1.9018	1.1848	1.6775	1.9345	1.7647	1.3809	1.9621	2.1550
Ta-178	2.0200	1.2436	1.7767	2.0549	1.8522	1.4328	2.0658	2.2782
Ta-178m	7.5019	5.1400	6.7883	7.6162	7.8279	6.6926	8.4955	8.9091
Ta-179	1.1790	0.6835	1.0225	1.2008	1.0043	0.7236	1.1433	1.2949
Ta-180	1.6812	1.0318	1.4774	1.7106	1.5320	1.1794	1.7110	1.8920
Ta-182	3.3377	2.2229	2.9998	3.3837	3.4405	2.9070	3.7467	3.9327
Ta-182m	4.6959	2.9308	4.1491	4.7793	4.3364	3.3762	4.8507	5.3118
Ta-183	4.3000	2.6857	3.7987	4.3746	3.9872	3.1149	4.4507	4.8729
Ta-184	4.9222	3.3385	4.4505	4.9936	5.1749	4.4221	5.6247	5.8624
Ta-185	2.4636	1.5269	2.1730	2.5074	2.2566	1.7437	2.5293	2.7778
Ta-186	4.1812	2.9730	3.8290	4.2380	4.6355	4.1068	4.9788	5.0836

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-146	2.1974	1.5433	2.0117	2.2140	2.5829	2.3344	2.7438	2.7237
Tb-147m	1.8014	1.2240	1.6300	1.8181	1.9952	1.7530	2.1370	2.1702
Tb-147	3.0671	2.1491	2.7977	3.0983	3.4550	3.0818	3.6919	3.7306
Tb-148m	4.8439	3.4537	4.4465	4.8935	5.5970	5.0427	5.9615	5.9781
Tb-148	2.1667	1.5180	1.9794	2.1867	2.4831	2.2210	2.6481	2.6564
Tb-149m	2.3960	1.6594	2.1798	2.4213	2.6627	2.3479	2.8532	2.8970
Tb-149	2.9014	2.0338	2.6460	2.9348	3.2233	2.8534	3.4528	3.5139
Tb-150m	5.0198	3.5785	4.6042	5.0723	5.7495	5.1634	6.1263	6.1691
Tb-150	2.6813	1.8596	2.4400	2.7066	3.0186	2.6766	3.2244	3.2591
Tb-151	4.0738	2.8477	3.7079	4.1250	4.4417	3.9050	4.7675	4.8944
Tb-151m	1.5509	0.8526	1.3297	1.5803	1.2522	0.8472	1.4490	1.6677
Tb-152m	3.7882	2.6086	3.4343	3.8397	4.0441	3.5047	4.3631	4.5219
Tb-152	2.5975	1.8116	2.3650	2.6261	2.8808	2.5460	3.0865	3.1460
Tb-153	2.9348	1.9856	2.6447	2.9750	3.0456	2.6008	3.2983	3.4460
Tb-154	3.1766	2.1765	2.8776	3.2097	3.4811	3.0523	3.7375	3.8137
Tb-155	2.9908	2.0400	2.6983	3.0316	3.1018	2.6568	3.3554	3.5086
Tb-156	4.6406	3.2133	4.2157	4.6955	5.0796	4.4612	5.4520	5.5790
Tb-156m	0.9360	0.6608	0.8516	0.9506	1.0236	0.9043	1.0852	1.1257
Tb-156n	0.5113	0.2612	0.4314	0.5218	0.3738	0.2229	0.4461	0.5323
Tb-157	0.5158	0.2722	0.4381	0.5257	0.3951	0.2514	0.4644	0.5439
Tb-158	2.6593	1.7664	2.3880	2.6929	2.7655	2.3494	2.9994	3.1244
Tb-160	2.0126	1.3991	1.8326	2.0360	2.2352	1.9730	2.3987	2.4419
Tb-161	1.5208	0.9411	1.3397	1.5422	1.4229	1.1215	1.5728	1.7111
Tb-162	2.5274	1.8038	2.3184	2.5603	2.8499	2.5443	3.0506	3.0914
Tb-163	2.0412	1.4852	1.8826	2.0661	2.3549	2.1305	2.5095	2.5308
Tb-164	4.1309	2.9286	3.7837	4.1785	4.6821	4.1794	5.0067	5.0585
Tb-165	1.0063	0.6744	0.9084	1.0177	1.0924	0.9445	1.1794	1.2090
Tc-101	1.1041	0.8275	1.0261	1.1165	1.2958	1.1890	1.3780	1.3827
Tc-102m	2.3679	1.7147	2.1851	2.3877	2.8399	2.6016	3.0056	2.9701
Tc-102	0.1104	0.0807	0.1021	0.1115	0.1318	0.1208	0.1395	0.1384
Tc-104	2.3235	1.6980	2.1484	2.3450	2.7728	2.5404	2.9394	2.9164
Tc-105	2.1143	1.5574	1.9543	2.1376	2.4300	2.2096	2.5872	2.5979
Tc-91	0.9003	0.6364	0.8256	0.9056	1.0692	0.9704	1.1337	1.1175
Tc-91m	0.6591	0.4778	0.6081	0.6650	0.7758	0.7074	0.8228	0.8179
Tc-92	4.1927	3.0710	3.8770	4.2333	4.9048	4.4725	5.2168	5.1960
Tc-93	2.0038	1.3637	1.8148	2.0141	2.1646	1.8927	2.3236	2.3498
Tc-93m	1.2967	0.9145	1.1852	1.3076	1.4464	1.2874	1.5462	1.5604
Tc-94	3.9705	2.7937	3.6338	3.9989	4.5145	4.0395	4.8176	4.8136
Tc-94m	1.4318	1.0051	1.3099	1.4415	1.6399	1.4707	1.7485	1.7415
Tc-95	2.1176	1.4490	1.9203	2.1305	2.2605	1.9662	2.4331	2.4709

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-95m	2.6401	1.8582	2.4100	2.6634	2.8612	2.5220	3.0693	3.1165
Tc-96	3.9675	2.7835	3.6284	3.9956	4.4870	4.0044	4.7940	4.7945
Tc-96m	0.6643	0.4355	0.5942	0.6681	0.6548	0.5460	0.7131	0.7425
Tc-97	1.1512	0.7534	1.0290	1.1563	1.1113	0.9193	1.2131	1.2658
Tc-97m	0.8697	0.5709	0.7778	0.8741	0.8527	0.7106	0.9283	0.9669
Tc-98	1.8366	1.3327	1.6969	1.8518	2.2017	2.0130	2.3319	2.3039
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	1.2414	0.9401	1.1554	1.2580	1.4135	1.2951	1.5124	1.5210
Te-113	1.1058	0.7869	1.0158	1.1132	1.3173	1.2015	1.3946	1.3772
Te-114	2.7891	1.9327	2.5364	2.8073	3.0859	2.7350	3.2855	3.3351
Te-115	1.8464	1.3147	1.6949	1.8594	2.1643	1.9668	2.2925	2.2799
Te-115m	2.0944	1.4807	1.9198	2.1074	2.4575	2.2284	2.6038	2.5847
Te-116	2.1697	1.4954	1.9666	2.1801	2.3351	2.0549	2.4825	2.5444
Te-117	1.8408	1.2840	1.6798	1.8504	2.1014	1.8837	2.2295	2.2334
Te-118	1.0445	0.6975	0.9398	1.0471	1.1015	0.9555	1.1729	1.2073
Te-119	1.9820	1.3789	1.8058	1.9920	2.2259	1.9847	2.3622	2.3833
Te-119m	3.2730	2.3455	3.0055	3.2993	3.7386	3.3799	3.9702	3.9851
Te-121	2.0037	1.3980	1.8265	2.0149	2.2414	1.9986	2.3792	2.4053
Te-121m	1.8074	1.2828	1.6527	1.8266	1.9886	1.7684	2.1214	2.1635
Te-123	0.1242	0.0589	0.1033	0.1269	0.0825	0.0418	0.1017	0.1257
Te-123m	1.8053	1.2954	1.6567	1.8245	1.9873	1.7691	2.1258	2.1626
Te-125m	1.7939	1.1885	1.6102	1.7999	1.8755	1.6177	2.0043	2.0663
Te-127	0.0139	0.0102	0.0129	0.0141	0.0163	0.0149	0.0173	0.0173
Te-127m	0.6158	0.3962	0.5486	0.6191	0.6196	0.5194	0.6690	0.7006
Te-129	0.4664	0.2961	0.4144	0.4709	0.4600	0.3772	0.5027	0.5327
Te-129m	0.4749	0.3111	0.4252	0.4772	0.4902	0.4177	0.5268	0.5464
Te-131	1.4819	1.1048	1.3754	1.4993	1.7176	1.5719	1.8275	1.8286
Te-131m	2.3458	1.6955	2.1612	2.3666	2.7432	2.4964	2.9108	2.9000
Te-132	2.2489	1.6085	2.0600	2.2711	2.5067	2.2492	2.6630	2.7023
Te-133	1.6734	1.2278	1.5484	1.6894	1.9883	1.8222	2.1094	2.0991
Te-133m	2.5895	1.8672	2.3854	2.6117	3.0467	2.7753	3.2318	3.2127
Te-134	2.5290	1.8538	2.3357	2.5562	2.9284	2.6667	3.1079	3.1131
Th-223	1.9884	1.2754	1.7666	2.0147	1.8373	1.4485	2.0408	2.2105
Th-224	0.2449	0.1677	0.2217	0.2483	0.2481	0.2091	0.2707	0.2838
Th-226	0.3085	0.1886	0.2711	0.3123	0.2688	0.2013	0.3029	0.3339
Th-227	2.5642	1.5746	2.2564	2.5977	2.2696	1.7156	2.5480	2.7997
Th-228	0.3267	0.1889	0.2834	0.3308	0.2653	0.1847	0.3040	0.3431
Th-229	3.7686	2.2896	3.3054	3.8185	3.2650	2.4257	3.6841	4.0775
Th-230	1.1814	0.9066	1.1010	1.2015	1.3775	1.2790	1.4536	1.4652
Th-231	2.6040	1.5314	2.2675	2.6333	2.1805	1.5675	2.4754	2.7631

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Th-232	0.9041	0.6529	0.8317	0.9096	1.0864	0.9966	1.1476	1.1271
Th-233	0.6752	0.3919	0.5863	0.6852	0.5669	0.4050	0.6470	0.7265
Th-234	0.4575	0.2848	0.4036	0.4630	0.4092	0.3137	0.4573	0.5008
Th-235	0.1231	0.0867	0.1125	0.1244	0.1363	0.1203	0.1462	0.1488
Th-236	0.3809	0.2472	0.3397	0.3855	0.3613	0.2905	0.3992	0.4279
Ti-44	2.4040	1.7573	2.2066	2.4381	2.6411	2.3631	2.8249	2.9001
Ti-45	0.0453	0.0221	0.0378	0.0462	0.0314	0.0172	0.0382	0.0464
Ti-51	1.0409	0.7788	0.9672	1.0518	1.2278	1.1272	1.3056	1.3088
Ti-52	1.8047	1.2854	1.6494	1.8279	1.9070	1.6756	2.0710	2.1349
Tl-190	1.9201	1.3177	1.7412	1.9458	2.0486	1.7681	2.2167	2.2954
Tl-190m	4.4693	3.1240	4.0763	4.5225	4.9377	4.3434	5.3069	5.4186
Tl-194	2.3272	1.5548	2.0936	2.3600	2.3769	1.9956	2.5944	2.7290
Tl-194m	6.4513	4.3926	5.8389	6.5341	6.8305	5.8561	7.4034	7.6750
Tl-195	3.9953	2.4849	3.5284	4.0539	3.7390	2.9304	4.1652	4.5127
Tl-196	3.5139	2.3643	3.1693	3.5590	3.6798	3.1311	3.9977	4.1601
Tl-197	3.0187	1.9367	2.6842	3.0644	2.8834	2.3121	3.1929	3.4397
Tl-198	3.8885	2.6082	3.5040	3.9385	4.0602	3.4480	4.4135	4.5972
Tl-198m	4.9311	3.2435	4.4194	5.0004	4.9422	4.0875	5.4188	5.7337
Tl-199	3.0189	1.9310	2.6816	3.0668	2.8506	2.2687	3.1638	3.4250
Tl-200	3.7438	2.5071	3.3708	3.7937	3.8624	3.2624	4.2088	4.4080
Tl-201	2.8286	1.7364	2.4859	2.8751	2.5223	1.9132	2.8383	3.1369
Tl-202	2.8525	1.8700	2.5519	2.8951	2.8159	2.3124	3.0957	3.2982
Tl-204	0.0482	0.0289	0.0421	0.0490	0.0418	0.0308	0.0474	0.0529
Tl-206m	5.7088	4.0801	5.2380	5.7808	6.4208	5.7274	6.8730	6.9729
Tl-206	0.0021	0.0013	0.0018	0.0021	0.0019	0.0015	0.0021	0.0023
Tl-207	0.0026	0.0019	0.0024	0.0026	0.0031	0.0028	0.0033	0.0032
Tl-208	2.2666	1.6156	2.0807	2.2846	2.6710	2.4180	2.8349	2.8142
Tl-209	3.4166	2.4723	3.1446	3.4544	3.8959	3.5126	4.1614	4.1928
Tl-210	3.7186	2.5727	3.3850	3.7570	4.1105	3.6050	4.4219	4.4973
Tm-161	5.5188	3.6758	4.9541	5.6029	5.6451	4.7519	6.1292	6.4698
Tm-162	2.6109	1.7524	2.3520	2.6452	2.7646	2.3665	2.9866	3.1036
Tm-163	4.3579	2.9353	3.9255	4.4207	4.5572	3.8879	4.9265	5.1576
Tm-164	1.3604	0.8800	1.2121	1.3815	1.3530	1.1130	1.4782	1.5771
Tm-165	3.4923	2.3535	3.1460	3.5463	3.6208	3.0753	3.9224	4.1237
Tm-166	3.9604	2.6426	3.5629	4.0143	4.1595	3.5397	4.5054	4.6932
Tm-167	2.5923	1.6646	2.3046	2.6373	2.5109	2.0313	2.7603	2.9782
Tm-168	4.4249	3.0089	4.0003	4.4899	4.6735	4.0066	5.0568	5.2615
Tm-170	0.1641	0.0961	0.1426	0.1672	0.1407	0.1022	0.1600	0.1803
Tm-171	0.0233	0.0143	0.0205	0.0237	0.0212	0.0163	0.0237	0.0262
Tm-172	0.8864	0.5574	0.7859	0.8993	0.8691	0.7020	0.9593	1.0229

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tm-173	1.1408	0.8195	1.0483	1.1569	1.2931	1.1581	1.3823	1.4070
Tm-174	5.0490	3.5527	4.6111	5.1191	5.5505	4.8863	5.9732	6.1239
Tm-175	1.9325	1.3596	1.7669	1.9543	2.1877	1.9486	2.3391	2.3674
Tm-176	3.6532	2.5198	3.3179	3.7021	3.9668	3.4566	4.2770	4.3993
U-227	1.8860	1.2308	1.6841	1.9102	1.7908	1.4419	1.9763	2.1195
U-228	0.3416	0.2041	0.2985	0.3455	0.2894	0.2111	0.3278	0.3638
U-230	0.3866	0.2250	0.3359	0.3909	0.3168	0.2233	0.3618	0.4060
U-231	4.4909	2.7578	3.9493	4.5419	3.9423	2.9728	4.4218	4.8597
U-232	0.3677	0.2124	0.3189	0.3718	0.2983	0.2079	0.3415	0.3845
U-233	0.1959	0.1121	0.1695	0.1983	0.1571	0.1079	0.1805	0.2045
U-234	1.1324	0.8542	1.0500	1.1485	1.3297	1.2336	1.3898	1.3898
U-235	1.3574	1.0438	1.2651	1.3788	1.5814	1.4735	1.6933	1.6509
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.3048	0.1757	0.2642	0.3082	0.2465	0.1712	0.2824	0.3183
U-237	3.4644	2.2444	3.0870	3.5073	3.2797	2.6361	3.6182	3.8894
U-238	0.9680	0.7188	0.8964	0.9820	1.1521	1.0650	1.2116	1.2071
U-239	1.0429	0.7175	0.9426	1.0556	1.0637	0.9064	1.1538	1.2065
U-240	0.9631	0.5617	0.8369	0.9745	0.7986	0.5684	0.9102	1.0193
U-242	0.3164	0.2245	0.2888	0.3202	0.3406	0.2992	0.3654	0.3773
V-47	0.0183	0.0103	0.0158	0.0187	0.0155	0.0109	0.0178	0.0200
V-48	2.1372	1.4835	1.9504	2.1546	2.4876	2.2380	2.6507	2.6407
V-49	0.3489	0.1644	0.2896	0.3566	0.2295	0.1144	0.2839	0.3523
V-50	1.1910	0.7778	1.0703	1.2030	1.2828	1.0931	1.3920	1.4262
V-52	0.9176	0.6515	0.8435	0.9230	1.1128	1.0202	1.1764	1.1536
V-53	0.9785	0.7006	0.9008	0.9858	1.1805	1.0848	1.2489	1.2279
W-177	6.0466	3.9175	5.3922	6.1428	5.9130	4.8217	6.5153	6.9909
W-178	1.0370	0.5654	0.8872	1.0573	0.8176	0.5398	0.9529	1.1088
W-179	2.5435	1.4906	2.2118	2.5867	2.2044	1.6184	2.4962	2.8015
W-179m	1.5096	0.9138	1.3228	1.5363	1.3492	1.0205	1.5178	1.6878
W-181	1.5854	0.9477	1.3847	1.6136	1.3989	1.0450	1.5772	1.7639
W-185m	2.0983	1.0766	1.7724	2.1415	1.5286	0.9080	1.8288	2.1850
W-185	0.0012	0.0008	0.0011	0.0012	0.0012	0.0009	0.0013	0.0014
W-187	1.4586	1.0003	1.3219	1.4779	1.5540	1.3414	1.6816	1.7436
W-188	0.0159	0.0104	0.0142	0.0162	0.0156	0.0128	0.0172	0.0185
W-190	3.2126	2.0428	2.8505	3.2668	3.0265	2.4008	3.3643	3.6622
Xe-120	2.8944	2.0007	2.6279	2.9118	3.1541	2.7867	3.3595	3.4227
Xe-121	1.8603	1.3185	1.7018	1.8743	2.1026	1.8897	2.2355	2.2500
Xe-122	1.2927	0.8747	1.1668	1.2985	1.3806	1.2071	1.4730	1.5074
Xe-123	2.1402	1.5221	1.9590	2.1577	2.3798	2.1303	2.5363	2.5656
Xe-125	2.6510	1.8716	2.4204	2.6733	2.9242	2.6070	3.1120	3.1614

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-127	2.6333	1.8827	2.4127	2.6585	2.9284	2.6234	3.1167	3.1602
Xe-127m	2.1390	1.5534	1.9668	2.1615	2.3768	2.1427	2.5418	2.5752
Xe-129m	1.9942	1.3260	1.7908	2.0030	2.0944	1.8130	2.2413	2.3015
Xe-131m	0.8692	0.5691	0.7776	0.8736	0.8951	0.7639	0.9627	0.9962
Xe-133	1.1682	0.8186	1.0616	1.1775	1.2675	1.1244	1.3520	1.3763
Xe-133m	0.9497	0.6348	0.8542	0.9551	0.9986	0.8644	1.0700	1.1003
Xe-135	1.0745	0.8062	0.9987	1.0905	1.2491	1.1448	1.3262	1.3338
Xe-135m	0.9390	0.6748	0.8636	0.9470	1.0897	0.9881	1.1560	1.1554
Xe-137	0.3325	0.2446	0.3080	0.3362	0.3949	0.3621	0.4185	0.4168
Xe-138	1.4695	1.0202	1.3383	1.4875	1.6257	1.4281	1.7492	1.7830
Y-81	2.1923	1.5237	1.9900	2.2169	2.2284	1.9003	2.4246	2.5278
Y-83	1.6272	1.0695	1.4582	1.6379	1.5951	1.3131	1.7404	1.8233
Y-83m	1.2904	0.9097	1.1785	1.3048	1.3753	1.1986	1.4817	1.5232
Y-84m	3.1472	2.2501	2.8966	3.1716	3.7445	3.4126	3.9723	3.9238
Y-85	1.1384	0.7777	1.0319	1.1481	1.1926	1.0208	1.2889	1.3271
Y-85m	1.3100	0.8871	1.1844	1.3210	1.3578	1.1535	1.4705	1.5175
Y-86	3.9475	2.7420	3.5986	3.9773	4.4055	3.8909	4.7158	4.7529
Y-86m	1.2433	0.9256	1.1520	1.2625	1.4107	1.2780	1.5038	1.5219
Y-87	2.2577	1.4901	2.0261	2.2763	2.2024	1.8039	2.4097	2.5369
Y-87m	1.0404	0.7436	0.9545	1.0516	1.1494	1.0195	1.2324	1.2553
Y-88	3.1786	2.1280	2.8681	3.1999	3.3365	2.8388	3.6097	3.6988
Y-89m	0.9415	0.6757	0.8678	0.9489	1.1306	1.0350	1.1983	1.1797
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002
Y-90m	2.1606	1.6066	2.0034	2.1894	2.4984	2.2778	2.6548	2.6658
Y-91	0.0024	0.0017	0.0022	0.0024	0.0029	0.0027	0.0031	0.0030
Y-91m	0.9424	0.6835	0.8694	0.9510	1.1037	1.0029	1.1713	1.1675
Y-92	0.2490	0.1792	0.2296	0.2510	0.2995	0.2746	0.3171	0.3125
Y-93	0.1340	0.0989	0.1241	0.1355	0.1585	0.1452	0.1681	0.1674
Y-94	0.7337	0.5274	0.6764	0.7395	0.8836	0.8100	0.9357	0.9209
Y-95	0.5491	0.3907	0.5044	0.5524	0.6654	0.6090	0.7034	0.6896
Yb-162	2.9650	1.9919	2.6678	3.0136	3.0069	2.5256	3.2781	3.4718
Yb-163	2.3654	1.4866	2.0935	2.4042	2.2665	1.8088	2.5040	2.7089
Yb-164	1.4905	0.9465	1.3205	1.5164	1.4297	1.1472	1.5711	1.7063
Yb-165	4.1777	2.5611	3.6704	4.2522	3.8250	2.9511	4.2675	4.6990
Yb-166	2.7668	1.7694	2.4550	2.8149	2.6660	2.1497	2.9271	3.1721
Yb-167	5.6547	3.6614	5.0356	5.7515	5.4794	4.4491	6.0268	6.5044
Yb-169	5.9479	3.9422	5.3295	6.0471	5.9475	4.9427	6.4893	6.9295
Yb-175	0.2029	0.1423	0.1849	0.2059	0.2187	0.1911	0.2359	0.2446
Yb-177	0.7375	0.5177	0.6723	0.7481	0.7952	0.6957	0.8582	0.8854
Yb-178	0.1404	0.0969	0.1275	0.1424	0.1508	0.1307	0.1632	0.1693

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Yb-179	1.9923	1.4247	1.8294	2.0141	2.2832	2.0496	2.4349	2.4562
Zn-60	1.2483	0.8921	1.1452	1.2622	1.4174	1.2686	1.5132	1.5348
Zn-61	0.4338	0.3086	0.3984	0.4376	0.5112	0.4630	0.5433	0.5399
Zn-62	2.1766	1.2564	1.8892	2.2127	1.8923	1.3801	2.1528	2.3996
Zn-63	0.2435	0.1540	0.2166	0.2467	0.2456	0.2012	0.2701	0.2844
Zn-65	1.6611	0.8994	1.4221	1.6906	1.3571	0.9209	1.5743	1.7954
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.9750	0.7025	0.8975	0.9875	1.1191	1.0074	1.1948	1.2070
Zn-71	0.5071	0.3717	0.4693	0.5122	0.6027	0.5527	0.6389	0.6344
Zn-71m	2.8696	2.1127	2.6582	2.9003	3.4081	3.1241	3.6129	3.5978
Zn-72	2.9728	1.8017	2.6089	3.0261	2.6278	1.9731	2.9815	3.2999
Zr-85	0.9581	0.6924	0.8827	0.9680	1.1052	0.9990	1.1767	1.1804
Zr-86	3.7928	2.5499	3.4173	3.8227	3.7392	3.1178	4.0717	4.2590
Zr-87	0.3074	0.1991	0.2744	0.3091	0.2935	0.2381	0.3219	0.3387
Zr-88	2.2913	1.5508	2.0697	2.3109	2.3110	1.9464	2.5126	2.6166
Zr-89	1.9745	1.3268	1.7828	1.9874	2.0478	1.7435	2.2174	2.2760
Zr-89m	0.9927	0.7132	0.9135	1.0009	1.1531	1.0423	1.2252	1.2227
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8929	0.6465	0.8249	0.9003	1.0716	0.9795	1.1359	1.1205
Zr-97	1.0890	0.7877	1.0055	1.0982	1.3001	1.1872	1.3787	1.3624

Table 17: Concrete Surface Contamination for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.4646	0.3556	0.5665	0.6355	0.3271	0.3039	0.5472	0.6342
Ac-224	3.7785	3.3875	4.2228	4.3344	3.2021	3.2282	4.2770	4.5307
Ac-225	0.6765	0.5270	0.8120	0.9028	0.4746	0.4426	0.7838	0.9012
Ac-226	1.6422	1.4916	1.8266	1.8582	1.4042	1.4250	1.8517	1.9322
Ac-227	0.1645	0.1099	0.2136	0.2529	0.0983	0.0829	0.1996	0.2458
Ac-228	2.4982	2.2580	2.7553	2.7984	2.1314	2.1835	2.8184	2.8992
Ac-230	1.1154	0.9956	1.2360	1.2641	0.9351	0.9511	1.2618	1.3031
Ac-231	3.3553	3.1447	3.6543	3.6305	3.0061	3.1091	3.7646	3.8319
Ac-232	1.7282	1.5672	1.8928	1.9110	1.4847	1.5280	1.9530	1.9864
Ac-233	1.3574	1.2881	1.4647	1.4304	1.2592	1.3184	1.5453	1.5072
Ag-100m	2.4191	2.3902	2.5069	2.3497	2.3449	2.5153	2.7046	2.5357
Ag-101	2.2595	2.2110	2.3746	2.2581	2.1190	2.2348	2.4914	2.3989
Ag-102m	1.6411	1.6034	1.7110	1.6192	1.5574	1.6572	1.8339	1.7364
Ag-102	3.7780	3.7188	3.9264	3.6958	3.6222	3.8655	4.2117	3.9665
Ag-103	2.8789	2.7834	3.0346	2.9251	2.6080	2.7157	3.1353	3.0842
Ag-104	4.9889	4.8671	5.2052	4.9472	4.6695	4.9479	5.5061	5.2602
Ag-104m	2.0616	2.0098	2.1532	2.0471	1.9227	2.0300	2.2758	2.1715
Ag-105	3.1893	3.0610	3.3608	3.2601	2.8396	2.9527	3.4434	3.3966
Ag-105m	0.0583	0.0359	0.0793	0.0964	0.0342	0.0279	0.0740	0.0935
Ag-106	0.7210	0.6799	0.7617	0.7475	0.6115	0.6246	0.7677	0.7676
Ag-106m	6.0852	5.9421	6.3611	6.0423	5.7019	6.0315	6.7231	6.4202
Ag-108	0.0638	0.0610	0.0671	0.0651	0.0564	0.0585	0.0688	0.0677
Ag-108m	4.7028	4.5744	4.9273	4.7001	4.3637	4.5987	5.1694	4.9693
Ag-109m	0.6563	0.6003	0.7047	0.7086	0.5292	0.5311	0.6930	0.7189
Ag-110	0.0624	0.0615	0.0649	0.0611	0.0600	0.0641	0.0694	0.0655
Ag-110m	4.1641	4.1200	4.3189	4.0463	4.0535	4.3557	4.6613	4.3680
Ag-111	0.1166	0.1154	0.1227	0.1162	0.1124	0.1199	0.1298	0.1242
Ag-111m	0.3728	0.3319	0.4087	0.4195	0.2927	0.2904	0.3991	0.4220
Ag-112	0.9502	0.9409	0.9854	0.9222	0.9251	0.9921	1.0642	0.9950
Ag-113m	0.9110	0.8795	0.9699	0.9375	0.8483	0.8948	1.0144	0.9900
Ag-113	0.2574	0.2545	0.2705	0.2562	0.2482	0.2649	0.2865	0.2740
Ag-114	0.3977	0.3938	0.4135	0.3872	0.3868	0.4136	0.4462	0.4168
Ag-115	0.9325	0.9234	0.9777	0.9196	0.9006	0.9571	1.0425	0.9947
Ag-116	2.3573	2.3341	2.4459	2.2869	2.2955	2.4579	2.6507	2.4711
Ag-117	1.8884	1.8668	1.9704	1.8543	1.8222	1.9436	2.1111	2.0005
Ag-99	2.6361	2.5990	2.7602	2.6041	2.5250	2.6858	2.9323	2.7928
Al-26	1.3137	1.3023	1.3523	1.2558	1.2869	1.3871	1.4812	1.3727
Al-28	1.2790	1.2690	1.3155	1.2205	1.2539	1.3519	1.4414	1.3343
Al-29	1.3217	1.3098	1.3633	1.2724	1.2931	1.3887	1.4868	1.3828

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	4.0413	3.6452	4.4779	4.5827	3.4118	3.4534	4.5244	4.7644
Am-238	3.8461	3.4887	4.2269	4.2966	3.2766	3.3413	4.3060	4.4797
Am-239	5.0759	4.4525	5.7111	5.9633	4.1216	4.1027	5.7016	6.1571
Am-240	4.3277	3.8624	4.7976	4.9294	3.5967	3.6410	4.8505	5.0951
Am-241	1.4965	1.4804	1.5429	1.4801	1.4525	1.5217	1.6460	1.5221
Am-242	0.8871	0.7379	1.0202	1.0997	0.6544	0.6280	0.9907	1.1036
Am-242m	0.6555	0.5083	0.7817	0.8735	0.4377	0.4005	0.7411	0.8558
Am-243	1.5893	1.4582	1.7292	1.7476	1.3838	1.4117	1.7632	1.8219
Am-244	3.9902	3.5070	4.4549	4.6277	3.2113	3.2128	4.4498	4.7080
Am-244m	0.3462	0.2817	0.4018	0.4380	0.2451	0.2314	0.3860	0.4334
Am-245	0.5243	0.4706	0.5831	0.5989	0.4376	0.4401	0.5858	0.6199
Am-246	5.5989	4.9305	6.2619	6.5033	4.5060	4.4934	6.2420	6.6280
Am-246m	2.0677	1.9186	2.2358	2.2232	1.8225	1.8930	2.3153	2.3216
Am-247	1.8436	1.6795	2.0321	2.0663	1.5732	1.5971	2.0577	2.1533
Ar-37	0.0643	0.0363	0.0906	0.1126	0.0349	0.0267	0.0835	0.1085
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2990	1.2873	1.3402	1.2513	1.2706	1.3642	1.4605	1.3587
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.5767	1.5625	1.6313	1.5219	1.5408	1.6585	1.7726	1.6514
Ar-44	2.5282	2.5127	2.6351	2.4670	2.4618	2.6308	2.8405	2.6867
As-68	3.0879	3.0535	3.2016	2.9949	3.0092	3.2375	3.4692	3.2426
As-69	0.5790	0.5261	0.6484	0.6584	0.5130	0.5261	0.6674	0.6895
As-70	4.1204	4.0367	4.3094	4.0713	3.9748	4.2577	4.6448	4.3867
As-71	2.4640	2.0757	2.9071	3.1126	2.0091	1.9894	2.9135	3.1835
As-72	1.4014	1.3224	1.5079	1.4778	1.3007	1.3743	1.5963	1.5677
As-73	2.4761	1.4748	3.4127	4.1883	1.4136	1.1303	3.1726	4.0502
As-74	1.3602	1.1798	1.5589	1.6298	1.1524	1.1671	1.5910	1.6744
As-76	0.7896	0.7815	0.8224	0.7712	0.7673	0.8196	0.8855	0.8284
As-77	0.0447	0.0436	0.0478	0.0458	0.0424	0.0445	0.0501	0.0490
As-78	1.7835	1.7655	1.8497	1.7318	1.7372	1.8636	1.9991	1.8696
As-79	0.0811	0.0803	0.0849	0.0797	0.0787	0.0842	0.0908	0.0855
At-204	6.1901	5.8749	6.6521	6.4929	5.7153	5.9852	6.9868	6.8702
At-205	3.5790	3.2617	3.9418	3.9786	3.1448	3.2287	4.0635	4.1693
At-206	6.4230	6.1077	6.8944	6.7178	5.9419	6.2271	7.2435	7.1241
At-207	5.3064	4.9132	5.7818	5.7615	4.7560	4.9282	6.0115	6.0695
At-208	7.8663	7.3969	8.4966	8.3646	7.1755	7.4914	8.8894	8.8556
At-209	7.4079	6.8696	8.0739	8.0408	6.6446	6.8799	8.3901	8.4771
At-210	6.3813	5.9234	6.9562	6.9121	5.7280	5.9334	7.2359	7.2899
At-211	1.0565	0.8968	1.2153	1.2886	0.8494	0.8354	1.2132	1.3254
At-215	0.0007	0.0007	0.0008	0.0007	0.0007	0.0007	0.0008	0.0008

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0510	0.0448	0.0576	0.0598	0.0428	0.0429	0.0582	0.0621
At-217	0.0018	0.0016	0.0019	0.0019	0.0016	0.0016	0.0020	0.0020
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.2554	2.1813	2.4208	2.3357	2.1117	2.2138	2.5270	2.4847
Au-186	3.8161	3.5813	4.1537	4.1222	3.4856	3.6240	4.3263	4.3623
Au-187	3.5015	3.0736	3.9595	4.1255	2.9848	3.0205	4.0366	4.2636
Au-190	4.4934	4.2099	4.8707	4.8326	4.1126	4.2965	5.0929	5.0961
Au-191	4.2680	3.8035	4.7954	4.9523	3.6916	3.7514	4.8919	5.1285
Au-192	4.2467	3.9504	4.6197	4.6127	3.8580	4.0210	4.8195	4.8520
Au-193	2.9948	2.5990	3.4156	3.6003	2.5165	2.5197	3.4467	3.7064
Au-193m	2.1190	1.7986	2.4745	2.6293	1.7254	1.7058	2.4677	2.6861
Au-194	3.5532	3.2571	3.9074	3.9522	3.1742	3.2821	4.0415	4.1306
Au-195	2.8465	2.3179	3.3652	3.6813	2.2336	2.1695	3.3328	3.7365
Au-195m	2.1441	1.8203	2.5013	2.6577	1.7455	1.7269	2.4954	2.7150
Au-196	3.3198	3.0383	3.6642	3.7140	2.9565	3.0490	3.7729	3.8701
Au-196m	4.9691	4.1251	5.8490	6.3121	3.9531	3.8702	5.8200	6.4325
Au-198	1.3398	1.3156	1.4165	1.3386	1.2875	1.3651	1.5029	1.4279
Au-198m	6.6691	6.0408	7.4645	7.6331	5.8471	5.9525	7.6337	8.0352
Au-199	1.3770	1.2468	1.5439	1.5782	1.1993	1.2232	1.5766	1.6397
Au-200	0.5012	0.4920	0.5258	0.4979	0.4828	0.5149	0.5624	0.5340
Au-200m	6.8700	6.6462	7.3375	7.0704	6.4813	6.8294	7.7351	7.5269
Au-201	0.2154	0.1766	0.2551	0.2763	0.1697	0.1660	0.2541	0.2800
Au-202	0.3135	0.3086	0.3285	0.3095	0.3030	0.3231	0.3523	0.3323
Ba-124	2.3032	2.1935	2.4576	2.3972	2.0908	2.1987	2.5328	2.5204
Ba-126	2.7208	2.6100	2.8936	2.8012	2.4979	2.6331	2.9966	2.9565
Ba-127	1.3538	1.2825	1.4467	1.4183	1.2189	1.2776	1.4853	1.4914
Ba-128	1.4773	1.3792	1.5885	1.5727	1.2958	1.3539	1.6068	1.6309
Ba-129	1.5416	1.4451	1.6589	1.6382	1.3663	1.4263	1.6902	1.7115
Ba-129m	4.9554	4.7644	5.2753	5.0978	4.6020	4.8563	5.5218	5.4106
Ba-131	3.4631	3.3210	3.6861	3.5719	3.1790	3.3409	3.8196	3.7736
Ba-131m	1.7969	1.6760	1.9497	1.9458	1.6108	1.6734	1.9991	2.0649
Ba-133	3.9621	3.7761	4.2236	4.1187	3.6122	3.7991	4.3526	4.3282
Ba-133m	1.3619	1.2057	1.5274	1.5771	1.1419	1.1672	1.5280	1.6175
Ba-135m	1.1391	1.0607	1.2317	1.2239	1.0042	1.0495	1.2492	1.2725
Ba-137m	1.2639	1.2421	1.3182	1.2452	1.2153	1.2999	1.4082	1.3339
Ba-139	0.4684	0.4610	0.4970	0.4749	0.4448	0.4711	0.5218	0.5068
Ba-140	1.0621	0.9328	1.2055	1.2512	0.8949	0.9074	1.2192	1.2825
Ba-141	2.7582	2.7252	2.8999	2.7436	2.6570	2.8274	3.0809	2.9566
Ba-142	2.4828	2.4342	2.6093	2.4752	2.3745	2.5284	2.7672	2.6557

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1345	0.1332	0.1409	0.1321	0.1306	0.1388	0.1512	0.1414
Bi-197	4.0362	3.6727	4.4489	4.4948	3.5607	3.6668	4.6021	4.7121
Bi-200	7.4725	7.0539	8.0847	7.9321	6.8617	7.1602	8.4516	8.3832
Bi-201	4.0904	3.7423	4.4893	4.5161	3.6305	3.7472	4.6564	4.7441
Bi-202	6.8227	6.4508	7.3477	7.1954	6.2869	6.5874	7.7121	7.6204
Bi-203	4.8772	4.5133	5.3112	5.2937	4.3895	4.5582	5.5409	5.5850
Bi-204	6.9570	6.5391	7.5157	7.3970	6.3702	6.6662	7.8757	7.8269
Bi-205	3.8467	3.4978	4.2399	4.2836	3.3918	3.4924	4.3890	4.4897
Bi-206	7.9992	7.5254	8.6319	8.4950	7.3318	7.6660	9.0542	8.9917
Bi-207	4.2653	3.9377	4.6610	4.6555	3.8241	3.9611	4.8489	4.8920
Bi-208	2.5785	2.3059	2.8639	2.9214	2.2387	2.2945	2.9737	3.0640
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5147	1.4509	1.6351	1.5948	1.4096	1.4766	1.7015	1.6868
Bi-211	0.2382	0.2271	0.2563	0.2507	0.2212	0.2325	0.2680	0.2648
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3534	0.2831	0.4212	0.4603	0.2692	0.2615	0.4175	0.4655
Bi-213	0.4629	0.4448	0.4955	0.4781	0.4332	0.4546	0.5215	0.5070
Bi-214	1.7572	1.7341	1.8248	1.7114	1.7064	1.8294	1.9734	1.8495
Bi-215	1.1711	1.1024	1.2705	1.2544	1.0674	1.1117	1.3194	1.3236
Bi-216	1.9834	1.9455	2.0882	1.9765	1.9033	2.0189	2.2275	2.1101
Bk-245	4.1346	3.7313	4.5777	4.6861	3.4775	3.5067	4.6132	4.8716
Bk-246	4.1650	3.7140	4.6177	4.7531	3.4477	3.4787	4.6552	4.8972
Bk-247	1.9012	1.7900	2.0554	2.0355	1.7099	1.7627	2.1145	2.1577
Bk-248m	0.9922	0.8667	1.1138	1.1653	0.7905	0.7827	1.1051	1.1899
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7314	1.6255	1.8581	1.8274	1.5499	1.6232	1.9354	1.9142
Bk-251	2.2551	1.9890	2.5271	2.6303	1.8302	1.8228	2.5196	2.6953
Br-72	2.5894	2.5231	2.7176	2.5819	2.4796	2.6477	2.9189	2.7750
Br-73	1.7161	1.6284	1.8381	1.8068	1.5860	1.6614	1.9255	1.9100
Br-74	2.9293	2.8570	3.0704	2.9116	2.8082	2.9981	3.3082	3.1419
Br-74m	3.5895	3.5041	3.7590	3.5647	3.4428	3.6768	4.0419	3.8335
Br-75	2.1354	2.0031	2.3364	2.3144	1.9403	2.0205	2.4202	2.4307
Br-76	2.9049	2.6967	3.1589	3.1290	2.6273	2.7424	3.3221	3.2973
Br-76m	2.3911	1.8782	2.8442	3.1463	1.7094	1.6303	2.7709	3.1514
Br-77	2.1949	1.7710	2.6221	2.8546	1.6730	1.6142	2.5889	2.8870
Br-77m	1.0938	0.8101	1.3470	1.5236	0.7276	0.6582	1.2918	1.5240
Br-78	0.2634	0.2304	0.2984	0.3093	0.2216	0.2247	0.3046	0.3187
Br-80	0.1761	0.1498	0.2029	0.2140	0.1434	0.1435	0.2050	0.2190
Br-80m	2.1971	1.6582	2.6669	2.9878	1.4836	1.3717	2.5596	2.9867

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.9176	0.6249	1.1705	1.3645	0.5438	0.4601	1.0997	1.3401
Br-82	4.2355	4.1907	4.3986	4.1239	4.1221	4.4207	4.7452	4.4481
Br-83	0.0168	0.0166	0.0177	0.0167	0.0162	0.0172	0.0189	0.0178
Br-84m	3.9307	3.8926	4.0863	3.8208	3.8302	4.1069	4.4105	4.1248
Br-84	1.4267	1.4135	1.4737	1.3741	1.3956	1.5050	1.6051	1.4948
Br-85	0.0940	0.0931	0.0976	0.0914	0.0917	0.0986	0.1054	0.0989
C-10	1.2671	1.2531	1.3150	1.2344	1.2328	1.3237	1.4165	1.3309
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1148	0.0648	0.1617	0.2010	0.0624	0.0476	0.1492	0.1937
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1435	1.1329	1.1813	1.1038	1.1175	1.1992	1.2852	1.1969
Ca-49	1.2464	1.2365	1.2763	1.1821	1.2280	1.3342	1.4124	1.2988
Cd-101	3.1821	3.1021	3.3208	3.1678	2.9737	3.1404	3.5014	3.4018
Cd-102	2.8730	2.7671	3.0235	2.9114	2.5934	2.7052	3.1274	3.0545
Cd-103	2.7607	2.6592	2.8871	2.7695	2.4998	2.6235	3.0097	2.9182
Cd-104	2.7607	2.6197	2.9096	2.8418	2.4010	2.4700	2.9476	2.9557
Cd-105	1.9799	1.8993	2.0747	1.9990	1.7721	1.8530	2.1476	2.0954
Cd-107	1.9225	1.7709	2.0484	2.0464	1.5489	1.5575	2.0116	2.0734
Cd-109	1.7998	1.6544	1.9203	1.9213	1.4456	1.4517	1.8838	1.9442
Cd-111m	2.5091	2.4441	2.6689	2.5572	2.3176	2.4215	2.7536	2.7009
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0012	0.0011	0.0013	0.0013	0.0010	0.0011	0.0013	0.0013
Cd-115	0.5569	0.5480	0.5836	0.5508	0.5319	0.5638	0.6207	0.5866
Cd-115m	0.0442	0.0438	0.0458	0.0429	0.0431	0.0464	0.0496	0.0464
Cd-117	1.8852	1.8625	1.9683	1.8524	1.8204	1.9436	2.1036	1.9922
Cd-117m	2.1093	2.0897	2.1830	2.0374	2.0591	2.2141	2.3704	2.2114
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.2418	2.2186	2.3339	2.1917	2.1744	2.3290	2.5081	2.3651
Cd-119m	2.5110	2.4857	2.6009	2.4305	2.4459	2.6276	2.8178	2.6358
Ce-130	3.4276	3.2773	3.6563	3.5590	3.1489	3.3160	3.7903	3.7762
Ce-131	3.5769	3.4220	3.8201	3.7077	3.3090	3.4882	3.9920	3.9275
Ce-132	3.1929	3.0747	3.4095	3.3080	2.9486	3.1048	3.5366	3.5190
Ce-133	3.0791	2.9107	3.2878	3.2357	2.7856	2.9242	3.3784	3.4340
Ce-133m	5.0135	4.8445	5.2898	5.0903	4.6914	4.9753	5.5607	5.4130
Ce-134	1.2686	1.1680	1.3728	1.3755	1.1016	1.1515	1.3867	1.4313
Ce-135	3.6921	3.5573	3.9214	3.7872	3.4334	3.6330	4.0901	4.0163
Ce-137	1.4905	1.3097	1.6702	1.7327	1.2377	1.2666	1.6663	1.7794
Ce-137m	1.1208	1.0379	1.2144	1.2123	0.9867	1.0322	1.2342	1.2704
Ce-139	2.6591	2.5382	2.8519	2.7891	2.4266	2.5532	2.9425	2.9405

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.0655	1.0397	1.1309	1.0866	1.0045	1.0614	1.1850	1.1617
Ce-143	2.0786	1.9896	2.2081	2.1529	1.9171	2.0319	2.2934	2.2818
Ce-144	0.3489	0.3353	0.3717	0.3610	0.3235	0.3403	0.3869	0.3862
Ce-145	3.1872	3.0555	3.3718	3.2706	2.9545	3.1353	3.5254	3.4812
Cf-244	0.2342	0.1864	0.2747	0.3031	0.1596	0.1479	0.2611	0.2975
Cf-246	0.1608	0.1281	0.1884	0.2078	0.1097	0.1017	0.1792	0.2040
Cf-247	3.3416	2.8514	3.8060	4.0434	2.5832	2.5237	3.7416	4.0957
Cf-248	0.1924	0.1535	0.2254	0.2484	0.1315	0.1220	0.2144	0.2439
Cf-249	1.8020	1.6765	1.9623	1.9527	1.5883	1.6395	2.0125	2.0302
Cf-250	0.1612	0.1313	0.1870	0.2037	0.1142	0.1079	0.1797	0.2014
Cf-251	2.5110	2.2373	2.8003	2.8931	2.0681	2.0710	2.8054	2.9852
Cf-252	0.8102	0.7736	0.8630	0.8385	0.7437	0.7812	0.9059	0.8867
Cf-253	0.5123	0.4076	0.6028	0.6667	0.3539	0.3302	0.5736	0.6532
Cf-254	24.4194	24.1666	25.4350	23.8861	23.6838	25.3304	27.3244	25.7883
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001
Cl-34m	1.5471	1.5354	1.6099	1.5078	1.5075	1.6138	1.7404	1.6375
Cl-36	0.0009	0.0005	0.0013	0.0016	0.0005	0.0004	0.0012	0.0015
Cl-38	0.9461	0.9389	0.9727	0.9021	0.9283	1.0010	1.0679	0.9880
Cl-39	1.9447	1.9298	2.0274	1.8967	1.8952	2.0242	2.1798	2.0508
Cl-40	2.4932	2.4727	2.5654	2.3845	2.4454	2.6371	2.8119	2.6038
Cm-238	2.0480	1.8259	2.2773	2.3531	1.6939	1.6980	2.2864	2.4455
Cm-239	4.0143	3.7076	4.4003	4.4320	3.4906	3.5629	4.4894	4.6639
Cm-240	0.2659	0.2082	0.3143	0.3493	0.1776	0.1630	0.2982	0.3424
Cm-241	4.7748	4.2131	5.3517	5.5520	3.9084	3.9088	5.3683	5.7046
Cm-242	0.2387	0.1869	0.2822	0.3136	0.1594	0.1463	0.2677	0.3074
Cm-243	2.5362	2.1943	2.8826	3.0355	2.0291	2.0071	2.8646	3.1141
Cm-244	0.2049	0.1604	0.2423	0.2693	0.1368	0.1255	0.2299	0.2640
Cm-245	2.7000	2.3741	3.0294	3.1587	2.1933	2.1849	3.0264	3.2645
Cm-246	0.1686	0.1331	0.1986	0.2198	0.1142	0.1056	0.1891	0.2159
Cm-247	1.1495	1.1281	1.2158	1.1510	1.0999	1.1651	1.2857	1.2282
Cm-248	2.0568	2.0038	2.1640	2.0635	1.9485	2.0684	2.3019	2.2078
Cm-249	0.2503	0.1646	0.3321	0.3955	0.1586	0.1368	0.3144	0.3870
Cm-250	19.2920	19.0859	20.0984	18.8808	18.7025	19.9999	21.5880	20.3806
Cm-251	0.5101	0.4739	0.5547	0.5532	0.4496	0.4631	0.5711	0.5775
Co-54m	3.8942	3.8575	4.0471	3.7815	3.7968	4.0697	4.3726	4.0845
Co-55	1.8180	1.7534	1.9278	1.8505	1.7254	1.8359	2.0603	1.9781
Co-56	3.6390	3.4465	3.8982	3.8008	3.3969	3.5957	4.1554	4.0499
Co-57	2.5691	2.1535	3.0187	3.2383	2.0752	2.0375	3.0179	3.3257
Co-58	1.6689	1.4843	1.8746	1.9268	1.4579	1.5026	1.9380	2.0035

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.4604	0.2600	0.6480	0.8053	0.2503	0.1911	0.5979	0.7760
Co-60	2.6358	2.6121	2.7219	2.5407	2.5774	2.7704	2.9631	2.7573
Co-60m	0.5381	0.3174	0.7450	0.9167	0.3061	0.2432	0.6920	0.8863
Co-61	1.3468	1.3002	1.4138	1.3835	1.2736	1.3356	1.4837	1.4703
Co-62	1.5277	1.5143	1.5780	1.4713	1.4946	1.6087	1.7192	1.5990
Co-62m	2.7143	2.6902	2.8044	2.6154	2.6546	2.8568	3.0529	2.8409
Cr-48	3.2344	3.0911	3.4872	3.4230	3.0199	3.1648	3.6465	3.6666
Cr-49	1.5701	1.5419	1.6524	1.5871	1.5071	1.5880	1.7426	1.7191
Cr-51	0.3995	0.2845	0.5125	0.5943	0.2760	0.2523	0.4932	0.5872
Cr-55	0.0006	0.0006	0.0006	0.0005	0.0006	0.0006	0.0006	0.0006
Cr-56	2.3461	2.1946	2.5312	2.5077	2.1003	2.1644	2.5901	2.6430
Cs-121	1.1911	1.1656	1.2582	1.2003	1.1250	1.1907	1.3205	1.2787
Cs-121m	2.2178	2.1679	2.3487	2.2442	2.0912	2.2086	2.4639	2.4019
Cs-123	1.8659	1.7996	1.9691	1.9003	1.7267	1.8213	2.0482	2.0212
Cs-124	0.6000	0.5870	0.6303	0.5994	0.5698	0.6072	0.6660	0.6381
Cs-125	1.6154	1.5480	1.7101	1.6541	1.4764	1.5550	1.7720	1.7413
Cs-126	1.0268	1.0014	1.0821	1.0290	0.9694	1.0289	1.1386	1.0923
Cs-127	2.5775	2.4716	2.7359	2.6434	2.3561	2.4792	2.8271	2.7776
Cs-128	0.8263	0.7938	0.8753	0.8434	0.7585	0.7995	0.9085	0.8863
Cs-129	2.6172	2.4835	2.7859	2.7164	2.3457	2.4632	2.8494	2.8337
Cs-130m	2.3128	2.1421	2.5057	2.5039	2.0354	2.1133	2.5462	2.6044
Cs-130	0.7626	0.7125	0.8153	0.8046	0.6641	0.6931	0.8234	0.8319
Cs-131	1.2256	1.1365	1.3150	1.3059	1.0529	1.0952	1.3183	1.3444
Cs-132	2.5298	2.4277	2.6690	2.5753	2.3214	2.4555	2.7747	2.7104
Cs-134	2.8447	2.8132	2.9562	2.7751	2.7655	2.9644	3.1828	2.9880
Cs-134m	0.9566	0.8151	1.1011	1.1660	0.7723	0.7718	1.0921	1.1875
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.5497	2.5169	2.6455	2.4867	2.4776	2.6647	2.8521	2.6860
Cs-136	4.0414	3.9886	4.2160	3.9744	3.9115	4.1921	4.5179	4.2804
Cs-137	1.5669	1.5884	1.6422	1.5442	1.5248	1.6276	1.7866	1.6760
Cs-138m	1.5596	1.4823	1.6679	1.6277	1.4205	1.4917	1.7287	1.7170
Cs-138	2.5858	2.5617	2.6805	2.5029	2.5225	2.7073	2.9068	2.7111
Cs-139	0.2635	0.2612	0.2720	0.2536	0.2577	0.2771	0.2965	0.2757
Cs-140	1.7373	1.7212	1.7979	1.6783	1.6959	1.8223	1.9522	1.8187
Cu-57	0.1359	0.1343	0.1410	0.1319	0.1325	0.1426	0.1529	0.1428
Cu-59	0.6622	0.6509	0.6923	0.6537	0.6403	0.6849	0.7447	0.7032
Cu-60	2.6313	2.5869	2.7329	2.5686	2.5533	2.7395	2.9693	2.7838
Cu-61	0.7495	0.6368	0.8725	0.9272	0.6216	0.6227	0.8805	0.9480
Cu-62	0.0216	0.0155	0.0275	0.0317	0.0151	0.0139	0.0267	0.0315
Cu-64	0.2816	0.1615	0.3941	0.4879	0.1556	0.1206	0.3647	0.4709

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1285	0.1274	0.1333	0.1244	0.1255	0.1354	0.1444	0.1346
Cu-67	1.2759	1.2137	1.3895	1.3700	1.1805	1.2260	1.4467	1.4708
Cu-69	0.7636	0.7562	0.7926	0.7412	0.7446	0.8010	0.8569	0.8009
Dy-148	2.6214	2.4834	2.8020	2.7637	2.4158	2.5591	2.9374	2.9057
Dy-149	4.1367	3.9311	4.4106	4.3392	3.8309	4.0623	4.6383	4.5975
Dy-150	1.7272	1.6359	1.8572	1.8311	1.5893	1.6780	1.9368	1.9213
Dy-151	3.8763	3.6418	4.1827	4.1479	3.5468	3.7376	4.3782	4.3563
Dy-152	2.7390	2.5997	2.9614	2.9256	2.5176	2.6466	3.0659	3.0715
Dy-153	5.1167	4.8073	5.5168	5.4983	4.6642	4.9131	5.7391	5.7783
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.4266	3.2585	3.6819	3.6287	3.1609	3.3325	3.8425	3.8370
Dy-157	2.8098	2.6574	3.0182	2.9972	2.5790	2.7322	3.1445	3.1426
Dy-159	1.6875	1.5273	1.8529	1.9120	1.4716	1.5398	1.8970	1.9724
Dy-165m	0.4814	0.3625	0.5974	0.6797	0.3506	0.3317	0.5817	0.6771
Dy-165	0.2742	0.2553	0.2973	0.3003	0.2481	0.2602	0.3084	0.3134
Dy-166	1.3253	1.1654	1.4924	1.5716	1.1287	1.1574	1.5161	1.6040
Dy-167	2.2338	2.1549	2.3852	2.3164	2.1011	2.2221	2.5071	2.4462
Dy-168	2.2288	2.1120	2.4089	2.3801	2.0534	2.1545	2.5185	2.5065
Er-154	2.0688	1.8200	2.3161	2.4300	1.7288	1.7716	2.3306	2.4614
Er-156	2.6396	2.1951	3.0789	3.3439	2.1093	2.1120	3.0644	3.3691
Er-159	3.2173	3.0333	3.4642	3.4410	2.9541	3.1151	3.6273	3.6030
Er-161	3.4326	3.2039	3.7174	3.7248	3.1221	3.2860	3.8818	3.8910
Er-163	1.4233	1.2767	1.5758	1.6447	1.2336	1.2845	1.6125	1.6752
Er-165	1.3789	1.2331	1.5301	1.6003	1.1914	1.2389	1.5641	1.6288
Er-167m	1.1126	1.0224	1.2373	1.2576	0.9905	1.0202	1.2732	1.3195
Er-169	0.0133	0.0075	0.0187	0.0232	0.0072	0.0055	0.0173	0.0224
Er-171	2.8466	2.6959	3.0764	3.0558	2.6271	2.7628	3.2082	3.2072
Er-172	2.5809	2.4240	2.7914	2.7855	2.3633	2.4831	2.9151	2.8932
Er-173	4.3274	4.1353	4.6567	4.5774	4.0273	4.2277	4.8858	4.8727
Es-249	3.4828	3.1891	3.8180	3.8609	2.9894	3.0471	3.8793	4.0122
Es-250	10.6147	9.3952	11.8318	12.2616	8.6346	8.6442	11.8157	12.5267
Es-250m	3.1080	2.8267	3.4117	3.4659	2.6377	2.6816	3.4601	3.5948
Es-251	2.9589	2.5610	3.3464	3.5264	2.3342	2.3000	3.3084	3.5850
Es-253	0.0629	0.0498	0.0743	0.0823	0.0431	0.0400	0.0708	0.0809
Es-254	2.2410	1.7115	2.7028	3.0454	1.4918	1.3595	2.5601	2.9789
Es-254m	1.6771	1.5316	1.8294	1.8460	1.4323	1.4683	1.8624	1.8997
Es-255	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0010
Es-256	0.3125	0.2568	0.3602	0.3910	0.2225	0.2112	0.3444	0.3848
Eu-142	0.3554	0.3448	0.3722	0.3558	0.3376	0.3613	0.3976	0.3835
Eu-142m	4.6446	4.4987	4.9079	4.6984	4.4177	4.7062	5.2385	5.0239

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.7236	0.6892	0.7668	0.7470	0.6702	0.7129	0.8074	0.8017
Eu-144	0.3216	0.3064	0.3401	0.3308	0.2982	0.3176	0.3591	0.3550
Eu-145	2.8400	2.7151	3.0060	2.9184	2.6431	2.8161	3.1691	3.1270
Eu-146	4.7407	4.5998	4.9765	4.7629	4.4968	4.8039	5.2931	5.1124
Eu-147	3.0176	2.8628	3.2258	3.1678	2.7691	2.9243	3.3605	3.3955
Eu-148	5.4963	5.3438	5.7810	5.5243	5.2190	5.5613	6.1423	5.9146
Eu-149	1.5974	1.4223	1.7741	1.8314	1.3626	1.4109	1.7966	1.9146
Eu-150	5.1999	5.0476	5.4907	5.2691	4.9216	5.2408	5.8044	5.6286
Eu-150m	0.2464	0.2338	0.2632	0.2582	0.2263	0.2400	0.2741	0.2748
Eu-152	3.4808	3.3452	3.6906	3.5742	3.2575	3.4593	3.8878	3.8314
Eu-152m	0.9684	0.9241	1.0289	1.0024	0.8987	0.9547	1.0805	1.0734
Eu-152n	1.8587	1.6461	2.0949	2.1780	1.6016	1.6254	2.1280	2.2862
Eu-154	2.7984	2.7169	2.9542	2.8344	2.6600	2.8258	3.1417	3.0433
Eu-154m	2.2113	1.9038	2.5276	2.6798	1.8415	1.8547	2.5392	2.7680
Eu-155	1.2970	1.2246	1.3956	1.3860	1.1932	1.2465	1.4502	1.4855
Eu-156	1.6666	1.6143	1.7542	1.6809	1.5861	1.6907	1.8772	1.8067
Eu-157	2.3850	2.1944	2.6062	2.6383	2.1296	2.2222	2.6887	2.7506
Eu-158	2.2464	2.1554	2.3854	2.3072	2.1149	2.2485	2.5348	2.4630
Eu-159	2.7164	2.5454	2.9203	2.9173	2.4652	2.5930	3.0298	3.0720
F-17	0.0004	0.0004	0.0005	0.0004	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7761	1.6958	1.9387	1.9064	1.6431	1.7144	2.0187	2.0162
Fe-53	0.5911	0.5805	0.6249	0.5921	0.5683	0.6044	0.6627	0.6316
Fe-53m	3.7621	3.7258	3.8958	3.6413	3.6715	3.9495	4.2219	3.9418
Fe-55	0.3816	0.2153	0.5372	0.6678	0.2073	0.1582	0.4956	0.6435
Fe-59	1.3979	1.3855	1.4471	1.3518	1.3655	1.4677	1.5709	1.4662
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.8850	1.8679	1.9583	1.8339	1.8377	1.9738	2.1148	1.9851
Fe-62	1.2791	1.2668	1.3379	1.2551	1.2419	1.3202	1.4387	1.3432
Fm-251	2.6209	2.3033	2.9515	3.0783	2.1403	2.1340	2.9487	3.1555
Fm-252	0.1650	0.1342	0.1912	0.2087	0.1155	0.1086	0.1824	0.2052
Fm-253	2.5048	2.1234	2.8609	3.0540	1.9088	1.8567	2.7958	3.0669
Fm-254	0.1765	0.1453	0.2033	0.2204	0.1262	0.1199	0.1952	0.2176
Fm-255	1.8013	1.4193	2.1298	2.3662	1.2269	1.1358	2.0233	2.3165
Fm-256	18.1810	17.9859	18.9424	17.7954	17.6211	18.8424	20.3418	19.2077
Fm-257	2.8716	2.5330	3.2155	3.3445	2.3218	2.3107	3.1990	3.4186
Fr-212	3.9621	3.5778	4.3986	4.4745	3.4189	3.4837	4.5042	4.6784
Fr-219	0.0178	0.0169	0.0191	0.0187	0.0164	0.0171	0.0200	0.0198
Fr-220	0.3780	0.3010	0.4500	0.4943	0.2776	0.2637	0.4393	0.4982
Fr-221	0.2817	0.2645	0.3085	0.3057	0.2536	0.2609	0.3181	0.3253

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.9849	1.7688	2.2294	2.2977	1.6561	1.6628	2.2496	2.3923
Fr-223	1.6257	1.4064	1.8351	1.9421	1.3057	1.3096	1.8352	1.9617
Fr-224	1.9355	1.8037	2.1109	2.0993	1.7252	1.7810	2.1838	2.2166
Fr-227	3.1359	2.9027	3.4190	3.4279	2.7824	2.8622	3.5216	3.6164
Ga-64	1.9186	1.8928	1.9889	1.8616	1.8690	2.0132	2.1634	2.0212
Ga-65	1.9439	1.7411	2.1874	2.2572	1.6985	1.7302	2.2400	2.3623
Ga-66	1.6198	1.4453	1.8121	1.8509	1.4235	1.4724	1.8912	1.9352
Ga-67	2.4557	1.9532	2.9815	3.2965	1.8994	1.8290	2.9405	3.3501
Ga-68	0.1416	0.1005	0.1815	0.2100	0.0979	0.0896	0.1755	0.2080
Ga-70	0.0173	0.0156	0.0195	0.0199	0.0152	0.0157	0.0201	0.0207
Ga-72	2.8723	2.8411	2.9740	2.7822	2.8018	3.0144	3.2266	3.0179
Ga-73	2.8070	2.2551	3.3841	3.7211	2.1881	2.1347	3.3480	3.7474
Ga-74	3.1817	3.1521	3.2947	3.0762	3.1053	3.3337	3.5766	3.3328
Gd-142	1.6069	1.5421	1.7081	1.6607	1.4986	1.5900	1.7956	1.7717
Gd-143m	4.1139	3.9694	4.3659	4.2202	3.8655	4.1052	4.5952	4.5048
Gd-144	1.1612	1.0931	1.2421	1.2278	1.0600	1.1235	1.2974	1.3034
Gd-145m	1.6467	1.5138	1.8057	1.8132	1.4773	1.5411	1.8771	1.8971
Gd-145	2.4341	2.3434	2.5599	2.4653	2.2923	2.4503	2.7305	2.6500
Gd-146	5.2315	4.9446	5.6161	5.5616	4.7793	5.0328	5.8280	5.9268
Gd-147	4.8998	4.7343	5.2009	5.0201	4.6078	4.8910	5.4742	5.3667
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.8003	3.6273	4.0621	3.9812	3.5140	3.7211	4.2392	4.2245
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.8831	1.6713	2.1038	2.1833	1.6031	1.6535	2.1307	2.2670
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.8817	2.6897	3.1032	3.1082	2.5988	2.7327	3.2039	3.3146
Gd-159	0.5253	0.4920	0.5667	0.5673	0.4768	0.5031	0.5881	0.5921
Gd-162	1.4878	1.4256	1.6004	1.5488	1.3934	1.4659	1.6821	1.6381
Ge-66	3.1522	2.6725	3.6723	3.9152	2.5934	2.5933	3.6896	4.0057
Ge-67	1.8177	1.7746	1.9422	1.8669	1.7257	1.8233	2.0497	1.9927
Ge-68	0.9382	0.5306	1.3195	1.6389	0.5102	0.3898	1.2175	1.5796
Ge-69	1.6967	1.3688	2.0307	2.2157	1.3383	1.3146	2.0330	2.2450
Ge-71	0.9516	0.5382	1.3383	1.6623	0.5174	0.3954	1.2348	1.6021
Ge-75	0.1912	0.1893	0.2032	0.1923	0.1843	0.1947	0.2133	0.2061
Ge-77	3.2674	3.2283	3.4501	3.2602	3.1514	3.3415	3.6604	3.5153
Ge-78	1.4203	1.4082	1.5035	1.4224	1.3723	1.4572	1.5823	1.5211
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9653	1.8274	2.1429	2.1661	1.7795	1.8635	2.2216	2.2461
Hf-169	2.8721	2.6624	3.1348	3.1627	2.5960	2.7039	3.2604	3.2763
Hf-170	4.1413	3.7205	4.6275	4.7905	3.6179	3.7181	4.7432	4.9321

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	3.7057	3.1375	4.2761	4.6051	3.0181	3.0175	4.2787	4.6479
Hf-173	4.7093	4.4022	5.1301	5.1524	4.2863	4.4639	5.3255	5.3904
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	3.0738	2.8218	3.3781	3.4456	2.7481	2.8610	3.4874	3.5559
Hf-177m	15.9843	15.0851	17.3932	17.2689	14.6877	15.3343	18.0810	18.1857
Hf-178m	11.2450	10.6561	12.1962	12.0173	10.3994	10.8592	12.7381	12.7206
Hf-179m	6.8371	6.3213	7.5346	7.6008	6.1542	6.3730	7.7885	7.9279
Hf-180m	5.8794	5.5596	6.3758	6.3118	5.4199	5.6658	6.6487	6.6516
Hf-181	2.8762	2.6999	3.1338	3.1118	2.6348	2.7407	3.2701	3.2684
Hf-182	1.6161	1.5559	1.7436	1.6990	1.5143	1.5888	1.8154	1.7948
Hf-182m	5.1919	4.8086	5.6970	5.7405	4.6877	4.8679	5.9040	5.9989
Hf-183	2.4936	2.3906	2.6513	2.5841	2.3445	2.4715	2.7981	2.7411
Hf-184	3.5612	2.8960	4.2565	4.6565	2.8055	2.7444	4.2239	4.7125
Hg-190	4.0060	3.4987	4.5669	4.7849	3.3765	3.3870	4.6174	4.9352
Hg-191m	6.0072	5.4737	6.6685	6.7587	5.3244	5.4675	6.8619	7.0508
Hg-192	3.9877	3.4534	4.5674	4.8100	3.3335	3.3351	4.5997	4.9464
Hg-193	3.9069	3.4318	4.4222	4.6033	3.3240	3.3591	4.4987	4.7621
Hg-193m	3.5661	3.2440	3.9442	3.9994	3.1578	3.2468	4.0713	4.1748
Hg-194	0.5547	0.3362	0.7546	0.9185	0.3109	0.2470	0.7002	0.8902
Hg-195	2.7047	2.2246	3.1790	3.4506	2.1385	2.0883	3.1596	3.5064
Hg-195m	3.0829	2.4103	3.7446	4.1620	2.2982	2.1833	3.6631	4.1807
Hg-197	2.5234	2.0536	2.9845	3.2579	1.9737	1.9127	2.9541	3.3059
Hg-197m	2.3162	1.8854	2.7528	2.9994	1.8046	1.7478	2.7249	3.0452
Hg-199m	2.8314	2.4722	3.2328	3.3845	2.3782	2.3884	3.2654	3.4810
Hg-203	1.4811	1.4209	1.5986	1.5578	1.3803	1.4460	1.6629	1.6483
Hg-205	0.0523	0.0494	0.0572	0.0565	0.0477	0.0492	0.0593	0.0606
Hg-206	0.7154	0.6753	0.7751	0.7663	0.6565	0.6867	0.8060	0.8072
Hg-207	3.8649	3.7474	4.0797	3.9023	3.6755	3.9115	4.3548	4.1804
Ho-150	2.0138	1.9679	2.1070	2.0067	1.9325	2.0695	2.2561	2.1493
Ho-153	2.7351	2.6182	2.9209	2.8638	2.5500	2.7017	3.0631	3.0189
Ho-153m	3.2536	3.0929	3.4996	3.4518	3.0082	3.1693	3.6568	3.6395
Ho-154m	6.2166	6.0672	6.5626	6.2768	5.9332	6.3160	6.9672	6.6741
Ho-154	3.2567	3.1711	3.4356	3.2983	3.1015	3.3095	3.6479	3.5082
Ho-155	2.9077	2.6885	3.1808	3.2149	2.6067	2.7241	3.2874	3.3525
Ho-156	4.7728	4.5977	5.0863	4.9401	4.4842	4.7480	5.3601	5.2406
Ho-157	4.3846	4.0863	4.7611	4.7903	3.9605	4.1581	4.9340	4.9920
Ho-159	4.8775	4.5677	5.2856	5.2999	4.4290	4.6458	5.4832	5.5502
Ho-160	4.9595	4.7035	5.3119	5.2295	4.5920	4.8601	5.5865	5.5200
Ho-161	2.2842	2.0249	2.5448	2.6537	1.9271	1.9811	2.5688	2.7078
Ho-162	1.8786	1.6815	2.0849	2.1684	1.6261	1.6876	2.1314	2.2260

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	3.3458	3.0100	3.7277	3.8455	2.9197	3.0189	3.8237	3.9742
Ho-163	0.0153	0.0086	0.0216	0.0268	0.0083	0.0063	0.0199	0.0258
Ho-164	1.0678	0.9494	1.1901	1.2454	0.9171	0.9497	1.2128	1.2745
Ho-164m	2.1419	1.7563	2.5197	2.7649	1.6940	1.6874	2.5050	2.7747
Ho-166	0.4168	0.3482	0.4867	0.5272	0.3386	0.3375	0.4877	0.5335
Ho-166m	5.2244	5.0175	5.5929	5.4432	4.9017	5.1735	5.8945	5.7827
Ho-167	1.9910	1.9104	2.1337	2.0867	1.8636	1.9712	2.2381	2.1984
Ho-168	1.9885	1.8846	2.1355	2.0964	1.8482	1.9503	2.2529	2.2191
Ho-168m	0.4503	0.3298	0.5655	0.6527	0.3182	0.2977	0.5471	0.6434
Ho-170	4.7449	4.5235	5.0965	4.9919	4.4227	4.6675	5.3622	5.2798
I-118m	5.5753	5.5024	5.8052	5.4584	5.3861	5.7611	6.2246	5.8573
I-118	1.9154	1.8893	1.9936	1.8742	1.8488	1.9763	2.1386	2.0111
I-119	2.2222	2.1621	2.3589	2.2569	2.0665	2.1737	2.4402	2.3829
I-120	2.4753	2.4282	2.5775	2.4305	2.3642	2.5227	2.7578	2.6043
I-120m	4.8901	4.8185	5.0933	4.7916	4.7094	5.0295	5.4581	5.1362
I-121	2.7323	2.6389	2.9016	2.7954	2.4980	2.6139	2.9915	2.9669
I-122	0.5715	0.5492	0.6022	0.5794	0.5218	0.5497	0.6249	0.6080
I-123	2.8197	2.7147	2.9946	2.8978	2.5566	2.6830	3.0747	3.0270
I-124	2.2188	2.1389	2.3308	2.2351	2.0407	2.1569	2.4314	2.3551
I-125	2.4230	2.2540	2.5845	2.5531	2.0610	2.1345	2.5782	2.6180
I-126	1.6418	1.5857	1.7303	1.6583	1.5148	1.6000	1.8003	1.7459
I-128	0.2726	0.2647	0.2876	0.2743	0.2540	0.2680	0.3007	0.2894
I-129	1.2751	1.1895	1.3615	1.3457	1.1048	1.1540	1.3698	1.3928
I-130m	0.5733	0.5235	0.6287	0.6325	0.4968	0.5123	0.6396	0.6525
I-130	4.2869	4.2411	4.4645	4.1892	4.1644	4.4545	4.7989	4.5020
I-131	1.6831	1.6748	1.7637	1.6426	1.6306	1.7294	1.8438	1.7778
I-132	3.8062	3.7651	3.9528	3.7078	3.7022	3.9721	4.2589	3.9966
I-132m	1.4819	1.3733	1.6102	1.6052	1.3066	1.3544	1.6504	1.6714
I-133	1.3518	1.3382	1.4110	1.3238	1.3124	1.3990	1.5174	1.4193
I-134m	2.6597	2.5560	2.8247	2.7336	2.4236	2.5493	2.9004	2.8660
I-134	3.9856	3.9429	4.1397	3.8796	3.8789	4.1673	4.4654	4.1904
I-135	1.7667	1.7506	1.8292	1.7083	1.7247	1.8528	1.9846	1.8518
In-103	3.0332	2.9956	3.1677	2.9840	2.9166	3.1076	3.3865	3.2264
In-105	2.8897	2.8324	3.0289	2.8743	2.7300	2.8872	3.1987	3.0761
In-106	4.8158	4.7508	5.0109	4.7087	4.6455	4.9748	5.3743	5.0602
In-106m	2.2091	2.1790	2.2906	2.1487	2.1319	2.2839	2.4662	2.3147
In-107	2.8368	2.7585	2.9807	2.8475	2.6224	2.7582	3.1181	3.0329
In-108	6.6686	6.5432	6.9582	6.5750	6.3397	6.7547	7.3967	7.0323
In-108m	2.5496	2.4887	2.6530	2.5124	2.3966	2.5484	2.8177	2.6803
In-109	3.1372	3.0314	3.3129	3.1886	2.8459	2.9675	3.4206	3.3804

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.2633	1.2453	1.3143	1.2371	1.2164	1.3005	1.4054	1.3252
In-110	6.2408	6.0967	6.5096	6.1714	5.8803	6.2584	6.8960	6.5731
In-110m	1.9043	1.8540	1.9879	1.8909	1.7776	1.8840	2.0952	2.0058
In-111	4.2142	4.0965	4.4729	4.2957	3.8579	4.0271	4.6064	4.5299
In-111m	1.2648	1.2431	1.3234	1.2494	1.2062	1.2792	1.4086	1.3296
In-112	0.5027	0.4699	0.5324	0.5243	0.4213	0.4311	0.5311	0.5360
In-112m	1.1565	1.0863	1.2282	1.2057	0.9831	1.0114	1.2274	1.2357
In-113m	1.2757	1.2372	1.3462	1.2847	1.1770	1.2381	1.3975	1.3511
In-114	0.0088	0.0083	0.0093	0.0090	0.0076	0.0078	0.0094	0.0093
In-114m	0.9544	0.8998	1.0181	0.9984	0.8281	0.8540	1.0291	1.0366
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1987	1.1513	1.2650	1.2232	1.0796	1.1328	1.2986	1.2761
In-116m	2.8575	2.8307	2.9603	2.7655	2.7883	2.9931	3.2095	2.9955
In-117	2.8569	2.8286	3.0031	2.8378	2.7446	2.9164	3.1871	3.0245
In-117m	0.8698	0.8415	0.9189	0.8861	0.7926	0.8332	0.9473	0.9275
In-118m	3.5800	3.5461	3.7096	3.4680	3.4926	3.7531	4.0176	3.7530
In-118	0.0880	0.0872	0.0910	0.0850	0.0859	0.0923	0.0989	0.0921
In-119	1.5905	1.5320	1.6765	1.6128	1.4826	1.5712	1.7690	1.7120
In-119m	0.2503	0.2312	0.2704	0.2693	0.2150	0.2215	0.2741	0.2777
In-121	1.4537	1.4390	1.5112	1.4149	1.4153	1.5230	1.6284	1.5280
In-121m	0.9550	0.9084	1.0018	0.9784	0.8428	0.8791	1.0173	1.0111
Ir-180	4.1481	3.8388	4.5538	4.5701	3.7453	3.8814	4.7204	4.7902
Ir-182	4.0879	3.7540	4.5166	4.5632	3.6589	3.7723	4.6623	4.7765
Ir-183	4.5186	4.0035	5.0844	5.2798	3.9011	3.9679	5.1942	5.4628
Ir-184	6.1159	5.6308	6.7329	6.7817	5.4955	5.6817	6.9710	7.1029
Ir-185	4.5466	3.8300	5.2824	5.6686	3.7184	3.6929	5.3031	5.7876
Ir-186	5.9033	5.4446	6.4848	6.5300	5.3131	5.5024	6.7212	6.8331
Ir-186m	3.4688	3.1727	3.8194	3.8682	3.0997	3.2052	3.9584	4.0433
Ir-187	3.1137	2.6320	3.6046	3.8657	2.5571	2.5426	3.6198	3.9423
Ir-188	4.3323	3.9711	4.7592	4.8093	3.8810	4.0178	4.9478	5.0317
Ir-189	2.3345	1.8931	2.7700	3.0451	1.8327	1.7818	2.7415	3.0756
Ir-190	6.3116	5.9148	6.8725	6.8261	5.7699	6.0033	7.1627	7.1820
Ir-190m	0.5295	0.3038	0.7397	0.9151	0.2897	0.2231	0.6833	0.8830
Ir-190n	1.8612	1.5479	2.1712	2.3563	1.4998	1.4772	2.1645	2.3927
Ir-191m	2.3256	1.8649	2.7835	3.0674	1.7979	1.7328	2.7480	3.1009
Ir-192	3.2969	3.2123	3.4964	3.3604	3.1385	3.3326	3.6953	3.5735
Ir-192m	0.6085	0.3614	0.8361	1.0239	0.3380	0.2654	0.7747	0.9910
Ir-192n	1.2752	0.7623	1.7476	2.1363	0.7127	0.5627	1.6207	2.0690
Ir-193m	0.5314	0.3086	0.7387	0.9111	0.2938	0.2286	0.6835	0.8801
Ir-194	0.2985	0.2922	0.3151	0.3014	0.2858	0.3048	0.3340	0.3214

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	6.9283	6.7511	7.3287	7.0087	6.6067	7.0125	7.7819	7.4661
Ir-195	1.8297	1.5033	2.1536	2.3441	1.4486	1.4131	2.1377	2.3864
Ir-195m	2.5599	2.2959	2.8694	2.9487	2.2282	2.2731	2.9334	3.0621
Ir-196	0.5994	0.5868	0.6313	0.6010	0.5751	0.6128	0.6718	0.6423
Ir-196m	7.6065	7.3271	8.1233	7.8378	7.1637	7.5560	8.5782	8.3192
K-38	1.2655	1.2556	1.3007	1.2051	1.2426	1.3402	1.4313	1.3241
K-40	0.1462	0.1416	0.1536	0.1465	0.1397	0.1489	0.1658	0.1576
K-42	0.2401	0.2381	0.2472	0.2300	0.2351	0.2531	0.2700	0.2503
K-43	2.5870	2.5615	2.7068	2.5427	2.5101	2.6809	2.8911	2.7262
K-44	1.9721	1.9552	2.0359	1.8963	1.9304	2.0795	2.2204	2.0637
K-45	2.5026	2.4883	2.6108	2.4473	2.4358	2.6029	2.8111	2.6571
K-46	1.9492	1.9328	2.0067	1.8683	1.9105	2.0566	2.1956	2.0354
Kr-74	2.6197	2.3897	2.9049	2.9441	2.2952	2.3445	2.9771	3.0991
Kr-75	2.2368	2.1145	2.4287	2.3912	2.0348	2.1095	2.5251	2.5345
Kr-76	3.3916	2.9249	3.8737	4.0605	2.7507	2.7535	3.8899	4.1629
Kr-77	2.3597	2.2449	2.5550	2.5039	2.1653	2.2471	2.6624	2.6646
Kr-79	1.6760	1.3266	2.0048	2.1959	1.2170	1.1550	1.9596	2.2107
Kr-81	1.1065	0.7526	1.4121	1.6467	0.6541	0.5526	1.3261	1.6171
Kr-81m	1.4299	1.3281	1.5731	1.5690	1.2549	1.2841	1.6167	1.6656
Kr-83m	0.4848	0.3234	0.6261	0.7365	0.2841	0.2376	0.5864	0.7208
Kr-85	0.0056	0.0055	0.0058	0.0055	0.0054	0.0058	0.0063	0.0059
Kr-85m	1.5399	1.5008	1.6444	1.5832	1.4458	1.5218	1.7245	1.6820
Kr-87	1.0749	1.0642	1.1222	1.0491	1.0458	1.1181	1.2066	1.1311
Kr-88	2.0075	1.9550	2.1074	2.0023	1.9013	2.0187	2.2587	2.1666
Kr-89	2.2932	2.2687	2.3876	2.2382	2.2275	2.3839	2.5749	2.4238
La-128	4.3821	4.3204	4.5910	4.3319	4.2240	4.5085	4.8954	4.6425
La-129	2.1543	2.0818	2.2869	2.2060	2.0066	2.1198	2.3812	2.3430
La-130	3.2312	3.1730	3.3855	3.2042	3.0990	3.3098	3.6061	3.4275
La-131	2.8938	2.7802	3.0761	2.9805	2.6729	2.8198	3.1929	3.1595
La-132	3.0542	2.9759	3.2094	3.0531	2.8943	3.0788	3.4046	3.2552
La-132m	2.9246	2.8073	3.1214	3.0255	2.7155	2.8610	3.2613	3.2096
La-133	1.5389	1.3730	1.7096	1.7541	1.2968	1.3329	1.7134	1.8017
La-134	0.5662	0.5296	0.6071	0.5999	0.5016	0.5267	0.6191	0.6252
La-135	1.2951	1.1982	1.3970	1.3935	1.1266	1.1778	1.4100	1.4438
La-136	0.8653	0.8023	0.9320	0.9280	0.7555	0.7908	0.9427	0.9628
La-137	1.2309	1.1353	1.3301	1.3301	1.0666	1.1138	1.3403	1.3767
La-138	1.9513	1.8803	2.0530	1.9724	1.8268	1.9441	2.1725	2.1015
La-140	2.8162	2.7872	2.9223	2.7356	2.7424	2.9427	3.1617	2.9567
La-141	0.0249	0.0247	0.0257	0.0239	0.0244	0.0262	0.0280	0.0260
La-142	1.9768	1.9587	2.0421	1.9039	1.9322	2.0796	2.2235	2.0697

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.2833	0.2806	0.2932	0.2738	0.2765	0.2972	0.3182	0.2967
Lu-165	4.2550	3.9548	4.6378	4.6756	3.8516	4.0217	4.8202	4.8688
Lu-167	4.6934	4.3393	5.1253	5.1648	4.2170	4.3991	5.3206	5.3712
Lu-169m	0.3850	0.2174	0.5417	0.6731	0.2092	0.1598	0.4998	0.6487
Lu-169	4.3385	4.0077	4.7394	4.7970	3.9093	4.0845	4.9327	4.9828
Lu-170	4.0954	3.8044	4.4429	4.4542	3.7265	3.9117	4.6653	4.6564
Lu-171m	0.4120	0.2358	0.5770	0.7148	0.2270	0.1755	0.5333	0.6895
Lu-171	4.3854	3.8193	4.9700	5.2532	3.6885	3.7514	5.0408	5.3375
Lu-172	5.6865	5.2704	6.2074	6.2408	5.1513	5.3877	6.4755	6.5119
Lu-172m	0.3461	0.1954	0.4870	0.6052	0.1881	0.1436	0.4493	0.5832
Lu-173	3.6769	3.3076	4.0863	4.2519	3.2126	3.3192	4.1854	4.3421
Lu-174	1.9358	1.6656	2.2111	2.3689	1.6169	1.6416	2.2362	2.3899
Lu-174m	2.4114	1.9211	2.8898	3.2192	1.8606	1.8155	2.8536	3.2146
Lu-176	3.7645	3.5139	4.1356	4.1433	3.4189	3.5490	4.2828	4.3723
Lu-176m	0.5151	0.4089	0.6209	0.6903	0.3975	0.3839	0.6124	0.6959
Lu-177	0.4346	0.4011	0.4810	0.4867	0.3899	0.4010	0.4958	0.5142
Lu-177m	8.4790	7.9754	9.2458	9.2119	7.7602	8.0781	9.5999	9.6998
Lu-178	0.4434	0.3826	0.5080	0.5374	0.3737	0.3768	0.5162	0.5539
Lu-178m	6.8158	6.4729	7.3728	7.2673	6.3175	6.6059	7.6949	7.7079
Lu-179	0.2216	0.2169	0.2370	0.2276	0.2106	0.2208	0.2490	0.2464
Lu-180	3.3063	3.1450	3.5559	3.4785	3.0810	3.2406	3.7486	3.6932
Lu-181	2.9096	2.5932	3.2757	3.3902	2.5263	2.5856	3.3544	3.5069
Mg-27	1.3204	1.3068	1.3696	1.2824	1.2875	1.3873	1.4802	1.3873
Mg-28	2.7801	2.7333	2.8844	2.7153	2.6362	2.8180	3.0518	2.8976
Mn-50m	4.3647	4.3211	4.5171	4.2249	4.2598	4.5818	4.8983	4.5765
Mn-51	0.0158	0.0118	0.0198	0.0225	0.0115	0.0108	0.0194	0.0224
Mn-52	4.1222	3.9883	4.3481	4.1605	3.9285	4.1903	4.6632	4.4600
Mn-52m	1.3085	1.2951	1.3506	1.2607	1.2783	1.3738	1.4724	1.3695
Mn-53	0.3107	0.1753	0.4375	0.5438	0.1688	0.1288	0.4036	0.5240
Mn-54	1.5949	1.4446	1.7692	1.7935	1.4197	1.4753	1.8418	1.8754
Mn-56	1.8327	1.8142	1.8955	1.7714	1.7897	1.9281	2.0575	1.9233
Mn-57	0.9967	0.7761	1.2119	1.3492	0.7318	0.6924	1.1841	1.3536
Mn-58m	2.9142	2.8849	3.0176	2.8236	2.8436	3.0549	3.2707	3.0576
Mo-101	2.4610	2.3816	2.6073	2.5016	2.3259	2.4624	2.7744	2.6769
Mo-102	0.1605	0.1589	0.1700	0.1615	0.1533	0.1614	0.1789	0.1743
Mo-89	0.3110	0.3028	0.3246	0.3091	0.2930	0.3118	0.3463	0.3297
Mo-90	4.3561	4.1132	4.6738	4.6211	3.8120	3.9243	4.7660	4.7988
Mo-91m	1.2967	1.2722	1.3487	1.2743	1.2396	1.3236	1.4467	1.3656
Mo-91	0.0861	0.0755	0.0942	0.0986	0.0642	0.0631	0.0916	0.0973
Mo-93	1.1399	0.9790	1.2594	1.3415	0.8073	0.7755	1.2015	1.3051

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	3.7966	3.7144	3.9736	3.7741	3.5939	3.8163	4.2209	4.0271
Mo-99	0.4780	0.4671	0.5020	0.4796	0.4485	0.4742	0.5290	0.5118
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8796	0.8708	0.8988	0.8295	0.8691	0.9431	0.9954	0.9182
Na-22	1.3101	1.2982	1.3518	1.2626	1.2812	1.3754	1.4729	1.3707
Na-24	2.5496	2.5289	2.6214	2.4365	2.5024	2.6984	2.8791	2.6639
Nb-87	2.7797	2.6389	2.9919	2.9497	2.4601	2.5323	3.0709	3.1142
Nb-88m	4.8441	4.7859	5.0466	4.7328	4.6951	5.0304	5.4290	5.0956
Nb-88	6.4299	6.2515	6.7569	6.4521	6.0403	6.4058	7.1620	6.8567
Nb-89	0.7044	0.6548	0.7517	0.7470	0.6069	0.6290	0.7763	0.7731
Nb-89m	1.3828	1.3338	1.4627	1.4092	1.2766	1.3401	1.5406	1.4810
Nb-90	4.7748	4.5985	5.0324	4.8517	4.3989	4.6369	5.3169	5.1480
Nb-91	1.1643	0.9768	1.3048	1.4077	0.8024	0.7623	1.2406	1.3664
Nb-91m	1.0039	0.8646	1.1087	1.1783	0.7189	0.6936	1.0621	1.1503
Nb-92	3.7369	3.5298	3.9780	3.9048	3.3177	3.4641	4.1284	4.0608
Nb-92m	2.5286	2.3269	2.7206	2.7320	2.1319	2.1959	2.7710	2.7985
Nb-93m	0.2250	0.1869	0.2550	0.2770	0.1558	0.1473	0.2424	0.2692
Nb-94m	0.7866	0.6741	0.8711	0.9290	0.5577	0.5357	0.8316	0.9045
Nb-94	2.5445	2.5166	2.6403	2.4762	2.4770	2.6634	2.8474	2.6729
Nb-95	1.2634	1.2485	1.3102	1.2309	1.2294	1.3214	1.4129	1.3293
Nb-95m	1.1605	1.0504	1.2655	1.2967	0.9240	0.9231	1.2482	1.3052
Nb-96	4.1181	4.0749	4.2814	4.0149	4.0067	4.2958	4.6143	4.3298
Nb-97	1.2736	1.2600	1.3232	1.2416	1.2374	1.3265	1.4225	1.3352
Nb-98m	4.0255	3.9803	4.1746	3.9166	3.9159	4.2063	4.5069	4.2317
Nb-99	2.8823	2.7710	3.0616	2.9889	2.6095	2.7070	3.1624	3.1690
Nb-99m	0.9730	0.9517	1.0172	0.9668	0.9217	0.9787	1.0836	1.0383
Nd-134	3.1038	2.9974	3.3032	3.1983	2.8880	3.0541	3.4416	3.4108
Nd-135	3.5143	3.3614	3.7620	3.6646	3.2469	3.4183	3.9202	3.9163
Nd-136	3.0287	2.8414	3.2536	3.2218	2.7274	2.8666	3.3499	3.4266
Nd-137	3.1936	3.0558	3.3845	3.2856	2.9539	3.1305	3.5354	3.4999
Nd-138	1.3457	1.2463	1.4500	1.4480	1.1847	1.2453	1.4768	1.5254
Nd-139	1.2707	1.1934	1.3599	1.3408	1.1426	1.2058	1.4005	1.4186
Nd-139m	4.6713	4.5054	4.9293	4.7508	4.3745	4.6504	5.1876	5.0947
Nd-140	1.2423	1.1448	1.3415	1.3446	1.0865	1.1405	1.3626	1.4142
Nd-141	1.2625	1.1667	1.3609	1.3608	1.1081	1.1645	1.3847	1.4327
Nd-141m	1.2614	1.2395	1.3130	1.2408	1.2174	1.3060	1.4089	1.3368
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.4463	1.3770	1.5395	1.5082	1.3330	1.4061	1.6017	1.6192
Nd-149	2.4063	2.3423	2.5553	2.4568	2.2742	2.4021	2.6823	2.6453
Nd-151	2.7276	2.6754	2.8692	2.7316	2.6117	2.7728	3.0430	2.9511

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.0847	1.0226	1.1819	1.1697	0.9814	1.0211	1.2157	1.2229
Ne-19	0.0003	0.0002	0.0003	0.0003	0.0002	0.0003	0.0003	0.0003
Ne-24	1.3945	1.3811	1.4601	1.3689	1.3540	1.4410	1.5662	1.4660
Ni-56	5.0328	4.7614	5.4684	5.3811	4.6505	4.8766	5.7288	5.6717
Ni-57	1.8805	1.7331	2.0598	2.0574	1.7039	1.7743	2.1672	2.1723
Ni-59	0.5388	0.3039	0.7585	0.9428	0.2926	0.2233	0.6998	0.9085
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5978	0.5926	0.6182	0.5768	0.5842	0.6283	0.6717	0.6254
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.5592	5.0597	6.1081	6.1956	4.7754	4.8901	6.2355	6.4608
Np-233	2.1821	1.9251	2.4422	2.5405	1.7913	1.7904	2.4492	2.6440
Np-234	3.4267	3.0549	3.8005	3.9070	2.8620	2.8958	3.8570	4.0583
Np-235	0.9209	0.6827	1.1251	1.2802	0.5880	0.5244	1.0616	1.2518
Np-236	4.9979	4.2242	5.7235	6.1096	3.8167	3.7168	5.6225	6.1901
Np-236m	1.2562	1.0922	1.4163	1.4867	1.0075	0.9985	1.4107	1.5355
Np-237	1.9089	1.5565	2.2197	2.4108	1.3832	1.3202	2.1498	2.4104
Np-238	1.5969	1.4184	1.7713	1.8194	1.3157	1.3347	1.7921	1.8637
Np-239	3.2680	2.8840	3.6706	3.8183	2.6861	2.6857	3.6768	3.9509
Np-240	4.7713	4.2699	5.2872	5.4200	3.9670	4.0139	5.3430	5.5767
Np-240m	1.3354	1.1758	1.4909	1.5435	1.0830	1.0862	1.4970	1.5716
Np-241	0.8382	0.7418	0.9370	0.9728	0.6869	0.6868	0.9387	1.0076
Np-242	0.4250	0.3961	0.4573	0.4525	0.3780	0.3940	0.4768	0.4743
Np-242m	4.1713	3.6811	4.6543	4.8191	3.3908	3.4073	4.6685	4.9210
O-14	1.2538	1.2444	1.2877	1.1929	1.2323	1.3292	1.4199	1.3120
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.2746	2.2624	2.3877	2.2471	2.2063	2.3384	2.5526	2.4643
Os-180	2.6426	2.1637	3.1111	3.4039	2.0760	2.0264	3.0798	3.4302
Os-181	5.3214	4.8300	5.9045	6.0293	4.7138	4.8494	6.0814	6.2796
Os-182	3.6978	3.2527	4.1990	4.3907	3.1621	3.1993	4.2707	4.5190
Os-183	5.1966	4.6723	5.7991	5.9769	4.5540	4.6604	5.9378	6.1886
Os-183m	2.9621	2.6644	3.2912	3.3798	2.6054	2.6816	3.3953	3.5079
Os-185	2.8754	2.5901	3.1931	3.2787	2.5298	2.6016	3.2870	3.3969
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.5067	0.2893	0.7094	0.8787	0.2766	0.2125	0.6550	0.8476
Os-190m	6.0044	5.6190	6.5661	6.5145	5.4801	5.7035	6.8486	6.8528
Os-191	2.4545	1.9952	2.9147	3.1900	1.9257	1.8689	2.8883	3.2343
Os-191m	0.6672	0.4345	0.8856	1.0602	0.4171	0.3561	0.8353	1.0358
Os-193	0.7116	0.6093	0.8210	0.8711	0.5905	0.5889	0.8268	0.8928
Os-194	0.5297	0.3421	0.7037	0.8428	0.3231	0.2744	0.6614	0.8233
Os-196	0.6726	0.6142	0.7446	0.7566	0.5977	0.6131	0.7657	0.7905

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0010	0.0010	0.0010	0.0010	0.0009	0.0010	0.0011	0.0010
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.9566	0.7847	1.1131	1.2083	0.7139	0.6866	1.0889	1.2188
Pa-228	6.0082	5.3298	6.7065	6.9135	5.0025	5.0554	6.7906	7.1492
Pa-229	1.9880	1.7032	2.2632	2.3946	1.5758	1.5518	2.2490	2.4659
Pa-230	3.5105	3.0968	3.9277	4.0659	2.8969	2.9157	3.9641	4.2013
Pa-231	1.7664	1.3527	2.1319	2.3884	1.1974	1.1042	2.0371	2.3573
Pa-232	3.0093	2.7229	3.3150	3.3635	2.5593	2.6180	3.3853	3.4764
Pa-233	2.7129	2.3712	3.0565	3.1942	2.1982	2.1974	3.0557	3.2778
Pa-234	5.8933	5.3228	6.5038	6.6225	4.9991	5.0929	6.6221	6.8713
Pa-234m	0.0472	0.0428	0.0520	0.0528	0.0404	0.0413	0.0532	0.0549
Pa-235	0.1823	0.1032	0.2563	0.3182	0.0992	0.0758	0.2365	0.3067
Pa-236	2.0915	1.8958	2.2946	2.3234	1.7867	1.8310	2.3517	2.4089
Pa-237	1.2492	1.1793	1.3466	1.3205	1.1539	1.2139	1.4201	1.3961
Pb-194	4.4171	4.0125	4.8913	4.9639	3.8880	3.9823	5.0356	5.1971
Pb-195m	6.1436	5.5590	6.8251	6.9276	5.3772	5.5164	7.0162	7.2147
Pb-196	4.0593	3.6506	4.5372	4.6437	3.5270	3.5841	4.6332	4.8355
Pb-197	4.0598	3.7443	4.4432	4.4477	3.6434	3.7713	4.6147	4.6733
Pb-197m	5.4078	4.8929	6.0144	6.1113	4.7295	4.8402	6.1728	6.3728
Pb-198	3.9291	3.5258	4.3969	4.5102	3.4040	3.4625	4.4847	4.6896
Pb-199	3.5085	3.1974	3.8716	3.9167	3.1039	3.1928	3.9951	4.0974
Pb-200	3.7160	3.2406	4.2319	4.4276	3.1114	3.1141	4.2706	4.5693
Pb-201	3.9727	3.6253	4.3859	4.4424	3.5157	3.6203	4.5167	4.6411
Pb-201m	1.4659	1.3334	1.6171	1.6356	1.2902	1.3255	1.6671	1.7090
Pb-202	0.5272	0.3134	0.7241	0.8864	0.2929	0.2301	0.6709	0.8579
Pb-202m	4.4471	4.2689	4.7399	4.5727	4.1692	4.4066	5.0161	4.8625
Pb-203	3.3419	3.0001	3.7431	3.8401	2.8965	2.9436	3.8102	3.9906
Pb-204m	3.9745	3.8936	4.1719	3.9516	3.8207	4.0848	4.4607	4.2408
Pb-205	0.5337	0.3173	0.7328	0.8971	0.2964	0.2329	0.6790	0.8683
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.6643	0.4564	0.8492	0.9927	0.4095	0.3547	0.8013	0.9729
Pb-211	0.1671	0.1610	0.1778	0.1711	0.1573	0.1661	0.1880	0.1822
Pb-212	1.5830	1.4515	1.7544	1.7684	1.3960	1.4246	1.7939	1.8568
Pb-214	1.6454	1.5171	1.8110	1.8180	1.4636	1.5104	1.8641	1.9023
Pd-100	3.9787	3.7702	4.1947	4.1218	3.4332	3.5054	4.2389	4.2883
Pd-101	2.9305	2.7385	3.1067	3.0811	2.4198	2.4474	3.0943	3.1451
Pd-103	1.2095	1.1070	1.2882	1.2994	0.9405	0.9287	1.2538	1.3059
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.3417	1.3018	1.4224	1.3722	1.2163	1.2624	1.4667	1.4590

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.6610	0.6047	0.7097	0.7134	0.5332	0.5352	0.6980	0.7239
Pd-111	0.1029	0.1011	0.1072	0.1014	0.0980	0.1042	0.1140	0.1084
Pd-112	0.4986	0.4345	0.5485	0.5763	0.3644	0.3517	0.5267	0.5683
Pd-114	0.2096	0.2069	0.2215	0.2100	0.1999	0.2102	0.2328	0.2265
Pd-96	3.6101	3.5024	3.7882	3.6336	3.3205	3.4778	3.9611	3.8575
Pd-97	2.9694	2.9099	3.1100	2.9484	2.8006	2.9650	3.2895	3.1457
Pd-98	3.3150	3.1693	3.4942	3.4117	2.9241	3.0132	3.5716	3.5912
Pd-99	2.9865	2.9026	3.1444	3.0167	2.7461	2.8715	3.2768	3.1972
Pm-136	4.0831	4.0282	4.2674	4.0217	3.9495	4.2272	4.5633	4.3183
Pm-137m	5.0330	4.8967	5.3268	5.1131	4.7552	5.0370	5.6034	5.4941
Pm-139	0.9328	0.8922	0.9909	0.9617	0.8634	0.9152	1.0354	1.0248
Pm-140m	4.5198	4.4399	4.7263	4.4616	4.3523	4.6602	5.0560	4.7973
Pm-140	0.3528	0.3395	0.3724	0.3593	0.3297	0.3510	0.3925	0.3840
Pm-141	0.8709	0.8184	0.9305	0.9175	0.7866	0.8319	0.9634	0.9752
Pm-142	0.3526	0.3287	0.3781	0.3754	0.3148	0.3324	0.3892	0.3978
Pm-143	1.7402	1.6340	1.8601	1.8361	1.5713	1.6620	1.9237	1.9480
Pm-144	4.3956	4.2610	4.6258	4.4318	4.1491	4.4186	4.8934	4.7346
Pm-145	1.2965	1.1864	1.4077	1.4209	1.1307	1.1843	1.4313	1.4955
Pm-146	2.4357	2.3516	2.5735	2.4752	2.2859	2.4292	2.7120	2.6408
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7610	0.7537	0.7893	0.7380	0.7418	0.7957	0.8544	0.7971
Pm-148m	4.3676	4.3102	4.5610	4.2940	4.2272	4.5177	4.8878	4.6104
Pm-149	0.0572	0.0551	0.0615	0.0597	0.0536	0.0565	0.0642	0.0633
Pm-150	2.4365	2.4100	2.5373	2.3872	2.3674	2.5406	2.7274	2.5716
Pm-151	1.9112	1.8496	2.0311	1.9640	1.7966	1.9026	2.1305	2.1019
Pm-152m	4.2796	4.1849	4.5221	4.3131	4.0851	4.3343	4.7856	4.6423
Pm-152	0.7966	0.7716	0.8423	0.8099	0.7536	0.7991	0.8917	0.8730
Pm-153	1.2736	1.1994	1.3761	1.3608	1.1572	1.2074	1.4225	1.4479
Pm-154	2.3766	2.2968	2.5049	2.4020	2.2535	2.4011	2.6743	2.5863
Pm-154m	4.0676	3.9509	4.3001	4.1255	3.8592	4.0946	4.5588	4.4360
Po-203	4.5907	4.2029	5.0441	5.0706	4.0589	4.1813	5.2175	5.3310
Po-204	6.8251	5.9766	7.7296	8.0357	5.7321	5.7686	7.8349	8.3146
Po-205	4.3632	4.0049	4.7807	4.7958	3.8780	4.0057	4.9554	5.0445
Po-206	5.4644	4.8341	6.1432	6.3342	4.6325	4.6930	6.2575	6.5642
Po-207	3.9624	3.6416	4.3409	4.3500	3.5261	3.6440	4.4978	4.5739
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-209	0.0548	0.0413	0.0682	0.0771	0.0399	0.0373	0.0664	0.0771
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0149	0.0147	0.0155	0.0146	0.0144	0.0154	0.0167	0.0157
Po-212m	0.0589	0.0582	0.0609	0.0569	0.0575	0.0617	0.0664	0.0618

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-215	0.0005	0.0005	0.0006	0.0005	0.0005	0.0006	0.0006	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.7565	5.6705	6.0325	5.6948	5.5444	5.9190	6.4296	6.1153
Pr-134m	2.6407	2.5980	2.7661	2.6051	2.5425	2.7133	2.9548	2.7981
Pr-135	2.3558	2.2529	2.5059	2.4379	2.1677	2.2896	2.5999	2.5916
Pr-136	3.0025	2.9372	3.1456	2.9821	2.8671	3.0558	3.3553	3.1926
Pr-137	1.1038	1.0299	1.1843	1.1738	0.9795	1.0310	1.2104	1.2345
Pr-138	0.3719	0.3473	0.3986	0.3947	0.3306	0.3483	0.4079	0.4155
Pr-138m	5.1584	5.0308	5.4148	5.1624	4.9053	5.2453	5.7435	5.5271
Pr-139	1.1811	1.0927	1.2723	1.2700	1.0343	1.0856	1.2913	1.3317
Pr-140	0.6298	0.5827	0.6784	0.6772	0.5515	0.5789	0.6885	0.7101
Pr-142	0.0479	0.0476	0.0493	0.0459	0.0469	0.0506	0.0539	0.0499
Pr-142m	0.0244	0.0138	0.0344	0.0428	0.0133	0.0101	0.0318	0.0412
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0297	0.0294	0.0307	0.0287	0.0290	0.0312	0.0333	0.0311
Pr-144m	0.5839	0.5048	0.6612	0.6944	0.4799	0.4892	0.6595	0.7159
Pr-145	0.0458	0.0443	0.0481	0.0461	0.0432	0.0461	0.0509	0.0494
Pr-146	1.4168	1.4028	1.4738	1.3789	1.3793	1.4762	1.5907	1.4871
Pr-147	2.8956	2.7505	3.0855	3.0229	2.6568	2.8083	3.2091	3.2138
Pr-148	1.8412	1.8212	1.9226	1.8125	1.7856	1.9135	2.0582	1.9495
Pr-148m	2.7306	2.6996	2.8628	2.7042	2.6414	2.8222	3.0485	2.8968
Pt-184	7.6350	6.6746	8.6905	9.1144	6.4744	6.5177	8.8054	9.3952
Pt-186	3.7758	3.3549	4.2366	4.3894	3.2654	3.3239	4.3288	4.5431
Pt-187	4.7450	4.1503	5.3859	5.6477	4.0310	4.0630	5.4623	5.8309
Pt-188	3.3906	2.9117	3.9009	4.1419	2.8193	2.8112	3.9267	4.2553
Pt-189	4.4555	3.8444	5.0959	5.3906	3.7319	3.7388	5.1461	5.5383
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	4.0295	3.4663	4.6151	4.8951	3.3638	3.3622	4.6524	5.0201
Pt-193	0.5550	0.3259	0.7667	0.9421	0.3067	0.2393	0.7097	0.9109
Pt-193m	0.8845	0.6042	1.1477	1.3510	0.5765	0.5063	1.0911	1.3286
Pt-195m	3.0158	2.3387	3.6693	4.1090	2.2452	2.1264	3.5870	4.1295
Pt-197	0.8467	0.6544	1.0339	1.1547	0.6240	0.5873	1.0092	1.1616
Pt-197m	2.0149	1.5569	2.4559	2.7516	1.4895	1.4091	2.3989	2.7571
Pt-199	0.7593	0.7132	0.8267	0.8173	0.6945	0.7230	0.8631	0.8613
Pt-200	1.4002	1.1498	1.6533	1.7950	1.1048	1.0762	1.6402	1.8253
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.6263	1.4381	1.8172	1.8884	1.3360	1.3358	1.8220	1.9653
Pu-234	1.8752	1.6425	2.1065	2.2023	1.5196	1.5117	2.1037	2.2817
Pu-235	2.5508	2.2132	2.8792	3.0282	2.0379	2.0179	2.8642	3.1201
Pu-236	0.2872	0.2198	0.3439	0.3859	0.1873	0.1697	0.3254	0.3777
Pu-237	1.8497	1.5624	2.1182	2.2638	1.4227	1.3871	2.0850	2.3057
Pu-238	0.2652	0.2028	0.3177	0.3566	0.1727	0.1564	0.3005	0.3491
Pu-239	0.1481	0.1062	0.1848	0.2135	0.0928	0.0813	0.1738	0.2081
Pu-240	0.2495	0.1908	0.2987	0.3353	0.1625	0.1472	0.2826	0.3282
Pu-241	0.0001	0.0000	0.0001	0.0001	0.0000	0.0000	0.0001	0.0001
Pu-242	0.2139	0.1636	0.2562	0.2876	0.1394	0.1262	0.2423	0.2815
Pu-243	0.6948	0.6190	0.7716	0.7956	0.5778	0.5793	0.7749	0.8224
Pu-244	0.2055	0.1636	0.2417	0.2660	0.1429	0.1340	0.2325	0.2631
Pu-245	1.7659	1.6682	1.8994	1.8723	1.5962	1.6642	1.9712	1.9768
Pu-246	2.7466	2.4872	3.0283	3.0936	2.3173	2.3526	3.0571	3.2163
Ra-219	1.1506	1.0761	1.2502	1.2446	1.0375	1.0798	1.2940	1.3103
Ra-220	0.0137	0.0135	0.0144	0.0136	0.0132	0.0139	0.0154	0.0146
Ra-221	1.0163	0.8368	1.1910	1.2868	0.7735	0.7482	1.1728	1.3037
Ra-222	0.0438	0.0426	0.0464	0.0447	0.0415	0.0441	0.0489	0.0475
Ra-223	2.0144	1.7800	2.2728	2.3545	1.6967	1.7064	2.2969	2.4438
Ra-224	0.0761	0.0729	0.0826	0.0804	0.0702	0.0729	0.0854	0.0854
Ra-225	0.7709	0.6654	0.8636	0.9057	0.6106	0.6161	0.8570	0.9344
Ra-226	1.4002	1.3919	1.4590	1.3325	1.3696	1.4587	1.5684	1.4537
Ra-227	2.1298	1.7667	2.4709	2.6560	1.6114	1.5661	2.4225	2.6739
Ra-228	1.4731	1.5134	1.5300	1.4225	1.4377	1.5389	1.6471	1.5279
Ra-230	1.0223	0.9033	1.1492	1.1926	0.8547	0.8584	1.1599	1.2355
Rb-77	2.2957	2.2070	2.4338	2.3646	2.1344	2.2396	2.5548	2.5139
Rb-78m	3.3357	3.2900	3.4772	3.2679	3.2295	3.4514	3.7430	3.5245
Rb-78	2.5704	2.5126	2.6883	2.5392	2.4637	2.6294	2.8990	2.7351
Rb-79	2.8101	2.6252	3.0588	3.0273	2.5020	2.5887	3.1689	3.1850
Rb-80	0.3870	0.3780	0.4060	0.3853	0.3692	0.3930	0.4333	0.4117
Rb-81	1.4031	1.1652	1.6206	1.7226	1.0581	1.0282	1.6064	1.7495
Rb-81m	0.9863	0.7711	1.1597	1.2727	0.6539	0.6013	1.1129	1.2709
Rb-82	0.2585	0.2414	0.2780	0.2737	0.2324	0.2433	0.2914	0.2891
Rb-82m	5.1779	4.8836	5.5479	5.4189	4.7110	4.9431	5.8379	5.7341
Rb-83	2.3393	1.9970	2.6650	2.7901	1.8431	1.8225	2.6760	2.8516
Rb-84	1.7115	1.4819	1.9263	1.9972	1.3776	1.3849	1.9499	2.0580
Rb-84m	2.1708	2.0666	2.3496	2.2893	1.9691	2.0409	2.4311	2.4225
Rb-86m	1.2727	1.2555	1.3308	1.2524	1.2291	1.3084	1.4274	1.3402
Rb-86	0.1170	0.1159	0.1212	0.1131	0.1143	0.1232	0.1314	0.1225
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5206	0.5161	0.5370	0.4997	0.5096	0.5495	0.5861	0.5447
Rb-89	2.2361	2.2162	2.3127	2.1568	2.1861	2.3542	2.5149	2.3418
Rb-90	1.1828	1.1715	1.2197	1.1370	1.1585	1.2506	1.3314	1.2383
Rb-90m	2.7200	2.6875	2.8130	2.6321	2.6506	2.8545	3.0580	2.8579
Re-178	3.8246	3.4548	4.2609	4.3668	3.3725	3.4649	4.3856	4.5511
Re-179	4.6347	4.2447	5.1172	5.1911	4.1418	4.2809	5.2868	5.4024
Re-180	4.0193	3.5890	4.4931	4.6450	3.5081	3.6016	4.6172	4.8178
Re-181	4.7242	4.2303	5.2848	5.4599	4.1256	4.2302	5.4145	5.6365
Re-182	9.1663	8.3368	10.1753	10.3965	8.1251	8.3573	10.4714	10.8300
Re-182m	4.7905	4.3044	5.3276	5.4937	4.2048	4.3145	5.4789	5.7003
Re-183	3.9152	3.2953	4.5553	4.9179	3.1978	3.1814	4.5619	4.9917
Re-184	3.5970	3.2242	4.0098	4.1370	3.1505	3.2379	4.1232	4.2889
Re-184m	3.5129	3.0036	4.0576	4.3243	2.9218	2.9237	4.0873	4.4294
Re-186	0.4264	0.3721	0.4867	0.5122	0.3612	0.3633	0.4929	0.5270
Re-186m	1.7544	1.1543	2.3183	2.7680	1.1076	0.9561	2.1907	2.7066
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4612	0.4256	0.5107	0.5155	0.4129	0.4263	0.5268	0.5372
Re-188m	2.5118	2.0095	3.0059	3.3313	1.9507	1.8872	2.9677	3.3604
Re-189	0.5397	0.4812	0.6125	0.6329	0.4661	0.4719	0.6228	0.6583
Re-190	4.2229	4.1176	4.4829	4.2894	4.0227	4.2537	4.7488	4.5930
Re-190m	3.8960	3.6308	4.2621	4.2525	3.5435	3.6815	4.4341	4.4679
Rh-100m	1.8086	1.6667	1.9259	1.9323	1.4505	1.4504	1.8954	1.9588
Rh-100	4.2235	4.0816	4.4228	4.2420	3.8692	4.0665	4.6504	4.4804
Rh-101	3.8162	3.6656	4.0526	3.9453	3.4051	3.5117	4.1624	4.1690
Rh-101m	2.4320	2.3029	2.5823	2.5446	2.1033	2.1685	2.6193	2.6255
Rh-102	1.5632	1.4812	1.6561	1.6218	1.3579	1.3974	1.6921	1.6757
Rh-102m	5.2879	5.1283	5.5467	5.3094	4.8847	5.1455	5.8271	5.6055
Rh-103m	0.1659	0.1391	0.1892	0.2028	0.1206	0.1147	0.1816	0.2013
Rh-104	0.0327	0.0319	0.0343	0.0327	0.0306	0.0323	0.0362	0.0346
Rh-104m	1.9420	1.8301	2.0440	2.0373	1.6490	1.6965	2.0610	2.0728
Rh-105	0.3497	0.3457	0.3667	0.3486	0.3372	0.3613	0.3888	0.3721
Rh-106	0.4402	0.4359	0.4592	0.4306	0.4275	0.4561	0.4938	0.4618
Rh-106m	4.8826	4.8341	5.0829	4.7626	4.7487	5.0817	5.4748	5.1303
Rh-107	1.3545	1.3402	1.4236	1.3493	1.3068	1.3955	1.5073	1.4417
Rh-108	0.8414	0.8328	0.8813	0.8264	0.8157	0.8688	0.9423	0.8848
Rh-109	1.5962	1.5699	1.6803	1.6008	1.5143	1.6054	1.7663	1.7071
Rh-94	3.1336	3.1022	3.2442	3.0349	3.0537	3.2802	3.5157	3.2867
Rh-95	2.3445	2.2924	2.4406	2.3115	2.2151	2.3598	2.6045	2.4731
Rh-95m	1.3637	1.3397	1.4240	1.3455	1.2991	1.3786	1.5196	1.4350
Rh-96	5.2158	5.1282	5.4232	5.1167	4.9986	5.3421	5.8080	5.4894

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.5698	1.5097	1.6440	1.5836	1.4211	1.4913	1.7174	1.6693
Rh-97	2.1280	2.0622	2.2387	2.1437	1.9602	2.0601	2.3439	2.2611
Rh-97m	3.5447	3.4285	3.7258	3.5810	3.2369	3.3918	3.8986	3.7965
Rh-98	1.5536	1.5270	1.6167	1.5261	1.4855	1.5848	1.7276	1.6335
Rh-99	3.5222	3.3351	3.7326	3.6696	3.0559	3.1415	3.7989	3.8074
Rh-99m	2.6708	2.5422	2.8255	2.7643	2.3469	2.4330	2.8929	2.8684
Rn-207	3.3974	3.1628	3.6966	3.6740	3.0570	3.1719	3.8354	3.8694
Rn-209	3.8088	3.5361	4.1508	4.1287	3.4175	3.5390	4.3059	4.3489
Rn-210	0.2916	0.2622	0.3245	0.3308	0.2512	0.2558	0.3318	0.3447
Rn-211	4.6591	4.3451	5.0529	5.0028	4.2053	4.3745	5.2703	5.2788
Rn-212	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	0.0007	0.0007
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0016	0.0016	0.0017	0.0016	0.0016	0.0017	0.0018	0.0017
Rn-219	0.2994	0.2888	0.3217	0.3107	0.2803	0.2940	0.3358	0.3295
Rn-220	1.5679	1.6072	1.6446	1.5257	1.5222	1.6220	1.7613	1.6638
Rn-222	0.0010	0.0010	0.0011	0.0010	0.0010	0.0010	0.0011	0.0011
Rn-223	2.1020	1.7920	2.4137	2.5535	1.6874	1.6727	2.4165	2.6117
Ru-103	1.2855	1.2720	1.3449	1.2630	1.2447	1.3226	1.4436	1.3504
Ru-105	1.9471	1.9104	2.0378	1.9330	1.8480	1.9618	2.1600	2.0617
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7784	0.7702	0.8148	0.7672	0.7515	0.8002	0.8703	0.8287
Ru-108	0.7712	0.7541	0.8179	0.7861	0.7168	0.7515	0.8521	0.8331
Ru-92	7.6218	7.3278	8.0888	7.8691	6.8574	7.1275	8.3377	8.2630
Ru-94	2.5784	2.4293	2.7444	2.7074	2.2263	2.2956	2.7929	2.7895
Ru-95	3.1834	3.0456	3.3622	3.2723	2.8537	2.9848	3.4820	3.4166
Ru-97	2.7307	2.5842	2.9225	2.8841	2.3604	2.4151	2.9622	3.0040
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1647	1.1553	1.1924	1.1044	1.1475	1.2477	1.3200	1.2135
S-38	1.1078	1.0991	1.1392	1.0559	1.0867	1.1720	1.2503	1.1577
Sb-111	2.4662	2.4267	2.5942	2.4613	2.3412	2.4815	2.7367	2.6193
Sb-113	1.8995	1.8525	1.9938	1.8958	1.7805	1.8817	2.0986	2.0063
Sb-114	2.2857	2.2489	2.3698	2.2284	2.1969	2.3508	2.5491	2.3990
Sb-115	2.1360	2.0660	2.2477	2.1491	1.9634	2.0630	2.3426	2.2565
Sb-116	2.2642	2.2084	2.3549	2.2291	2.1324	2.2699	2.5043	2.3812
Sb-116m	6.4999	6.3409	6.7998	6.4591	6.1099	6.4798	7.1764	6.8920
Sb-117	2.7661	2.6669	2.9307	2.8290	2.4961	2.6133	3.0024	2.9497
Sb-118	0.3791	0.3558	0.4012	0.3922	0.3247	0.3361	0.4027	0.4031
Sb-118m	6.6277	6.4433	6.9502	6.6189	6.1547	6.5145	7.2609	7.0195

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.5304	1.4015	1.6451	1.6423	1.2582	1.2822	1.6216	1.6667
Sb-120	0.7447	0.6940	0.7905	0.7772	0.6262	0.6447	0.7851	0.7936
Sb-120m	6.8726	6.7173	7.2029	6.8504	6.4685	6.8421	7.5836	7.3637
Sb-122m	2.4462	2.2999	2.6002	2.5750	2.1652	2.2477	2.6457	2.6688
Sb-122	1.0053	0.9934	1.0487	0.9853	0.9721	1.0365	1.1245	1.0550
Sb-124	2.4167	2.3935	2.5051	2.3423	2.3544	2.5256	2.7088	2.5292
Sb-124m	1.0279	0.9889	1.0958	1.0568	0.9693	1.0241	1.1630	1.1207
Sb-124n	0.0853	0.0481	0.1200	0.1492	0.0463	0.0354	0.1107	0.1438
Sb-125	2.0288	1.9591	2.1395	2.0523	1.8660	1.9673	2.2218	2.1598
Sb-126	5.5629	5.5027	5.7940	5.4374	5.4027	5.7851	6.2185	5.8465
Sb-126m	3.3615	3.3202	3.5102	3.2982	3.2581	3.4826	3.7597	3.5397
Sb-127	1.6198	1.5990	1.6926	1.5935	1.5643	1.6688	1.8079	1.7077
Sb-128	6.1672	6.0990	6.4182	6.0374	5.9881	6.4200	6.8922	6.4953
Sb-128m	4.0100	3.9626	4.1758	3.9389	3.8895	4.1752	4.4767	4.2359
Sb-129	2.1546	2.1325	2.2371	2.0957	2.0980	2.2537	2.4148	2.2644
Sb-130m	4.6947	4.6427	4.8861	4.5913	4.5563	4.8866	5.2537	4.9615
Sb-130	6.8022	6.7271	7.0986	6.6869	6.5884	7.0529	7.6026	7.2080
Sb-131	2.7206	2.6933	2.8228	2.6412	2.6499	2.8487	3.0500	2.8559
Sb-133	2.8515	2.8255	2.9507	2.7545	2.7856	2.9973	3.2043	2.9880
Sc-42m	3.9267	3.8911	4.0741	3.8050	3.8311	4.1049	4.4114	4.1132
Sc-43	0.3215	0.3106	0.3443	0.3318	0.3038	0.3212	0.3625	0.3515
Sc-44	1.3553	1.3395	1.4051	1.3154	1.3210	1.4199	1.5247	1.4243
Sc-44m	1.3000	1.2813	1.3841	1.3155	1.2485	1.3209	1.4524	1.4042
Sc-46	2.6547	2.6290	2.7508	2.5712	2.5915	2.7919	2.9796	2.7839
Sc-47	1.1057	1.1026	1.1688	1.1062	1.0685	1.1356	1.2364	1.1805
Sc-48	4.1529	4.1166	4.3031	4.0167	4.0567	4.3691	4.6659	4.3521
Sc-49	0.0008	0.0008	0.0008	0.0007	0.0008	0.0008	0.0009	0.0008
Sc-50	3.7992	3.7659	3.9359	3.6737	3.7090	3.9809	4.2712	3.9739
Se-70	3.3644	2.6253	4.0978	4.5671	2.5100	2.4028	4.0193	4.5658
Se-71	1.5796	1.5408	1.6753	1.6035	1.5050	1.5952	1.7793	1.7159
Se-72	2.4146	1.7638	3.0225	3.4762	1.6692	1.5485	2.9125	3.4377
Se-73	2.9748	2.6999	3.3002	3.3661	2.6259	2.6977	3.3882	3.4975
Se-73m	0.4933	0.3846	0.5996	0.6655	0.3648	0.3463	0.5869	0.6687
Se-75	3.9225	3.4007	4.5328	4.7564	3.2825	3.2841	4.5673	4.8997
Se-77m	1.3665	1.1802	1.5803	1.6631	1.1211	1.1192	1.5877	1.7026
Se-79m	1.0383	0.7126	1.3348	1.5601	0.6525	0.5660	1.2640	1.5407
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0262	0.0259	0.0276	0.0261	0.0253	0.0270	0.0293	0.0279
Se-81m	1.0971	0.7710	1.3964	1.6189	0.7095	0.6263	1.3292	1.6066
Se-83m	1.3281	1.3154	1.3797	1.2904	1.2945	1.3926	1.4900	1.3948

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	4.4636	4.4200	4.6576	4.3720	4.3380	4.6387	5.0042	4.7172
Se-84	1.3493	1.3356	1.4192	1.3301	1.3080	1.3913	1.5108	1.4229
Si-31	0.0009	0.0009	0.0009	0.0009	0.0009	0.0010	0.0010	0.0010
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4053	2.3431	2.5423	2.4350	2.2820	2.4277	2.6820	2.6042
Sm-140	1.9765	1.8707	2.1139	2.0772	1.8056	1.9072	2.1960	2.2156
Sm-141	2.1889	2.1232	2.3108	2.2106	2.0693	2.2009	2.4437	2.3647
Sm-141m	4.5201	4.4002	4.7704	4.5648	4.2818	4.5492	5.0488	4.9240
Sm-142	1.1935	1.0967	1.2910	1.2999	1.0479	1.1022	1.3178	1.3749
Sm-143	0.7565	0.6989	0.8159	0.8176	0.6693	0.7052	0.8362	0.8661
Sm-143m	1.2649	1.2410	1.3181	1.2479	1.2190	1.3073	1.4135	1.3443
Sm-145	2.4582	2.2690	2.6507	2.6638	2.1711	2.2848	2.7112	2.8172
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0026	0.0016	0.0034	0.0041	0.0015	0.0013	0.0032	0.0040
Sm-153	1.6139	1.5157	1.7319	1.7266	1.4663	1.5430	1.7927	1.8464
Sm-155	1.5938	1.5531	1.6818	1.6270	1.5142	1.5962	1.7673	1.7850
Sm-156	1.5162	1.4088	1.6658	1.6708	1.3642	1.4092	1.7157	1.7708
Sm-157	2.2171	2.1721	2.3494	2.2483	2.1090	2.2279	2.4795	2.4391
Sn-106	3.8916	3.7785	4.0953	3.9142	3.5936	3.7814	4.2608	4.1340
Sn-108	3.9131	3.7926	4.1304	3.9582	3.5913	3.7690	4.2715	4.1714
Sn-109	3.4151	3.3146	3.5653	3.3929	3.1655	3.3537	3.7508	3.5978
Sn-110	2.5940	2.4954	2.7464	2.6521	2.3352	2.4405	2.8071	2.7682
Sn-111	1.0339	0.9714	1.0922	1.0682	0.8808	0.9088	1.0961	1.0977
Sn-113	1.2365	1.1503	1.3121	1.2941	1.0253	1.0477	1.2966	1.3170
Sn-113m	0.8623	0.7934	0.9242	0.9189	0.7139	0.7297	0.9128	0.9343
Sn-117m	2.5610	2.4715	2.7192	2.6262	2.3229	2.4335	2.7930	2.7426
Sn-119m	1.0352	0.9301	1.1292	1.1449	0.8347	0.8424	1.1077	1.1566
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.3287	0.2894	0.3654	0.3767	0.2648	0.2672	0.3593	0.3815
Sn-123	0.0086	0.0085	0.0089	0.0083	0.0084	0.0091	0.0097	0.0090
Sn-123m	1.5665	1.5503	1.6570	1.5755	1.4919	1.5806	1.7407	1.6740
Sn-125m	1.4057	1.3900	1.4741	1.3981	1.3576	1.4542	1.5649	1.4933
Sn-125	0.4394	0.4352	0.4557	0.4261	0.4286	0.4614	0.4931	0.4611
Sn-126	1.5558	1.4561	1.6722	1.6595	1.3816	1.4253	1.7054	1.7443
Sn-127m	1.2782	1.2657	1.3362	1.2530	1.2407	1.3199	1.4367	1.3422
Sn-127	2.8473	2.8158	2.9634	2.7793	2.7625	2.9599	3.1887	3.0001
Sn-128	4.3873	4.2023	4.6249	4.4693	3.9538	4.1430	4.7516	4.6675
Sn-129	1.6703	1.6531	1.7346	1.6258	1.6244	1.7420	1.8678	1.7511

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.0909	4.0028	4.2977	4.0973	3.8536	4.0697	4.5110	4.3852
Sn-130m	2.5188	2.4566	2.6359	2.5129	2.3655	2.5080	2.7730	2.6760
Sr-79	1.9334	1.7902	2.0932	2.0859	1.6789	1.7331	2.1433	2.2056
Sr-80	1.9689	1.7099	2.2102	2.2899	1.5517	1.5416	2.2138	2.3449
Sr-81	2.3373	2.2686	2.4909	2.3952	2.1842	2.2966	2.6181	2.5495
Sr-82	1.1351	0.8626	1.3497	1.4992	0.7129	0.6386	1.2816	1.4856
Sr-83	2.5554	2.1727	2.8899	3.0296	1.9515	1.9206	2.8748	3.0874
Sr-85	2.3837	2.0937	2.6586	2.7319	1.9169	1.9166	2.6854	2.8026
Sr-85m	1.6924	1.6260	1.8313	1.7786	1.5579	1.6190	1.8982	1.8946
Sr-87m	1.2974	1.2418	1.3888	1.3430	1.1911	1.2485	1.4491	1.4137
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.0756	1.0648	1.1166	1.0452	1.0480	1.1275	1.2052	1.1288
Sr-92	1.3541	1.3421	1.3988	1.3053	1.3235	1.4213	1.5220	1.4169
Sr-93	3.6396	3.5729	3.8048	3.5981	3.4856	3.7182	4.0732	3.8591
Sr-94	1.3501	1.3384	1.3920	1.2976	1.3208	1.4204	1.5177	1.4100
Ta-170	2.0361	1.8122	2.2896	2.3803	1.7663	1.8055	2.3410	2.4687
Ta-172	4.3152	3.9714	4.7441	4.7976	3.8776	4.0228	4.9235	5.0235
Ta-173	3.7779	3.3036	4.2846	4.5196	3.2128	3.2650	4.3541	4.6203
Ta-174	3.6172	3.2574	4.0434	4.1686	3.1705	3.2491	4.1499	4.3355
Ta-175	4.7561	4.3534	5.2353	5.3344	4.2453	4.3989	5.4138	5.5389
Ta-176	4.4558	4.0753	4.8941	4.9648	3.9888	4.1445	5.0960	5.1771
Ta-177	1.8753	1.6279	2.1297	2.2671	1.5816	1.6035	2.1561	2.3050
Ta-178	1.9614	1.6868	2.2404	2.3974	1.6393	1.6558	2.2627	2.4330
Ta-178m	8.6526	8.0909	9.4393	9.4452	7.8905	8.2143	9.7975	9.9258
Ta-179	1.0354	0.8377	1.2287	1.3597	0.8122	0.7970	1.2184	1.3605
Ta-180	1.6179	1.3853	1.8530	1.9894	1.3456	1.3562	1.8677	2.0158
Ta-182	3.8066	3.5231	4.1591	4.1810	3.4470	3.5781	4.3287	4.3967
Ta-182m	4.5959	3.9846	5.2844	5.5931	3.8642	3.8891	5.3389	5.7265
Ta-183	4.2374	3.6785	4.8581	5.1345	3.5730	3.5990	4.9054	5.2663
Ta-184	5.7611	5.3944	6.2962	6.2499	5.2698	5.4912	6.5543	6.5784
Ta-185	2.3854	2.0549	2.7548	2.9240	1.9928	1.9960	2.7765	2.9969
Ta-186	5.2333	5.0439	5.6053	5.4335	4.9241	5.1754	5.9061	5.8105
Tb-146	3.0044	2.9472	3.1254	2.9495	2.8993	3.1133	3.3772	3.1842
Tb-147m	2.2711	2.1732	2.4002	2.3323	2.1242	2.2629	2.5508	2.4875
Tb-147	3.9370	3.8060	4.1551	4.0052	3.7194	3.9608	4.4136	4.2805
Tb-148m	6.4319	6.2784	6.7551	6.4367	6.1504	6.5692	7.1983	6.8881
Tb-148	2.8542	2.7721	2.9953	2.8671	2.7176	2.9055	3.2008	3.0722
Tb-149m	3.0218	2.8987	3.1999	3.1109	2.8297	3.0136	3.3815	3.3090
Tb-149	3.6472	3.5101	3.8729	3.7579	3.4198	3.6351	4.0851	3.9953

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	6.5794	6.4075	6.9296	6.6286	6.2634	6.6719	7.3628	7.0678
Tb-150	3.4480	3.3263	3.6351	3.5047	3.2532	3.4690	3.8672	3.7403
Tb-151	4.9840	4.7623	5.3306	5.2168	4.6279	4.8901	5.5773	5.5351
Tb-151m	1.2655	0.9697	1.5534	1.7555	0.9336	0.8932	1.5180	1.7411
Tb-152m	4.5087	4.2644	4.8655	4.8147	4.1422	4.3635	5.0670	5.0549
Tb-152	3.2621	3.1336	3.4630	3.3654	3.0551	3.2504	3.6524	3.5749
Tb-153	3.3576	3.1306	3.6475	3.6549	3.0302	3.1740	3.7729	3.8578
Tb-154	3.9353	3.7542	4.1825	4.0819	3.6641	3.8889	4.4218	4.3505
Tb-155	3.4109	3.1811	3.6979	3.7105	3.0812	3.2261	3.8215	3.9214
Tb-156	5.7249	5.4700	6.1120	5.9679	5.3299	5.6347	6.4335	6.3530
Tb-156m	1.1444	1.0997	1.2032	1.2016	1.0644	1.1435	1.2658	1.2289
Tb-156n	0.3616	0.2453	0.4718	0.5581	0.2366	0.2101	0.4488	0.5479
Tb-157	0.3904	0.2818	0.4935	0.5709	0.2711	0.2515	0.4750	0.5655
Tb-158	3.0681	2.8519	3.3290	3.3313	2.7739	2.9163	3.4625	3.5063
Tb-160	2.5385	2.4375	2.7047	2.6253	2.3878	2.5323	2.8624	2.7965
Tb-161	1.5088	1.3114	1.7046	1.7978	1.2450	1.2627	1.7069	1.8216
Tb-162	3.2413	3.1443	3.4530	3.3230	3.0730	3.2532	3.6414	3.5445
Tb-163	2.6936	2.6380	2.8468	2.7108	2.5802	2.7410	3.0208	2.8868
Tb-164	5.3433	5.1851	5.6607	5.4389	5.0752	5.3861	6.0124	5.8123
Tb-165	1.2384	1.1732	1.3305	1.3028	1.1516	1.2140	1.4112	1.3804
Tc-101	1.4835	1.4676	1.5581	1.4790	1.4308	1.5287	1.6512	1.5811
Tc-102m	3.3104	3.2790	3.4405	3.2167	3.2239	3.4517	3.7180	3.4705
Tc-102	0.1529	0.1514	0.1596	0.1495	0.1486	0.1585	0.1716	0.1606
Tc-104	3.2184	3.1872	3.3524	3.1449	3.1288	3.3526	3.6068	3.3887
Tc-105	2.7521	2.6967	2.8958	2.7633	2.5981	2.7433	3.0511	2.9523
Tc-91	1.2447	1.2242	1.2889	1.2109	1.1972	1.2827	1.3956	1.3091
Tc-91m	0.8943	0.8802	0.9353	0.8824	0.8575	0.9104	1.0020	0.9421
Tc-92	5.6221	5.5329	5.8795	5.5731	5.3802	5.7310	6.2647	5.9743
Tc-93	2.3893	2.2440	2.5296	2.4955	2.0691	2.1415	2.6063	2.5832
Tc-93m	1.6196	1.5532	1.7120	1.6558	1.4650	1.5334	1.7826	1.7356
Tc-94	5.1201	4.9400	5.3729	5.1715	4.7181	4.9897	5.6555	5.4625
Tc-94m	1.8693	1.8088	1.9567	1.8754	1.7348	1.8409	2.0711	1.9899
Tc-95	2.4726	2.3078	2.6320	2.6172	2.1115	2.1765	2.6827	2.6911
Tc-95m	3.1456	2.9812	3.3540	3.3000	2.7587	2.8485	3.4391	3.4469
Tc-96	5.0744	4.8810	5.3294	5.1474	4.6481	4.9074	5.5969	5.4279
Tc-96m	0.6825	0.6069	0.7422	0.7681	0.5174	0.5078	0.7214	0.7640
Tc-97	1.1390	0.9951	1.2463	1.3098	0.8262	0.7989	1.1948	1.2847
Tc-97m	0.8820	0.7810	0.9586	0.9959	0.6545	0.6367	0.9236	0.9850
Tc-98	2.5640	2.5355	2.6620	2.4990	2.4925	2.6745	2.8649	2.6916
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.5838	1.5567	1.6767	1.6023	1.4987	1.5745	1.7622	1.7144
Te-113	1.5334	1.5109	1.5906	1.4928	1.4798	1.5869	1.7138	1.6105
Te-114	3.4551	3.3019	3.6537	3.5364	3.1296	3.2859	3.7769	3.7141
Te-115	2.4942	2.4456	2.6008	2.4571	2.3749	2.5315	2.7699	2.6325
Te-115m	2.8371	2.7780	2.9519	2.7878	2.6991	2.8827	3.1504	2.9866
Te-116	2.5616	2.4143	2.7186	2.6640	2.2348	2.3180	2.7432	2.7723
Te-117	2.3899	2.3116	2.5006	2.3878	2.2113	2.3446	2.6226	2.5279
Te-118	1.1966	1.1114	1.2751	1.2590	1.0071	1.0379	1.2662	1.2858
Te-119	2.5058	2.4074	2.6340	2.5326	2.2796	2.4022	2.7278	2.6562
Te-119m	4.2329	4.1227	4.4514	4.2474	3.9482	4.1779	4.6619	4.4995
Te-121	2.5159	2.4154	2.6516	2.5521	2.2828	2.3974	2.7417	2.6697
Te-121m	2.2134	2.1267	2.3667	2.2935	2.0162	2.1023	2.4368	2.4367
Te-123	0.0759	0.0436	0.1062	0.1315	0.0419	0.0324	0.0981	0.1268
Te-123m	2.2059	2.1255	2.3561	2.2849	2.0180	2.1182	2.4312	2.3932
Te-125m	2.0396	1.8868	2.1857	2.1697	1.7269	1.7844	2.1779	2.2225
Te-127	0.0186	0.0183	0.0196	0.0185	0.0178	0.0189	0.0207	0.0197
Te-127m	0.6666	0.6030	0.7270	0.7351	0.5526	0.5651	0.7202	0.7482
Te-129	0.4964	0.4447	0.5510	0.5620	0.4179	0.4260	0.5533	0.5751
Te-129m	0.5329	0.4895	0.5756	0.5750	0.4514	0.4653	0.5755	0.5891
Te-131	1.9503	1.9242	2.0544	1.9478	1.8646	1.9781	2.1721	2.0797
Te-131m	3.1522	3.0943	3.2964	3.1228	3.0138	3.2128	3.5055	3.3559
Te-132	2.8027	2.7080	2.9764	2.8748	2.5720	2.7003	3.0677	3.0353
Te-133	2.3007	2.2759	2.4011	2.2611	2.2312	2.3914	2.5714	2.4299
Te-133m	3.5156	3.4580	3.6722	3.4667	3.3754	3.6082	3.9188	3.7226
Te-134	3.3363	3.2753	3.5096	3.3323	3.1759	3.3631	3.7035	3.5740
Th-223	1.9152	1.6463	2.1841	2.3047	1.5380	1.5203	2.1787	2.3744
Th-224	0.2680	0.2466	0.2961	0.2987	0.2333	0.2385	0.3026	0.3124
Th-226	0.2726	0.2223	0.3191	0.3470	0.2012	0.1925	0.3114	0.3497
Th-227	2.3260	1.9262	2.7080	2.9204	1.7615	1.7094	2.6588	2.9414
Th-228	0.2598	0.1965	0.3148	0.3549	0.1716	0.1559	0.2996	0.3495
Th-229	3.3122	2.6911	3.8919	4.2390	2.4599	2.3549	3.8044	4.2821
Th-230	1.5608	1.5561	1.6191	1.5616	1.5134	1.6020	1.7152	1.6272
Th-231	2.1636	1.6894	2.5733	2.8556	1.4782	1.3700	2.4596	2.8224
Th-232	1.2689	1.2889	1.2884	1.1997	1.2398	1.3322	1.4449	1.3334
Th-233	0.5726	0.4523	0.6864	0.7589	0.4180	0.3965	0.6675	0.7597
Th-234	0.4195	0.3501	0.4828	0.5196	0.3195	0.3100	0.4744	0.5259
Th-235	0.1537	0.1472	0.1640	0.1590	0.1428	0.1502	0.1725	0.1690
Th-236	0.3806	0.3331	0.4290	0.4473	0.3100	0.3093	0.4301	0.4614
Ti-44	2.9440	2.8300	3.1189	3.0455	2.7783	2.8978	3.2658	3.2522
Ti-45	0.0297	0.0186	0.0403	0.0487	0.0180	0.0150	0.0379	0.0474

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.4106	1.3963	1.4773	1.4016	1.3661	1.4663	1.5716	1.4991
Ti-52	2.0866	1.9658	2.2611	2.2393	1.8763	1.9308	2.3351	2.3693
Tl-190	2.2875	2.1538	2.4783	2.4388	2.1012	2.1915	2.5896	2.5698
Tl-190m	5.5852	5.3469	5.9711	5.7932	5.2274	5.5043	6.2958	6.1472
Tl-194	2.6125	2.4023	2.8733	2.8865	2.3374	2.4103	2.9716	3.0191
Tl-194m	7.6136	7.1356	8.2629	8.1706	6.9551	7.2485	8.6267	8.6158
Tl-195	3.9920	3.4652	4.5453	4.7583	3.3518	3.3743	4.6163	4.9089
Tl-196	4.0912	3.8102	4.4508	4.4192	3.7181	3.8657	4.6474	4.6538
Tl-197	3.0874	2.7250	3.4807	3.6131	2.6384	2.6662	3.5414	3.7400
Tl-198	4.5107	4.1933	4.9117	4.8836	4.0921	4.2523	5.1264	5.1422
Tl-198m	5.4000	4.9094	5.9908	6.0691	4.7611	4.8873	6.1658	6.3250
Tl-199	3.0350	2.6614	3.4437	3.5932	2.5707	2.5836	3.4868	3.7146
Tl-200	4.2656	3.9424	4.6680	4.6737	3.8411	3.9802	4.8470	4.9036
Tl-201	2.6252	2.2033	3.0526	3.2755	2.1188	2.0843	3.0471	3.3473
Tl-202	3.0538	2.7532	3.4036	3.4741	2.6719	2.7252	3.4897	3.6114
Tl-204	0.0430	0.0352	0.0507	0.0552	0.0338	0.0329	0.0503	0.0561
Tl-206m	7.2880	7.0591	7.7742	7.4709	6.8846	7.2578	8.2001	7.9755
Tl-206	0.0020	0.0017	0.0023	0.0024	0.0016	0.0016	0.0023	0.0025
Tl-207	0.0036	0.0035	0.0037	0.0035	0.0035	0.0037	0.0040	0.0038
Tl-208	3.1021	3.0488	3.2342	3.0457	2.9999	3.2061	3.4984	3.2913
Tl-209	4.4389	4.3236	4.6846	4.4740	4.2321	4.4713	4.9896	4.8237
Tl-210	4.6613	4.4538	4.9743	4.8281	4.3467	4.5929	5.2630	5.1404
Tm-161	6.2086	5.7395	6.7712	6.8752	5.5759	5.8385	7.0227	7.1174
Tm-162	3.0927	2.9021	3.3345	3.3224	2.8372	2.9897	3.5037	3.4889
Tm-163	5.0578	4.7266	5.4727	5.4981	4.6047	4.8394	5.7107	5.7226
Tm-164	1.4779	1.3414	1.6289	1.6773	1.3049	1.3592	1.6826	1.7253
Tm-165	4.0003	3.7272	4.3562	4.3914	3.6211	3.7959	4.5182	4.5497
Tm-166	4.6397	4.3350	5.0243	5.0214	4.2346	4.4504	5.2651	5.2520
Tm-167	2.7086	2.4264	3.0310	3.1569	2.3495	2.4209	3.0992	3.2380
Tm-168	5.2029	4.8889	5.6411	5.6190	4.7651	4.9967	5.8946	5.9048
Tm-170	0.1453	0.1183	0.1725	0.1897	0.1150	0.1129	0.1714	0.1912
Tm-171	0.0224	0.0192	0.0257	0.0276	0.0187	0.0189	0.0259	0.0278
Tm-172	0.9511	0.8523	1.0623	1.0907	0.8348	0.8597	1.0990	1.1324
Tm-173	1.4709	1.4290	1.5659	1.5002	1.3978	1.4788	1.6531	1.5885
Tm-174	6.2568	6.0049	6.7274	6.5491	5.8628	6.1817	7.0660	6.9330
Tm-175	2.5004	2.4210	2.6492	2.5487	2.3732	2.5196	2.8192	2.7055
Tm-176	4.4663	4.2523	4.8089	4.7100	4.1589	4.3762	5.0630	4.9943
U-227	1.8861	1.6545	2.1291	2.2176	1.5413	1.5376	2.1304	2.2874
U-228	0.2882	0.2278	0.3409	0.3770	0.1998	0.1864	0.3272	0.3738
U-230	0.3101	0.2362	0.3729	0.4195	0.2029	0.1840	0.3535	0.4111

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	3.9976	3.2748	4.6461	5.0359	2.9371	2.8113	4.5219	5.0732
U-232	0.2906	0.2187	0.3512	0.3971	0.1867	0.1678	0.3318	0.3881
U-233	0.1526	0.1135	0.1859	0.2111	0.0975	0.0872	0.1756	0.2065
U-234	1.5096	1.4989	1.5699	1.4649	1.4570	1.5294	1.6432	1.5249
U-235	1.7940	1.7862	1.8764	1.7923	1.7335	1.8087	1.9385	1.9102
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.2397	0.1798	0.2902	0.3286	0.1532	0.1373	0.2740	0.3211
U-237	3.4459	3.0147	3.8742	4.0588	2.7940	2.7848	3.8696	4.1693
U-238	1.3257	1.3145	1.3650	1.2569	1.2913	1.3752	1.4748	1.3564
U-239	1.1494	1.0564	1.2494	1.2609	1.0032	1.0245	1.2752	1.3154
U-240	0.7889	0.6102	0.9435	1.0544	0.5316	0.4888	0.8993	1.0393
U-242	0.3767	0.3574	0.4012	0.3970	0.3429	0.3574	0.4165	0.4162
V-47	0.0160	0.0128	0.0194	0.0212	0.0125	0.0122	0.0193	0.0215
V-48	2.8895	2.8188	3.0292	2.8726	2.7783	2.9744	3.2653	3.0920
V-49	0.2105	0.1188	0.2964	0.3684	0.1144	0.0873	0.2734	0.3550
V-50	1.4595	1.3724	1.5698	1.5385	1.3522	1.4265	1.6710	1.6354
V-52	1.3094	1.2983	1.3490	1.2566	1.2817	1.3787	1.4726	1.3666
V-53	1.3834	1.3712	1.4353	1.3389	1.3511	1.4577	1.5540	1.4491
W-177	6.4083	5.7601	7.1571	7.3845	5.6135	5.7533	7.3401	7.6535
W-178	0.8169	0.6105	1.0148	1.1615	0.5908	0.5542	0.9858	1.1506
W-179	2.2840	1.8726	2.6866	2.9427	1.8052	1.7784	2.6627	2.9560
W-179m	1.4150	1.1932	1.6416	1.7716	1.1590	1.1531	1.6448	1.7986
W-181	1.4605	1.2183	1.7003	1.8511	1.1830	1.1759	1.7000	1.8661
W-185m	1.4737	0.9949	1.9314	2.2856	0.9587	0.8397	1.8352	2.2435
W-185	0.0012	0.0011	0.0014	0.0015	0.0011	0.0011	0.0014	0.0015
W-187	1.7354	1.6347	1.8734	1.8539	1.5993	1.6704	1.9610	1.9520
W-188	0.0169	0.0153	0.0190	0.0195	0.0149	0.0152	0.0194	0.0203
W-190	3.2264	2.8354	3.6581	3.8441	2.7535	2.7866	3.7091	3.9416
Xe-120	3.4957	3.3186	3.7109	3.6177	3.1158	3.2574	3.7891	3.7740
Xe-121	2.3763	2.2999	2.5048	2.4017	2.2057	2.3309	2.6172	2.5485
Xe-122	1.5170	1.4228	1.6189	1.5931	1.3216	1.3771	1.6330	1.6459
Xe-123	2.6581	2.5613	2.8181	2.7219	2.4332	2.5606	2.9139	2.8651
Xe-125	3.2549	3.1238	3.4617	3.3558	2.9515	3.0916	3.5532	3.5316
Xe-127	3.2684	3.1551	3.4744	3.3544	2.9943	3.1392	3.5870	3.5593
Xe-127m	2.6514	2.5634	2.8198	2.7228	2.4568	2.5760	2.9300	2.8999
Xe-129m	2.2923	2.1297	2.4592	2.4398	1.9795	2.0614	2.4722	2.5217
Xe-131m	0.9738	0.8946	1.0542	1.0556	0.8307	0.8603	1.0553	1.0846
Xe-133	1.4039	1.3331	1.4937	1.4602	1.2728	1.3309	1.5327	1.5398
Xe-133m	1.0946	1.0191	1.1782	1.1679	0.9510	0.9888	1.1870	1.2083
Xe-135	1.4241	1.4097	1.5160	1.4323	1.3680	1.4422	1.5839	1.5312

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.2486	1.2220	1.3112	1.2437	1.1868	1.2584	1.3920	1.3217
Xe-137	0.4565	0.4518	0.4783	0.4484	0.4428	0.4714	0.5122	0.4803
Xe-138	1.8445	1.7699	1.9794	1.9135	1.7303	1.8231	2.0879	2.0352
Y-81	2.3966	2.1984	2.6229	2.6382	2.0631	2.0989	2.6764	2.7622
Y-83	1.6926	1.5023	1.8636	1.9093	1.3642	1.3783	1.8720	1.9562
Y-83m	1.5121	1.4243	1.6383	1.6131	1.3406	1.3845	1.6795	1.6805
Y-84m	4.3587	4.2931	4.5339	4.2625	4.2159	4.5271	4.8870	4.5967
Y-85	1.3090	1.2141	1.4172	1.4059	1.1424	1.1777	1.4660	1.4615
Y-85m	1.4844	1.3684	1.6108	1.6055	1.2819	1.3198	1.6595	1.6762
Y-86	4.9916	4.7773	5.2840	5.0988	4.6024	4.8611	5.5909	5.4132
Y-86m	1.5889	1.5594	1.6966	1.6231	1.5044	1.5748	1.7820	1.7668
Y-87	2.3330	2.0668	2.5866	2.6536	1.8827	1.8874	2.6056	2.7078
Y-87m	1.2842	1.2290	1.3720	1.3304	1.1729	1.2292	1.4279	1.3957
Y-88	3.6844	3.4073	3.9652	3.9297	3.2139	3.3401	4.1256	4.1174
Y-89m	1.3211	1.3060	1.3715	1.2847	1.2856	1.3852	1.4812	1.3886
Y-90	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0001	0.0002
Y-90m	2.8399	2.7980	3.0048	2.8517	2.7094	2.8529	3.1826	3.0851
Y-91	0.0034	0.0034	0.0036	0.0033	0.0034	0.0036	0.0039	0.0036
Y-91m	1.2701	1.2473	1.3309	1.2585	1.2159	1.2914	1.4224	1.3420
Y-92	0.3500	0.3466	0.3633	0.3397	0.3412	0.3669	0.3929	0.3671
Y-93	0.1828	0.1811	0.1920	0.1806	0.1770	0.1887	0.2043	0.1942
Y-94	1.0336	1.0235	1.0721	1.0024	1.0083	1.0858	1.1599	1.0845
Y-95	0.7829	0.7762	0.8075	0.7511	0.7669	0.8271	0.8824	0.8188
Yb-162	3.2869	3.0319	3.6128	3.6772	2.9440	3.0627	3.7339	3.8066
Yb-163	2.4466	2.1676	2.7477	2.8747	2.1090	2.1699	2.8136	2.9349
Yb-164	1.5376	1.3669	1.7163	1.8073	1.3245	1.3706	1.7541	1.8259
Yb-165	4.0506	3.4795	4.6425	4.9643	3.3807	3.4232	4.6923	5.0249
Yb-166	2.8696	2.5591	3.1984	3.3578	2.4825	2.5670	3.2713	3.4035
Yb-167	5.9037	5.2893	6.5977	6.8753	5.1366	5.2862	6.7523	7.0655
Yb-169	6.4744	5.9188	7.1303	7.3306	5.7457	5.9622	7.3441	7.5547
Yb-175	0.2444	0.2324	0.2637	0.2596	0.2267	0.2378	0.2753	0.2732
Yb-177	0.8873	0.8457	0.9550	0.9408	0.8241	0.8662	1.0014	0.9903
Yb-178	0.1689	0.1599	0.1832	0.1801	0.1562	0.1640	0.1913	0.1892
Yb-179	2.6142	2.5473	2.7590	2.6392	2.4948	2.6510	2.9351	2.8064
Zn-60	1.6163	1.5693	1.7045	1.6424	1.5371	1.6309	1.8057	1.7458
Zn-61	0.5940	0.5838	0.6206	0.5843	0.5746	0.6140	0.6701	0.6298
Zn-62	1.9784	1.6235	2.3438	2.5387	1.5758	1.5565	2.3390	2.5812
Zn-63	0.2726	0.2476	0.3022	0.3054	0.2430	0.2524	0.3147	0.3191
Zn-65	1.3931	1.0763	1.7079	1.9048	1.0519	1.0114	1.6903	1.9143
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.2802	1.2494	1.3595	1.2928	1.2236	1.2943	1.4431	1.3752
Zn-71	0.6977	0.6903	0.7292	0.6847	0.6774	0.7220	0.7836	0.7357
Zn-71m	3.9398	3.8991	4.1233	3.8711	3.8225	4.0756	4.4140	4.1499
Zn-72	2.7329	2.2879	3.2252	3.4691	2.2013	2.1666	3.2167	3.5346
Zr-85	1.2622	1.2321	1.3310	1.2647	1.1953	1.2652	1.4119	1.3450
Zr-86	3.9385	3.5205	4.3462	4.4583	3.1448	3.1441	4.3069	4.5235
Zr-87	0.3056	0.2651	0.3389	0.3542	0.2332	0.2307	0.3353	0.3559
Zr-88	2.4705	2.2370	2.7059	2.7423	2.0397	2.0679	2.7246	2.7979
Zr-89	2.2324	2.0491	2.4113	2.4159	1.8984	1.9588	2.4711	2.4955
Zr-89m	1.3230	1.2928	1.3865	1.3171	1.2554	1.3330	1.4769	1.4017
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.2492	1.2348	1.2961	1.2173	1.2152	1.3054	1.3967	1.3134
Zr-97	1.5115	1.4917	1.5709	1.4780	1.4644	1.5699	1.6895	1.5914

Table 18: Concrete Surface Contamination for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2313	0.2969	0.5452	0.6523
Ac-224	2.7175	3.2182	4.3039	4.8230
Ac-225	0.3287	0.4251	0.7751	0.9261
Ac-226	1.1967	1.4187	1.8781	2.0471
Ac-227	0.0548	0.0789	0.1977	0.2472
Ac-228	1.8137	2.2034	2.8755	3.1485
Ac-230	0.7838	0.9595	1.2894	1.4112
Ac-231	2.6682	3.1180	3.8447	4.1480
Ac-232	1.2765	1.5566	2.0068	2.1748
Ac-233	1.1572	1.3632	1.6070	1.6731
Ag-100m	2.2217	2.6321	2.8317	2.8989
Ag-101	1.9294	2.2593	2.5685	2.6956
Ag-102m	1.4472	1.7167	1.9210	1.9639
Ag-102	3.3882	4.0139	4.3990	4.5025
Ag-103	2.2781	2.6870	3.1935	3.4025
Ag-104	4.2467	5.0662	5.6969	5.9117
Ag-104m	1.7414	2.0599	2.3534	2.4274
Ag-105	2.4238	2.8672	3.4905	3.7112
Ag-105m	0.0197	0.0281	0.0744	0.0940
Ag-106	0.4881	0.5887	0.7677	0.8250
Ag-106m	5.1893	6.1494	6.9578	7.1976
Ag-108	0.0477	0.0568	0.0695	0.0740
Ag-108m	3.9242	4.6407	5.3084	5.5423
Ag-109m	0.3943	0.4802	0.6803	0.7635
Ag-110	0.0562	0.0662	0.0719	0.0742
Ag-110m	3.8541	4.5752	4.8794	5.0069
Ag-111	0.1054	0.1217	0.1354	0.1396
Ag-111m	0.2133	0.2631	0.3932	0.4449
Ag-112	0.8802	1.0342	1.1133	1.1358
Ag-113m	0.7723	0.9037	1.0501	1.1010
Ag-113	0.2330	0.2699	0.2989	0.3094
Ag-114	0.3674	0.4308	0.4677	0.4742
Ag-115	0.8485	0.9872	1.0908	1.1132
Ag-116	2.1849	2.5767	2.7924	2.8182
Ag-117	1.7171	2.0141	2.2133	2.2670
Ag-99	2.3572	2.7713	3.0580	3.1705
Al-26	1.2390	1.4686	1.5775	1.5885
Al-28	1.2077	1.4313	1.5345	1.5441
Al-29	1.2398	1.4694	1.5818	1.5928

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.8558	3.4014	4.5558	5.1083
Am-238	2.7693	3.3242	4.3495	4.8370
Am-239	3.3213	3.9976	5.6973	6.5066
Am-240	2.9639	3.5991	4.8870	5.4761
Am-241	1.3743	1.5626	1.6346	1.7168
Am-242	0.4645	0.5869	0.9767	1.1422
Am-242m	0.2690	0.3627	0.7267	0.8696
Am-243	1.1949	1.4008	1.7425	1.9690
Am-244	2.5359	3.1479	4.4757	4.9975
Am-244m	0.1628	0.2122	0.3798	0.4455
Am-245	0.3610	0.4317	0.5885	0.6662
Am-246	3.5547	4.3692	6.2748	6.9709
Am-246m	1.5890	1.9247	2.3770	2.5609
Am-247	1.3267	1.5757	2.0756	2.3227
Ar-37	0.0180	0.0272	0.0840	0.1081
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2175	1.4424	1.5529	1.5648
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.4734	1.7463	1.8698	1.9013
Ar-44	2.3460	2.7411	2.9979	2.9765
As-68	2.8707	3.3991	3.6476	3.7288
As-69	0.4586	0.5419	0.6894	0.7484
As-70	3.7679	4.4614	4.8791	5.0182
As-71	1.6879	2.0366	3.0012	3.2914
As-72	1.2025	1.4580	1.6676	1.7634
As-73	0.7895	1.1458	3.1880	4.0537
As-74	0.9984	1.2045	1.6363	1.8093
As-76	0.7274	0.8513	0.9256	0.9408
As-77	0.0395	0.0454	0.0519	0.0544
As-78	1.6540	1.9501	2.0966	2.1373
As-79	0.0745	0.0872	0.0950	0.0972
At-204	5.2248	6.1592	7.1863	7.6407
At-205	2.7722	3.2941	4.1148	4.5596
At-206	5.4407	6.4115	7.4534	7.9280
At-207	4.2600	5.0610	6.1338	6.6916
At-208	6.5110	7.7102	9.1183	9.7606
At-209	5.9492	7.0850	8.5674	9.3081
At-210	5.1400	6.0907	7.4260	8.0631
At-211	0.6932	0.8309	1.1978	1.4098
At-215	0.0006	0.0007	0.0008	0.0009

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0364	0.0430	0.0579	0.0668
At-217	0.0014	0.0017	0.0020	0.0022
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	1.9426	2.2502	2.6098	2.7600
Au-186	3.1745	3.7219	4.4602	4.7110
Au-187	2.5934	3.0999	4.1081	4.5812
Au-190	3.7585	4.4219	5.2552	5.6258
Au-191	3.2346	3.8271	4.9682	5.5182
Au-192	3.5086	4.1355	4.9645	5.3372
Au-193	2.1590	2.5602	3.4681	3.9334
Au-193m	1.4366	1.7258	2.5046	2.8713
Au-194	2.8501	3.3594	4.1382	4.5068
Au-195	1.8120	2.1946	3.3301	3.9113
Au-195m	1.4527	1.7462	2.5320	2.9016
Au-196	2.6428	3.1012	3.8526	4.2063
Au-196m	3.2344	3.9227	5.8807	6.7176
Au-198	1.2078	1.4006	1.5665	1.6100
Au-198m	5.1688	6.0342	7.7801	8.4711
Au-199	1.0528	1.2433	1.6115	1.7248
Au-200	0.4555	0.5331	0.5901	0.6053
Au-200m	6.0168	7.0330	8.0307	8.3532
Au-201	0.1377	0.1690	0.2580	0.2955
Au-202	0.2863	0.3359	0.3692	0.3778
Ba-124	1.8392	2.1489	2.5785	2.7496
Ba-126	2.2232	2.5953	3.0629	3.2639
Ba-127	1.0626	1.2400	1.5048	1.6221
Ba-128	1.0905	1.2770	1.6127	1.7747
Ba-129	1.1698	1.3695	1.7080	1.8578
Ba-129m	4.1759	4.8948	5.7003	5.9524
Ba-131	2.8288	3.2964	3.8996	4.1704
Ba-131m	1.4176	1.6434	2.0148	2.2476
Ba-133	3.1913	3.7026	4.4076	4.7671
Ba-133m	0.9416	1.1199	1.5393	1.7326
Ba-135m	0.8557	1.0016	1.2585	1.3834
Ba-137m	1.1402	1.3411	1.4589	1.5106
Ba-139	0.4119	0.4770	0.5416	0.5385
Ba-140	0.7564	0.9066	1.2460	1.3740
Ba-141	2.4955	2.8963	3.2179	3.2674
Ba-142	2.2158	2.5902	2.8698	2.9972

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1234	0.1436	0.1583	0.1597
Bi-197	3.1610	3.7708	4.6898	5.1724
Bi-200	6.2541	7.3341	8.6801	9.3084
Bi-201	3.2387	3.8592	4.7505	5.2161
Bi-202	5.7524	6.7824	7.9282	8.4855
Bi-203	3.9586	4.7180	5.6795	6.1757
Bi-204	5.8062	6.8769	8.0972	8.7077
Bi-205	3.0127	3.5922	4.4772	4.9283
Bi-206	6.6873	7.9437	9.3153	9.9755
Bi-207	3.4330	4.0618	4.9511	5.3931
Bi-208	1.9763	2.3873	3.0576	3.3433
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.2944	1.4998	1.7530	1.8799
Bi-211	0.2030	0.2363	0.2766	0.2933
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2111	0.2683	0.4241	0.4910
Bi-213	0.3991	0.4655	0.5385	0.5655
Bi-214	1.6236	1.9152	2.0723	2.1162
Bi-215	0.9655	1.1289	1.3498	1.4643
Bi-216	1.7854	2.0815	2.3177	2.3770
Bk-245	2.8896	3.4458	4.6312	5.2433
Bk-246	2.8192	3.4514	4.6942	5.2618
Bk-247	1.5166	1.7579	2.1245	2.3655
Bk-248m	0.6168	0.7533	1.1014	1.2595
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.3677	1.6428	1.9896	2.1306
Bk-251	1.4623	1.7745	2.5247	2.8716
Br-72	2.3365	2.7864	3.0622	3.1622
Br-73	1.4543	1.7105	1.9741	2.1143
Br-74	2.6557	3.1421	3.4831	3.5504
Br-74m	3.2499	3.8500	4.2352	4.3508
Br-75	1.7527	2.0575	2.5028	2.6875
Br-76	2.3821	2.8550	3.4585	3.6588
Br-76m	1.2217	1.5876	2.7410	3.2363
Br-77	1.3073	1.6297	2.6242	3.0315
Br-77m	0.4774	0.6383	1.2740	1.5612
Br-78	0.1895	0.2299	0.3113	0.3445
Br-80	0.1194	0.1465	0.2088	0.2347
Br-80m	0.9767	1.3195	2.5242	3.0548

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.2955	0.4371	1.0781	1.3527
Br-82	3.9178	4.6441	4.9713	5.0831
Br-83	0.0153	0.0179	0.0198	0.0201
Br-84m	3.6450	4.3023	4.6387	4.7248
Br-84	1.3375	1.5949	1.6988	1.7233
Br-85	0.0873	0.1044	0.1107	0.1136
C-10	1.1709	1.3958	1.4798	1.5214
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0321	0.0487	0.1501	0.1931
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.0692	1.2672	1.3638	1.3763
Ca-49	1.1912	1.4252	1.5226	1.5019
Cd-101	2.7019	3.1688	3.5987	3.7842
Cd-102	2.2514	2.6613	3.1863	3.3675
Cd-103	2.1854	2.6117	3.0890	3.2486
Cd-104	1.9839	2.3479	2.9217	3.2152
Cd-105	1.5253	1.8243	2.1930	2.3199
Cd-107	1.1426	1.3955	1.9723	2.2023
Cd-109	1.0620	1.2990	1.8462	2.0640
Cd-111m	2.0708	2.4034	2.8212	2.9860
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0010	0.0013	0.0014
Cd-115	0.4936	0.5764	0.6451	0.6597
Cd-115m	0.0411	0.0487	0.0522	0.0534
Cd-117	1.7143	2.0058	2.2011	2.2665
Cd-117m	1.9676	2.3258	2.5020	2.5433
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.0599	2.4163	2.6358	2.7002
Cd-119m	2.3308	2.7529	2.9685	3.0264
Ce-130	2.8168	3.3021	3.8719	4.1625
Ce-131	2.9988	3.5261	4.1165	4.3391
Ce-132	2.6514	3.0844	3.6318	3.7525
Ce-133	2.4488	2.8480	3.3909	3.7237
Ce-133m	4.2810	5.0273	5.7232	6.0216
Ce-134	0.9233	1.0962	1.3897	1.5357
Ce-135	3.1098	3.6418	4.2015	4.4478
Ce-137	1.0074	1.2124	1.6716	1.8878
Ce-137m	0.8458	1.0078	1.2461	1.3683
Ce-139	2.1575	2.5238	3.0095	3.1336

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9243	1.0814	1.2218	1.2738
Ce-143	1.7252	2.0343	2.3447	2.4949
Ce-144	0.2931	0.3449	0.3949	0.4287
Ce-145	2.6762	3.1832	3.6155	3.8291
Cf-244	0.0995	0.1328	0.2556	0.3030
Cf-246	0.0686	0.0914	0.1754	0.2078
Cf-247	1.9520	2.4143	3.7208	4.3098
Cf-248	0.0824	0.1097	0.2099	0.2486
Cf-249	1.3789	1.6334	2.0594	2.2161
Cf-250	0.0759	0.0990	0.1770	0.2069
Cf-251	1.6808	2.0221	2.8161	3.1614
Cf-252	0.6721	0.7977	0.9373	0.9836
Cf-253	0.2265	0.2980	0.5639	0.6675
Cf-254	22.4289	26.2856	28.6097	29.2231
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0001	0.0001
Cl-34m	1.4396	1.6930	1.8391	1.8571
Cl-36	0.0003	0.0004	0.0012	0.0015
Cl-38	0.8952	1.0624	1.1381	1.1420
Cl-39	1.8054	2.1135	2.2962	2.3553
Cl-40	2.3548	2.7979	2.9940	2.9993
Cm-238	1.3858	1.6583	2.2825	2.6075
Cm-239	3.0030	3.5398	4.5539	4.9417
Cm-240	0.1083	0.1466	0.2914	0.3481
Cm-241	3.1697	3.8366	5.4000	6.0707
Cm-242	0.0971	0.1315	0.2616	0.3125
Cm-243	1.6141	1.9557	2.8676	3.2798
Cm-244	0.0834	0.1129	0.2246	0.2683
Cm-245	1.7658	2.1268	3.0200	3.4449
Cm-246	0.0713	0.0957	0.1852	0.2201
Cm-247	1.0267	1.1897	1.3375	1.3822
Cm-248	1.8106	2.1334	2.3982	2.4787
Cm-249	0.1033	0.1396	0.3178	0.3933
Cm-250	17.7061	20.7519	22.6014	23.0908
Cm-251	0.3911	0.4648	0.5828	0.6313
Co-54m	3.6172	4.2498	4.6088	4.6826
Co-55	1.6175	1.9247	2.1579	2.2453
Co-56	3.1628	3.8075	4.3731	4.5714
Co-57	1.7206	2.0911	3.0699	3.5935
Co-58	1.2946	1.6004	2.0136	2.2025

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.1288	0.1953	0.6015	0.7739
Co-60	2.4679	2.9209	3.1419	3.1788
Co-60m	0.1709	0.2483	0.6964	0.8870
Co-61	1.1888	1.3639	1.4876	1.6105
Co-62	1.4322	1.6953	1.8219	1.8452
Co-62m	2.5425	3.0085	3.2342	3.2802
Cr-48	2.7869	3.2243	3.7555	4.0734
Cr-49	1.4166	1.6131	1.7662	1.8799
Cr-51	0.1994	0.2569	0.5025	0.6041
Cr-55	0.0005	0.0006	0.0007	0.0007
Cr-56	1.8389	2.1206	2.5663	2.9042
Cs-121	1.0329	1.1993	1.3634	1.4083
Cs-121m	1.9184	2.2225	2.5507	2.6039
Cs-123	1.5484	1.7958	2.0796	2.2341
Cs-124	0.5262	0.6141	0.6919	0.7171
Cs-125	1.3035	1.5251	1.8045	1.9291
Cs-126	0.8886	1.0363	1.1780	1.2263
Cs-127	2.0790	2.4263	2.8816	3.0836
Cs-128	0.6727	0.7864	0.9291	0.9834
Cs-129	2.0191	2.3625	2.8825	3.1127
Cs-130m	1.7417	2.0292	2.5411	2.8286
Cs-130	0.5508	0.6479	0.8236	0.9063
Cs-131	0.8573	1.0093	1.3116	1.4576
Cs-132	2.0611	2.4266	2.8275	3.0142
Cs-134	2.6237	3.1144	3.3260	3.4083
Cs-134m	0.6199	0.7488	1.0995	1.2704
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3513	2.8392	2.9920	3.0828
Cs-136	3.6956	4.3626	4.7230	4.8586
Cs-137	1.4473	1.6849	1.9010	1.8974
Cs-138m	1.2605	1.4758	1.7722	1.8723
Cs-138	2.4071	2.8375	3.0665	3.1070
Cs-139	0.2471	0.2926	0.3145	0.3171
Cs-140	1.6203	1.9117	2.0563	2.0840
Cu-57	0.1264	0.1497	0.1612	0.1647
Cu-59	0.6066	0.7168	0.7839	0.8014
Cu-60	2.4373	2.8987	3.1491	3.1970
Cu-61	0.5302	0.6408	0.9041	1.0177
Cu-62	0.0111	0.0145	0.0273	0.0327
Cu-64	0.0827	0.1235	0.3673	0.4705

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1198	0.1413	0.1515	0.1558
Cu-67	1.0840	1.2471	1.4897	1.5490
Cu-69	0.7091	0.8390	0.8987	0.9210
Dy-148	2.2009	2.6043	3.0068	3.1708
Dy-149	3.5090	4.1627	4.7679	5.0387
Dy-150	1.4432	1.6991	1.9877	2.0932
Dy-151	3.2229	3.8286	4.5141	4.7585
Dy-152	2.2838	2.6725	3.1380	3.3623
Dy-153	4.2125	4.9748	5.8576	6.2368
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8802	3.3847	3.9480	4.1386
Dy-157	2.3377	2.7532	3.2281	3.4043
Dy-159	1.2814	1.5389	1.9135	2.0750
Dy-165m	0.2660	0.3349	0.5875	0.6965
Dy-165	0.2234	0.2610	0.3122	0.3365
Dy-166	0.9726	1.1538	1.5231	1.6927
Dy-167	1.9444	2.2650	2.5901	2.7171
Dy-168	1.8742	2.1918	2.5969	2.6933
Er-154	1.4363	1.7208	2.3368	2.5956
Er-156	1.7160	2.0904	3.0860	3.5057
Er-159	2.6933	3.1689	3.7232	3.9147
Er-161	2.8295	3.3655	3.9863	4.2249
Er-163	1.0745	1.2753	1.6241	1.7615
Er-165	1.0354	1.2300	1.5752	1.7115
Er-167m	0.8847	1.0310	1.3111	1.3725
Er-169	0.0037	0.0057	0.0174	0.0223
Er-171	2.4028	2.7924	3.2977	3.5221
Er-172	2.1516	2.5128	2.9837	3.1526
Er-173	3.7100	4.3224	5.0418	5.2501
Es-249	2.5275	3.0195	3.9264	4.3591
Es-250	6.8876	8.4211	11.8656	13.3809
Es-250m	2.2048	2.6521	3.4942	3.9025
Es-251	1.8061	2.2165	3.3008	3.7961
Es-253	0.0275	0.0364	0.0695	0.0825
Es-254	0.9240	1.2428	2.5197	3.0268
Es-254m	1.2010	1.4560	1.8885	2.0609
Es-255	0.0009	0.0011	0.0012	0.0012
Es-256	0.1463	0.1894	0.3381	0.3959
Eu-142	0.3152	0.3797	0.4149	0.4302
Eu-142m	4.1362	4.9209	5.4657	5.6802

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6121	0.7365	0.8340	0.8799
Eu-144	0.2729	0.3296	0.3719	0.3903
Eu-145	2.4217	2.9189	3.2734	3.4494
Eu-146	4.1855	5.0015	5.4914	5.7168
Eu-147	2.5015	2.9953	3.4449	3.6610
Eu-148	4.8553	5.7436	6.3660	6.5981
Eu-149	1.1586	1.4277	1.8202	2.0136
Eu-150	4.5602	5.3802	6.0221	6.2495
Eu-150m	0.2044	0.2446	0.2817	0.2984
Eu-152	2.9968	3.5700	4.0188	4.2544
Eu-152m	0.8208	0.9874	1.1129	1.1857
Eu-152n	1.3961	1.6387	2.1315	2.4365
Eu-154	2.4856	2.9394	3.2640	3.4460
Eu-154m	1.5568	1.8632	2.5526	2.9156
Eu-155	1.0867	1.2565	1.4568	1.6104
Eu-156	1.4888	1.7662	1.9606	2.0374
Eu-157	1.8974	2.2556	2.7404	2.9535
Eu-158	1.9678	2.3399	2.6314	2.7664
Eu-159	2.2153	2.6250	3.0682	3.3035
F-17	0.0004	0.0005	0.0005	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5080	1.7547	2.1015	2.1138
Fe-53	0.5335	0.6186	0.6926	0.7116
Fe-53m	3.5038	4.1482	4.4401	4.5342
Fe-55	0.1065	0.1617	0.4986	0.6416
Fe-59	1.3051	1.5408	1.6602	1.6848
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	1.7512	2.0580	2.2251	2.2794
Fe-62	1.1740	1.3691	1.5071	1.5165
Fm-251	1.7297	2.0967	2.9662	3.3849
Fm-252	0.0743	0.0973	0.1787	0.2100
Fm-253	1.4089	1.7565	2.7785	3.2184
Fm-254	0.0841	0.1089	0.1920	0.2239
Fm-255	0.7722	1.0257	1.9861	2.3616
Fm-256	16.6765	19.5487	21.2952	21.7602
Fm-257	1.8409	2.2363	3.2039	3.6294
Fr-212	2.9631	3.5317	4.5809	5.0629
Fr-219	0.0149	0.0174	0.0206	0.0218
Fr-220	0.2056	0.2583	0.4348	0.5178
Fr-221	0.2268	0.2634	0.3257	0.3457

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.3818	1.6516	2.2823	2.4973
Fr-223	1.0475	1.2685	1.8232	2.0560
Fr-224	1.5294	1.8148	2.2444	2.4051
Fr-227	2.4579	2.8770	3.5522	3.9156
Ga-64	1.7874	2.1261	2.2886	2.3283
Ga-65	1.5035	1.7779	2.2882	2.5621
Ga-66	1.2772	1.5518	1.9805	2.1341
Ga-67	1.5302	1.8573	2.9849	3.4769
Ga-68	0.0711	0.0928	0.1791	0.2154
Ga-70	0.0136	0.0163	0.0209	0.0224
Ga-72	2.6753	3.1945	3.3989	3.4674
Ga-73	1.7694	2.1697	3.4268	3.9475
Ga-74	2.9661	3.4965	3.7657	3.8136
Gd-142	1.3752	1.6315	1.8555	1.9334
Gd-143m	3.5685	4.2220	4.7534	5.0035
Gd-144	0.9565	1.1509	1.3328	1.4120
Gd-145m	1.3261	1.6014	1.9387	2.0876
Gd-145	2.1312	2.5530	2.8498	2.9544
Gd-146	4.3058	5.1187	5.9361	6.3887
Gd-147	4.2530	5.0238	5.6633	5.9076
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.1972	3.7980	4.3593	4.5841
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3663	1.6694	2.1597	2.3780
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.3170	2.7569	3.2351	3.5270
Gd-159	0.4285	0.5065	0.5999	0.6370
Gd-162	1.2855	1.5041	1.7500	1.8235
Ge-66	2.1856	2.6436	3.7743	4.2404
Ge-67	1.6117	1.8785	2.1417	2.1369
Ge-68	0.2624	0.3980	1.2245	1.5753
Ge-69	1.1006	1.3686	2.0939	2.3923
Ge-71	0.2662	0.4037	1.2419	1.5977
Ge-75	0.1730	0.1984	0.2218	0.2319
Ge-77	2.9678	3.4367	3.8234	3.9059
Ge-78	1.2904	1.4823	1.6475	1.7243
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6083	1.8782	2.2773	2.4262
Hf-169	2.3451	2.7491	3.3374	3.5505
Hf-170	3.1948	3.7656	4.8291	5.2548

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.5047	3.0049	4.3010	4.8866
Hf-173	3.8892	4.5442	5.4433	5.9183
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4629	2.8828	3.5613	3.8291
Hf-177m	13.4103	15.5856	18.6430	19.7259
Hf-178m	9.5396	11.0802	13.1415	13.8567
Hf-179m	5.5454	6.4937	8.0058	8.5678
Hf-180m	4.9594	5.7632	6.8578	7.2089
Hf-181	2.4025	2.8195	3.3738	3.6087
Hf-182	1.3986	1.6159	1.8748	1.9942
Hf-182m	4.2355	4.9644	6.0591	6.4902
Hf-183	2.1784	2.5649	2.8720	3.0484
Hf-184	2.2877	2.8004	4.3060	4.9368
Hg-190	2.8975	3.4502	4.6655	5.2696
Hg-191m	4.7486	5.5990	7.0167	7.7013
Hg-192	2.8413	3.3784	4.6395	5.2777
Hg-193	2.8778	3.4359	4.5647	5.1073
Hg-193m	2.8160	3.3327	4.1584	4.5520
Hg-194	0.1629	0.2448	0.6983	0.8910
Hg-195	1.7428	2.1178	3.1644	3.6883
Hg-195m	1.7701	2.2020	3.6810	4.3633
Hg-197	1.5931	1.9309	2.9414	3.4725
Hg-197m	1.4487	1.7744	2.7419	3.2191
Hg-199m	2.0326	2.4222	3.3050	3.6775
Hg-203	1.2685	1.4678	1.7134	1.8381
Hg-205	0.0433	0.0500	0.0610	0.0633
Hg-206	0.5975	0.6963	0.8280	0.8902
Hg-207	3.4462	4.0532	4.5443	4.7302
Ho-150	1.8182	2.1778	2.3513	2.4330
Ho-153	2.3440	2.7458	3.1535	3.3198
Ho-153m	2.7499	3.2196	3.7540	3.9614
Ho-154m	5.5433	6.4799	7.2508	7.4635
Ho-154	2.8963	3.3933	3.7956	3.9198
Ho-155	2.3302	2.7542	3.3592	3.5955
Ho-156	4.1520	4.8773	5.5467	5.8333
Ho-157	3.5562	4.1925	5.0343	5.3600
Ho-159	3.9921	4.6966	5.5881	6.0094
Ho-160	4.2117	4.9952	5.7492	6.0627
Ho-161	1.6165	1.9400	2.5787	2.8580
Ho-162	1.4150	1.6887	2.1505	2.3509

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.5666	3.0562	3.9057	4.2196
Ho-163	0.0043	0.0065	0.0200	0.0257
Ho-164	0.7929	0.9471	1.2214	1.3394
Ho-164m	1.3753	1.6817	2.5221	2.8738
Ho-166	0.2831	0.3389	0.4898	0.5612
Ho-166m	4.5420	5.3463	6.1128	6.3418
Ho-167	1.7191	1.9962	2.3154	2.4183
Ho-168	1.7060	2.0411	2.3343	2.4633
Ho-168m	0.2340	0.2982	0.5507	0.6561
Ho-170	4.0833	4.8043	5.5415	5.8438
I-118m	5.0740	5.9540	6.4838	6.6523
I-118	1.7405	2.0420	2.2285	2.2850
I-119	1.8581	2.1521	2.4995	2.6762
I-120	2.2018	2.5939	2.8766	2.9525
I-120m	4.4216	5.1847	5.6844	5.8290
I-121	2.2015	2.5521	3.0582	3.1917
I-122	0.4591	0.5405	0.6372	0.6767
I-123	2.2300	2.6053	3.1295	3.2638
I-124	1.8140	2.1372	2.4869	2.6331
I-125	1.6437	1.9475	2.5558	2.8496
I-126	1.3498	1.5844	1.8422	1.9499
I-128	0.2288	0.2671	0.3095	0.3234
I-129	0.9086	1.0732	1.3649	1.5091
I-130m	0.4211	0.5001	0.6495	0.7105
I-130	3.9451	4.6458	5.0117	5.1214
I-131	1.5406	1.8295	1.9589	2.0813
I-132	3.5158	4.1698	4.4536	4.5671
I-132m	1.1296	1.3443	1.6811	1.8181
I-133	1.2415	1.4522	1.5873	1.6078
I-134m	2.1268	2.4767	2.9475	3.1761
I-134	3.6862	4.3840	4.6814	4.8066
I-135	1.6475	1.9456	2.0966	2.1281
In-103	2.7368	3.2164	3.5461	3.5787
In-105	2.5077	2.9491	3.3095	3.4763
In-106	4.3697	5.1598	5.5984	5.7682
In-106m	2.0104	2.3701	2.5773	2.6387
In-107	2.3478	2.7601	3.2187	3.3195
In-108	5.8673	6.9311	7.6800	7.9738
In-108m	2.1933	2.5973	2.9235	3.0250
In-109	2.4866	2.9123	3.4943	3.6325

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.1416	1.3407	1.4558	1.5038
In-110	5.3845	6.4015	7.1258	7.4386
In-110m	1.6105	1.9069	2.1551	2.2534
In-111	3.4068	3.9657	4.7126	4.9113
In-111m	1.1177	1.3076	1.4624	1.4961
In-112	0.3293	0.3970	0.5266	0.5800
In-112m	0.7831	0.9355	1.2222	1.3353
In-113m	1.0469	1.2237	1.4340	1.5077
In-114	0.0062	0.0075	0.0095	0.0102
In-114m	0.6841	0.8112	1.0366	1.1119
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9316	1.0950	1.3222	1.4099
In-116m	2.6613	3.1430	3.3914	3.4438
In-117	2.5667	2.9839	3.3168	3.3168
In-117m	0.6949	0.8141	0.9686	1.0112
In-118m	3.3309	3.9339	4.2297	4.3120
In-118	0.0822	0.0972	0.1048	0.1060
In-119	1.3518	1.6349	1.8331	1.9288
In-119m	0.1782	0.2142	0.2777	0.3038
In-121	1.3449	1.5949	1.7040	1.7600
In-121m	0.7075	0.8324	1.0134	1.1060
Ir-180	3.3870	4.0023	4.8523	5.2770
Ir-182	3.2893	3.8825	4.7858	5.2445
Ir-183	3.4264	4.0741	5.2953	5.8706
Ir-184	4.9579	5.8513	7.1642	7.7973
Ir-185	3.1342	3.7779	5.3786	6.1192
Ir-186	4.7976	5.6643	6.9106	7.4818
Ir-186m	2.7899	3.3201	4.0637	4.4239
Ir-187	2.1618	2.5977	3.6580	4.1636
Ir-188	3.5056	4.1598	5.0965	5.4785
Ir-189	1.4928	1.8116	2.7547	3.2081
Ir-190	5.2584	6.1617	7.3834	7.8042
Ir-190m	0.1495	0.2264	0.6860	0.8812
Ir-190n	1.2475	1.5017	2.1734	2.5065
Ir-191m	1.4417	1.7681	2.7657	3.2594
Ir-192	2.9283	3.4000	3.8477	3.9863
Ir-192m	0.1762	0.2656	0.7744	0.9909
Ir-192n	0.3756	0.5629	1.6199	2.0699
Ir-193m	0.1545	0.2316	0.6859	0.8792
Ir-194	0.2678	0.3112	0.3484	0.3606

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	6.1772	7.2106	8.0979	8.3750
Ir-195	1.1834	1.4282	2.1387	2.5007
Ir-195m	1.9596	2.3160	2.9921	3.2978
Ir-196	0.5401	0.6340	0.7014	0.7242
Ir-196m	6.6447	7.7680	8.9048	9.2888
K-38	1.2005	1.4266	1.5307	1.5314
K-40	0.1321	0.1573	0.1754	0.1796
K-42	0.2257	0.2673	0.2862	0.2885
K-43	2.3721	2.7545	3.0139	3.0835
K-44	1.8518	2.1942	2.3536	2.3798
K-45	2.3195	2.7111	2.9640	2.9342
K-46	1.8376	2.1812	2.3413	2.3454
Kr-74	2.0177	2.3735	3.0266	3.3282
Kr-75	1.8361	2.1679	2.5963	2.8050
Kr-76	2.2532	2.7529	3.9410	4.4353
Kr-77	1.9672	2.3156	2.7392	2.9839
Kr-79	0.8916	1.1431	1.9621	2.3073
Kr-81	0.3537	0.5242	1.2997	1.6319
Kr-81m	1.0973	1.2930	1.6618	1.7175
Kr-83m	0.1527	0.2266	0.5767	0.7261
Kr-85	0.0051	0.0060	0.0066	0.0066
Kr-85m	1.3330	1.5550	1.7869	1.8277
Kr-87	0.9930	1.1636	1.2681	1.2887
Kr-88	1.7750	2.1056	2.3723	2.4072
Kr-89	2.1171	2.4913	2.7092	2.7458
La-128	3.9693	4.6334	5.1067	5.2659
La-129	1.8164	2.1076	2.4391	2.6000
La-130	2.8969	3.3897	3.7583	3.8708
La-131	2.3973	2.7826	3.2581	3.4833
La-132	2.6735	3.1344	3.5345	3.6555
La-132m	2.4658	2.8921	3.3545	3.5723
La-133	1.0674	1.2694	1.7211	1.9299
La-134	0.4286	0.5033	0.6236	0.6803
La-135	0.9407	1.1051	1.4104	1.5583
La-136	0.6337	0.7457	0.9444	1.0413
La-137	0.8870	1.0427	1.3394	1.4838
La-138	1.6732	1.9908	2.2557	2.3609
La-140	2.6114	3.0847	3.3289	3.3794
La-141	0.0234	0.0277	0.0298	0.0300
La-142	1.8505	2.1893	2.3474	2.3756

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.2641	0.3122	0.3352	0.3407
Lu-165	3.4833	4.0837	4.9293	5.2787
Lu-167	3.7847	4.4609	5.4606	5.8331
Lu-169m	0.1076	0.1632	0.5027	0.6469
Lu-169	3.5319	4.1587	5.0564	5.3797
Lu-170	3.4007	4.0271	4.8196	5.1081
Lu-171m	0.1197	0.1791	0.5365	0.6883
Lu-171	3.1497	3.7820	5.1030	5.6604
Lu-172	4.6731	5.5241	6.6594	7.1019
Lu-172m	0.0967	0.1467	0.4520	0.5816
Lu-173	2.8322	3.3154	4.2231	4.6100
Lu-174	1.3806	1.6403	2.2521	2.5086
Lu-174m	1.4904	1.8239	2.8715	3.3233
Lu-176	3.0987	3.6016	4.4230	4.6596
Lu-176m	0.3194	0.3873	0.6143	0.7237
Lu-177	0.3508	0.4078	0.5085	0.5457
Lu-177m	7.0681	8.2123	9.8742	10.4554
Lu-178	0.3230	0.3856	0.5263	0.5905
Lu-178m	5.8022	6.7096	7.9099	8.3795
Lu-179	0.1964	0.2252	0.2592	0.2621
Lu-180	2.8499	3.3446	3.8986	4.0882
Lu-181	2.2233	2.6450	3.4372	3.7557
Mg-27	1.2262	1.4670	1.5530	1.5980
Mg-28	2.4122	2.8259	3.1536	3.2789
Mn-50m	4.0670	4.8407	5.1641	5.2641
Mn-51	0.0088	0.0113	0.0199	0.0234
Mn-52	3.6971	4.4207	4.8952	5.0762
Mn-52m	1.2250	1.4513	1.5621	1.5766
Mn-53	0.0868	0.1316	0.4060	0.5225
Mn-54	1.2770	1.5674	1.9162	2.0768
Mn-56	1.7104	2.0501	2.1709	2.2174
Mn-57	0.5506	0.6982	1.1953	1.4207
Mn-58m	2.7133	3.2382	3.4520	3.5119
Mo-101	2.1657	2.5540	2.8976	2.9841
Mo-102	0.1426	0.1643	0.1860	0.1878
Mo-89	0.2706	0.3233	0.3609	0.3730
Mo-90	3.2463	3.8580	4.8294	5.2624
Mo-91m	1.1604	1.3736	1.5102	1.5511
Mo-91	0.0442	0.0567	0.0899	0.1010
Mo-93	0.5060	0.6657	1.1621	1.3330

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.3271	3.9319	4.3909	4.5538
Mo-99	0.4102	0.4872	0.5474	0.5642
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.8492	1.0200	1.0773	1.0598
Na-22	1.2275	1.4542	1.5665	1.5784
Na-24	2.4116	2.8695	3.0720	3.0686
Nb-87	2.1309	2.5050	3.1427	3.2556
Nb-88m	4.4456	5.2299	5.6873	5.8298
Nb-88	5.5571	6.5605	7.4153	7.7363
Nb-89	0.5138	0.6283	0.7956	0.8459
Nb-89m	1.1529	1.3651	1.5936	1.6440
Nb-90	3.9857	4.7577	5.5216	5.7599
Nb-91	0.4886	0.6548	1.1984	1.3930
Nb-91m	0.4613	0.6027	1.0308	1.1790
Nb-92	2.8867	3.4772	4.2211	4.4811
Nb-92m	1.7541	2.1595	2.8020	3.0463
Nb-93m	0.0963	0.1279	0.2355	0.2740
Nb-94m	0.3514	0.4620	0.8055	0.9244
Nb-94	2.3545	2.8112	2.9793	3.0656
Nb-95	1.1683	1.4089	1.4815	1.5235
Nb-95m	0.6993	0.8574	1.2402	1.3665
Nb-96	3.8053	4.5162	4.8393	4.9486
Nb-97	1.1735	1.3793	1.4790	1.5204
Nb-98m	3.7229	4.4474	4.7333	4.8449
Nb-99	2.3015	2.6931	3.2030	3.4706
Nb-99m	0.8547	1.0073	1.1273	1.1672
Nd-134	2.6234	3.0749	3.5373	3.6742
Nd-135	2.9414	3.4605	4.0380	4.2122
Nd-136	2.4055	2.8649	3.3973	3.6968
Nd-137	2.6704	3.1679	3.6192	3.8499
Nd-138	1.0153	1.2229	1.4894	1.6277
Nd-139	1.0023	1.2000	1.4234	1.5345
Nd-139m	4.0058	4.7605	5.3387	5.6687
Nd-140	0.9246	1.1174	1.3713	1.5058
Nd-141	0.9465	1.1428	1.3950	1.5283
Nd-141m	1.1484	1.3828	1.4717	1.5212
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2050	1.4203	1.6226	1.7542
Nd-149	2.1030	2.4482	2.7680	2.8914
Nd-151	2.4446	2.8597	3.1504	3.3146

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.8766	1.0269	1.2492	1.3470
Ne-19	0.0002	0.0003	0.0003	0.0003
Ne-24	1.2798	1.4923	1.6400	1.6590
Ni-56	4.2736	5.0805	5.9674	6.2170
Ni-57	1.5567	1.8675	2.2721	2.4292
Ni-59	0.1504	0.2282	0.7040	0.9059
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5587	0.6595	0.7097	0.7198
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.0772	4.8964	6.3231	6.9858
Np-233	1.4644	1.7476	2.4357	2.7961
Np-234	2.3858	2.8848	3.8934	4.3529
Np-235	0.3447	0.4796	1.0404	1.2674
Np-236	2.8661	3.5557	5.5783	6.4237
Np-236m	0.8027	0.9682	1.3998	1.6158
Np-237	0.9681	1.2330	2.1131	2.4957
Np-238	1.0734	1.3221	1.8149	2.0128
Np-239	2.1956	2.6306	3.6862	4.1870
Np-240	3.2628	3.9662	5.3991	5.9693
Np-240m	0.8670	1.0675	1.5100	1.6769
Np-241	0.5579	0.6701	0.9379	1.0656
Np-242	0.3334	0.4047	0.4920	0.5249
Np-242m	2.7209	3.3656	4.7090	5.2425
O-14	1.1914	1.4187	1.5173	1.5126
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.0902	2.4132	2.6862	2.6375
Os-180	1.6753	2.0385	3.0932	3.5755
Os-181	4.2150	4.9929	6.2254	6.8105
Os-182	2.7529	3.2671	4.3571	4.7913
Os-183	4.0359	4.7541	6.0451	6.6528
Os-183m	2.3224	2.7629	3.4757	3.8097
Os-185	2.2517	2.6734	3.3501	3.6744
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1426	0.2161	0.6580	0.8457
Os-190m	4.9860	5.8559	7.0994	7.4516
Os-191	1.5643	1.9079	2.9080	3.4104
Os-191m	0.2668	0.3618	0.8384	1.0464
Os-193	0.5019	0.6008	0.8380	0.9503
Os-194	0.1965	0.2758	0.6628	0.8286
Os-196	0.5342	0.6272	0.7810	0.8584

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0009	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5296	0.6622	1.0754	1.2666
Pa-228	4.1647	5.0444	6.8548	7.6741
Pa-229	1.2486	1.5105	2.2260	2.5929
Pa-230	2.3887	2.8936	3.9817	4.4959
Pa-231	0.7786	1.0337	2.0110	2.4174
Pa-232	2.1630	2.6317	3.4472	3.7690
Pa-233	1.7719	2.1455	3.0664	3.4735
Pa-234	4.2171	5.1036	6.7156	7.4148
Pa-234m	0.0344	0.0416	0.0540	0.0596
Pa-235	0.0510	0.0774	0.2378	0.3059
Pa-236	1.5201	1.8434	2.3962	2.6173
Pa-237	1.0591	1.2709	1.4776	1.5603
Pb-194	3.4452	4.0675	5.1166	5.6293
Pb-195m	4.7349	5.6374	7.1629	7.8732
Pb-196	3.0897	3.6381	4.6826	5.2254
Pb-197	3.2768	3.8777	4.7213	5.1441
Pb-197m	4.1618	4.9349	6.2875	6.9242
Pb-198	2.9749	3.5084	4.5361	5.0583
Pb-199	2.7612	3.2651	4.0674	4.4797
Pb-200	2.6474	3.1497	4.2895	4.8796
Pb-201	3.1235	3.6832	4.5955	5.0620
Pb-201m	1.1414	1.3502	1.6872	1.8664
Pb-202	0.1525	0.2300	0.6705	0.8579
Pb-202m	3.8578	4.5711	5.2034	5.4680
Pb-203	2.5313	2.9758	3.8475	4.3268
Pb-204m	3.5975	4.2558	4.6553	4.8299
Pb-205	0.1544	0.2328	0.6787	0.8683
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2420	0.3420	0.7921	0.9827
Pb-211	0.1458	0.1723	0.1949	0.2046
Pb-212	1.2321	1.4377	1.8130	2.0157
Pb-214	1.3000	1.5269	1.9026	2.0799
Pd-100	2.8180	3.3306	4.1733	4.6074
Pd-101	1.8628	2.2667	3.0709	3.3386
Pd-103	0.6563	0.8190	1.2215	1.3543
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0643	1.2410	1.5033	1.5214

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3977	0.4842	0.6854	0.7690
Pd-111	0.0910	0.1067	0.1180	0.1221
Pd-112	0.2386	0.3074	0.5121	0.5818
Pd-114	0.1854	0.2145	0.2408	0.2548
Pd-96	2.9601	3.5250	4.0609	4.3322
Pd-97	2.5718	3.0305	3.4184	3.5440
Pd-98	2.4746	2.9253	3.5813	3.8922
Pd-99	2.4472	2.8896	3.3604	3.5626
Pm-136	3.7259	4.3864	4.7652	4.8989
Pm-137m	4.3915	5.1322	5.7828	6.0345
Pm-139	0.7820	0.9286	1.0640	1.1249
Pm-140m	4.0935	4.8505	5.2771	5.4491
Pm-140	0.3019	0.3612	0.4058	0.4249
Pm-141	0.6964	0.8391	0.9840	1.0536
Pm-142	0.2754	0.3332	0.3955	0.4273
Pm-143	1.3900	1.6829	1.9604	2.1092
Pm-144	3.8304	4.5396	5.0510	5.2721
Pm-145	0.9669	1.1754	1.4425	1.5857
Pm-146	2.0980	2.4966	2.8024	2.9291
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.7067	0.8336	0.8982	0.9123
Pm-148m	3.9929	4.6779	5.0890	5.2232
Pm-149	0.0494	0.0576	0.0667	0.0706
Pm-150	2.2460	2.6394	2.8674	2.9270
Pm-151	1.6558	1.9416	2.1990	2.2938
Pm-152m	3.8182	4.4731	4.9710	5.2340
Pm-152	0.7002	0.8298	0.9224	0.9847
Pm-153	1.0353	1.2213	1.4486	1.5888
Pm-154	2.1077	2.5069	2.7888	2.9073
Pm-154m	3.5983	4.2329	4.7361	4.9050
Po-203	3.6007	4.2844	5.3111	5.8332
Po-204	4.8810	5.8494	7.8921	8.9643
Po-205	3.4560	4.1193	5.0424	5.5544
Po-206	3.9688	4.7635	6.3325	7.1054
Po-207	3.1436	3.7307	4.5695	5.0392
Po-208	0.0001	0.0001	0.0001	0.0002
Po-209	0.0302	0.0381	0.0671	0.0804
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0136	0.0161	0.0174	0.0179
Po-212m	0.0550	0.0650	0.0702	0.0705

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0002	0.0002
Po-215	0.0005	0.0006	0.0006	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	5.2074	6.0882	6.7018	6.8775
Pr-134m	2.3890	2.7975	3.0880	3.1658
Pr-135	1.9428	2.2800	2.6511	2.8306
Pr-136	2.6726	3.1422	3.4906	3.5905
Pr-137	0.8439	1.0083	1.2232	1.3307
Pr-138	0.2854	0.3421	0.4125	0.4489
Pr-138m	4.5535	5.3950	5.9664	6.2268
Pr-139	0.8772	1.0508	1.2980	1.4260
Pr-140	0.4677	0.5602	0.6920	0.7603
Pr-142	0.0451	0.0534	0.0571	0.0576
Pr-142m	0.0068	0.0104	0.0319	0.0411
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0277	0.0329	0.0351	0.0357
Pr-144m	0.3915	0.4811	0.6638	0.7518
Pr-145	0.0400	0.0476	0.0525	0.0552
Pr-146	1.3114	1.5436	1.6730	1.6967
Pr-147	2.3889	2.8333	3.2707	3.5058
Pr-148	1.6901	1.9774	2.1583	2.2148
Pr-148m	2.4893	2.8983	3.1842	3.2731
Pt-184	5.5989	6.6516	8.9309	9.9604
Pt-186	2.8675	3.4118	4.3968	4.8826
Pt-187	3.4923	4.1505	5.5317	6.2153
Pt-188	2.4021	2.8616	3.9739	4.4620
Pt-189	3.1993	3.8165	5.1975	5.8889
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.8758	3.4248	4.6888	5.3247
Pt-193	0.1592	0.2405	0.7104	0.9102
Pt-193m	0.3866	0.5117	1.0917	1.3513
Pt-195m	1.7356	2.1474	3.5870	4.2842
Pt-197	0.4755	0.5905	1.0065	1.2059
Pt-197m	1.1419	1.4228	2.4042	2.8613
Pt-199	0.6321	0.7425	0.8916	0.9420
Pt-200	0.8979	1.0879	1.6440	1.9203
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0906	1.3023	1.8132	2.0798
Pu-234	1.2233	1.4693	2.0914	2.4075
Pu-235	1.6152	1.9539	2.8446	3.2817
Pu-236	0.1112	0.1532	0.3178	0.3831
Pu-237	1.0815	1.3314	2.0649	2.4060
Pu-238	0.1024	0.1412	0.2935	0.3540
Pu-239	0.0537	0.0753	0.1711	0.2101
Pu-240	0.0964	0.1329	0.2760	0.3328
Pu-241	0.0000	0.0000	0.0001	0.0001
Pu-242	0.0827	0.1140	0.2367	0.2854
Pu-243	0.4758	0.5650	0.7651	0.8781
Pu-244	0.0945	0.1249	0.2293	0.2704
Pu-245	1.4221	1.6772	2.0182	2.1751
Pu-246	1.9289	2.3082	3.0738	3.4064
Ra-219	0.9288	1.0860	1.3211	1.4339
Ra-220	0.0123	0.0144	0.0161	0.0164
Ra-221	0.5934	0.7368	1.1708	1.3580
Ra-222	0.0385	0.0446	0.0509	0.0529
Ra-223	1.4404	1.7065	2.3030	2.6201
Ra-224	0.0638	0.0738	0.0878	0.0940
Ra-225	0.4761	0.6079	0.8544	0.9697
Ra-226	1.3062	1.5306	1.7509	1.7252
Ra-227	1.2054	1.5059	2.4159	2.8031
Ra-228	1.3691	1.5990	1.8472	1.7487
Ra-230	0.7182	0.8550	1.1642	1.3115
Rb-77	1.9592	2.2906	2.6102	2.7504
Rb-78m	3.0592	3.5968	3.9226	4.0094
Rb-78	2.3243	2.7555	3.0564	3.1047
Rb-79	2.2150	2.6378	3.2528	3.4569
Rb-80	0.3455	0.4058	0.4489	0.4648
Rb-81	0.7971	1.0146	1.6060	1.8440
Rb-81m	0.4049	0.5557	1.0771	1.3037
Rb-82	0.2081	0.2558	0.3011	0.3220
Rb-82m	4.2573	5.1317	6.0353	6.3930
Rb-83	1.4585	1.8212	2.6954	3.0328
Rb-84	1.1163	1.4094	1.9723	2.2203
Rb-84m	1.7618	2.0619	2.4993	2.6514
Rb-86m	1.1583	1.3534	1.4877	1.5143
Rb-86	0.1091	0.1287	0.1382	0.1417
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.4892	0.5818	0.6214	0.6296
Rb-89	2.0920	2.4740	2.6557	2.7011
Rb-90	1.1131	1.3333	1.4151	1.4266
Rb-90m	2.5322	3.0347	3.2349	3.2869
Re-178	3.0082	3.5550	4.4950	4.9192
Re-179	3.7204	4.3800	5.4262	5.8608
Re-180	3.1073	3.7109	4.7144	5.2071
Re-181	3.6476	4.3154	5.5280	6.0633
Re-182	7.2634	8.5427	10.7177	11.6466
Re-182m	3.7399	4.4210	5.5814	6.1387
Re-183	2.6897	3.2232	4.6089	5.2153
Re-184	2.7962	3.3435	4.2100	4.6424
Re-184m	2.4947	2.9819	4.1508	4.6855
Re-186	0.3121	0.3721	0.5007	0.5645
Re-186m	0.7159	0.9690	2.2010	2.7331
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3711	0.4374	0.5425	0.5732
Re-188m	1.5770	1.9174	2.9826	3.4940
Re-189	0.4081	0.4811	0.6390	0.6957
Re-190	3.7618	4.3841	4.9453	5.0600
Re-190m	3.2193	3.7805	4.5727	4.8646
Rh-100m	1.0692	1.3113	1.8570	2.0532
Rh-100	3.4481	4.1176	4.8013	4.9794
Rh-101	2.9347	3.4584	4.2366	4.4828
Rh-101m	1.7407	2.0776	2.6465	2.8293
Rh-102	1.1310	1.3568	1.7123	1.8137
Rh-102m	4.3855	5.2089	5.9992	6.2450
Rh-103m	0.0807	0.1034	0.1785	0.2063
Rh-104	0.0279	0.0328	0.0374	0.0386
Rh-104m	1.3259	1.5806	2.0346	2.1840
Rh-105	0.3163	0.3659	0.4065	0.4173
Rh-106	0.4045	0.4727	0.5158	0.5235
Rh-106m	4.5064	5.3088	5.7405	5.8449
Rh-107	1.2263	1.4173	1.5732	1.6226
Rh-108	0.7698	0.8952	0.9837	1.0018
Rh-109	1.3954	1.6169	1.8310	1.8940
Rh-94	2.9113	3.4505	3.7077	3.7750
Rh-95	2.0439	2.4367	2.7145	2.8025
Rh-95m	1.2055	1.4197	1.5820	1.6134
Rh-96	4.6775	5.5696	6.0510	6.2375

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.2472	1.5082	1.7651	1.8532
Rh-97	1.7535	2.0784	2.4171	2.5132
Rh-97m	2.8742	3.4115	4.0243	4.1388
Rh-98	1.3864	1.6358	1.7923	1.8488
Rh-99	2.5420	3.0259	3.8145	4.1019
Rh-99m	1.9840	2.3665	2.9374	3.1165
Rn-207	2.7385	3.2289	3.9078	4.2592
Rn-209	3.0569	3.6105	4.3872	4.7884
Rn-210	0.2175	0.2592	0.3358	0.3734
Rn-211	3.7837	4.4921	5.3980	5.8358
Rn-212	0.0006	0.0007	0.0007	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0017	0.0019	0.0019
Rn-219	0.2579	0.2988	0.3464	0.3688
Rn-220	1.4421	1.6669	1.8192	2.0027
Rn-222	0.0009	0.0011	0.0012	0.0012
Rn-223	1.3702	1.6734	2.4334	2.7706
Ru-103	1.1731	1.3682	1.5101	1.5230
Ru-105	1.7071	2.0158	2.2398	2.3219
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7076	0.8269	0.9103	0.9217
Ru-108	0.6485	0.7548	0.8768	0.8862
Ru-92	5.9867	7.0552	8.5047	8.9793
Ru-94	1.8497	2.2244	2.8264	3.0199
Ru-95	2.4830	2.9588	3.5653	3.7564
Ru-97	1.9645	2.3279	2.9995	3.1527
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.1131	1.3322	1.4235	1.4044
S-38	1.0485	1.2429	1.3364	1.3427
Sb-111	2.1594	2.5207	2.8360	2.8907
Sb-113	1.6152	1.8919	2.1666	2.2484
Sb-114	2.0618	2.4445	2.6805	2.7437
Sb-115	1.7379	2.0436	2.4021	2.5165
Sb-116	1.9535	2.3214	2.6116	2.7075
Sb-116m	5.5740	6.5556	7.4122	7.7822
Sb-117	2.1597	2.5335	3.0530	3.1833
Sb-118	0.2609	0.3118	0.4018	0.4437
Sb-118m	5.5240	6.5123	7.4672	7.9099

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.9595	1.1567	1.6004	1.8076
Sb-120	0.4887	0.5850	0.7767	0.8685
Sb-120m	5.9098	6.8782	7.7942	8.1529
Sb-122m	1.8518	2.1640	2.6337	2.9019
Sb-122	0.9157	1.0702	1.1711	1.1943
Sb-124	2.2422	2.6367	2.8386	2.8907
Sb-124m	0.9016	1.0600	1.2086	1.2553
Sb-124n	0.0238	0.0361	0.1114	0.1434
Sb-125	1.6550	1.9365	2.2694	2.3941
Sb-126	5.1174	6.0287	6.4863	6.6584
Sb-126m	3.0804	3.6162	3.9190	4.0234
Sb-127	1.4717	1.7296	1.8831	1.9380
Sb-128	5.6715	6.7064	7.2043	7.3897
Sb-128m	3.6798	4.3652	4.6857	4.8161
Sb-129	1.9954	2.3701	2.5342	2.5929
Sb-130m	4.3167	5.1402	5.5079	5.6218
Sb-130	6.2242	7.3575	7.9632	8.1154
Sb-131	2.5224	2.9811	3.2012	3.2798
Sb-133	2.6630	3.1551	3.3829	3.4386
Sc-42m	3.6541	4.2985	4.6577	4.7115
Sc-43	0.2822	0.3282	0.3780	0.3929
Sc-44	1.2611	1.4914	1.6110	1.6416
Sc-44m	1.1701	1.3459	1.5106	1.5914
Sc-46	2.4723	2.9386	3.1339	3.2129
Sc-47	1.0069	1.1634	1.2912	1.2570
Sc-48	3.8741	4.5732	4.9125	5.0154
Sc-49	0.0007	0.0009	0.0009	0.0009
Sc-50	3.5405	4.1710	4.5016	4.5585
Se-70	1.9354	2.4153	4.0684	4.7439
Se-71	1.4100	1.6607	1.8577	1.9159
Se-72	1.1828	1.5419	2.9179	3.5012
Se-73	2.3335	2.7465	3.4573	3.7882
Se-73m	0.2780	0.3494	0.5915	0.6980
Se-75	2.8001	3.3555	4.6758	5.2970
Se-77m	0.9367	1.1340	1.6242	1.7634
Se-79m	0.4047	0.5553	1.2533	1.5621
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0239	0.0277	0.0305	0.0317
Se-81m	0.4586	0.6165	1.3204	1.6349
Se-83m	1.2328	1.4506	1.5642	1.6017

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.1156	4.8280	5.2546	5.3440
Se-84	1.2334	1.4279	1.5787	1.6109
Si-31	0.0009	0.0010	0.0011	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.1175	2.4868	2.7834	2.9025
Sm-140	1.6209	1.9399	2.2492	2.3981
Sm-141	1.9146	2.2611	2.5376	2.6333
Sm-141m	3.9718	4.6874	5.2478	5.3752
Sm-142	0.9039	1.1062	1.3314	1.4538
Sm-143	0.5820	0.7101	0.8474	0.9209
Sm-143m	1.1493	1.3846	1.4759	1.5264
Sm-145	1.8847	2.2944	2.7377	2.9826
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0012	0.0032	0.0040
Sm-153	1.3156	1.5580	1.8110	1.9727
Sm-155	1.4087	1.6120	1.7905	1.9523
Sm-156	1.2224	1.4258	1.7502	1.8800
Sm-157	1.9635	2.2770	2.5774	2.5961
Sn-106	3.2031	3.7628	4.3680	4.6234
Sn-108	3.1755	3.7108	4.3619	4.6208
Sn-109	2.8420	3.3720	3.8749	4.0565
Sn-110	2.0129	2.3576	2.8507	3.0708
Sn-111	0.7031	0.8443	1.0932	1.2021
Sn-113	0.7836	0.9435	1.2778	1.4288
Sn-113m	0.5486	0.6593	0.9010	1.0160
Sn-117m	2.0278	2.3757	2.8486	2.9523
Sn-119m	0.6269	0.7616	1.0938	1.2458
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2030	0.2463	0.3569	0.4083
Sn-123	0.0080	0.0095	0.0102	0.0104
Sn-123m	1.3821	1.6006	1.8075	1.7865
Sn-125m	1.2754	1.4759	1.6366	1.6778
Sn-125	0.4086	0.4840	0.5187	0.5311
Sn-126	1.1946	1.3847	1.6946	1.9001
Sn-127m	1.1727	1.3687	1.5062	1.5179
Sn-127	2.6165	3.0838	3.3433	3.4241
Sn-128	3.4129	4.0044	4.7930	5.1580
Sn-129	1.5425	1.8129	1.9489	1.9986

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.5238	4.1147	4.6416	4.8025
Sn-130m	2.1558	2.5348	2.8478	2.9999
Sr-79	1.4394	1.7298	2.1630	2.3717
Sr-80	1.2136	1.5138	2.2143	2.4824
Sr-81	2.0060	2.3512	2.7118	2.7832
Sr-82	0.3994	0.5774	1.2346	1.5114
Sr-83	1.4735	1.8868	2.8644	3.2712
Sr-85	1.5318	1.9005	2.7018	2.9956
Sr-85m	1.4132	1.6398	1.9593	2.0514
Sr-87m	1.0741	1.2615	1.4958	1.5697
Sr-89	0.0001	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9972	1.1809	1.2615	1.2977
Sr-92	1.2670	1.4984	1.6132	1.6300
Sr-93	3.2692	3.8657	4.2543	4.3588
Sr-94	1.2663	1.5008	1.6089	1.6240
Ta-170	1.5551	1.8362	2.3832	2.6315
Ta-172	3.5010	4.1222	5.0633	5.4255
Ta-173	2.7868	3.3110	4.4166	4.8795
Ta-174	2.8113	3.3054	4.2444	4.5845
Ta-175	3.8119	4.4842	5.5338	5.9777
Ta-176	3.6008	4.2712	5.2487	5.6381
Ta-177	1.3622	1.6134	2.1714	2.4264
Ta-178	1.4031	1.6663	2.2781	2.5557
Ta-178m	7.1718	8.3277	10.0354	10.7275
Ta-179	0.6609	0.8016	1.2252	1.4105
Ta-180	1.1471	1.3626	1.8778	2.1125
Ta-182	3.1324	3.6839	4.4447	4.7954
Ta-182m	3.3226	3.9554	5.4475	5.9883
Ta-183	3.0771	3.6500	4.9844	5.5739
Ta-184	4.8048	5.6477	6.7743	7.2513
Ta-185	1.7059	2.0318	2.8310	3.1251
Ta-186	4.5708	5.3346	6.1331	6.3599
Tb-146	2.7487	3.2582	3.5505	3.6258
Tb-147m	1.9649	2.3474	2.6553	2.7582
Tb-147	3.4578	4.1007	4.5818	4.7783
Tb-148m	5.7612	6.8360	7.4852	7.7574
Tb-148	2.5433	3.0452	3.3382	3.4528
Tb-149m	2.6104	3.1394	3.4953	3.6598
Tb-149	3.1560	3.7378	4.2302	4.3849

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	5.8426	6.8788	7.6311	7.8862
Tb-150	3.0238	3.5909	4.0143	4.1633
Tb-151	4.2332	4.9831	5.7325	6.0507
Tb-151m	0.7130	0.8940	1.5331	1.7950
Tb-152m	3.7643	4.4284	5.2098	5.5016
Tb-152	2.8168	3.3322	3.7832	3.9486
Tb-153	2.7142	3.2157	3.8499	4.1106
Tb-154	3.3737	4.0239	4.5800	4.8220
Tb-155	2.7613	3.2542	3.8698	4.1919
Tb-156	4.8984	5.7806	6.6493	6.9376
Tb-156m	0.9728	1.1216	1.2735	1.3121
Tb-156n	0.1599	0.2124	0.4516	0.5549
Tb-157	0.1948	0.2541	0.4786	0.5753
Tb-158	2.4962	2.9841	3.5429	3.8028
Tb-160	2.2185	2.6157	2.9693	3.1180
Tb-161	1.0239	1.2294	1.7081	1.9245
Tb-162	2.8644	3.3673	3.7783	3.9688
Tb-163	2.4162	2.8091	3.1463	3.2360
Tb-164	4.7445	5.5864	6.2600	6.4622
Tb-165	1.0665	1.2660	1.4774	1.5352
Tc-101	1.3430	1.5534	1.7242	1.7759
Tc-102m	3.0670	3.6011	3.9068	3.9617
Tc-102	0.1407	0.1647	0.1799	0.1824
Tc-104	2.9696	3.4806	3.7919	3.8518
Tc-105	2.3904	2.7881	3.1499	3.2774
Tc-91	1.1300	1.3469	1.4722	1.4942
Tc-91m	0.8020	0.9416	1.0477	1.0623
Tc-92	5.0306	5.9311	6.5346	6.7170
Tc-93	1.7424	2.1199	2.6634	2.8224
Tc-93m	1.2904	1.5344	1.8353	1.9171
Tc-94	4.2470	5.1304	5.8347	6.1199
Tc-94m	1.5749	1.9023	2.1475	2.2418
Tc-95	1.7429	2.1501	2.7133	2.9200
Tc-95m	2.3487	2.8079	3.5033	3.6649
Tc-96	4.1583	5.0611	5.7762	6.0685
Tc-96m	0.3583	0.4548	0.7063	0.7915
Tc-97	0.5329	0.6909	1.1575	1.3151
Tc-97m	0.4345	0.5556	0.8969	1.0116
Tc-98	2.3653	2.8077	2.9879	3.0722
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.3834	1.6129	1.8197	1.9129
Te-113	1.3951	1.6563	1.7990	1.8448
Te-114	2.7377	3.2289	3.8459	4.1230
Te-115	2.2025	2.5996	2.8867	2.9833
Te-115m	2.5017	2.9718	3.2846	3.4002
Te-116	1.8494	2.1674	2.7258	3.0312
Te-117	1.9806	2.3571	2.6969	2.8468
Te-118	0.7890	0.9400	1.2520	1.4020
Te-119	1.9958	2.3567	2.7725	2.9633
Te-119m	3.5690	4.1907	4.8109	5.0117
Te-121	1.9901	2.3419	2.7883	2.9672
Te-121m	1.7783	2.0611	2.4958	2.6015
Te-123	0.0220	0.0329	0.0987	0.1266
Te-123m	1.7909	2.0898	2.4911	2.5644
Te-125m	1.3742	1.6309	2.1599	2.4143
Te-127	0.0166	0.0192	0.0216	0.0221
Te-127m	0.4334	0.5173	0.7147	0.8075
Te-129	0.3431	0.4103	0.5591	0.6221
Te-129m	0.3632	0.4326	0.5739	0.6406
Te-131	1.7352	2.0190	2.2546	2.3029
Te-131m	2.8078	3.3166	3.6428	3.7811
Te-132	2.2780	2.6320	3.1242	3.3024
Te-133	2.1099	2.4688	2.6968	2.7591
Te-133m	3.1595	3.7234	4.0804	4.2196
Te-134	2.9399	3.4192	3.8229	3.9557
Th-223	1.2417	1.4960	2.1649	2.5086
Th-224	0.2023	0.2390	0.3091	0.3273
Th-226	0.1471	0.1855	0.3089	0.3641
Th-227	1.3303	1.6573	2.6528	3.0705
Th-228	0.1075	0.1452	0.2941	0.3562
Th-229	1.8237	2.2801	3.7676	4.4428
Th-230	1.4307	1.7480	1.7315	1.8890
Th-231	0.9563	1.2652	2.4120	2.8960
Th-232	1.1853	1.3933	1.5565	1.6914
Th-233	0.3060	0.3864	0.6665	0.7872
Th-234	0.2419	0.2995	0.4685	0.5471
Th-235	0.1309	0.1545	0.1780	0.1881
Th-236	0.2520	0.3049	0.4315	0.4902
Ti-44	2.5874	2.9456	3.2457	3.5972
Ti-45	0.0110	0.0155	0.0383	0.0479

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.2877	1.4919	1.6458	1.6857
Ti-52	1.6641	1.9669	2.3823	2.6729
Tl-190	1.9180	2.2478	2.6621	2.8452
Tl-190m	4.8350	5.6809	6.5035	6.8589
Tl-194	2.0952	2.4632	3.0298	3.3054
Tl-194m	6.3280	7.4659	8.8613	9.5121
Tl-195	2.8720	3.4565	4.6867	5.2820
Tl-196	3.3776	3.9820	4.7750	5.1396
Tl-197	2.2889	2.7155	3.5707	4.0238
Tl-198	3.7141	4.3827	5.2683	5.6783
Tl-198m	4.2204	4.9887	6.2916	6.8959
Tl-199	2.2131	2.6195	3.5098	3.9653
Tl-200	3.4631	4.0841	4.9667	5.3896
Tl-201	1.7547	2.1054	3.0427	3.5328
Tl-202	2.3561	2.7766	3.5405	3.9173
Tl-204	0.0274	0.0332	0.0500	0.0590
Tl-206m	6.3979	7.4628	8.5029	8.8845
Tl-206	0.0014	0.0016	0.0023	0.0026
Tl-207	0.0033	0.0039	0.0042	0.0044
Tl-208	2.8486	3.3644	3.6749	3.7374
Tl-209	3.9665	4.6330	5.1737	5.4600
Tl-210	4.0147	4.7893	5.4854	5.7718
Tm-161	5.0051	5.8795	7.1506	7.6347
Tm-162	2.5959	3.0639	3.6101	3.8188
Tm-163	4.1784	4.8979	5.8362	6.2044
Tm-164	1.1593	1.3688	1.7104	1.8454
Tm-165	3.2651	3.8236	4.6142	4.9117
Tm-166	3.8593	4.5669	5.4248	5.7289
Tm-167	2.0571	2.4201	3.1495	3.3850
Tm-168	4.3429	5.1156	6.0672	6.3613
Tm-170	0.0943	0.1134	0.1719	0.1998
Tm-171	0.0159	0.0189	0.0261	0.0291
Tm-172	0.7439	0.8878	1.1318	1.2316
Tm-173	1.3023	1.5111	1.7173	1.7760
Tm-174	5.4255	6.3236	7.3301	7.6506
Tm-175	2.2165	2.6059	2.9328	3.0324
Tm-176	3.8423	4.5006	5.2575	5.4828
U-227	1.2584	1.5105	2.1322	2.4264
U-228	0.1325	0.1735	0.3215	0.3829
U-230	0.1228	0.1681	0.3459	0.4176

Nuclide	avg400	ctr400	mid400	cnr400
U-231	2.1108	2.6624	4.4526	5.2634
U-232	0.1096	0.1524	0.3243	0.3933
U-233	0.0572	0.0797	0.1719	0.2093
U-234	1.3683	1.5385	1.6547	1.6432
U-235	1.6314	1.8541	1.9931	2.3228
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0891	0.1245	0.2676	0.3251
U-237	2.2539	2.7163	3.8641	4.3685
U-238	1.2232	1.4157	1.7030	1.6440
U-239	0.8683	1.0178	1.2612	1.4230
U-240	0.3375	0.4513	0.8833	1.0592
U-242	0.3081	0.3591	0.4203	0.4505
V-47	0.0102	0.0127	0.0199	0.0227
V-48	2.6305	3.1214	3.4372	3.5427
V-49	0.0588	0.0892	0.2751	0.3540
V-50	1.2548	1.5081	1.7565	1.8390
V-52	1.2300	1.4572	1.5631	1.5752
V-53	1.2889	1.5187	1.6296	1.6766
W-177	4.9736	5.8672	7.4793	8.2321
W-178	0.4470	0.5599	0.9908	1.1800
W-179	1.4645	1.7708	2.6734	3.0807
W-179m	0.9776	1.1682	1.6589	1.8817
W-181	0.9887	1.1859	1.7088	1.9474
W-185m	0.6461	0.8556	1.8497	2.2772
W-185	0.0009	0.0011	0.0014	0.0016
W-187	1.4667	1.7234	2.0114	2.1529
W-188	0.0132	0.0155	0.0199	0.0218
W-190	2.3958	2.8371	3.7607	4.1454
Xe-120	2.6618	3.1246	3.8155	4.1384
Xe-121	1.9852	2.3240	2.6867	2.8469
Xe-122	1.0940	1.2851	1.6334	1.7950
Xe-123	2.1515	2.5144	2.9764	3.1361
Xe-125	2.5769	2.9926	3.6118	3.8179
Xe-127	2.6494	3.0683	3.6701	3.8051
Xe-127m	2.2112	2.5735	2.9963	3.2229
Xe-129m	1.6262	1.9176	2.4663	2.7257
Xe-131m	0.6755	0.7974	1.0522	1.1709
Xe-133	1.1158	1.2845	1.5227	1.6929
Xe-133m	0.7899	0.9267	1.1889	1.3102
Xe-135	1.2781	1.4637	1.6397	1.7387

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.0966	1.2808	1.4433	1.4823
Xe-137	0.4182	0.4870	0.5363	0.5438
Xe-138	1.6050	1.8835	2.1820	2.2850
Y-81	1.7609	2.0979	2.6881	3.0284
Y-83	1.0776	1.3426	1.8740	2.0891
Y-83m	1.1687	1.3801	1.7148	1.8517
Y-84m	3.9909	4.7573	5.1197	5.2735
Y-85	0.9856	1.1882	1.4993	1.5970
Y-85m	1.0986	1.3325	1.6973	1.8259
Y-86	4.1903	5.0146	5.7996	6.0775
Y-86m	1.3952	1.6001	1.8584	1.8473
Y-87	1.4977	1.8511	2.6209	2.8912
Y-87m	1.0500	1.2347	1.4716	1.5452
Y-88	2.7893	3.4147	4.2422	4.5533
Y-89m	1.2223	1.4590	1.5522	1.6008
Y-90	0.0001	0.0001	0.0001	0.0002
Y-90m	2.5242	2.9150	3.3230	3.3075
Y-91	0.0032	0.0038	0.0041	0.0042
Y-91m	1.1369	1.3312	1.4793	1.5113
Y-92	0.3250	0.3848	0.4126	0.4221
Y-93	0.1672	0.1946	0.2136	0.2220
Y-94	0.9608	1.1414	1.2179	1.2494
Y-95	0.7368	0.8745	0.9369	0.9446
Yb-162	2.6402	3.0903	3.8067	4.0752
Yb-163	1.8452	2.1948	2.8636	3.1310
Yb-164	1.1537	1.3576	1.7658	1.9207
Yb-165	2.8844	3.4238	4.7219	5.2978
Yb-166	2.1705	2.5448	3.2864	3.5914
Yb-167	4.5160	5.2969	6.8317	7.5036
Yb-169	5.1210	5.9775	7.4484	7.9973
Yb-175	0.2082	0.2417	0.2831	0.3012
Yb-177	0.7589	0.8882	1.0328	1.0829
Yb-178	0.1430	0.1671	0.1984	0.2089
Yb-179	2.3364	2.7281	3.0438	3.1457
Zn-60	1.4378	1.6818	1.8634	1.9494
Zn-61	0.5455	0.6432	0.7062	0.7176
Zn-62	1.2935	1.5986	2.3909	2.7207
Zn-63	0.2188	0.2634	0.3264	0.3529
Zn-65	0.8342	1.0520	1.7373	2.0215
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.1448	1.3326	1.5072	1.5459
Zn-71	0.6411	0.7505	0.8198	0.8366
Zn-71m	3.6132	4.2072	4.6085	4.7020
Zn-72	1.8210	2.2105	3.2873	3.7175
Zr-85	1.1071	1.2991	1.4705	1.5130
Zr-86	2.4285	2.9761	4.2866	4.8023
Zr-87	0.1716	0.2191	0.3334	0.3758
Zr-88	1.6469	2.0056	2.7440	3.0047
Zr-89	1.5898	1.9612	2.5085	2.7302
Zr-89m	1.1656	1.3697	1.5306	1.5770
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1543	1.3842	1.4617	1.5031
Zr-97	1.3857	1.6560	1.7674	1.8170

Table 19: Concrete 1 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.4020	0.3240	0.3832	0.4205	0.3330	0.2417	0.3410	0.3655
Ac-224	3.4399	2.9527	3.3449	3.4670	3.4199	2.8935	3.2894	3.9505
Ac-225	0.5639	0.4660	0.5416	0.5873	0.4684	0.3409	0.4978	0.4968
Ac-226	1.4901	1.2797	1.4602	1.4939	1.5198	1.3018	1.4468	1.8378
Ac-227	0.1379	0.1049	0.1304	0.1483	0.0945	0.0552	0.1057	0.0962
Ac-228	2.1538	1.7971	2.0253	2.1439	2.2527	1.9471	2.2521	2.7979
Ac-230	0.9299	0.7690	0.8755	0.9292	0.9664	0.8212	0.9757	1.1488
Ac-231	3.1097	2.6756	2.9898	3.0846	3.3269	2.9204	3.0709	4.2146
Ac-232	1.4451	1.1813	1.3557	1.4308	1.5484	1.3312	1.5517	1.8074
Ac-233	1.2344	1.0325	1.1423	1.2507	1.4015	1.2671	1.2711	1.6778
Ag-100m	2.1491	1.7778	1.9788	2.0983	2.6023	2.3910	2.4404	3.2158
Ag-101	1.9720	1.6973	1.8609	1.9178	2.2533	2.0398	2.0864	2.9103
Ag-102m	1.3785	1.1357	1.2888	1.3468	1.6322	1.4702	1.5355	1.9336
Ag-102	3.2899	2.7464	3.0468	3.2302	3.9279	3.5944	3.6836	4.8167
Ag-103	2.3918	2.1106	2.3408	2.3123	2.5798	2.2793	2.5027	3.1449
Ag-104	4.2365	3.5955	3.9407	4.1831	4.9089	4.4639	4.6584	6.0946
Ag-104m	1.7235	1.4730	1.6118	1.7094	1.9912	1.7960	1.8610	2.3741
Ag-105	2.5640	2.2849	2.4334	2.5168	2.7564	2.4080	2.5879	3.5459
Ag-105m	0.0533	0.0378	0.0497	0.0579	0.0352	0.0195	0.0353	0.0372
Ag-106	0.5199	0.4740	0.5015	0.5245	0.5276	0.4463	0.5201	0.5929
Ag-106m	5.1767	4.4208	4.8293	5.1104	5.9850	5.4383	5.6288	7.5336
Ag-108	0.0499	0.0445	0.0471	0.0497	0.0539	0.0471	0.0518	0.0646
Ag-108m	3.9990	3.4816	3.7297	3.9744	4.5722	4.1317	4.2612	5.8042
Ag-109m	0.4360	0.4058	0.4290	0.4423	0.3931	0.2998	0.3864	0.4279
Ag-110	0.0566	0.0480	0.0518	0.0560	0.0676	0.0622	0.0624	0.0839
Ag-110m	3.7669	3.1174	3.4473	3.6824	4.5539	4.2222	4.2834	5.8110
Ag-111	0.1101	0.0949	0.1032	0.1056	0.1283	0.1166	0.1137	0.1836
Ag-111m	0.2505	0.2273	0.2449	0.2563	0.2185	0.1621	0.2169	0.2415
Ag-112	0.8548	0.7115	0.7855	0.8368	1.0383	0.9546	0.9607	1.2746
Ag-113m	0.8269	0.7103	0.7772	0.8021	0.9326	0.8332	0.8475	1.2771
Ag-113	0.2436	0.2078	0.2277	0.2328	0.2844	0.2589	0.2544	0.3948
Ag-114	0.3573	0.2989	0.3296	0.3529	0.4313	0.3978	0.3943	0.5256
Ag-115	0.8562	0.7224	0.8157	0.8373	1.0023	0.9160	0.9233	1.2979
Ag-116	2.0634	1.7015	1.9155	2.0287	2.5023	2.2945	2.3107	3.0462
Ag-117	1.6820	1.4135	1.6160	1.6023	1.9702	1.7816	1.8436	2.4931
Ag-99	2.3590	1.9865	2.2164	2.2844	2.7720	2.5364	2.5749	3.6341
Al-26	1.1035	0.8677	1.0351	1.0432	1.3678	1.2360	1.2991	1.5730
Al-28	1.0731	0.8451	1.0071	1.0146	1.3334	1.2048	1.2722	1.5303
Al-29	1.1409	0.9082	1.0551	1.0714	1.4075	1.2821	1.3326	1.7941

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	3.5411	3.0488	3.4299	3.5637	3.5584	3.0336	3.4663	4.1206
Am-238	3.3086	2.8128	3.1708	3.3235	3.3828	2.9119	3.3610	3.8499
Am-239	4.3864	3.7671	4.2813	4.4728	4.2024	3.4859	4.1945	4.5785
Am-240	3.6461	3.0777	3.4793	3.6601	3.6368	3.0926	3.7100	4.1920
Am-241	1.2429	1.1299	1.2427	1.2790	1.3243	1.3228	1.3648	1.3757
Am-242	0.7005	0.6032	0.6821	0.7237	0.6062	0.4658	0.6627	0.6294
Am-242m	0.4945	0.4159	0.4769	0.5189	0.3804	0.2607	0.4490	0.3913
Am-243	1.3916	1.2373	1.3072	1.3796	1.3734	1.1579	1.2581	1.5879
Am-244	3.2600	2.7755	3.1163	3.3062	3.1812	2.6468	3.2977	3.7026
Am-244m	0.2606	0.2230	0.2518	0.2696	0.2151	0.1584	0.2480	0.2283
Am-245	0.4535	0.3914	0.4428	0.4531	0.4467	0.3786	0.4488	0.5168
Am-246	4.6378	3.9770	4.4799	4.7161	4.4950	3.7284	4.6299	5.2167
Am-246m	1.7511	1.4497	1.6337	1.7232	1.8944	1.6739	1.8977	2.3645
Am-247	1.6228	1.4019	1.5813	1.6136	1.6367	1.4040	1.6189	1.9206
Ar-37	0.0601	0.0412	0.0559	0.0661	0.0368	0.0179	0.0372	0.0371
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.1243	0.8964	1.0386	1.0536	1.3867	1.2643	1.3186	1.7715
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.3777	1.1133	1.2706	1.3226	1.6752	1.5422	1.5931	2.1205
Ar-44	2.3041	1.9078	2.2279	2.2413	2.7370	2.4877	2.5421	3.3600
As-68	2.7279	2.2139	2.5053	2.6242	3.2989	3.0431	3.1365	4.1733
As-69	0.5430	0.4461	0.5202	0.5396	0.5703	0.4933	0.5286	0.7168
As-70	3.6510	2.9543	3.3588	3.5128	4.3527	3.9940	4.1338	5.5177
As-71	2.3621	1.8961	2.3039	2.4171	2.2650	1.8487	2.0943	2.7443
As-72	1.2760	1.0318	1.1705	1.2723	1.4610	1.3231	1.3866	1.8699
As-73	2.2843	1.6036	2.1305	2.4989	1.4616	0.7709	1.4588	1.5129
As-74	1.2554	1.0067	1.1541	1.2851	1.2950	1.0996	1.2025	1.5401
As-76	0.7175	0.6043	0.6597	0.7109	0.8631	0.7982	0.7862	1.0600
As-77	0.0426	0.0365	0.0410	0.0419	0.0481	0.0439	0.0432	0.0632
As-78	1.6033	1.3273	1.4734	1.5631	1.9464	1.7924	1.8083	2.4308
As-79	0.0742	0.0632	0.0686	0.0725	0.0883	0.0816	0.0805	0.1232
At-204	5.6347	4.7897	5.2318	5.6166	6.3148	5.6565	5.7818	7.8871
At-205	3.2383	2.7447	3.0373	3.2199	3.3852	2.9071	3.1442	4.0194
At-206	5.8391	4.9592	5.4374	5.7918	6.5385	5.8564	6.0113	8.3072
At-207	4.7860	4.0312	4.4740	4.7413	5.1497	4.4902	4.7914	6.2274
At-208	7.1819	6.0489	6.7321	7.1226	7.9103	7.0057	7.3573	9.6670
At-209	6.7510	5.7070	6.3254	6.7608	7.2760	6.3863	6.7588	8.8039
At-210	5.6785	4.7190	5.3468	5.5426	6.1531	5.3598	5.8136	7.5629
At-211	0.9480	0.8108	0.8987	0.9556	0.8732	0.6915	0.8146	0.9584
At-215	0.0006	0.0006	0.0006	0.0006	0.0007	0.0007	0.0007	0.0010

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0464	0.0398	0.0440	0.0463	0.0447	0.0367	0.0411	0.0509
At-217	0.0016	0.0014	0.0016	0.0016	0.0017	0.0015	0.0016	0.0022
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.1200	1.8200	2.0170	2.0761	2.3856	2.1560	2.1635	3.2139
Au-186	3.5663	2.9951	3.3560	3.5735	3.8594	3.4082	3.4897	4.8722
Au-187	3.1409	2.5699	2.8950	3.1718	3.1338	2.6233	2.8497	3.7180
Au-190	4.0695	3.3768	3.7645	3.9958	4.4499	3.8983	4.0075	5.5938
Au-191	3.8964	3.2527	3.6020	3.9301	3.9298	3.3377	3.5177	4.8069
Au-192	3.8460	3.1845	3.5456	3.7810	4.1641	3.6268	3.7467	5.1888
Au-193	2.7281	2.2711	2.5169	2.7769	2.6117	2.1568	2.3158	3.0478
Au-193m	1.9487	1.5927	1.8373	1.9668	1.8710	1.5355	1.7264	2.3558
Au-194	3.2366	2.6935	2.9746	3.2006	3.4134	2.9465	3.0571	4.2758
Au-195	2.5641	2.0844	2.3562	2.6551	2.2698	1.7646	2.0341	2.5004
Au-195m	1.9690	1.6104	1.8537	1.9859	1.8911	1.5503	1.7441	2.3795
Au-196	3.0510	2.5776	2.8042	3.0287	3.1932	2.7574	2.8223	4.1945
Au-196m	4.5693	3.7312	4.3478	4.6649	4.2011	3.3382	3.9013	4.8815
Au-198	1.2116	1.0543	1.1283	1.1909	1.4211	1.3053	1.2770	2.0981
Au-198m	6.3567	5.3490	6.1037	6.4940	6.4684	5.5463	5.8019	7.7077
Au-199	1.2938	1.0960	1.2732	1.2867	1.3164	1.1177	1.1879	1.5772
Au-200	0.4524	0.3787	0.4192	0.4331	0.5357	0.4873	0.4913	0.7417
Au-200m	6.4106	5.4507	6.0457	6.3406	7.3021	6.6224	6.6189	9.4944
Au-201	0.1948	0.1563	0.1820	0.2008	0.1817	0.1445	0.1700	0.2128
Au-202	0.2804	0.2349	0.2591	0.2730	0.3330	0.3066	0.3073	0.4467
Ba-124	1.8570	1.6443	1.8108	1.8541	1.9975	1.6253	1.6710	2.6917
Ba-126	2.2318	1.9580	2.1466	2.2181	2.4530	2.0497	2.0905	3.3415
Ba-127	1.0721	0.9564	1.0537	1.0740	1.1307	0.8986	0.9381	1.4876
Ba-128	1.0844	0.9880	1.0638	1.0944	1.1099	0.8167	0.8582	1.5634
Ba-129	1.1887	1.0644	1.1679	1.1982	1.2325	0.9497	1.0091	1.6763
Ba-129m	4.2648	3.6628	4.0822	4.2403	4.7734	4.1299	4.2345	6.3218
Ba-131	2.8564	2.5294	2.7718	2.8372	3.1058	2.5963	2.6852	4.1347
Ba-131m	1.5326	1.3493	1.5115	1.5457	1.5768	1.2834	1.3411	1.9027
Ba-133	3.2498	2.9105	3.1196	3.2098	3.4876	2.8423	2.8705	4.8345
Ba-133m	1.0733	0.9318	1.0408	1.0945	1.0434	0.7616	0.8430	1.4398
Ba-135m	0.8702	0.7837	0.8514	0.8770	0.8981	0.6739	0.7001	1.2775
Ba-137m	1.1423	0.9714	1.0486	1.1343	1.3624	1.2402	1.2348	1.7164
Ba-139	0.4378	0.3842	0.4454	0.4272	0.4884	0.4305	0.4257	0.6224
Ba-140	0.9160	0.7621	0.8711	0.9345	0.9168	0.7418	0.8148	1.1466
Ba-141	2.5818	2.2014	2.4600	2.5317	2.9986	2.7197	2.6992	4.0029
Ba-142	2.2069	1.8711	2.0748	2.1366	2.5420	2.2859	2.3063	3.4246

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1218	0.1044	0.1131	0.1219	0.1450	0.1345	0.1298	0.1857
Bi-197	3.6180	3.0029	3.3618	3.5831	3.7994	3.2745	3.5539	4.5789
Bi-200	6.7644	5.7264	6.3015	6.6676	7.4257	6.6171	6.8135	9.6202
Bi-201	3.6503	3.0319	3.3955	3.6070	3.8601	3.3323	3.6069	4.6335
Bi-202	6.1663	5.1808	5.7139	6.0657	6.8313	6.0948	6.3265	8.7068
Bi-203	4.3571	3.6127	4.0550	4.3008	4.7036	4.1007	4.3917	5.6589
Bi-204	6.2719	5.2324	5.8100	6.1548	6.8955	6.1233	6.4296	8.8005
Bi-205	3.4282	2.8385	3.1875	3.3989	3.6097	3.1002	3.3675	4.2602
Bi-206	7.2491	6.0691	6.7334	7.1928	8.0060	7.1138	7.4082	9.9000
Bi-207	3.8301	3.1978	3.5432	3.7949	4.1012	3.5850	3.8000	4.9250
Bi-208	2.1898	1.7610	2.0637	2.1973	2.2932	1.9011	2.1542	2.6114
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.4336	1.2238	1.3498	1.3875	1.5915	1.4218	1.4200	2.1487
Bi-211	0.2224	0.1906	0.2067	0.2161	0.2474	0.2196	0.2201	0.3448
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3094	0.2436	0.2886	0.3201	0.2842	0.2214	0.2791	0.3361
Bi-213	0.4190	0.3617	0.3914	0.4154	0.4741	0.4278	0.4281	0.6375
Bi-214	1.5550	1.2745	1.4349	1.5046	1.8815	1.7224	1.7619	2.3212
Bi-215	1.0894	0.9292	1.0237	1.0608	1.1836	1.0401	1.0730	1.5300
Bi-216	1.8032	1.5447	1.6695	1.7963	2.1220	1.9514	1.9146	2.7241
Bk-245	3.5885	3.1078	3.5152	3.5830	3.5469	3.0174	3.5672	4.0208
Bk-246	3.5041	2.9802	3.3603	3.5303	3.4878	2.9553	3.5772	4.0381
Bk-247	1.7374	1.5261	1.6793	1.7127	1.8152	1.5872	1.6819	2.1301
Bk-248m	0.8171	0.7067	0.7968	0.8280	0.7660	0.6272	0.8019	0.8353
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4516	1.1920	1.3436	1.4076	1.5815	1.4139	1.5963	2.0162
Bk-251	1.9097	1.6480	1.8794	1.9051	1.8131	1.5046	1.9143	2.0512
Br-72	2.2979	1.8747	2.1173	2.2359	2.7258	2.4943	2.5810	3.5079
Br-73	1.5458	1.3088	1.4155	1.5268	1.6947	1.5151	1.5402	2.1455
Br-74	2.5682	2.0828	2.3868	2.4967	3.0571	2.7643	2.8816	3.7242
Br-74m	3.1988	2.6252	2.9467	3.1280	3.8242	3.4830	3.5805	4.7075
Br-75	1.9996	1.6826	1.8866	1.9461	2.1942	1.9391	2.0010	2.9669
Br-76	2.5435	2.0596	2.3589	2.5285	2.8535	2.5096	2.6861	3.4124
Br-76m	1.9107	1.5926	1.8341	2.0063	1.5587	1.0932	1.5274	1.8295
Br-77	1.9554	1.5668	1.8443	2.0187	1.7978	1.4103	1.7296	2.1405
Br-77m	0.9050	0.7307	0.8668	0.9526	0.7161	0.4840	0.7464	0.7122
Br-78	0.2360	0.1926	0.2176	0.2403	0.2453	0.2080	0.2315	0.2897
Br-80	0.1570	0.1271	0.1449	0.1608	0.1577	0.1307	0.1503	0.1848
Br-80m	1.7050	1.4063	1.6358	1.7985	1.3231	0.8431	1.3317	1.5270

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.7278	0.5720	0.6895	0.7772	0.5101	0.2897	0.5674	0.4954
Br-82	3.8468	3.1987	3.5309	3.7836	4.6480	4.3079	4.3292	5.8798
Br-83	0.0153	0.0130	0.0141	0.0154	0.0182	0.0168	0.0163	0.0220
Br-84m	3.4853	2.8906	3.2240	3.3739	4.2149	3.8882	3.9623	5.6026
Br-84	1.2403	0.9953	1.1448	1.1923	1.5108	1.3906	1.4401	1.8919
Br-85	0.0850	0.0697	0.0781	0.0829	0.1024	0.0953	0.0971	0.1333
C-10	1.1695	0.9794	1.0684	1.1614	1.4163	1.3166	1.3149	1.8044
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.1074	0.0736	0.0999	0.1181	0.0657	0.0320	0.0665	0.0662
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.9971	0.8017	0.9210	0.9441	1.2252	1.1206	1.1595	1.5635
Ca-49	1.0076	0.7777	0.9405	0.9415	1.2541	1.1347	1.2339	1.4731
Cd-101	2.6748	2.2875	2.5588	2.6343	3.0232	2.6901	2.7948	3.4992
Cd-102	2.2855	2.0178	2.1795	2.2723	2.4852	2.1850	2.3296	3.0475
Cd-103	2.1179	1.8146	2.0160	2.0667	2.3527	2.0449	2.2633	2.8220
Cd-104	2.0815	1.9118	2.0094	2.0720	2.0944	1.7494	1.9522	2.3814
Cd-105	1.5025	1.3017	1.4299	1.4715	1.6420	1.4173	1.5743	1.9793
Cd-107	1.2326	1.1619	1.2178	1.2496	1.1108	0.8438	1.1047	1.2095
Cd-109	1.1502	1.0842	1.1359	1.1659	1.0307	0.7787	1.0278	1.1239
Cd-111m	2.1846	1.9223	2.1444	2.1239	2.3936	2.1272	2.1778	3.1485
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0008	0.0008	0.0009	0.0009	0.0007	0.0008	0.0011
Cd-115	0.4899	0.4213	0.4569	0.4910	0.5725	0.5237	0.5126	0.7041
Cd-115m	0.0392	0.0319	0.0359	0.0375	0.0472	0.0438	0.0450	0.0616
Cd-117	1.6840	1.4106	1.5753	1.6137	1.9937	1.8147	1.8391	2.6424
Cd-117m	1.8429	1.4906	1.7050	1.7673	2.2364	2.0526	2.0998	2.7958
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.9999	1.6575	1.8759	1.9042	2.3839	2.1660	2.2154	3.1013
Cd-119m	2.1905	1.7806	2.0306	2.0998	2.6474	2.4260	2.4919	3.3435
Ce-130	2.8829	2.5405	2.8192	2.8323	3.0956	2.5900	2.7112	4.2077
Ce-131	3.0698	2.6375	2.9412	3.0301	3.4044	2.9433	3.0282	4.5346
Ce-132	2.7885	2.4615	2.7704	2.7977	3.0193	2.5508	2.5660	4.0553
Ce-133	2.4937	2.2511	2.4397	2.5330	2.5855	2.0628	2.0596	3.3288
Ce-133m	4.2160	3.6519	4.0071	4.1743	4.7249	4.0820	4.1351	6.2255
Ce-134	0.9266	0.8455	0.9149	0.9487	0.9141	0.6525	0.6902	1.3280
Ce-135	3.1681	2.7606	3.0184	3.1440	3.5315	3.0379	3.0387	4.8073
Ce-137	1.1268	0.9897	1.1014	1.1663	1.0527	0.7324	0.8238	1.4837
Ce-137m	0.8712	0.7803	0.8543	0.8841	0.8717	0.6740	0.6986	1.2659
Ce-139	2.2600	2.0090	2.2747	2.2470	2.4058	1.9816	2.0035	3.2057

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.9675	0.8527	0.9790	0.9236	1.0505	0.9224	0.9618	1.3644
Ce-143	1.7597	1.5497	1.6835	1.7491	1.8880	1.6070	1.5936	2.6731
Ce-144	0.3044	0.2698	0.3030	0.2922	0.3194	0.2742	0.2957	0.4254
Ce-145	2.6785	2.3329	2.5350	2.6847	2.9301	2.5300	2.5361	4.0233
Cf-244	0.1725	0.1480	0.1671	0.1801	0.1355	0.0951	0.1611	0.1395
Cf-246	0.1185	0.1017	0.1147	0.1236	0.0932	0.0655	0.1106	0.0960
Cf-247	2.7346	2.3477	2.6718	2.7726	2.4688	1.9699	2.6522	2.6983
Cf-248	0.1418	0.1217	0.1373	0.1480	0.1117	0.0787	0.1324	0.1152
Cf-249	1.5680	1.3584	1.4834	1.5497	1.6817	1.4739	1.5998	2.3267
Cf-250	0.1210	0.1036	0.1168	0.1254	0.1004	0.0738	0.1151	0.1073
Cf-251	2.1577	1.8638	2.1197	2.1728	2.0938	1.7542	2.1210	2.3648
Cf-252	0.7031	0.5911	0.6631	0.6901	0.7914	0.7050	0.7539	0.9944
Cf-253	0.3819	0.3243	0.3695	0.3999	0.2987	0.2091	0.3466	0.3186
Cf-254	21.8951	18.3332	20.5473	21.2411	25.9869	23.7345	24.0229	33.3474
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.3771	1.1347	1.3415	1.2967	1.6281	1.4742	1.5333	1.9742
Cl-36	0.0009	0.0006	0.0008	0.0009	0.0005	0.0003	0.0005	0.0005
Cl-38	0.7876	0.6185	0.7413	0.7502	0.9809	0.8832	0.9282	1.1299
Cl-39	1.7351	1.4244	1.6298	1.6436	2.0925	1.9156	1.9617	2.7216
Cl-40	2.0921	1.6558	1.9518	1.9881	2.5950	2.3467	2.4922	3.1215
Cm-238	1.7669	1.5322	1.7353	1.7854	1.7120	1.4378	1.7261	1.8294
Cm-239	3.6335	3.1444	3.5957	3.6570	3.7230	3.2247	3.6128	4.3015
Cm-240	0.1974	0.1685	0.1909	0.2065	0.1536	0.1064	0.1853	0.1578
Cm-241	4.0591	3.4772	3.9203	4.1229	3.9640	3.3182	3.9824	4.5142
Cm-242	0.1772	0.1512	0.1713	0.1854	0.1378	0.0955	0.1664	0.1416
Cm-243	2.1914	1.8644	2.1290	2.2378	2.0737	1.7016	2.0757	2.3181
Cm-244	0.1522	0.1298	0.1471	0.1592	0.1183	0.0819	0.1428	0.1215
Cm-245	2.3235	2.0050	2.2802	2.3669	2.2224	1.8425	2.2312	2.3744
Cm-246	0.1260	0.1074	0.1217	0.1314	0.0999	0.0704	0.1190	0.1041
Cm-247	1.0412	0.9087	0.9762	1.0197	1.2145	1.1131	1.0980	1.7969
Cm-248	1.8207	1.5264	1.7118	1.7750	2.1143	1.9115	1.9796	2.6907
Cm-249	0.2321	0.1681	0.2162	0.2495	0.1696	0.1078	0.1674	0.1842
Cm-250	17.2907	14.4766	16.2269	16.7750	20.5118	18.7302	18.9668	26.3110
Cm-251	0.4451	0.3814	0.4236	0.4449	0.4735	0.4166	0.4592	0.5685
Co-54m	3.4210	2.8181	3.1650	3.2636	4.1421	3.8063	3.8985	5.5769
Co-55	1.6229	1.3140	1.4910	1.5793	1.8901	1.7272	1.7988	2.4367
Co-56	3.2070	2.5385	2.9589	3.1267	3.7053	3.3207	3.5389	4.6618
Co-57	2.3939	1.9449	2.3344	2.3618	2.2124	1.7979	2.2778	2.5977
Co-58	1.5387	1.2207	1.4140	1.5675	1.6464	1.4392	1.5686	2.0885

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.4303	0.2950	0.4003	0.4732	0.2632	0.1284	0.2665	0.2656
Co-60	2.2872	1.8263	2.1073	2.1465	2.8032	2.5671	2.6795	3.5986
Co-60m	0.5005	0.3486	0.4651	0.5479	0.3195	0.1684	0.3177	0.3293
Co-61	1.2088	1.0591	1.0774	1.2045	1.2833	1.1452	1.0707	1.5019
Co-62	1.3202	1.0514	1.2166	1.2442	1.6116	1.4780	1.5356	2.0641
Co-62m	2.3551	1.8774	2.1684	2.2157	2.8716	2.6373	2.7357	3.6732
Cr-48	3.1171	2.6558	2.9981	3.0240	3.4020	3.0287	3.1159	4.2739
Cr-49	1.4970	1.3223	1.4580	1.4732	1.6335	1.4643	1.4096	1.8607
Cr-51	0.3782	0.2820	0.3516	0.3955	0.3065	0.2150	0.2894	0.3748
Cr-55	0.0005	0.0004	0.0005	0.0005	0.0006	0.0005	0.0006	0.0007
Cr-56	2.0008	1.7945	1.9205	1.9823	1.9954	1.6459	1.7034	2.2947
Cs-121	1.0564	0.9212	1.0294	1.0340	1.1917	1.0493	1.0512	1.5629
Cs-121m	1.9982	1.7361	1.9445	1.9935	2.2478	1.9825	1.9820	2.9734
Cs-123	1.5519	1.3732	1.4907	1.5525	1.7039	1.4418	1.4405	2.1358
Cs-124	0.5245	0.4516	0.4917	0.5093	0.6075	0.5381	0.5368	0.8509
Cs-125	1.2795	1.1344	1.2281	1.2814	1.4000	1.1609	1.1877	1.8183
Cs-126	0.8729	0.7622	0.8212	0.8580	1.0045	0.8873	0.8850	1.4440
Cs-127	2.0469	1.8317	1.9694	2.0286	2.2351	1.8562	1.9085	3.1499
Cs-128	0.6551	0.5813	0.6245	0.6552	0.7254	0.6083	0.6149	0.9958
Cs-129	1.9775	1.7920	1.9121	1.9797	2.0997	1.6584	1.7082	2.9886
Cs-130m	1.8225	1.6449	1.7769	1.8299	1.8242	1.3881	1.4601	2.3826
Cs-130	0.5312	0.4883	0.5211	0.5397	0.5374	0.3875	0.4161	0.7306
Cs-131	0.8279	0.7700	0.8188	0.8444	0.8135	0.5574	0.6105	1.1261
Cs-132	2.0312	1.7857	1.9171	2.0359	2.2691	1.9055	1.9480	2.9486
Cs-134	2.6121	2.1930	2.3927	2.5969	3.1546	2.9283	2.9109	3.9848
Cs-134m	0.7716	0.6520	0.7526	0.7825	0.7046	0.5065	0.6239	0.9094
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.3254	1.9251	2.1302	2.3060	2.8070	2.6142	2.6424	3.6791
Cs-136	3.6668	3.0600	3.4093	3.5474	4.3275	3.9673	4.0065	5.7604
Cs-137	1.3791	1.1105	1.3452	1.4287	1.5646	1.5350	1.6801	1.6285
Cs-138m	1.2782	1.1125	1.2361	1.2822	1.3940	1.1528	1.1957	1.8407
Cs-138	2.2504	1.8350	2.0913	2.1619	2.7325	2.5006	2.5789	3.4532
Cs-139	0.2271	0.1822	0.2107	0.2164	0.2794	0.2544	0.2637	0.3455
Cs-140	1.5241	1.2455	1.4085	1.4798	1.8585	1.7024	1.7335	2.2712
Cu-57	0.1192	0.0956	0.1091	0.1129	0.1437	0.1328	0.1380	0.1874
Cu-59	0.5947	0.4897	0.5491	0.5733	0.7115	0.6517	0.6630	0.9424
Cu-60	2.2689	1.8064	2.1052	2.1606	2.7641	2.5108	2.6339	3.4048
Cu-61	0.6967	0.5542	0.6447	0.7055	0.6888	0.5716	0.6362	0.8637
Cu-62	0.0197	0.0143	0.0183	0.0207	0.0162	0.0115	0.0159	0.0187
Cu-64	0.2628	0.1807	0.2445	0.2882	0.1640	0.0827	0.1657	0.1671

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1133	0.0910	0.1031	0.1069	0.1352	0.1262	0.1312	0.1792
Cu-67	1.2564	1.0745	1.2408	1.2721	1.3474	1.1919	1.1996	1.6168
Cu-69	0.6826	0.5580	0.6245	0.6582	0.8189	0.7622	0.7794	1.0619
Dy-148	2.2956	1.9752	2.1709	2.3209	2.4706	2.1698	2.1773	3.2288
Dy-149	3.5951	3.0564	3.4381	3.6036	3.8682	3.3974	3.4519	5.0222
Dy-150	1.4970	1.3101	1.4311	1.5045	1.5928	1.3956	1.3890	2.3596
Dy-151	3.3967	2.8650	3.2253	3.4027	3.6477	3.1943	3.2863	4.8397
Dy-152	2.4492	2.1227	2.3715	2.4332	2.5816	2.2664	2.2480	3.6189
Dy-153	4.4721	3.8679	4.3232	4.5130	4.6214	3.9913	4.0300	6.2072
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.0602	2.6306	2.9603	3.0837	3.2447	2.8507	2.8688	4.3897
Dy-157	2.5112	2.1727	2.3971	2.4909	2.6512	2.2956	2.2849	3.7602
Dy-159	1.4024	1.2252	1.3728	1.4518	1.3125	1.0690	1.0985	1.8413
Dy-165m	0.4350	0.3383	0.4145	0.4611	0.3514	0.2512	0.3231	0.4158
Dy-165	0.2432	0.2108	0.2348	0.2482	0.2472	0.2117	0.2109	0.3130
Dy-166	1.1576	0.9874	1.1163	1.1934	1.0756	0.8660	0.9174	1.3757
Dy-167	2.0549	1.7559	1.9418	2.0255	2.2967	2.0624	2.0428	3.0442
Dy-168	2.0370	1.7443	1.9619	2.0663	2.1899	1.9339	1.9472	2.8590
Er-154	1.6495	1.4238	1.6039	1.7137	1.4950	1.1485	1.2584	1.9587
Er-156	2.2385	1.8549	2.1600	2.3457	1.9517	1.4566	1.6753	2.5518
Er-159	2.8633	2.4344	2.7252	2.8879	3.0694	2.6883	2.7232	3.9547
Er-161	3.0439	2.5651	2.8923	3.0819	3.2159	2.8057	2.8814	4.2250
Er-163	1.2072	1.0423	1.1745	1.2522	1.1316	0.9205	0.9484	1.5191
Er-165	1.1704	1.0088	1.1383	1.2148	1.0934	0.8871	0.9173	1.4656
Er-167m	1.0601	0.8911	1.0325	1.0973	1.0877	0.9399	0.9751	1.4053
Er-169	0.0124	0.0085	0.0116	0.0137	0.0076	0.0037	0.0077	0.0077
Er-171	2.6569	2.2666	2.5328	2.6045	2.8537	2.5064	2.5405	3.7821
Er-172	2.2998	1.9710	2.1663	2.3229	2.4577	2.1557	2.1579	3.2548
Er-173	4.0718	3.4578	3.9451	4.0986	4.3975	3.9212	4.0356	5.5942
Es-249	3.0038	2.6004	2.9148	2.9678	3.0563	2.6345	3.0812	3.7313
Es-250	8.7893	7.5578	8.4984	8.8153	8.4870	7.0633	8.8294	9.9629
Es-250m	2.6326	2.2564	2.5542	2.5963	2.6421	2.2635	2.7302	3.0789
Es-251	2.4591	2.1169	2.4119	2.4707	2.2685	1.8460	2.4441	2.5303
Es-253	0.0474	0.0401	0.0458	0.0496	0.0373	0.0262	0.0433	0.0394
Es-254	1.7277	1.4279	1.6584	1.8203	1.3127	0.8897	1.5209	1.3728
Es-254m	1.3957	1.1920	1.3093	1.4087	1.4612	1.2585	1.4436	1.7480
Es-255	0.0009	0.0007	0.0008	0.0009	0.0011	0.0010	0.0010	0.0014
Es-256	0.2247	0.1952	0.2184	0.2338	0.1803	0.1281	0.2057	0.1934
Eu-142	0.3063	0.2553	0.2877	0.3033	0.3526	0.3169	0.3251	0.4593
Eu-142m	4.1819	3.4485	3.8445	4.1240	4.8644	4.4584	4.5500	6.2402

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.6026	0.5110	0.5779	0.5976	0.6468	0.5633	0.5834	0.8697
Eu-144	0.2643	0.2230	0.2537	0.2624	0.2871	0.2489	0.2613	0.3799
Eu-145	2.4142	2.0488	2.2880	2.4054	2.6285	2.3258	2.3837	3.5660
Eu-146	4.1739	3.5318	3.8924	4.1498	4.7822	4.3208	4.3610	6.2747
Eu-147	2.6164	2.2777	2.5473	2.6315	2.7107	2.3600	2.4316	3.7494
Eu-148	4.8595	4.1462	4.5340	4.8414	5.5583	5.0333	5.0147	7.2333
Eu-149	1.3091	1.1350	1.2754	1.3491	1.2044	0.9663	1.0327	1.7577
Eu-150	4.6411	3.9945	4.3559	4.5810	5.2438	4.7147	4.6635	7.2961
Eu-150m	0.2109	0.1843	0.2019	0.2105	0.2220	0.1928	0.1930	0.3275
Eu-152	3.0411	2.5941	2.9016	2.9737	3.3223	2.9535	3.0568	4.5546
Eu-152m	0.8352	0.7139	0.7969	0.8260	0.8947	0.7923	0.8222	1.2352
Eu-152n	1.7204	1.4670	1.6580	1.7588	1.6505	1.3655	1.4359	1.8762
Eu-154	2.5135	2.1065	2.3830	2.4212	2.8404	2.5739	2.7083	3.6923
Eu-154m	1.9422	1.6280	1.8431	2.0134	1.7946	1.4259	1.5374	2.1486
Eu-155	1.1888	1.0464	1.1577	1.1987	1.2156	1.0519	1.0450	1.4285
Eu-156	1.4662	1.2023	1.3688	1.4284	1.6934	1.5256	1.5672	2.1361
Eu-157	2.0684	1.7772	1.9523	2.1030	2.0965	1.7926	1.8127	2.8696
Eu-158	1.9911	1.6393	1.8500	1.9442	2.2438	2.0221	2.0981	2.9177
Eu-159	2.3456	2.0529	2.2559	2.3743	2.3740	2.0344	2.0462	3.1346
F-17	0.0004	0.0003	0.0004	0.0004	0.0005	0.0005	0.0005	0.0006
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7365	1.4824	1.7562	1.7115	1.8852	1.6653	1.6889	2.3386
Fe-53	0.5434	0.4695	0.5061	0.5273	0.6373	0.5818	0.5712	0.9509
Fe-53m	3.3377	2.7151	3.0597	3.2050	4.0471	3.7385	3.8412	5.1805
Fe-55	0.3568	0.2445	0.3319	0.3924	0.2181	0.1063	0.2209	0.2201
Fe-59	1.2279	0.9865	1.1321	1.1570	1.4871	1.3687	1.4223	1.9325
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.6855	1.3745	1.5617	1.5918	2.0153	1.8536	1.9094	2.6372
Fe-62	1.1592	0.9869	1.0741	1.1680	1.3818	1.2841	1.2363	1.6652
Fm-251	2.2401	1.9119	2.1920	2.2286	2.1281	1.7639	2.2239	2.4547
Fm-252	0.1201	0.1040	0.1166	0.1250	0.0959	0.0685	0.1124	0.1007
Fm-253	2.0058	1.7229	1.9592	2.0342	1.7753	1.3964	1.9505	1.9777
Fm-254	0.1301	0.1124	0.1260	0.1348	0.1073	0.0788	0.1232	0.1152
Fm-255	1.3559	1.1484	1.3093	1.4193	1.0576	0.7410	1.2496	1.1130
Fm-256	16.3014	13.6534	15.2988	15.8185	19.3395	17.6588	17.8827	24.8263
Fm-257	2.3958	2.0695	2.3466	2.4039	2.2722	1.8778	2.3732	2.5976
Fr-212	3.5482	2.9761	3.3768	3.5259	3.6606	3.1223	3.4866	4.3997
Fr-219	0.0165	0.0142	0.0156	0.0162	0.0182	0.0161	0.0164	0.0239
Fr-220	0.3254	0.2706	0.3113	0.3349	0.2790	0.2077	0.2784	0.3028
Fr-221	0.2684	0.2301	0.2605	0.2713	0.2853	0.2511	0.2630	0.3596

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.8010	1.5281	1.7535	1.8462	1.7970	1.5241	1.7679	2.1526
Fr-223	1.3572	1.1751	1.3158	1.3934	1.2495	0.9947	1.1957	1.4958
Fr-224	1.7604	1.4856	1.6950	1.7459	1.8871	1.6592	1.8328	2.3490
Fr-227	2.8424	2.4573	2.7051	2.8591	2.9694	2.5795	2.7225	3.4190
Ga-64	1.6554	1.3183	1.5265	1.5782	2.0031	1.8376	1.9269	2.5145
Ga-65	1.8230	1.5113	1.7572	1.8188	1.8306	1.5664	1.7255	2.1458
Ga-66	1.4065	1.0756	1.3022	1.3886	1.5032	1.2834	1.4564	1.8236
Ga-67	2.3501	1.8589	2.2431	2.4478	2.0983	1.6313	1.9179	2.4017
Ga-68	0.1297	0.0939	0.1199	0.1360	0.1044	0.0734	0.1032	0.1207
Ga-70	0.0160	0.0127	0.0151	0.0158	0.0167	0.0145	0.0159	0.0212
Ga-72	2.5460	2.0744	2.3480	2.4898	3.0995	2.8564	2.9158	3.9080
Ga-73	2.6398	2.0711	2.4662	2.6917	2.4299	1.9092	2.2368	3.1183
Ga-74	2.7956	2.2909	2.5870	2.7281	3.4098	3.1214	3.1608	4.1529
Gd-142	1.4110	1.2095	1.3554	1.4043	1.5363	1.3579	1.3675	2.0719
Gd-143m	3.6517	3.1151	3.4721	3.5910	4.0478	3.6174	3.6405	5.5176
Gd-144	0.9720	0.8355	0.9361	0.9777	1.0122	0.8679	0.8865	1.4090
Gd-145m	1.4843	1.2251	1.3753	1.5012	1.6138	1.4147	1.4854	2.0732
Gd-145	2.0327	1.6786	1.9328	1.9917	2.2865	2.0154	2.0964	2.9264
Gd-146	4.5640	4.0199	4.5360	4.5496	4.6184	3.9803	4.1055	6.1661
Gd-147	4.3744	3.7530	4.1606	4.3497	4.8432	4.3462	4.3490	6.7364
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3633	2.9292	3.2755	3.3264	3.5655	3.1212	3.1441	4.9455
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.5810	1.3605	1.5487	1.6271	1.4635	1.1816	1.2684	2.0546
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.4646	2.1796	2.4236	2.5320	2.4264	2.0562	2.0446	3.1929
Gd-159	0.4542	0.3962	0.4360	0.4586	0.4657	0.3996	0.3986	0.6636
Gd-162	1.3405	1.1507	1.2523	1.3316	1.5211	1.3728	1.3654	2.1916
Ge-66	2.8814	2.3384	2.7289	2.9520	2.7515	2.2449	2.5074	3.5402
Ge-67	1.7428	1.4859	1.7403	1.6991	1.9639	1.7644	1.7758	2.4564
Ge-68	0.8756	0.6011	0.8147	0.9628	0.5361	0.2618	0.5436	0.5406
Ge-69	1.5423	1.1693	1.4231	1.5751	1.4528	1.1619	1.4035	1.7585
Ge-71	0.8880	0.6096	0.8263	0.9765	0.5438	0.2655	0.5513	0.5483
Ge-75	0.1837	0.1578	0.1756	0.1775	0.2116	0.1943	0.1891	0.2932
Ge-77	3.0933	2.6313	2.9363	3.0476	3.6009	3.3068	3.2736	4.8389
Ge-78	1.3656	1.1717	1.2936	1.3024	1.5843	1.4495	1.4071	2.2271
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8082	1.5318	1.6938	1.7958	1.8987	1.6405	1.6449	2.5213
Hf-169	2.5549	2.1648	2.3864	2.6048	2.6791	2.3380	2.3397	3.3351
Hf-170	3.7568	3.1499	3.5746	3.8233	3.7492	3.1735	3.3161	4.5886

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	3.2070	2.6528	3.0246	3.3181	2.8820	2.2679	2.5544	3.4570
Hf-173	4.3265	3.6907	4.1591	4.2331	4.4847	3.9113	4.1428	5.7025
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7793	2.3545	2.5968	2.7940	2.8645	2.4569	2.4770	3.8143
Hf-177m	15.0659	12.7692	14.3035	14.9764	16.2486	14.3554	14.4844	21.3959
Hf-178m	10.5670	8.9678	9.9780	10.6093	11.5664	10.2972	10.2969	14.8449
Hf-179m	6.3187	5.3337	6.0059	6.3183	6.6296	5.7799	5.9573	8.6133
Hf-180m	5.4832	4.6577	5.1618	5.5032	5.9531	5.2768	5.2594	7.8412
Hf-181	2.6426	2.2352	2.5085	2.6075	2.8414	2.5190	2.6286	3.5748
Hf-182	1.5282	1.3040	1.4551	1.4843	1.6935	1.5210	1.5026	2.2864
Hf-182m	4.7769	4.0177	4.4974	4.8076	5.0354	4.4018	4.4887	6.3984
Hf-183	2.2743	1.9372	2.0935	2.2707	2.5301	2.2754	2.2589	3.1888
Hf-184	3.2955	2.6309	3.1451	3.3664	2.9735	2.3338	2.7787	3.6793
Hg-190	3.6829	3.0817	3.5089	3.6699	3.5504	2.9364	3.2832	4.1555
Hg-191m	5.5005	4.5865	5.1116	5.4825	5.7672	4.9963	5.2240	7.2397
Hg-192	3.6567	3.0411	3.4122	3.6855	3.5250	2.9035	3.1693	4.2302
Hg-193	3.5398	2.9225	3.2826	3.5723	3.5138	2.9428	3.2065	4.2275
Hg-193m	3.2179	2.6823	2.9678	3.2158	3.3692	2.9089	3.0620	4.1808
Hg-194	0.4903	0.3521	0.4590	0.5343	0.3136	0.1618	0.3298	0.3122
Hg-195	2.4305	1.9819	2.2378	2.4998	2.1953	1.7258	2.0001	2.4872
Hg-195m	2.7742	2.2062	2.5854	2.8731	2.3965	1.8047	2.2513	2.7818
Hg-197	2.2792	1.8686	2.1037	2.3400	2.0110	1.5523	1.8222	2.2357
Hg-197m	2.1082	1.7122	1.9998	2.1314	1.8836	1.4695	1.8148	2.1697
Hg-199m	2.6078	2.1877	2.5015	2.6122	2.5384	2.0938	2.2916	3.0055
Hg-203	1.4048	1.2004	1.3249	1.3573	1.5591	1.3937	1.3888	2.1136
Hg-205	0.0509	0.0434	0.0493	0.0522	0.0543	0.0479	0.0494	0.0680
Hg-206	0.6761	0.5752	0.6295	0.6562	0.7383	0.6487	0.6558	0.9799
Hg-207	3.4379	2.8308	3.1856	3.3004	3.9902	3.5963	3.7303	5.1512
Ho-150	1.8273	1.5286	1.6855	1.8221	2.1480	1.9774	1.9886	2.7877
Ho-153	2.4735	2.1188	2.3443	2.4404	2.6968	2.3855	2.3751	3.6617
Ho-153m	2.9404	2.5317	2.8367	2.9394	3.1496	2.7763	2.7853	4.1573
Ho-154m	5.6401	4.8305	5.2696	5.5521	6.4915	5.8927	5.7997	8.9665
Ho-154	2.9609	2.5124	2.7664	2.8876	3.3925	3.0588	3.0474	4.6424
Ho-155	2.5746	2.2028	2.4927	2.6047	2.6204	2.2415	2.3032	3.5063
Ho-156	4.2997	3.6504	4.1264	4.1877	4.7563	4.2459	4.3560	6.3056
Ho-157	3.8697	3.3358	3.7340	3.9078	3.9645	3.4038	3.4457	5.3468
Ho-159	4.3386	3.7581	4.2395	4.3281	4.4233	3.8120	3.9525	5.8582
Ho-160	4.4228	3.7300	4.1675	4.4371	4.8100	4.2713	4.3566	6.2777
Ho-161	1.8412	1.5942	1.7940	1.9077	1.6822	1.3189	1.4282	2.2086
Ho-162	1.6033	1.3786	1.5556	1.6513	1.5113	1.2309	1.2860	2.0238

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	2.9685	2.4886	2.8567	3.0225	2.9413	2.4637	2.6022	3.8589
Ho-163	0.0143	0.0098	0.0133	0.0157	0.0088	0.0043	0.0089	0.0088
Ho-164	0.9092	0.7822	0.8837	0.9426	0.8439	0.6819	0.7124	1.1290
Ho-164m	1.8481	1.5151	1.7750	1.9452	1.5821	1.1884	1.3712	2.0360
Ho-166	0.3764	0.3101	0.3584	0.3880	0.3376	0.2635	0.2973	0.4066
Ho-166m	4.8866	4.1289	4.6378	4.8859	5.4805	4.9327	4.9736	7.0948
Ho-167	1.8560	1.5911	1.7477	1.8192	2.0582	1.8279	1.8102	2.8853
Ho-168	1.8260	1.5175	1.7009	1.8323	2.0476	1.8389	1.8886	2.6139
Ho-168m	0.4012	0.3094	0.3815	0.4293	0.3082	0.2092	0.2805	0.3712
Ho-170	4.3300	3.6203	4.0933	4.2716	4.7727	4.2736	4.3780	6.2174
I-118m	5.0071	4.2163	4.6098	4.9133	5.9806	5.4833	5.4835	7.5389
I-118	1.7058	1.4359	1.5707	1.6779	2.0415	1.8667	1.8675	2.5396
I-119	1.8900	1.6581	1.8151	1.8416	2.1022	1.8367	1.8353	2.8781
I-120	2.0837	1.7451	1.9444	2.0462	2.4689	2.2079	2.2565	3.0180
I-120m	4.3160	3.6387	3.9822	4.2530	5.1488	4.6945	4.6978	6.3730
I-121	2.2791	2.0166	2.2316	2.3127	2.4577	2.0852	2.1364	3.2311
I-122	0.4462	0.3930	0.4225	0.4477	0.4930	0.4163	0.4275	0.6202
I-123	2.2638	2.0391	2.2912	2.2211	2.4037	1.9807	2.0339	3.0523
I-124	1.7514	1.5254	1.6525	1.7421	1.9650	1.6728	1.7321	2.4599
I-125	1.5585	1.4628	1.5420	1.5861	1.4875	1.0246	1.1602	1.9790
I-126	1.3267	1.1709	1.2513	1.3182	1.4865	1.2792	1.3004	2.0281
I-128	0.2236	0.1972	0.2112	0.2231	0.2528	0.2214	0.2209	0.3451
I-129	0.8688	0.8099	0.8602	0.8854	0.8566	0.6004	0.6467	1.2051
I-130m	0.4510	0.3891	0.4291	0.4603	0.4632	0.3693	0.3966	0.5802
I-130	3.9188	3.3121	3.5995	3.8899	4.7137	4.3683	4.3139	6.0003
I-131	1.3851	1.1474	1.3599	1.4333	1.5430	1.5294	1.6588	1.6057
I-132	3.4765	2.9033	3.1853	3.4290	4.1996	3.8931	3.8982	5.3364
I-132m	1.2319	1.0580	1.1734	1.2464	1.3019	1.0909	1.1643	1.6135
I-133	1.2258	1.0382	1.1318	1.2242	1.4660	1.3589	1.3256	1.7976
I-134m	2.1345	1.9046	2.0655	2.1019	2.2994	1.9110	1.9345	3.1933
I-134	3.5943	2.9688	3.3051	3.5042	4.3170	4.0077	4.0744	5.6152
I-135	1.5456	1.2501	1.4300	1.4702	1.8798	1.7234	1.7819	2.3961
In-103	2.7409	2.2984	2.6045	2.7010	3.2122	2.9290	2.9848	4.0799
In-105	2.5219	2.1601	2.4168	2.4279	2.8651	2.5827	2.7286	3.6197
In-106	4.2942	3.5829	3.9424	4.1998	5.1044	4.7145	4.7850	6.5052
In-106m	1.9289	1.6012	1.7805	1.8819	2.3228	2.1171	2.1620	2.8204
In-107	2.3802	2.0486	2.2824	2.3682	2.6596	2.3500	2.4592	3.3495
In-108	5.7739	4.8495	5.3614	5.6167	6.7496	6.1433	6.3270	8.6550
In-108m	2.0990	1.7638	1.9588	2.0465	2.4459	2.1824	2.2912	2.9411
In-109	2.6089	2.2953	2.5314	2.6324	2.8131	2.4532	2.5941	3.5343

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.1441	0.9726	1.0466	1.1334	1.3681	1.2566	1.2528	1.6973
In-110	5.3184	4.5000	4.9122	5.2289	6.1690	5.6057	5.8001	7.8267
In-110m	1.6004	1.3736	1.4855	1.5865	1.8482	1.6564	1.7097	2.2659
In-111	3.6058	3.1937	3.5749	3.5462	3.9067	3.4315	3.5341	5.0109
In-111m	1.1063	0.9501	1.0269	1.1106	1.2960	1.1848	1.1647	1.5693
In-112	0.3344	0.3096	0.3253	0.3372	0.3225	0.2532	0.3030	0.3758
In-112m	0.7818	0.7255	0.7815	0.7805	0.7505	0.5784	0.6672	0.9048
In-113m	1.0362	0.9241	0.9802	1.0195	1.1562	1.0179	1.0352	1.6897
In-114	0.0061	0.0055	0.0059	0.0061	0.0063	0.0051	0.0059	0.0075
In-114m	0.7120	0.6405	0.6996	0.7228	0.7160	0.5839	0.6456	0.8804
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.9501	0.8462	0.9032	0.9266	1.0208	0.8657	0.9030	1.3971
In-116m	2.4979	2.0275	2.3118	2.3710	3.0335	2.7827	2.8701	3.9507
In-117	2.6379	2.2877	2.5862	2.5778	3.0437	2.7605	2.7077	3.7408
In-117m	0.7205	0.6401	0.7071	0.6982	0.7777	0.6656	0.6852	1.0106
In-118m	3.1748	2.5807	2.9126	3.0318	3.8403	3.5462	3.6375	4.9732
In-118	0.0769	0.0619	0.0709	0.0728	0.0940	0.0862	0.0888	0.1206
In-119	1.3829	1.1630	1.2785	1.3861	1.5940	1.4416	1.4915	2.0327
In-119m	0.1879	0.1620	0.1787	0.1859	0.1898	0.1552	0.1768	0.2384
In-121	1.3086	1.0730	1.1973	1.2623	1.5603	1.4558	1.4870	2.0657
In-121m	0.6649	0.6091	0.6303	0.6709	0.6588	0.5260	0.5475	0.8144
Ir-180	3.8225	3.1837	3.5586	3.7759	4.0811	3.5937	3.7646	5.1681
Ir-182	3.7651	3.1304	3.5227	3.7143	3.9536	3.4551	3.6627	4.9994
Ir-183	4.0769	3.3415	3.7400	4.1303	4.1003	3.4735	3.6794	4.9255
Ir-184	5.5683	4.6119	5.1664	5.5269	5.9101	5.1777	5.4068	7.4405
Ir-185	4.0904	3.2920	3.7660	4.2002	3.8503	3.1183	3.4681	4.4669
Ir-186	5.3956	4.4878	5.0085	5.3451	5.7375	5.0158	5.2244	7.2257
Ir-186m	3.1394	2.5843	2.8944	3.1313	3.3152	2.8895	3.0478	4.0463
Ir-187	2.8016	2.2722	2.5456	2.8862	2.6288	2.1427	2.3411	3.0780
Ir-188	3.8619	3.1600	3.5819	3.8522	4.1021	3.5496	3.7053	4.8573
Ir-189	2.0998	1.6834	1.9088	2.1864	1.8551	1.4482	1.6458	2.1086
Ir-190	5.8254	4.9031	5.4132	5.8687	6.3421	5.6283	5.6785	8.0182
Ir-190m	0.4887	0.3385	0.4552	0.5364	0.3018	0.1489	0.3081	0.3034
Ir-190n	1.6608	1.3498	1.5058	1.7213	1.5003	1.1927	1.3177	1.7094
Ir-191m	2.1091	1.6872	1.9608	2.1609	1.8444	1.4261	1.7403	2.0931
Ir-192	3.1202	2.6565	2.8959	3.0257	3.5864	3.2374	3.1785	4.8731
Ir-192m	0.5465	0.3871	0.5105	0.5971	0.3450	0.1748	0.3579	0.3443
Ir-192n	1.1438	0.8125	1.0684	1.2486	0.7268	0.3725	0.7527	0.7266
Ir-193m	0.4888	0.3405	0.4552	0.5357	0.3052	0.1536	0.3109	0.3076
Ir-194	0.2824	0.2395	0.2616	0.2705	0.3275	0.2958	0.2923	0.4538

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	6.4220	5.4613	5.9383	6.3182	7.4673	6.7988	6.7154	9.8209
Ir-195	1.6525	1.3481	1.5264	1.7097	1.4802	1.1601	1.3267	1.6373
Ir-195m	2.3544	1.9669	2.1913	2.3696	2.4083	2.0557	2.1614	3.0239
Ir-196	0.5541	0.4702	0.5123	0.5403	0.6491	0.5924	0.5880	0.8980
Ir-196m	6.9669	5.9329	6.4604	6.9097	7.9911	7.2421	7.2086	10.6589
K-38	1.0465	0.8151	0.9877	1.0018	1.3022	1.1696	1.2029	1.4961
K-40	0.1251	0.0988	0.1165	0.1190	0.1506	0.1347	0.1462	0.1814
K-42	0.2035	0.1624	0.1901	0.1923	0.2530	0.2290	0.2466	0.3010
K-43	2.3921	2.0544	2.2108	2.3413	2.8498	2.6239	2.5713	3.9129
K-44	1.6951	1.3514	1.5680	1.6087	2.0731	1.8963	1.9723	2.6007
K-45	2.2867	1.9037	2.2306	2.2153	2.7074	2.4553	2.5031	3.3212
K-46	1.6531	1.3054	1.5328	1.5489	2.0432	1.8551	1.9615	2.5163
Kr-74	2.4339	2.0683	2.3354	2.4363	2.5062	2.1543	2.3155	3.0240
Kr-75	2.0702	1.7766	2.0582	1.9668	2.2073	1.9447	2.1728	2.7164
Kr-76	2.9625	2.4800	2.8082	2.9786	2.9055	2.3745	2.7468	3.7262
Kr-77	2.2070	1.9010	2.2017	2.0683	2.3515	2.0850	2.3624	2.9314
Kr-79	1.4152	1.1535	1.3377	1.4574	1.2561	0.9447	1.2603	1.4913
Kr-81	0.8770	0.6893	0.8309	0.9364	0.6134	0.3472	0.6836	0.5943
Kr-81m	1.3443	1.1507	1.3290	1.3745	1.4190	1.2340	1.3327	1.7574
Kr-83m	0.3926	0.3032	0.3711	0.4210	0.2696	0.1504	0.2987	0.2631
Kr-85	0.0051	0.0043	0.0047	0.0051	0.0060	0.0056	0.0054	0.0073
Kr-85m	1.4609	1.2715	1.4735	1.3880	1.6204	1.4468	1.4962	2.0367
Kr-87	0.9491	0.8031	0.8853	0.9263	1.1431	1.0486	1.0469	1.6080
Kr-88	1.7456	1.4308	1.6660	1.7193	2.0521	1.8357	1.9307	2.5076
Kr-89	2.0540	1.6954	1.9177	2.0001	2.4634	2.2595	2.3046	3.1196
La-128	3.9490	3.3362	3.6792	3.8358	4.6548	4.2352	4.2156	6.1551
La-129	1.8475	1.6236	1.7807	1.8208	2.0509	1.7515	1.7568	2.7706
La-130	2.8618	2.4319	2.6643	2.7894	3.3625	3.0266	3.0247	4.5511
La-131	2.4225	2.1473	2.3411	2.4122	2.6599	2.2287	2.2372	3.6065
La-132	2.5896	2.2123	2.4331	2.5660	3.0076	2.6513	2.6585	3.9116
La-132m	2.5421	2.2047	2.4570	2.4829	2.7957	2.4197	2.5253	3.7041
La-133	1.1695	1.0296	1.1376	1.1987	1.1402	0.8114	0.8980	1.5753
La-134	0.4211	0.3803	0.4103	0.4270	0.4401	0.3278	0.3421	0.6100
La-135	0.9273	0.8519	0.9152	0.9477	0.9335	0.6510	0.6887	1.3373
La-136	0.6239	0.5708	0.6142	0.6366	0.6332	0.4479	0.4734	0.9039
La-137	0.8776	0.8067	0.8672	0.8979	0.8775	0.6052	0.6439	1.2599
La-138	1.6052	1.3461	1.5142	1.5741	1.8585	1.5944	1.6772	2.4056
La-140	2.4788	2.0405	2.3067	2.4024	3.0081	2.7488	2.8336	3.7503
La-141	0.0214	0.0170	0.0198	0.0201	0.0264	0.0240	0.0253	0.0329
La-142	1.7139	1.3882	1.5888	1.6593	2.0988	1.9146	1.9655	2.5594

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.2493	0.2033	0.2301	0.2409	0.3037	0.2788	0.2849	0.3783
Lu-165	3.8153	3.2359	3.6465	3.8240	3.9646	3.4316	3.5496	5.0435
Lu-167	4.0944	3.4260	3.8835	4.1132	4.3020	3.6768	3.8262	5.4506
Lu-169m	0.3596	0.2467	0.3346	0.3955	0.2200	0.1073	0.2229	0.2219
Lu-169	3.8572	3.2165	3.6473	3.8888	4.0228	3.4751	3.5984	5.0703
Lu-170	3.5617	2.9116	3.3432	3.5423	3.8218	3.3100	3.4764	4.7327
Lu-171m	0.3844	0.2651	0.3576	0.4221	0.2382	0.1190	0.2400	0.2417
Lu-171	3.8580	3.1976	3.6254	3.9836	3.7052	3.0500	3.3212	4.5484
Lu-172	5.1065	4.2297	4.7914	5.1116	5.4201	4.7378	4.9273	6.9057
Lu-172m	0.3233	0.2218	0.3008	0.3556	0.1978	0.0965	0.2004	0.1995
Lu-173	3.2596	2.7739	3.1010	3.3424	3.1681	2.6417	2.6957	3.9929
Lu-174	1.7003	1.4136	1.6085	1.7647	1.5644	1.2527	1.3432	1.9357
Lu-174m	2.1390	1.7101	2.0040	2.2543	1.8122	1.3610	1.5955	2.1733
Lu-176	3.6303	3.0518	3.4544	3.6521	3.8687	3.3874	3.4481	5.0490
Lu-176m	0.4741	0.3792	0.4450	0.4962	0.4077	0.3095	0.3628	0.4545
Lu-177	0.4148	0.3493	0.4010	0.4225	0.4283	0.3732	0.3896	0.5261
Lu-177m	7.9445	6.7567	7.6044	7.9534	8.4542	7.4489	7.5656	10.9702
Lu-178	0.4026	0.3247	0.3783	0.4107	0.3925	0.3231	0.3553	0.4547
Lu-178m	6.4327	5.5022	6.0893	6.4265	6.9878	6.1928	6.1604	9.0962
Lu-179	0.2178	0.1862	0.2122	0.2204	0.2427	0.2205	0.2204	0.3179
Lu-180	3.0007	2.4836	2.8065	2.9469	3.3606	3.0005	3.0883	4.4014
Lu-181	2.6808	2.2082	2.5198	2.7348	2.7277	2.3265	2.4676	3.3886
Mg-27	1.1935	0.9762	1.0903	1.1611	1.4340	1.3408	1.3697	1.8897
Mg-28	2.2248	1.9241	2.1027	2.1582	2.5974	2.2402	2.2948	3.5540
Mn-50m	3.8726	3.1453	3.5616	3.7250	4.7128	4.3498	4.4841	6.0331
Mn-51	0.0145	0.0108	0.0135	0.0152	0.0125	0.0093	0.0122	0.0146
Mn-52	3.6730	2.9634	3.3760	3.5707	4.3423	3.9595	4.1510	5.5146
Mn-52m	1.1185	0.8921	1.0403	1.0546	1.3827	1.2540	1.3350	1.6953
Mn-53	0.2905	0.1991	0.2703	0.3195	0.1776	0.0866	0.1799	0.1792
Mn-54	1.4638	1.1657	1.3430	1.4779	1.5952	1.4118	1.5228	2.0400
Mn-56	1.6273	1.3203	1.4995	1.5849	1.9807	1.8331	1.8751	2.5065
Mn-57	0.8908	0.7051	0.8501	0.9115	0.7672	0.5803	0.7955	0.8826
Mn-58m	2.5924	2.1188	2.3903	2.5182	3.1602	2.9173	2.9810	4.0552
Mo-101	2.2182	1.8340	2.0769	2.1831	2.5650	2.3243	2.4043	3.1998
Mo-102	0.1551	0.1347	0.1544	0.1522	0.1741	0.1583	0.1613	0.2239
Mo-89	0.2691	0.2228	0.2491	0.2620	0.3176	0.2899	0.3091	0.3985
Mo-90	3.7464	3.3018	3.6560	3.6330	3.9533	3.5158	4.1339	5.0051
Mo-91m	1.1383	0.9440	1.0505	1.1046	1.3652	1.2472	1.3066	1.6870
Mo-91	0.0618	0.0560	0.0604	0.0624	0.0567	0.0465	0.0731	0.0626
Mo-93	0.7975	0.7413	0.7866	0.8152	0.6821	0.5437	0.9385	0.7402

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.3421	2.8044	3.1263	3.2412	3.9399	3.5867	3.7700	4.9606
Mo-99	0.4325	0.3729	0.4158	0.4265	0.4921	0.4480	0.4685	0.6268
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.7005	0.5235	0.6366	0.6350	0.8732	0.7584	0.8469	1.0686
Na-22	1.1360	0.9059	1.0485	1.0639	1.4001	1.2773	1.3284	1.7993
Na-24	2.1238	1.6733	1.9866	2.0203	2.6455	2.3872	2.5314	3.2129
Nb-87	2.5466	2.2254	2.5188	2.5758	2.7037	2.4085	2.7379	3.3912
Nb-88m	4.3099	3.5701	3.9702	4.1551	5.1494	4.7609	4.8539	6.8176
Nb-88	5.6468	4.7466	5.2315	5.4726	6.5145	5.9609	6.2868	8.4170
Nb-89	0.5572	0.4686	0.5298	0.5459	0.6074	0.5303	0.6557	0.7153
Nb-89m	1.2073	1.0369	1.1269	1.2172	1.3832	1.2644	1.3132	1.6610
Nb-90	4.0536	3.3827	3.8978	3.8832	4.6034	4.1181	4.6256	5.6388
Nb-91	0.8246	0.7583	0.8106	0.8460	0.6929	0.5409	0.9675	0.7547
Nb-91m	0.7109	0.6559	0.6993	0.7250	0.6172	0.4952	0.8317	0.6753
Nb-92	3.1588	2.6946	2.9443	3.1313	3.4967	3.1562	3.5754	4.3245
Nb-92m	2.0432	1.7479	1.9205	2.0166	2.1484	1.9026	2.3722	2.6796
Nb-93m	0.1624	0.1461	0.1591	0.1676	0.1340	0.1030	0.1800	0.1445
Nb-94m	0.5538	0.5122	0.5453	0.5664	0.4739	0.3773	0.6468	0.5160
Nb-94	2.3274	1.9309	2.1252	2.2926	2.8089	2.6178	2.6397	3.6283
Nb-95	1.1652	0.9700	1.0664	1.1614	1.4132	1.3179	1.3226	1.8298
Nb-95m	0.9221	0.8302	0.9036	0.9293	0.9010	0.7731	1.0288	1.0984
Nb-96	3.7403	3.1105	3.4384	3.6742	4.5030	4.1822	4.1992	5.8304
Nb-97	1.1765	0.9934	1.0730	1.1641	1.4214	1.3155	1.3064	1.7721
Nb-98m	3.6460	3.0140	3.3557	3.5755	4.4162	4.0871	4.1464	5.6621
Nb-99	2.5720	2.2848	2.5716	2.4871	2.7238	2.4270	2.7296	3.1592
Nb-99m	0.8472	0.7111	0.8015	0.8285	0.9878	0.8946	0.9332	1.2107
Nd-134	2.7355	2.4086	2.7118	2.7058	2.9552	2.5497	2.5470	3.9694
Nd-135	3.0991	2.6936	3.0039	3.1390	3.3384	2.9043	2.9221	4.5477
Nd-136	2.4930	2.2121	2.4474	2.5198	2.5321	2.0878	2.1444	3.4484
Nd-137	2.6768	2.3357	2.5519	2.6687	2.9011	2.4802	2.5027	3.9419
Nd-138	1.0304	0.9310	1.0142	1.0534	1.0065	0.7751	0.8014	1.4964
Nd-139	1.0039	0.8926	0.9745	1.0151	1.0314	0.8368	0.8581	1.4939
Nd-139m	4.0130	3.4511	3.8204	3.9765	4.4480	3.9079	4.0005	5.9180
Nd-140	0.9369	0.8490	0.9244	0.9618	0.9016	0.6826	0.7100	1.3481
Nd-141	0.9550	0.8639	0.9412	0.9780	0.9261	0.7064	0.7337	1.3798
Nd-141m	1.1478	0.9621	1.0559	1.1460	1.3709	1.2657	1.2706	1.7856
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2486	1.1086	1.2109	1.2631	1.2950	1.1129	1.0962	1.6882
Nd-149	2.2201	1.9278	2.1518	2.2027	2.4489	2.1928	2.1898	3.2618
Nd-151	2.4908	2.1347	2.3950	2.4139	2.8144	2.5499	2.6062	3.6447

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	0.9913	0.8478	0.9467	0.9716	1.0699	0.9464	0.9809	1.4623
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0003	0.0003
Ne-24	1.2623	1.0800	1.1708	1.2593	1.5037	1.3959	1.3529	1.9554
Ni-56	4.7209	3.9358	4.5352	4.6618	5.2662	4.7041	4.8262	6.6718
Ni-57	1.6586	1.3064	1.5603	1.5972	1.8370	1.5968	1.7926	2.2273
Ni-59	0.5037	0.3453	0.4686	0.5540	0.3080	0.1501	0.3119	0.3107
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.5190	0.4188	0.4804	0.4907	0.6342	0.5799	0.6081	0.8072
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8936	4.1615	4.6564	4.9053	5.0845	4.3918	4.9270	6.1075
Np-233	1.9063	1.6488	1.8606	1.9537	1.8401	1.5313	1.7886	1.9108
Np-234	2.9101	2.4531	2.7948	2.9345	2.9413	2.4745	2.9377	3.2313
Np-235	0.7123	0.5859	0.6832	0.7522	0.5314	0.3480	0.6323	0.5414
Np-236	4.1475	3.5624	4.0612	4.2539	3.7655	2.9857	3.9229	4.0078
Np-236m	1.0784	0.9309	1.0512	1.1083	1.0197	0.8362	1.0120	1.0541
Np-237	1.4923	1.2826	1.4428	1.5441	1.2687	0.9256	1.3491	1.3759
Np-238	1.3021	1.0781	1.2187	1.2917	1.3071	1.1119	1.3753	1.5947
Np-239	2.8573	2.4466	2.7812	2.9063	2.7710	2.3152	2.7282	3.0847
Np-240	4.0218	3.4175	3.8353	4.0527	4.0577	3.4535	4.0951	4.7762
Np-240m	1.0996	0.9325	1.0377	1.1168	1.0966	0.9197	1.1222	1.2737
Np-241	0.7238	0.6253	0.7101	0.7363	0.6992	0.5834	0.6982	0.7510
Np-242	0.3602	0.2970	0.3361	0.3559	0.3997	0.3526	0.3955	0.4849
Np-242m	3.4692	2.9402	3.3154	3.5026	3.4360	2.8874	3.5353	4.0791
O-14	1.0249	0.7994	0.9709	0.9930	1.2829	1.1462	1.1897	1.4901
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1925	1.8459	2.1316	2.1970	2.5445	2.3236	2.3498	3.2472
Os-180	2.3273	1.8821	2.1325	2.4232	2.0605	1.6099	1.8568	2.3540
Os-181	4.8370	3.9879	4.4743	4.8663	5.0055	4.3349	4.5284	6.1775
Os-182	3.3851	2.7890	3.1590	3.4693	3.3482	2.8215	2.9808	3.9989
Os-183	4.7072	3.9374	4.3408	4.7583	4.7592	4.0703	4.2070	6.0104
Os-183m	2.6309	2.1319	2.3931	2.6328	2.6998	2.3232	2.4630	3.3093
Os-185	2.6031	2.1504	2.3651	2.6476	2.6948	2.3252	2.4096	3.2305
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.4693	0.3241	0.4371	0.5155	0.2890	0.1421	0.2944	0.2908
Os-190m	5.6071	4.6942	5.2597	5.6402	6.1671	5.4742	5.5789	7.8501
Os-191	2.2270	1.7922	2.0698	2.2737	1.9759	1.5472	1.8574	2.2523
Os-191m	0.6097	0.4437	0.5623	0.6586	0.4277	0.2602	0.4125	0.4497
Os-193	0.6505	0.5338	0.6046	0.6604	0.6232	0.5126	0.5667	0.7447
Os-194	0.4704	0.3449	0.4428	0.5099	0.3185	0.1825	0.3155	0.3510
Os-196	0.6190	0.5210	0.5754	0.6172	0.6383	0.5532	0.5799	0.8005

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0008	0.0006	0.0008	0.0008	0.0010	0.0009	0.0009	0.0011
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.7966	0.6742	0.7602	0.8230	0.6978	0.5375	0.7192	0.7422
Pa-228	5.1977	4.3905	4.9442	5.2373	5.2250	4.4159	5.1664	6.1383
Pa-229	1.7217	1.4800	1.6687	1.7673	1.6028	1.2939	1.5778	1.6672
Pa-230	3.0229	2.5629	2.8795	3.0606	2.9933	2.5171	2.9687	3.4225
Pa-231	1.3972	1.1518	1.3363	1.4610	1.1117	0.7622	1.2163	1.2257
Pa-232	2.5634	2.1525	2.4195	2.5574	2.6666	2.3096	2.6819	3.2817
Pa-233	2.3521	2.0088	2.2529	2.3721	2.2896	1.8905	2.2512	2.6967
Pa-234	5.0944	4.3113	4.8599	5.1065	5.2392	4.5081	5.2269	6.2182
Pa-234m	0.0405	0.0339	0.0383	0.0405	0.0421	0.0364	0.0419	0.0499
Pa-235	0.1700	0.1168	0.1582	0.1869	0.1042	0.0509	0.1056	0.1050
Pa-236	1.7757	1.4859	1.6679	1.7773	1.8780	1.6172	1.8637	2.2014
Pa-237	1.1348	0.9313	1.0459	1.1352	1.2856	1.1627	1.2080	1.6171
Pb-194	4.0290	3.3867	3.7646	4.0321	4.1687	3.5722	3.8061	5.0036
Pb-195m	5.5365	4.6495	5.1386	5.5257	5.8023	5.0004	5.3470	7.5440
Pb-196	3.7241	3.1550	3.4884	3.7339	3.7669	3.2031	3.3952	4.5384
Pb-197	3.6482	3.0575	3.3839	3.6060	3.8970	3.3872	3.5703	4.9241
Pb-197m	4.9089	4.1373	4.5798	4.9093	5.1018	4.3837	4.6777	6.5328
Pb-198	3.6167	3.0642	3.3944	3.6041	3.6549	3.0928	3.2946	4.5082
Pb-199	3.1707	2.6632	2.9428	3.1398	3.3134	2.8443	3.0219	4.1265
Pb-200	3.3957	2.8664	3.2236	3.3946	3.2708	2.6904	2.9999	3.8091
Pb-201	3.6544	3.0853	3.3886	3.6096	3.8122	3.2743	3.4391	4.8304
Pb-201m	1.3349	1.1288	1.2338	1.3377	1.4043	1.2101	1.2850	1.6497
Pb-202	0.4729	0.3353	0.4419	0.5167	0.2987	0.1514	0.3103	0.2979
Pb-202m	4.0038	3.3531	3.6924	3.9453	4.5858	4.1711	4.2811	6.0798
Pb-203	3.0851	2.6146	2.8862	3.0611	3.1124	2.6346	2.7914	3.8611
Pb-204m	3.6035	3.0041	3.3122	3.4985	4.2329	3.9038	3.9657	5.7815
Pb-205	0.4787	0.3393	0.4472	0.5230	0.3023	0.1532	0.3141	0.3015
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.5482	0.4254	0.5200	0.5870	0.3889	0.2321	0.4151	0.4070
Pb-211	0.1515	0.1289	0.1405	0.1498	0.1740	0.1582	0.1601	0.2371
Pb-212	1.4739	1.2649	1.4051	1.4632	1.5183	1.3072	1.3781	1.8824
Pb-214	1.5210	1.2969	1.4284	1.4945	1.6119	1.3948	1.4586	2.1252
Pd-100	3.0997	2.8703	3.0045	3.0615	3.0728	2.5998	2.9656	3.4030
Pd-101	2.1016	1.9295	2.0418	2.0948	2.0727	1.7349	2.1364	2.3526
Pd-103	0.7847	0.7455	0.7772	0.7939	0.7014	0.5534	0.7825	0.7060
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1813	1.0439	1.1769	1.1957	1.2690	1.1212	1.1867	1.5658

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.4396	0.4089	0.4324	0.4458	0.3968	0.3029	0.3899	0.4323
Pd-111	0.0899	0.0767	0.0833	0.0882	0.1047	0.0951	0.0961	0.1312
Pd-112	0.3436	0.3173	0.3384	0.3512	0.2947	0.2309	0.3675	0.3043
Pd-114	0.1962	0.1707	0.1925	0.1871	0.2189	0.1992	0.2106	0.2889
Pd-96	3.0765	2.6694	2.9498	2.9706	3.4096	3.0752	3.4063	4.1831
Pd-97	2.5679	2.1702	2.4198	2.4904	2.9808	2.7066	2.8057	3.8022
Pd-98	2.6934	2.4186	2.6323	2.6690	2.8047	2.4562	2.7546	3.1241
Pd-99	2.5633	2.2393	2.5050	2.4472	2.8179	2.5225	2.7833	3.4993
Pm-136	3.7297	3.1646	3.4457	3.6529	4.4233	4.0696	4.0373	6.0470
Pm-137m	4.5325	3.9298	4.3741	4.4946	5.0407	4.4891	4.4670	6.6586
Pm-139	0.7820	0.6845	0.7476	0.7819	0.8482	0.7333	0.7358	1.2124
Pm-140m	4.0089	3.3671	3.7092	3.9217	4.7090	4.3251	4.3628	6.4477
Pm-140	0.2991	0.2559	0.2841	0.2973	0.3328	0.2922	0.2971	0.4495
Pm-141	0.6963	0.6093	0.6756	0.7017	0.7164	0.5913	0.6109	1.0175
Pm-142	0.2755	0.2438	0.2691	0.2797	0.2760	0.2220	0.2315	0.3962
Pm-143	1.4126	1.2432	1.3606	1.4375	1.4608	1.2184	1.2440	2.0774
Pm-144	3.8511	3.3141	3.5954	3.8590	4.3915	3.9287	3.9107	5.7421
Pm-145	1.0055	0.9011	0.9877	1.0337	0.9528	0.7399	0.7698	1.4149
Pm-146	2.1032	1.8207	1.9815	2.1129	2.3629	2.1006	2.0901	3.2355
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.6740	0.5545	0.6220	0.6549	0.8177	0.7532	0.7689	1.0123
Pm-148m	3.9918	3.3811	3.6760	3.9454	4.7438	4.3780	4.3247	6.0426
Pm-149	0.0539	0.0458	0.0508	0.0522	0.0604	0.0542	0.0539	0.0840
Pm-150	2.2178	1.8457	2.0523	2.1227	2.6509	2.4233	2.4374	3.5855
Pm-151	1.7429	1.5114	1.6774	1.7255	1.9163	1.7084	1.6887	2.5972
Pm-152m	3.9010	3.3132	3.7243	3.7606	4.4187	4.0096	4.1097	5.9282
Pm-152	0.7140	0.6062	0.6844	0.6898	0.7901	0.7126	0.7537	1.0304
Pm-153	1.1164	0.9770	1.1015	1.0938	1.1459	0.9755	1.0530	1.4953
Pm-154	2.0676	1.7016	1.9410	2.0122	2.3571	2.1104	2.1806	3.0046
Pm-154m	3.6694	3.1041	3.4968	3.6087	4.1476	3.7223	3.7748	5.3602
Po-203	4.1300	3.4573	3.8679	4.0915	4.3424	3.7550	4.0731	5.2697
Po-204	6.1550	5.1505	5.7704	6.1626	6.0637	5.0451	5.6674	7.1958
Po-205	3.9238	3.2839	3.6580	3.8796	4.1472	3.5985	3.8880	5.0225
Po-206	4.8951	4.0926	4.5743	4.8936	4.9362	4.1530	4.6222	5.9539
Po-207	3.5663	2.9939	3.3163	3.5164	3.7605	3.2682	3.5152	4.6114
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0507	0.0391	0.0474	0.0527	0.0427	0.0315	0.0406	0.0498
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0135	0.0113	0.0124	0.0133	0.0161	0.0149	0.0150	0.0204
Po-212m	0.0503	0.0409	0.0470	0.0496	0.0617	0.0558	0.0570	0.0738

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Po-215	0.0005	0.0004	0.0005	0.0005	0.0006	0.0005	0.0005	0.0008
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	5.2146	4.4438	4.8640	5.1106	6.1249	5.5821	5.5483	8.3660
Pr-134m	2.3125	1.9652	2.1625	2.2622	2.7285	2.4770	2.4737	3.7546
Pr-135	1.9837	1.7536	1.9122	1.9790	2.1305	1.7870	1.7931	2.9298
Pr-136	2.6045	2.2089	2.4300	2.5856	3.0405	2.7350	2.7272	3.8392
Pr-137	0.8406	0.7564	0.8231	0.8542	0.8508	0.6566	0.6796	1.2308
Pr-138	0.2839	0.2547	0.2770	0.2890	0.2892	0.2244	0.2327	0.4159
Pr-138m	4.5408	3.8358	4.2349	4.4287	5.2310	4.6853	4.7398	7.1479
Pr-139	0.8757	0.7971	0.8640	0.8961	0.8595	0.6369	0.6649	1.2689
Pr-140	0.4668	0.4251	0.4606	0.4778	0.4580	0.3392	0.3541	0.6763
Pr-142	0.0403	0.0321	0.0378	0.0382	0.0502	0.0453	0.0493	0.0585
Pr-142m	0.0229	0.0157	0.0213	0.0251	0.0140	0.0068	0.0142	0.0141
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0263	0.0215	0.0243	0.0257	0.0322	0.0295	0.0299	0.0394
Pr-144m	0.4578	0.3953	0.4466	0.4763	0.4104	0.2968	0.3356	0.5866
Pr-145	0.0398	0.0339	0.0371	0.0393	0.0449	0.0401	0.0404	0.0596
Pr-146	1.2551	1.0464	1.1648	1.2265	1.5172	1.3956	1.4059	1.9578
Pr-147	2.4479	2.1533	2.3538	2.4416	2.5739	2.1866	2.2127	3.5396
Pr-148	1.6962	1.4189	1.5764	1.6232	2.0122	1.8356	1.8325	2.7055
Pr-148m	2.5512	2.1758	2.3741	2.4710	3.0051	2.7474	2.6940	4.1134
Pt-184	7.0107	5.8015	6.5215	7.1403	6.8562	5.7295	6.1266	8.1171
Pt-186	3.4367	2.8435	3.1386	3.4961	3.4742	2.9583	3.1114	4.1391
Pt-187	4.3279	3.5719	3.9829	4.4079	4.2357	3.5468	3.7874	5.0032
Pt-188	3.1106	2.5583	2.8818	3.2019	2.9604	2.4358	2.6412	3.4976
Pt-189	4.0438	3.3253	3.7039	4.1333	3.8925	3.2206	3.4711	4.5240
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.6423	3.0056	3.3251	3.7277	3.4688	2.8554	3.0664	4.0446
Pt-193	0.5028	0.3536	0.4693	0.5502	0.3150	0.1582	0.3253	0.3150
Pt-193m	0.8002	0.5990	0.7396	0.8552	0.5881	0.3777	0.5651	0.6228
Pt-195m	2.7173	2.1578	2.5118	2.8399	2.2854	1.6934	2.0948	2.4911
Pt-197	0.7722	0.6198	0.7256	0.7996	0.6491	0.4765	0.6105	0.7190
Pt-197m	1.8087	1.4323	1.6663	1.8834	1.5278	1.1311	1.4138	1.7349
Pt-199	0.7048	0.5927	0.6600	0.7066	0.7740	0.6878	0.7004	0.9673
Pt-200	1.2752	1.0433	1.1934	1.3040	1.1469	0.8980	1.0538	1.3162
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.4145	1.2242	1.3850	1.4481	1.3648	1.1385	1.3398	1.4137
Pu-234	1.6185	1.3976	1.5831	1.6597	1.5425	1.2751	1.5288	1.5968
Pu-235	2.1766	1.8761	2.1259	2.2358	2.0464	1.6737	2.0494	2.1325
Pu-236	0.2162	0.1824	0.2084	0.2268	0.1655	0.1123	0.2015	0.1695
Pu-237	1.5457	1.3226	1.5020	1.5955	1.3999	1.1124	1.4385	1.4543
Pu-238	0.1996	0.1684	0.1924	0.2094	0.1527	0.1034	0.1859	0.1562
Pu-239	0.1181	0.0944	0.1127	0.1256	0.0854	0.0541	0.0995	0.0872
Pu-240	0.1877	0.1584	0.1810	0.1970	0.1436	0.0973	0.1749	0.1470
Pu-241	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1610	0.1358	0.1552	0.1689	0.1232	0.0835	0.1500	0.1261
Pu-243	0.6011	0.5297	0.5771	0.6032	0.5747	0.4733	0.5514	0.6364
Pu-244	0.1588	0.1338	0.1524	0.1646	0.1322	0.0967	0.1522	0.1431
Pu-245	1.5887	1.3602	1.5086	1.5655	1.7302	1.5339	1.6359	2.1650
Pu-246	2.3510	2.0483	2.3087	2.3842	2.3129	1.9505	2.2510	2.7434
Ra-219	1.0786	0.9242	1.0142	1.0517	1.1591	1.0074	1.0445	1.4939
Ra-220	0.0124	0.0107	0.0115	0.0124	0.0146	0.0134	0.0131	0.0191
Ra-221	0.8845	0.7403	0.8597	0.9001	0.7957	0.6187	0.7971	0.8825
Ra-222	0.0418	0.0358	0.0389	0.0400	0.0479	0.0428	0.0425	0.0670
Ra-223	1.8400	1.5721	1.7650	1.8392	1.8069	1.5022	1.6775	2.1032
Ra-224	0.0719	0.0618	0.0694	0.0708	0.0790	0.0710	0.0722	0.1048
Ra-225	0.5933	0.5238	0.5805	0.6141	0.5179	0.4002	0.5021	0.7179
Ra-226	1.2628	1.0024	1.2284	1.3074	1.4434	1.4132	1.5533	1.5091
Ra-227	1.7435	1.4696	1.6668	1.7880	1.5709	1.2052	1.5847	1.8436
Ra-228	1.2819	1.0230	1.2478	1.3301	1.4605	1.4309	1.5712	1.5369
Ra-230	0.9131	0.7789	0.8701	0.9290	0.8955	0.7492	0.8429	1.0233
Rb-77	2.0574	1.7718	1.9132	2.0370	2.2681	2.0303	2.0393	2.8024
Rb-78m	2.9715	2.4791	2.7591	2.9062	3.5590	3.2663	3.2879	4.5162
Rb-78	2.2078	1.8081	2.0531	2.1467	2.6390	2.3932	2.4797	3.2881
Rb-79	2.5346	2.1699	2.4586	2.4920	2.7421	2.4041	2.6117	3.3974
Rb-80	0.3535	0.2992	0.3233	0.3508	0.4201	0.3850	0.3862	0.5157
Rb-81	1.1327	0.9552	1.0684	1.1611	1.0677	0.8383	1.0839	1.2509
Rb-81m	0.7276	0.6340	0.7007	0.7527	0.5931	0.4061	0.6842	0.5940
Rb-82	0.2279	0.1892	0.2104	0.2290	0.2583	0.2310	0.2488	0.3246
Rb-82m	4.5477	3.7775	4.2018	4.5124	5.1764	4.6361	4.9450	6.4150
Rb-83	1.9360	1.6265	1.8156	1.9885	1.9090	1.5573	1.8837	2.1482
Rb-84	1.4171	1.1677	1.3187	1.4270	1.4309	1.1917	1.4575	1.7266
Rb-84m	1.9782	1.7052	1.8986	1.9642	2.1860	1.9583	2.0330	2.8829
Rb-86m	1.1589	0.9855	1.0672	1.1595	1.3828	1.2788	1.2514	1.6796
Rb-86	0.1028	0.0824	0.0937	0.0967	0.1232	0.1146	0.1192	0.1627
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.4473	0.3563	0.4155	0.4274	0.5485	0.5018	0.5214	0.6658
Rb-89	1.9450	1.5591	1.7898	1.8455	2.3611	2.1728	2.2512	3.0245
Rb-90	1.0211	0.8141	0.9389	0.9772	1.2453	1.1447	1.1988	1.5571
Rb-90m	2.3762	1.9170	2.1926	2.2984	2.8946	2.6628	2.7662	3.6458
Re-178	3.4709	2.8481	3.2428	3.4991	3.5688	3.0682	3.2300	4.3347
Re-179	4.2080	3.5084	3.9070	4.2274	4.4138	3.8304	3.9381	5.6260
Re-180	3.6257	2.9569	3.3385	3.6823	3.6811	3.1580	3.3439	4.4514
Re-181	4.2779	3.5470	3.9382	4.3269	4.3427	3.7050	3.8517	5.5375
Re-182	8.3992	6.9695	7.8741	8.4328	8.6372	7.4381	7.7339	10.6730
Re-182m	4.2882	3.5286	3.9469	4.3260	4.3377	3.6958	3.8560	5.1823
Re-183	3.5445	2.8915	3.3106	3.6658	3.2550	2.6117	2.8577	3.8319
Re-184	3.2488	2.6643	2.9891	3.2999	3.3112	2.8488	3.0039	4.0399
Re-184m	3.2223	2.6191	3.0002	3.3092	3.0735	2.5319	2.7568	3.6614
Re-186	0.3915	0.3238	0.3720	0.3907	0.3760	0.3129	0.3514	0.4473
Re-186m	1.5929	1.1655	1.4813	1.7228	1.1189	0.6820	1.0737	1.2127
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4327	0.3645	0.4229	0.4262	0.4535	0.3930	0.4089	0.5494
Re-188m	2.2765	1.8121	2.0870	2.3839	1.9792	1.5271	1.7583	2.1971
Re-189	0.5108	0.4224	0.4872	0.5201	0.5159	0.4405	0.4688	0.6459
Re-190	3.9584	3.3652	3.7288	3.9432	4.5545	4.1520	4.1268	5.9767
Re-190m	3.6039	3.0220	3.3663	3.6166	3.8975	3.4450	3.5251	4.9595
Rh-100m	1.2316	1.1556	1.2094	1.2415	1.1440	0.9112	1.1946	1.2279
Rh-100	3.4607	2.9410	3.2578	3.4116	3.9537	3.5438	3.8431	4.7213
Rh-101	3.3084	2.9319	3.2740	3.2483	3.4905	3.0951	3.5459	4.2915
Rh-101m	1.9809	1.7658	1.8943	1.9333	2.0872	1.8124	2.0531	2.6563
Rh-102	1.2296	1.0946	1.1704	1.2325	1.3123	1.1575	1.3098	1.5673
Rh-102m	4.5056	3.8724	4.1945	4.4591	5.1556	4.6878	4.9360	6.4539
Rh-103m	0.1182	0.1032	0.1150	0.1226	0.0960	0.0695	0.1048	0.0972
Rh-104	0.0285	0.0245	0.0264	0.0284	0.0330	0.0301	0.0307	0.0396
Rh-104m	1.4230	1.3223	1.4007	1.4436	1.3744	1.1451	1.3182	1.5997
Rh-105	0.3365	0.2879	0.3129	0.3190	0.3925	0.3543	0.3459	0.5566
Rh-106	0.3999	0.3385	0.3683	0.3984	0.4789	0.4440	0.4345	0.5856
Rh-106m	4.4052	3.6819	4.0662	4.3263	5.2942	4.9015	4.9047	6.8004
Rh-107	1.2908	1.1078	1.2064	1.2316	1.5061	1.3680	1.3360	2.1324
Rh-108	0.7632	0.6573	0.7068	0.7551	0.9094	0.8413	0.8205	1.2352
Rh-109	1.4760	1.2806	1.4029	1.4243	1.6835	1.5168	1.5135	2.3052
Rh-94	2.7565	2.2449	2.5534	2.6369	3.3492	3.0703	3.1927	4.2410
Rh-95	1.9878	1.6392	1.8436	1.9153	2.3325	2.1289	2.2779	2.9377
Rh-95m	1.1984	1.0189	1.1108	1.1949	1.4121	1.2971	1.3031	1.7028
Rh-96	4.6526	3.8945	4.2789	4.5816	5.5583	5.1203	5.2402	6.9927

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.2659	1.0760	1.1900	1.2458	1.4226	1.2713	1.4052	1.7248
Rh-97	1.7934	1.5561	1.6851	1.7668	2.0410	1.8475	1.9503	2.7301
Rh-97m	2.9721	2.5410	2.8574	2.9359	3.3345	2.9752	3.2376	4.0527
Rh-98	1.3895	1.1736	1.2765	1.3702	1.6572	1.5208	1.5463	2.0389
Rh-99	2.8313	2.5426	2.7183	2.8175	2.9647	2.5855	2.9211	3.4999
Rh-99m	2.1818	1.9287	2.0701	2.1360	2.3528	2.0665	2.3062	3.0123
Rn-207	3.1066	2.6534	2.9082	3.0700	3.3464	2.9272	3.0752	4.2228
Rn-209	3.4438	2.9373	3.2316	3.4104	3.6980	3.2291	3.4175	4.6579
Rn-210	0.2627	0.2223	0.2472	0.2635	0.2696	0.2300	0.2523	0.3234
Rn-211	4.1804	3.5080	3.9077	4.1255	4.5645	4.0160	4.2878	5.6029
Rn-212	0.0006	0.0005	0.0005	0.0006	0.0007	0.0007	0.0007	0.0009
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0015	0.0013	0.0014	0.0015	0.0018	0.0017	0.0016	0.0022
Rn-219	0.2786	0.2404	0.2634	0.2704	0.3132	0.2821	0.2823	0.4370
Rn-220	1.3517	1.0993	1.3221	1.3994	1.5221	1.5025	1.6254	1.5929
Rn-222	0.0009	0.0008	0.0009	0.0009	0.0011	0.0010	0.0010	0.0013
Rn-223	1.8478	1.5383	1.7532	1.8816	1.7758	1.4498	1.7331	2.0434
Ru-103	1.1606	0.9907	1.0763	1.1675	1.3794	1.2797	1.2366	1.6799
Ru-105	1.7463	1.4946	1.6292	1.7143	2.0356	1.8636	1.8969	2.6317
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.7183	0.6071	0.6778	0.7085	0.8426	0.7749	0.7782	1.1075
Ru-108	0.7082	0.6253	0.7183	0.6874	0.7759	0.6906	0.7100	0.9404
Ru-92	6.5650	5.7670	6.4010	6.4514	7.0785	6.3143	6.9682	8.9872
Ru-94	2.0796	1.8476	1.9771	2.0510	2.2112	1.9459	2.2496	2.9022
Ru-95	2.6780	2.3169	2.5188	2.6053	2.9670	2.6430	2.9183	3.8342
Ru-97	2.3164	2.0573	2.2684	2.3393	2.4210	2.1312	2.4415	3.0095
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.9412	0.7267	0.8786	0.8788	1.1722	1.0619	1.1562	1.3780
S-38	0.9284	0.7247	0.8725	0.8771	1.1496	1.0388	1.0684	1.3091
Sb-111	2.1904	1.9025	2.1500	2.1279	2.4810	2.2248	2.2349	3.1089
Sb-113	1.5862	1.3761	1.4893	1.5814	1.8023	1.6058	1.6004	2.2544
Sb-114	1.9315	1.5772	1.7932	1.8391	2.3142	2.0863	2.1757	2.9643
Sb-115	1.6856	1.4820	1.5940	1.6998	1.8673	1.6283	1.6436	2.2849
Sb-116	1.8099	1.4974	1.6945	1.7357	2.1083	1.8587	1.9661	2.6733
Sb-116m	5.3886	4.5908	5.0909	5.2350	6.1214	5.4438	5.6493	7.8135
Sb-117	2.1879	1.9734	2.2195	2.1389	2.2959	1.9154	1.9879	2.8491
Sb-118	0.2444	0.2245	0.2384	0.2451	0.2368	0.1775	0.2033	0.2966
Sb-118m	5.3042	4.5581	5.0345	5.1289	5.8976	5.1657	5.3637	7.8802

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	0.9453	0.8814	0.9317	0.9644	0.8389	0.5794	0.7163	1.0221
Sb-120	0.4574	0.4297	0.4507	0.4631	0.4215	0.2985	0.3534	0.5254
Sb-120m	5.8998	5.0603	5.6317	5.8059	6.5763	5.8364	5.9870	8.2465
Sb-122m	1.8407	1.6604	1.7220	1.8605	1.8258	1.4698	1.4951	2.2245
Sb-122	0.9091	0.7733	0.8369	0.9069	1.0855	1.0013	0.9814	1.3275
Sb-124	2.1586	1.7893	1.9890	2.1090	2.6261	2.4119	2.4406	3.1893
Sb-124m	0.9424	0.7899	0.8658	0.9453	1.0945	0.9964	0.9963	1.3354
Sb-124n	0.0797	0.0546	0.0742	0.0877	0.0487	0.0238	0.0494	0.0492
Sb-125	1.6263	1.4437	1.5500	1.6247	1.8024	1.5380	1.5589	2.3952
Sb-126	5.1034	4.3202	4.6851	5.0400	6.1358	5.6824	5.6374	8.0367
Sb-126m	3.0765	2.6199	2.8282	3.0399	3.6885	3.4098	3.3717	4.9118
Sb-127	1.4699	1.2517	1.3598	1.4562	1.7469	1.6087	1.5864	2.2727
Sb-128	5.7043	4.7981	5.2429	5.6145	6.8438	6.3211	6.2809	8.8642
Sb-128m	3.7449	3.1481	3.4459	3.6656	4.4783	4.1237	4.0998	5.9520
Sb-129	1.9427	1.6035	1.7889	1.8963	2.3389	2.1680	2.1980	3.0079
Sb-130m	4.2915	3.5677	3.9920	4.2203	5.1157	4.7356	4.7913	6.6707
Sb-130	6.2899	5.2878	5.8835	6.1720	7.4534	6.8543	6.8628	9.8407
Sb-131	2.4240	1.9868	2.2319	2.3337	2.9172	2.6918	2.7526	3.7456
Sb-133	2.4939	2.0165	2.3036	2.3851	3.0341	2.7872	2.8811	3.8703
Sc-42m	3.4316	2.8189	3.1857	3.2853	4.1819	3.8285	3.9350	5.4332
Sc-43	0.2978	0.2555	0.2772	0.2901	0.3421	0.3091	0.3065	0.5074
Sc-44	1.1849	0.9472	1.0861	1.1140	1.4333	1.3197	1.3739	1.8710
Sc-44m	1.2432	1.0623	1.1802	1.1895	1.4324	1.3098	1.2799	2.0013
Sc-46	2.3612	1.9107	2.1562	2.2579	2.8432	2.6464	2.7277	3.7424
Sc-47	1.0759	0.9417	1.1081	1.0286	1.2210	1.1014	1.0779	1.5147
Sc-48	3.6549	2.9399	3.3526	3.4503	4.3956	4.0729	4.2340	5.7480
Sc-49	0.0006	0.0005	0.0006	0.0006	0.0008	0.0007	0.0008	0.0009
Sc-50	3.3209	2.7059	3.0707	3.1951	4.0395	3.7127	3.8315	4.9802
Se-70	3.0090	2.3822	2.8562	3.1399	2.5955	1.9414	2.4426	3.2059
Se-71	1.4671	1.2346	1.4275	1.4000	1.6715	1.5143	1.5802	2.1194
Se-72	2.0865	1.6273	1.9910	2.2286	1.5841	1.0515	1.4900	1.8964
Se-73	2.7127	2.2825	2.4859	2.7088	2.8112	2.4181	2.4882	3.6825
Se-73m	0.4398	0.3486	0.4116	0.4555	0.3837	0.2890	0.3674	0.4521
Se-75	3.6704	3.0092	3.5373	3.6272	3.6068	3.0153	3.4590	4.5685
Se-77m	1.2665	1.0519	1.2638	1.2685	1.2353	1.0110	1.1470	1.4623
Se-79m	0.8951	0.6873	0.8475	0.9582	0.6546	0.4071	0.6679	0.6487
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0248	0.0211	0.0232	0.0240	0.0291	0.0267	0.0262	0.0395
Se-81m	0.9520	0.7364	0.9052	1.0158	0.7184	0.4662	0.7266	0.7145
Se-83m	1.1858	0.9716	1.0896	1.1340	1.4212	1.3131	1.3380	1.8695

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	4.0713	3.4063	3.7912	3.9739	4.8630	4.4737	4.4682	6.3888
Se-84	1.2202	1.0651	1.1372	1.1963	1.4482	1.3376	1.3010	2.1697
Si-31	0.0008	0.0006	0.0007	0.0007	0.0010	0.0009	0.0009	0.0013
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.1795	1.8648	2.0571	2.1337	2.4739	2.2217	2.2037	3.3874
Sm-140	1.6701	1.4573	1.6229	1.6713	1.7361	1.4847	1.5214	2.4359
Sm-141	1.8863	1.6250	1.7810	1.8617	2.1352	1.9092	1.9104	3.0376
Sm-141m	4.0597	3.4661	3.8813	4.0697	4.5671	4.1035	4.1331	6.1303
Sm-142	0.9351	0.8375	0.9209	0.9621	0.8814	0.7026	0.7239	1.3322
Sm-143	0.5973	0.5310	0.5855	0.6108	0.5749	0.4650	0.4796	0.8572
Sm-143m	1.1520	0.9660	1.0608	1.1509	1.3690	1.2647	1.2692	1.7863
Sm-145	1.9388	1.7354	1.8946	1.9931	1.8441	1.4857	1.5107	2.7385
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0022	0.0016	0.0021	0.0024	0.0015	0.0008	0.0015	0.0015
Sm-153	1.3932	1.2319	1.3677	1.4259	1.3886	1.1871	1.1772	1.7963
Sm-155	1.4910	1.3131	1.4745	1.5042	1.6033	1.4357	1.3994	1.7985
Sm-156	1.4190	1.2174	1.3830	1.4358	1.4612	1.2605	1.2923	1.8108
Sm-157	2.0998	1.8095	2.0465	2.1235	2.3329	2.1050	2.1061	3.1070
Sn-106	3.1934	2.7962	3.0442	3.1345	3.5388	3.1189	3.2310	4.6854
Sn-108	3.2122	2.8504	3.0917	3.1651	3.5214	3.0768	3.1508	4.6968
Sn-109	2.6902	2.2762	2.5316	2.6052	3.0511	2.6727	2.8501	3.8510
Sn-110	2.0619	1.8368	1.9813	2.0102	2.2014	1.8763	1.9528	2.9538
Sn-111	0.6754	0.6193	0.6584	0.6762	0.6581	0.5078	0.5951	0.7955
Sn-113	0.7620	0.7209	0.7531	0.7714	0.6938	0.5015	0.6162	0.8333
Sn-113m	0.5326	0.4981	0.5250	0.5424	0.4769	0.3305	0.4021	0.5859
Sn-117m	2.0815	1.8670	2.1158	2.0302	2.2003	1.8533	1.9114	2.7268
Sn-119m	0.6539	0.5985	0.6419	0.6707	0.5650	0.3862	0.4935	0.6752
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2222	0.1981	0.2173	0.2296	0.1942	0.1305	0.1613	0.2474
Sn-123	0.0076	0.0061	0.0069	0.0071	0.0091	0.0084	0.0088	0.0120
Sn-123m	1.4626	1.2872	1.5004	1.4074	1.6373	1.4556	1.4383	2.0378
Sn-125m	1.3365	1.1462	1.2420	1.2724	1.5645	1.4145	1.3803	2.2458
Sn-125	0.3908	0.3176	0.3582	0.3739	0.4696	0.4356	0.4464	0.6161
Sn-126	1.2774	1.1444	1.2265	1.2837	1.2752	1.0484	1.0834	1.4557
Sn-127m	1.1483	0.9757	1.0660	1.1484	1.3710	1.2696	1.2345	1.6926
Sn-127	2.5323	2.0931	2.3514	2.4458	3.0143	2.7736	2.8241	3.9146
Sn-128	3.3088	2.9928	3.1780	3.3147	3.4868	2.8759	2.9653	4.4505
Sn-129	1.5217	1.2734	1.3929	1.4898	1.8391	1.6972	1.7011	2.3151

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	3.6088	3.1418	3.4428	3.6191	4.0454	3.6002	3.6019	5.2102
Sn-130m	2.1218	1.8355	2.0197	2.0718	2.3809	2.0992	2.1577	3.0028
Sr-79	1.6428	1.4506	1.6005	1.6393	1.6921	1.4459	1.5941	2.1446
Sr-80	1.6060	1.3856	1.5277	1.6282	1.5961	1.3090	1.6247	1.8549
Sr-81	2.1654	1.8712	2.1323	2.1017	2.4293	2.1841	2.2653	3.0690
Sr-82	0.8070	0.7024	0.7780	0.8405	0.6251	0.4008	0.7643	0.6058
Sr-83	2.0161	1.7291	1.9068	2.0439	1.9494	1.5609	2.0541	2.3167
Sr-85	1.9351	1.6631	1.8228	1.9763	1.9639	1.6406	1.9682	2.2182
Sr-85m	1.6019	1.3773	1.5654	1.5860	1.7650	1.5850	1.6314	2.3204
Sr-87m	1.1429	0.9992	1.0707	1.1212	1.2964	1.1663	1.2074	1.9144
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.9705	0.7977	0.8863	0.9394	1.1654	1.0848	1.1050	1.5150
Sr-92	1.1706	0.9396	1.0866	1.1048	1.4397	1.3122	1.3778	1.8100
Sr-93	3.2630	2.7250	3.0417	3.1896	3.8697	3.5472	3.6352	4.8787
Sr-94	1.1603	0.9287	1.0773	1.0979	1.4354	1.3058	1.3813	1.7622
Ta-170	1.8646	1.5385	1.7556	1.9137	1.8593	1.5784	1.6555	2.2221
Ta-172	3.9275	3.2431	3.6855	3.9592	4.1342	3.5961	3.7363	5.1475
Ta-173	3.3871	2.7969	3.1752	3.4769	3.2628	2.6971	2.8616	3.9402
Ta-174	3.3324	2.7611	3.1515	3.4187	3.3635	2.8658	2.9977	4.1321
Ta-175	4.2676	3.5618	3.9961	4.2985	4.3954	3.7829	3.9176	5.4840
Ta-176	3.9301	3.2016	3.6568	3.9344	4.1462	3.5701	3.7735	5.0320
Ta-177	1.6593	1.3799	1.5448	1.7185	1.5512	1.2670	1.3356	1.8611
Ta-178	1.7347	1.4341	1.6114	1.8012	1.6091	1.3031	1.3817	1.9166
Ta-178m	8.0624	6.8630	7.5970	8.0988	8.5550	7.4892	7.4996	11.0543
Ta-179	0.9185	0.7379	0.8513	0.9658	0.7944	0.6088	0.6933	0.9364
Ta-180	1.4312	1.1841	1.3295	1.4901	1.3158	1.0607	1.1253	1.5637
Ta-182	3.4426	2.8408	3.1965	3.4179	3.6522	3.1894	3.2995	4.4500
Ta-182m	4.2716	3.5136	4.0972	4.3538	4.1083	3.3918	3.6854	4.9666
Ta-183	3.8997	3.2121	3.6743	3.9818	3.7622	3.1192	3.3346	4.5970
Ta-184	5.3250	4.4507	4.9891	5.2876	5.8083	5.1664	5.2945	7.6702
Ta-185	2.2245	1.8218	2.1200	2.2819	2.1330	1.7585	1.9078	2.5513
Ta-186	4.9518	4.1853	4.6918	4.9550	5.5624	5.0310	5.0926	7.0999
Tb-146	2.5599	2.0778	2.3921	2.4521	3.0503	2.7570	2.9215	3.8184
Tb-147m	1.9066	1.5794	1.8130	1.8662	2.1259	1.8630	1.9557	2.7537
Tb-147	3.4537	2.9028	3.2794	3.3642	3.8720	3.4685	3.5866	5.0920
Tb-148m	5.7832	4.9052	5.3772	5.7253	6.7134	6.1390	6.1574	9.0786
Tb-148	2.5121	2.0961	2.3452	2.4947	2.9019	2.6319	2.6709	3.7633
Tb-149m	2.6793	2.2772	2.5248	2.6962	2.9843	2.6763	2.7018	3.9675
Tb-149	3.2371	2.7665	3.0962	3.2071	3.5812	3.1865	3.2076	4.8589

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	5.9356	5.0774	5.5389	5.9156	6.8278	6.2042	6.1395	8.9378
Tb-150	2.9916	2.5136	2.8100	2.9685	3.3900	3.0281	3.0804	4.3410
Tb-151	4.4386	3.8374	4.2637	4.4390	4.7842	4.2315	4.2252	6.4598
Tb-151m	1.1198	0.8784	1.0647	1.1851	0.9178	0.6607	0.8393	1.1320
Tb-152m	4.0375	3.4726	3.8662	4.0202	4.3055	3.7720	3.7719	5.9256
Tb-152	2.8736	2.4470	2.7196	2.8314	3.1810	2.8178	2.8364	4.3906
Tb-153	2.9732	2.5736	2.8986	3.0255	3.0179	2.5910	2.6375	4.0520
Tb-154	3.3740	2.8322	3.2290	3.3230	3.6813	3.2365	3.3760	4.8014
Tb-155	3.0149	2.6396	2.9546	3.0564	3.0218	2.5759	2.5963	3.9190
Tb-156	5.0874	4.3184	4.8494	5.0858	5.5544	4.9213	4.9873	7.3042
Tb-156m	0.9631	0.8670	0.9535	0.9878	0.9734	0.8315	0.7918	1.3261
Tb-156n	0.3283	0.2442	0.3101	0.3538	0.2355	0.1475	0.2218	0.2697
Tb-157	0.3445	0.2646	0.3281	0.3693	0.2577	0.1703	0.2370	0.3194
Tb-158	2.6792	2.2677	2.5553	2.6924	2.7656	2.3943	2.4859	3.6999
Tb-160	2.3067	1.9171	2.1571	2.2568	2.5888	2.3283	2.3845	3.4035
Tb-161	1.2176	1.0429	1.1747	1.2601	1.0901	0.8347	0.9340	1.3785
Tb-162	3.0155	2.5441	2.8487	2.9633	3.4231	3.1142	3.1255	4.5680
Tb-163	2.4761	2.1288	2.3114	2.4342	2.8731	2.6201	2.5631	3.9664
Tb-164	4.9056	4.1174	4.6229	4.8442	5.6327	5.1005	5.1567	7.2290
Tb-165	1.0984	0.8880	1.0287	1.0760	1.2478	1.1085	1.1698	1.5573
Tc-101	1.4239	1.2186	1.3328	1.3563	1.6576	1.5035	1.4760	2.3053
Tc-102m	2.9334	2.4345	2.7144	2.8652	3.5462	3.2632	3.2781	4.4506
Tc-102	0.1374	0.1160	0.1271	0.1358	0.1645	0.1523	0.1501	0.2111
Tc-104	2.8965	2.4224	2.6969	2.7960	3.4724	3.1754	3.1896	4.6058
Tc-105	2.4979	2.1592	2.4067	2.4225	2.8269	2.5565	2.6287	3.5592
Tc-91	1.0458	0.8441	0.9794	1.0081	1.2687	1.1467	1.2259	1.5317
Tc-91m	0.7924	0.6698	0.7360	0.7896	0.9389	0.8661	0.8651	1.1361
Tc-92	5.1072	4.3224	4.8625	4.9127	5.9710	5.4247	5.6269	7.6388
Tc-93	1.8644	1.5869	1.7753	1.8119	2.0368	1.7799	2.1845	2.3961
Tc-93m	1.3352	1.1590	1.2641	1.3097	1.5000	1.3402	1.4741	2.0304
Tc-94	4.4280	3.7436	4.1010	4.3828	5.0891	4.6593	5.0358	6.4512
Tc-94m	1.5976	1.3306	1.4814	1.5650	1.8473	1.6909	1.8395	2.3438
Tc-95	1.9978	1.7455	1.8877	2.0063	2.1371	1.8973	2.2699	2.6011
Tc-95m	2.7032	2.3621	2.6039	2.7383	2.9072	2.5950	2.9505	3.5851
Tc-96	4.3738	3.7015	4.0617	4.3458	5.0102	4.5807	4.9873	6.3850
Tc-96m	0.4787	0.4399	0.4685	0.4857	0.4332	0.3508	0.5194	0.4661
Tc-97	0.7831	0.7320	0.7732	0.7983	0.6776	0.5403	0.8895	0.7166
Tc-97m	0.5989	0.5607	0.5916	0.6096	0.5231	0.4155	0.6500	0.5416
Tc-98	2.3678	1.9897	2.1623	2.3506	2.8653	2.6594	2.6502	3.6227
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.4839	1.3002	1.5017	1.3846	1.6283	1.4702	1.6062	2.0262
Te-113	1.3135	1.0753	1.2172	1.2675	1.5753	1.4319	1.4795	2.0068
Te-114	2.6799	2.3451	2.5649	2.6567	2.8855	2.4184	2.5439	3.6555
Te-115	2.1182	1.7710	1.9797	2.0542	2.4876	2.2302	2.3030	3.1946
Te-115m	2.3728	1.9736	2.2088	2.3063	2.7954	2.5039	2.5974	3.5418
Te-116	1.8136	1.6715	1.7821	1.8374	1.7902	1.3776	1.4763	2.1537
Te-117	1.8898	1.6186	1.7774	1.8685	2.1393	1.8523	1.9403	2.6962
Te-118	0.7453	0.7018	0.7370	0.7581	0.6919	0.4767	0.5572	0.8876
Te-119	1.9459	1.7144	1.8337	1.9427	2.1441	1.8175	1.8916	2.6896
Te-119m	3.5165	3.0308	3.4135	3.3835	3.9336	3.4298	3.5556	5.0766
Te-121	1.9373	1.7184	1.8354	1.9495	2.1133	1.7877	1.8375	2.6226
Te-121m	1.8921	1.6602	1.8567	1.9259	2.0244	1.7268	1.7785	2.6572
Te-123	0.0704	0.0486	0.0655	0.0773	0.0434	0.0214	0.0437	0.0441
Te-123m	1.8780	1.6682	1.9097	1.8321	2.0151	1.7014	1.7326	2.5316
Te-125m	1.3237	1.2349	1.3081	1.3494	1.2550	0.8628	0.9832	1.6653
Te-127	0.0166	0.0145	0.0156	0.0164	0.0193	0.0175	0.0171	0.0280
Te-127m	0.4426	0.4041	0.4348	0.4539	0.4076	0.2759	0.3246	0.5298
Te-129	0.3795	0.3279	0.3634	0.3877	0.3708	0.2863	0.3197	0.4778
Te-129m	0.3639	0.3308	0.3549	0.3710	0.3514	0.2530	0.2866	0.4559
Te-131	1.7776	1.5451	1.7580	1.7044	2.0168	1.8095	1.8387	2.5778
Te-131m	2.8038	2.3742	2.6340	2.7591	3.2651	2.9537	2.9859	4.2364
Te-132	2.3283	2.0734	2.2846	2.3380	2.5051	2.1134	2.1366	3.3751
Te-133	2.1069	1.7717	1.9542	2.0236	2.5055	2.2859	2.2784	3.4262
Te-133m	3.1153	2.6160	2.9031	3.0367	3.6555	3.3257	3.3719	4.7677
Te-134	3.0203	2.6217	2.8766	3.0018	3.4446	3.0851	3.0656	4.4898
Th-223	1.6899	1.4465	1.6357	1.7173	1.5873	1.2856	1.5402	1.7115
Th-224	0.2478	0.2128	0.2450	0.2490	0.2570	0.2219	0.2424	0.3129
Th-226	0.2286	0.1924	0.2214	0.2348	0.2006	0.1549	0.2149	0.2182
Th-227	1.9703	1.6555	1.8899	2.0181	1.7826	1.3966	1.8165	2.1062
Th-228	0.2070	0.1715	0.1985	0.2167	0.1618	0.1114	0.1865	0.1694
Th-229	2.8194	2.3687	2.7167	2.9123	2.4662	1.8816	2.5198	2.6496
Th-230	1.2746	1.1466	1.2740	1.3152	1.3590	1.3537	1.4052	1.4152
Th-231	1.6601	1.4003	1.5970	1.7334	1.3171	0.9092	1.4741	1.3858
Th-232	1.1895	0.9417	1.1548	1.2343	1.3642	1.3388	1.4558	1.4232
Th-233	0.4873	0.3972	0.4651	0.5080	0.4162	0.3077	0.4169	0.4633
Th-234	0.3481	0.2965	0.3296	0.3597	0.3105	0.2434	0.3136	0.3293
Th-235	0.1395	0.1188	0.1305	0.1391	0.1583	0.1432	0.1466	0.2020
Th-236	0.3312	0.2827	0.3202	0.3357	0.3221	0.2679	0.3221	0.3649
Ti-44	2.7425	2.4400	2.5201	2.6858	2.8682	2.5149	2.4213	3.3348
Ti-45	0.0276	0.0194	0.0256	0.0299	0.0192	0.0113	0.0191	0.0205

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.3590	1.1574	1.2593	1.2889	1.5936	1.4436	1.4100	2.2576
Ti-52	1.9021	1.6468	1.8878	1.7839	1.9682	1.7451	2.1072	2.4136
Tl-190	2.0689	1.7608	1.9139	2.0527	2.2785	2.0255	2.0614	3.0277
Tl-190m	5.1111	4.3268	4.7170	5.0632	5.8014	5.2302	5.2796	7.5229
Tl-194	2.3679	2.0084	2.1874	2.3675	2.5078	2.1853	2.2594	3.1938
Tl-194m	6.9730	5.8842	6.4609	6.9716	7.6724	6.8127	6.9880	9.6629
Tl-195	3.5722	2.9190	3.3134	3.6014	3.5267	2.9187	3.2610	4.1570
Tl-196	3.6596	3.0641	3.3894	3.6262	3.9812	3.4896	3.6305	4.9902
Tl-197	2.8022	2.3507	2.6026	2.8137	2.7678	2.3125	2.5003	3.2753
Tl-198	4.0275	3.3640	3.7302	3.9825	4.3723	3.8248	3.9947	5.5088
Tl-198m	4.9294	4.1438	4.5728	4.9425	5.1896	4.4912	4.7193	6.4955
Tl-199	2.7792	2.3349	2.5929	2.8094	2.7073	2.2499	2.4306	3.2083
Tl-200	3.8686	3.2455	3.5758	3.8194	4.1452	3.6114	3.7636	5.3161
Tl-201	2.3823	1.9794	2.2203	2.4249	2.1808	1.7317	1.9709	2.4593
Tl-202	2.7627	2.3415	2.5575	2.7806	2.8278	2.4196	2.5323	3.5323
Tl-204	0.0388	0.0320	0.0359	0.0398	0.0345	0.0267	0.0312	0.0383
Tl-206m	6.7622	5.7208	6.3388	6.6683	7.7041	7.0056	7.0447	10.1098
Tl-206	0.0018	0.0015	0.0017	0.0018	0.0017	0.0014	0.0015	0.0019
Tl-207	0.0032	0.0027	0.0030	0.0032	0.0039	0.0036	0.0037	0.0051
Tl-208	2.7042	2.2238	2.5200	2.6722	3.2543	2.9496	2.9985	3.9415
Tl-209	4.0060	3.3894	3.8197	3.8792	4.5823	4.1397	4.3508	5.5465
Tl-210	4.2097	3.4704	3.9133	4.1129	4.8307	4.3347	4.5051	6.2427
Tm-161	5.4529	4.6596	5.2744	5.5246	5.5309	4.7052	4.8318	7.1030
Tm-162	2.7200	2.2640	2.5869	2.7268	2.9254	2.5528	2.6325	3.6440
Tm-163	4.4534	3.7822	4.2545	4.4857	4.6569	4.0245	4.0933	5.9519
Tm-164	1.2889	1.0869	1.2369	1.3162	1.2839	1.0766	1.1193	1.6258
Tm-165	3.5705	3.0555	3.4218	3.6087	3.6997	3.1984	3.2209	4.9329
Tm-166	4.1212	3.4374	3.9105	4.1358	4.4164	3.8462	3.9681	5.5933
Tm-167	2.4354	2.0593	2.3590	2.5285	2.3629	1.9676	2.0525	3.0569
Tm-168	4.7836	4.0453	4.5659	4.8689	5.1253	4.5146	4.5967	6.6001
Tm-170	0.1328	0.1080	0.1256	0.1381	0.1161	0.0893	0.1023	0.1347
Tm-171	0.0197	0.0164	0.0185	0.0205	0.0180	0.0143	0.0153	0.0220
Tm-172	0.8482	0.6832	0.7957	0.8444	0.8794	0.7446	0.8194	1.0664
Tm-173	1.3232	1.1499	1.2358	1.3068	1.5194	1.3819	1.3562	2.2602
Tm-174	5.8203	4.9061	5.5115	5.6942	6.4900	5.8292	5.8813	8.7426
Tm-175	2.2522	1.8875	2.0863	2.2359	2.5876	2.3572	2.3587	3.3107
Tm-176	4.0912	3.4067	3.8677	4.0437	4.5396	4.0433	4.1452	5.9068
U-227	1.6577	1.4205	1.6045	1.6800	1.6111	1.3389	1.5668	1.8480
U-228	0.2294	0.1940	0.2215	0.2388	0.1892	0.1384	0.2148	0.1994
U-230	0.2390	0.2004	0.2297	0.2504	0.1849	0.1269	0.2223	0.1925

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	3.2297	2.7583	3.1247	3.3452	2.7927	2.1090	2.9379	2.9085
U-232	0.2220	0.1855	0.2134	0.2334	0.1685	0.1130	0.2059	0.1735
U-233	0.1178	0.0975	0.1131	0.1241	0.0886	0.0585	0.1063	0.0913
U-234	1.3138	1.2055	1.3160	1.3444	1.3875	1.3815	1.4086	1.4343
U-235	1.6551	1.4341	1.6387	1.7144	1.8046	1.8046	1.9179	1.8591
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1829	0.1527	0.1759	0.1925	0.1380	0.0919	0.1692	0.1417
U-237	2.9432	2.5257	2.8329	3.0268	2.7973	2.3039	2.7339	3.1075
U-238	1.0203	0.8478	0.9975	1.0533	1.1406	1.1381	1.2150	1.1928
U-239	1.0077	0.8953	0.9458	0.9989	0.9986	0.8439	0.9142	1.1565
U-240	0.6138	0.5138	0.5918	0.6433	0.4837	0.3379	0.5566	0.5041
U-242	0.3313	0.2897	0.3077	0.3318	0.3504	0.3087	0.3118	0.4203
V-47	0.0146	0.0110	0.0138	0.0149	0.0135	0.0105	0.0129	0.0156
V-48	2.5353	2.0219	2.3241	2.4080	3.0096	2.7563	2.9001	3.8966
V-49	0.1968	0.1349	0.1831	0.2165	0.1203	0.0587	0.1219	0.1214
V-50	1.2631	0.9944	1.1771	1.2300	0.1203	1.2893	1.4289	1.7315
V-52	1.1173	0.8903	1.0392	1.0522	1.3857	1.2578	1.3395	1.6932
V-53	1.2198	0.9812	1.1101	1.1505	1.4537	1.3574	1.4109	1.9285
W-177	5.8297	4.8525	5.4677	5.8899	5.8632	5.0059	5.2814	7.1911
W-178	0.7352	0.5678	0.6787	0.7813	0.5887	0.4197	0.5316	0.6666
W-179	1.9727	1.6040	1.8302	2.0666	1.7283	1.3048	1.4862	2.0548
W-179m	1.2741	1.0387	1.1720	1.3241	1.1697	0.9424	1.0213	1.3821
W-181	1.2940	1.0543	1.1895	1.3513	1.1593	0.9167	1.0007	1.3635
W-185m	1.3619	1.0040	1.2726	1.4565	0.9997	0.6442	0.9651	1.0860
W-185	0.0011	0.0009	0.0010	0.0011	0.0011	0.0009	0.0010	0.0013
W-187	1.5838	1.3380	1.4596	1.5845	1.7267	1.5376	1.5546	2.1102
W-188	0.0159	0.0132	0.0148	0.0159	0.0163	0.0140	0.0145	0.0210
W-190	2.9410	2.4447	2.7588	2.9893	2.8496	2.3735	2.4805	3.3502
Xe-120	2.6293	2.3735	2.5508	2.6354	2.7355	2.1853	2.2949	3.5498
Xe-121	1.9408	1.6863	1.8700	1.8997	2.1600	1.8420	1.9105	2.8023
Xe-122	1.0637	0.9798	1.0450	1.0718	1.0716	0.7889	0.8495	1.4571
Xe-123	2.1680	1.9237	2.1520	2.1180	2.3405	1.9499	2.0355	3.0388
Xe-125	2.6216	2.3448	2.5813	2.6396	2.7927	2.2993	2.3564	3.7132
Xe-127	2.7540	2.4448	2.7194	2.7849	2.9720	2.5006	2.5544	3.9426
Xe-127m	2.2971	2.0321	2.2970	2.2054	2.4616	2.1046	2.2875	3.1663
Xe-129m	1.5861	1.4668	1.5685	1.6192	1.5649	1.1023	1.1946	2.1729
Xe-131m	0.6749	0.6192	0.6670	0.6889	0.6577	0.4549	0.5027	0.8994
Xe-133	1.1309	1.0377	1.0965	1.1220	1.1650	0.9153	0.9283	1.4898
Xe-133m	0.7882	0.7193	0.7761	0.8005	0.7926	0.5804	0.6222	1.0894
Xe-135	1.3374	1.1561	1.2865	1.2900	1.5363	1.4059	1.3668	2.1354

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.0823	0.9329	1.0100	1.0895	1.2601	1.1330	1.1091	1.5508
Xe-137	0.4105	0.3520	0.3817	0.4066	0.4888	0.4517	0.4402	0.6573
Xe-138	1.6523	1.3693	1.5658	1.6075	1.8878	1.6858	1.7221	2.4621
Y-81	2.1089	1.8509	2.0560	2.0453	2.1412	1.8408	2.1869	2.5726
Y-83	1.3157	1.1491	1.2575	1.3262	1.3122	1.0715	1.3506	1.6205
Y-83m	1.3297	1.1561	1.2683	1.3057	1.4492	1.2910	1.3945	1.9419
Y-84m	3.8900	3.1855	3.5614	3.7726	4.6563	4.3195	4.4517	6.0426
Y-85	1.1084	0.9489	1.0379	1.1202	1.2088	1.0699	1.1792	1.4332
Y-85m	1.2496	1.0540	1.1855	1.2408	1.3519	1.1773	1.3548	1.6438
Y-86	4.3062	3.5659	3.9910	4.1944	4.9627	4.4756	4.8205	6.2365
Y-86m	1.5738	1.3484	1.5442	1.6098	1.7606	1.6015	1.6185	2.2898
Y-87	1.8862	1.6376	1.7857	1.9210	1.9124	1.6162	1.9737	2.2432
Y-87m	1.1303	0.9896	1.0605	1.1062	1.2756	1.1463	1.2028	1.8633
Y-88	3.0203	2.4885	2.8315	2.9596	3.3281	2.9077	3.3909	3.9574
Y-89m	1.1861	0.9672	1.0813	1.1476	1.4191	1.3270	1.3644	1.8738
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	2.7103	2.3282	2.6096	2.7609	3.1019	2.8432	2.8364	3.9827
Y-91	0.0030	0.0024	0.0028	0.0028	0.0037	0.0034	0.0035	0.0048
Y-91m	1.1487	0.9787	1.0595	1.1499	1.3609	1.2553	1.2430	1.6500
Y-92	0.3115	0.2549	0.2857	0.3006	0.3748	0.3481	0.3564	0.4865
Y-93	0.1683	0.1411	0.1584	0.1609	0.1983	0.1821	0.1819	0.2652
Y-94	0.9221	0.7515	0.8435	0.8893	1.1082	1.0318	1.0581	1.4484
Y-95	0.6661	0.5293	0.6180	0.6339	0.8156	0.7450	0.7779	1.0051
Yb-162	2.9880	2.5542	2.9244	2.9995	3.0295	2.5930	2.6979	3.7965
Yb-163	2.1639	1.7922	2.0511	2.2124	2.1206	1.7647	1.8848	2.6698
Yb-164	1.3299	1.1337	1.2796	1.3806	1.2525	1.0209	1.0545	1.6106
Yb-165	3.6103	3.0069	3.4386	3.7216	3.3301	2.6633	2.8956	4.1027
Yb-166	2.5049	2.1429	2.4081	2.5890	2.3678	1.9352	1.9939	2.9989
Yb-167	5.3166	4.5033	5.1583	5.4371	5.1535	4.3005	4.5362	6.2942
Yb-169	5.8124	4.9600	5.5768	5.9525	5.7754	4.8980	4.9943	7.2586
Yb-175	0.2234	0.1921	0.2115	0.2208	0.2430	0.2161	0.2167	0.3325
Yb-177	0.8135	0.6904	0.7915	0.7904	0.8768	0.7760	0.8042	1.1013
Yb-178	0.1547	0.1321	0.1444	0.1524	0.1717	0.1527	0.1532	0.2508
Yb-179	2.3973	2.0379	2.2169	2.3774	2.7864	2.5415	2.5168	3.5415
Zn-60	1.4820	1.2573	1.3509	1.4703	1.7001	1.5467	1.5175	2.1615
Zn-61	0.5202	0.4262	0.4841	0.5068	0.6253	0.5706	0.5828	0.7758
Zn-62	1.7788	1.4172	1.6686	1.8516	1.6450	1.3098	1.5092	2.0422
Zn-63	0.2477	0.1975	0.2270	0.2470	0.2694	0.2369	0.2559	0.3366
Zn-65	1.2627	0.9346	1.1650	1.2936	1.1266	0.8647	1.1050	1.3561
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.1596	0.9974	1.0790	1.1513	1.3550	1.2435	1.2182	1.8980
Zn-71	0.6331	0.5351	0.5878	0.6252	0.7511	0.6967	0.6905	0.9463
Zn-71m	3.6010	3.0826	3.3385	3.5464	4.2857	3.9593	3.8857	5.6988
Zn-72	2.5725	2.0871	2.5291	2.5782	2.3979	1.9375	2.3317	2.8438
Zr-85	1.1174	0.9576	1.0421	1.1001	1.3074	1.1970	1.2127	1.7771
Zr-86	3.1415	2.7933	3.0547	3.1511	3.0924	2.5788	3.3031	3.8460
Zr-87	0.2319	0.2014	0.2220	0.2322	0.2229	0.1825	0.2608	0.2576
Zr-88	2.0088	1.7815	1.9101	2.0047	2.0753	1.7869	2.1709	2.8477
Zr-89	1.8332	1.5514	1.7132	1.8137	1.9536	1.7234	2.0800	2.4378
Zr-89m	1.1881	1.0100	1.0945	1.1813	1.4040	1.2878	1.3074	1.7062
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.1528	0.9629	1.0542	1.1474	1.3971	1.3007	1.3021	1.7938
Zr-97	1.3834	1.1560	1.2694	1.3708	1.6674	1.5480	1.5580	2.1410

Table 20: Concrete 1 cm Contamination Thickness for 100x100x10 ft and 2000x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.3296	0.2424	0.3350	0.3853	0.2545	0.2107	0.4544	0.4082
Ac-224	3.5256	2.8258	3.3123	3.5602	3.1579	2.5241	5.7462	3.8176
Ac-225	0.4601	0.3308	0.4402	0.5599	0.3510	0.2916	0.6035	0.5591
Ac-226	1.5422	1.2878	1.4823	1.5724	1.4089	1.1189	2.6092	1.7244
Ac-227	0.0879	0.0588	0.1000	0.1187	0.0537	0.0448	0.0878	0.1299
Ac-228	2.3495	1.9647	2.5245	2.5172	2.1425	1.7446	4.8419	3.0734
Ac-230	1.0063	0.8358	1.0560	1.1245	0.9110	0.7189	2.0119	1.3425
Ac-231	3.4638	2.8809	3.3726	3.3984	3.2125	2.7947	5.9736	3.5825
Ac-232	1.6291	1.3746	1.7680	1.7676	1.5010	1.1836	3.6493	2.1174
Ac-233	1.4865	1.2894	1.6334	1.5330	1.4185	1.0957	2.7031	2.1323
Ag-100m	2.8197	2.4858	3.2886	2.8960	2.7739	2.1179	7.3745	3.9070
Ag-101	2.3719	2.0836	2.5068	2.4869	2.2998	1.7955	4.8422	3.0198
Ag-102m	1.7523	1.5493	1.9260	1.8398	1.7107	1.3277	3.9976	2.2262
Ag-102	4.2266	3.7249	4.7845	4.4191	4.1394	3.1628	10.0215	5.8103
Ag-103	2.6467	2.3247	2.6843	2.8405	2.5159	1.9351	4.6833	3.1960
Ag-104	5.2195	4.5875	5.9408	5.6119	5.0692	3.8350	12.1812	7.2514
Ag-104m	2.1063	1.8480	2.3165	2.2866	2.0386	1.5508	4.4415	2.8301
Ag-105	2.8147	2.4206	2.9341	3.1279	2.6492	2.1681	5.1703	3.0579
Ag-105m	0.0332	0.0237	0.0448	0.0405	0.0206	0.0174	0.0365	0.0503
Ag-106	0.5246	0.4509	0.5345	0.6652	0.4834	0.3485	0.8014	0.6294
Ag-106m	6.3415	5.5744	7.0449	6.7963	6.1551	4.6692	14.0664	8.6839
Ag-108	0.0554	0.0479	0.0621	0.0649	0.0524	0.0384	0.1225	0.0730
Ag-108m	4.8229	4.1868	5.4262	5.1847	4.6569	3.4651	11.1799	6.6735
Ag-109m	0.3807	0.3112	0.3815	0.5883	0.3314	0.2374	0.5326	0.3609
Ag-110	0.0727	0.0635	0.0877	0.0759	0.0711	0.0536	0.1943	0.1072
Ag-110m	4.9381	4.3653	5.8756	5.0910	4.8630	3.7109	13.1150	7.2077
Ag-111	0.1357	0.1173	0.1393	0.1291	0.1304	0.1196	0.2601	0.1417
Ag-111m	0.2086	0.1717	0.2217	0.3279	0.1771	0.1267	0.2863	0.2120
Ag-112	1.1237	0.9895	1.3124	1.1600	1.1052	0.8457	2.9039	1.5821
Ag-113m	0.9797	0.8447	1.0372	0.9810	0.9311	0.8183	1.9163	1.1068
Ag-113	0.3014	0.2621	0.3141	0.2905	0.2902	0.2653	0.5770	0.3250
Ag-114	0.4643	0.4093	0.5223	0.4790	0.4554	0.3504	1.0443	0.6536
Ag-115	1.0584	0.9443	1.1181	1.0446	1.0341	0.8167	2.2489	1.2655
Ag-116	2.7046	2.3935	2.9803	2.8006	2.6601	2.0644	5.9833	3.6522
Ag-117	2.0911	1.8587	2.1962	2.0501	2.0386	1.6448	4.4051	2.4723
Ag-99	2.9526	2.6137	3.1757	3.0035	2.8872	2.2884	6.3976	3.7674
Al-26	1.4972	1.3382	1.5955	1.4487	1.4840	1.1709	3.6837	1.6303
Al-28	1.4622	1.3049	1.5513	1.4056	1.4500	1.1407	3.5857	1.5734
Al-29	1.5319	1.3726	1.7049	1.7742	1.5267	1.1831	3.9762	2.2134

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.6858	2.9413	3.5515	3.7778	3.2820	2.8972	5.5285	3.9576
Am-238	3.5370	2.8661	3.6258	3.7124	3.1879	2.7035	6.3592	4.2057
Am-239	4.3106	3.3415	4.0823	4.5128	3.7216	3.2995	5.9820	4.5001
Am-240	3.7680	3.0623	3.9368	4.0686	3.3528	2.8139	6.9606	4.6798
Am-241	1.3742	1.4038	1.4207	1.3949	1.3574	1.3664	1.4338	1.3614
Am-242	0.5948	0.4412	0.5582	0.7079	0.4728	0.3988	0.7221	0.6778
Am-242m	0.3529	0.2511	0.3447	0.4793	0.2478	0.1897	0.3740	0.4670
Am-243	1.4237	1.0823	1.3028	1.4407	1.3057	0.8436	2.5624	1.4866
Am-244	3.2152	2.6327	3.4446	3.6498	2.8327	2.1698	6.1188	4.3203
Am-244m	0.2043	0.1529	0.1997	0.2653	0.1559	0.1199	0.2572	0.2634
Am-245	0.4579	0.3700	0.4374	0.4731	0.4054	0.3406	0.6429	0.5226
Am-246	4.4903	3.7024	4.6818	5.0282	3.9466	3.0206	8.0906	5.6914
Am-246m	1.9930	1.7212	2.2565	2.1776	1.8702	1.4603	4.5863	2.8189
Am-247	1.6889	1.3731	1.6237	1.7032	1.5122	1.3122	2.4670	1.8437
Ar-37	0.0341	0.0231	0.0487	0.0422	0.0187	0.0155	0.0326	0.0559
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.5100	1.3523	1.6786	1.7512	1.5051	1.1630	3.9176	2.1901
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8219	1.6311	2.0873	1.8846	1.8027	1.4068	4.6596	2.4937
Ar-44	2.8895	2.6068	3.0422	2.7587	2.8515	2.2175	6.6649	3.1683
As-68	3.5825	3.2044	4.1876	3.6914	3.5372	2.7529	9.4001	5.0019
As-69	0.5931	0.5113	0.6260	0.5858	0.5543	0.4341	1.1433	0.7236
As-70	4.7074	4.2098	5.4729	4.8832	4.6270	3.6139	12.0690	6.5858
As-71	2.2564	1.9477	2.5015	2.2664	2.0174	1.5798	4.1705	2.7362
As-72	1.5743	1.3724	1.8957	1.6280	1.5163	1.1544	4.0398	2.3387
As-73	1.3670	0.9405	1.8815	1.6774	0.8156	0.6470	1.4611	2.1206
As-74	1.3593	1.1493	1.6555	1.4468	1.2407	0.9522	3.0736	2.0355
As-76	0.9274	0.8163	1.0545	0.9620	0.9084	0.6963	2.0915	1.3448
As-77	0.0502	0.0443	0.0499	0.0486	0.0487	0.0382	0.0880	0.0600
As-78	2.1068	1.8602	2.4490	2.2023	2.0747	1.5937	5.4117	3.0008
As-79	0.0945	0.0828	0.1045	0.0933	0.0923	0.0738	0.2168	0.1269
At-204	6.7239	5.6902	7.2671	6.8749	6.4099	4.8358	14.4965	9.1562
At-205	3.5825	2.9017	3.6476	3.6998	3.3207	2.4438	7.4899	4.4931
At-206	6.9602	5.9011	7.4599	7.0811	6.6489	5.0084	15.3026	9.2933
At-207	5.4757	4.5228	5.7050	5.6401	5.1400	3.8524	11.7864	6.9547
At-208	8.3829	7.1004	9.1230	8.6040	7.9671	5.9717	19.3610	11.0316
At-209	7.7121	6.3913	8.0839	7.9478	7.2429	5.3632	16.3041	10.0577
At-210	6.5284	5.5070	6.6343	6.8950	6.1670	4.6767	13.6463	8.1817
At-211	0.9067	0.6665	0.7989	0.9554	0.7864	0.5427	1.5204	1.0063
At-215	0.0008	0.0007	0.0008	0.0008	0.0007	0.0006	0.0017	0.0010

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0466	0.0357	0.0427	0.0474	0.0416	0.0300	0.0789	0.0509
At-217	0.0018	0.0015	0.0018	0.0018	0.0017	0.0013	0.0032	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.4987	2.1692	2.5125	2.4427	2.3955	1.9510	4.6312	2.9401
Au-186	3.9954	3.4387	4.3455	3.9680	3.7879	2.9366	8.3078	4.5434
Au-187	3.2328	2.6569	3.6207	3.3830	2.9479	2.1822	6.3832	3.8220
Au-190	4.6835	3.9695	5.0578	4.6738	4.4282	3.6456	9.3585	5.1183
Au-191	4.0419	3.3280	4.4548	4.1162	3.7061	2.7820	7.5893	4.7144
Au-192	4.3768	3.6833	4.7473	4.3572	4.1159	3.4034	8.7388	4.6781
Au-193	2.6471	2.1211	2.9125	2.7020	2.3760	1.7156	4.6260	2.8240
Au-193m	1.9044	1.5710	1.9827	1.9919	1.6876	1.3312	2.9858	2.3076
Au-194	3.5613	2.9619	3.8809	3.5634	3.3150	2.7049	6.9408	3.8204
Au-195	2.2819	1.7397	2.5704	2.4207	1.9395	1.4181	3.6959	2.4495
Au-195m	1.9259	1.5836	2.0059	2.0154	1.7042	1.3585	3.0269	2.3070
Au-196	3.3139	2.7341	3.5802	3.2726	3.0706	2.5188	6.3211	3.5393
Au-196m	4.1990	3.3993	4.5118	4.3817	3.6451	2.7170	7.0981	4.8637
Au-198	1.5095	1.3135	1.6142	1.4781	1.4716	1.1191	3.4653	2.0397
Au-198m	6.6353	5.5106	6.8121	6.4606	6.1033	4.8724	11.9855	6.6721
Au-199	1.3201	1.1324	1.3509	1.3009	1.2306	0.9174	2.4493	1.4803
Au-200	0.5739	0.5022	0.6222	0.5968	0.5601	0.4579	1.3434	0.7413
Au-200m	7.6826	6.7024	8.2294	7.5983	7.4047	5.8396	15.5641	9.7871
Au-201	0.1851	0.1493	0.2090	0.2009	0.1599	0.1223	0.3278	0.2501
Au-202	0.3572	0.3154	0.3951	0.3699	0.3502	0.2700	0.8259	0.5023
Ba-124	1.9865	1.5840	2.4578	2.3292	1.8761	1.4405	3.9383	2.5310
Ba-126	2.4791	2.0199	3.0104	2.8528	2.3577	1.8293	4.9780	3.2477
Ba-127	1.1147	0.8647	1.3923	1.3262	1.0408	0.7971	2.0836	1.3762
Ba-128	1.0605	0.7587	1.4514	1.4171	0.9688	0.7466	1.8486	1.3840
Ba-129	1.1966	0.9090	1.5571	1.4948	1.1043	0.8326	2.1900	1.5478
Ba-129m	4.9096	4.1611	5.7551	5.3061	4.7115	3.6141	10.6841	6.4138
Ba-131	3.1333	2.5435	3.6968	3.5174	2.9555	2.2677	5.5455	4.1306
Ba-131m	1.6104	1.2036	1.8325	1.6908	1.4691	1.2550	2.5184	1.7798
Ba-133	3.5262	2.7256	4.1014	3.9703	3.3094	2.6267	6.6992	4.1474
Ba-133m	1.0026	0.7182	1.3412	1.2360	0.8847	0.6968	1.6758	1.3312
Ba-135m	0.8630	0.6182	1.1645	1.0689	0.7911	0.6100	1.5054	1.1398
Ba-137m	1.4578	1.2561	1.7946	1.5303	1.4231	1.0728	3.8814	2.1689
Ba-139	0.4873	0.4322	0.5141	0.4693	0.4774	0.3634	0.9704	0.5435
Ba-140	0.9270	0.7578	1.0943	1.0464	0.8357	0.6576	1.6407	1.2580
Ba-141	3.1395	2.7565	3.3671	3.0802	3.0489	2.5184	6.5926	3.6201
Ba-142	2.6845	2.3191	3.0061	2.7840	2.6151	2.0361	6.0018	3.5407

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1545	0.1357	0.1631	0.1552	0.1507	0.1161	0.2783	0.2164
Bi-197	4.0249	3.3246	4.2832	4.2047	3.7508	2.7937	8.7166	5.1316
Bi-200	7.8508	6.6871	8.2880	7.9448	7.4729	5.6652	16.2932	10.1967
Bi-201	4.0914	3.3880	4.3249	4.2526	3.8295	2.8268	8.8909	5.1240
Bi-202	7.2631	6.1948	7.9644	7.4000	6.9359	5.2393	16.5915	9.6350
Bi-203	5.0041	4.1829	5.3304	5.1288	4.7217	3.5068	11.0679	6.2440
Bi-204	7.3348	6.2415	8.0271	7.4813	6.9797	5.3386	16.7503	9.5544
Bi-205	3.8228	3.1600	4.0578	3.9412	3.5616	2.6431	8.2385	4.7260
Bi-206	8.5171	7.2055	9.2292	8.6680	8.1040	6.0995	18.6468	11.0916
Bi-207	4.3429	3.6383	4.6991	4.5364	4.0826	3.0407	9.3312	5.7353
Bi-208	2.4393	2.0075	2.5345	2.5800	2.2560	1.7134	5.1537	2.7822
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6696	1.4287	1.6727	1.6139	1.5874	1.3592	2.9139	1.8242
Bi-211	0.2609	0.2193	0.2693	0.2512	0.2465	0.2152	0.5154	0.2798
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2921	0.2314	0.3390	0.3323	0.2468	0.1937	0.5861	0.4074
Bi-213	0.5029	0.4282	0.5185	0.5018	0.4824	0.3651	1.0202	0.6647
Bi-214	2.0398	1.8038	2.3220	2.1109	2.0082	1.5501	5.1611	2.7759
Bi-215	1.2499	1.0400	1.2379	1.2363	1.1742	0.9787	2.3208	1.3943
Bi-216	2.2642	1.9704	2.4678	2.2901	2.2000	1.6781	4.7277	3.1808
Bk-245	3.6537	2.9338	3.4757	3.7233	3.2369	2.7529	5.1206	4.0890
Bk-246	3.5942	2.9215	3.7512	3.9012	3.1953	2.5651	6.4760	4.6250
Bk-247	1.9146	1.5316	1.7373	1.8494	1.7759	1.4206	3.0881	2.0068
Bk-248m	0.7735	0.6077	0.7487	0.8504	0.6598	0.5477	1.0556	0.9049
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6677	1.4755	1.9496	1.8108	1.5809	1.2494	4.0308	2.3923
Bk-251	1.8291	1.4759	1.7728	1.9294	1.5811	1.2846	2.5216	2.2062
Br-72	2.9475	2.6029	3.3825	3.0714	2.8849	2.2280	7.3830	4.1525
Br-73	1.7713	1.5091	2.0166	1.7836	1.6849	1.3019	3.7168	2.1312
Br-74	3.3032	2.9317	3.7563	3.4449	3.2329	2.5423	8.3161	4.3612
Br-74m	4.1357	3.6409	4.8246	4.3287	4.0460	3.1214	10.7411	5.7936
Br-75	2.2961	1.9731	2.3702	2.2653	2.1550	1.8974	4.1002	2.6313
Br-76	3.0439	2.6340	3.4247	3.2549	2.8876	2.2578	6.8393	4.1656
Br-76m	1.5268	1.0356	1.5483	1.9762	1.1836	0.8742	2.2528	1.6712
Br-77	1.8158	1.4663	1.9478	2.0572	1.5326	1.2433	2.8961	2.4099
Br-77m	0.7026	0.4838	0.6700	0.9277	0.5023	0.4609	0.8229	0.8267
Br-78	0.2570	0.2150	0.3046	0.2836	0.2336	0.1804	0.5933	0.3787
Br-80	0.1641	0.1355	0.1949	0.1845	0.1462	0.1132	0.3723	0.2427
Br-80m	1.2664	0.7987	1.3304	1.8035	0.8865	0.7342	1.6367	1.5204

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.4751	0.3013	0.4616	0.7405	0.2827	0.2508	0.4858	0.6447
Br-82	5.0282	4.4311	5.8680	5.2044	4.9445	3.7697	12.6287	7.3298
Br-83	0.0194	0.0170	0.0212	0.0198	0.0188	0.0145	0.0363	0.0278
Br-84m	4.5624	4.0405	5.0928	4.6192	4.4992	3.4591	11.2237	6.2203
Br-84	1.6480	1.4751	1.8942	1.6843	1.6304	1.2797	4.2608	2.2209
Br-85	0.1110	0.0986	0.1307	0.1128	0.1094	0.0841	0.2886	0.1600
C-10	1.5348	1.3421	1.8520	1.5757	1.5079	1.1332	4.1250	2.3024
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0608	0.0413	0.0869	0.0753	0.0333	0.0277	0.0583	0.0997
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3321	1.1893	1.4830	1.5137	1.3244	1.0209	3.3735	1.9287
Ca-49	1.3806	1.2566	1.5228	1.4786	1.3744	1.1314	3.5136	1.6314
Cd-101	3.2316	2.7464	3.3647	3.4449	3.1059	2.5506	6.7077	3.5227
Cd-102	2.5757	2.2342	2.7175	2.9916	2.4438	1.8768	4.6859	3.1924
Cd-103	2.4690	2.1665	2.6775	2.9184	2.3677	1.8080	5.3982	2.9484
Cd-104	2.1440	1.7513	2.0994	2.6785	1.9892	1.4006	3.8530	2.2642
Cd-105	1.7108	1.4935	1.8545	2.0678	1.6288	1.2557	3.6593	2.0091
Cd-107	1.0649	0.8808	1.0754	1.7261	0.9267	0.6643	1.4568	0.9912
Cd-109	0.9853	0.8153	0.9960	1.6110	0.8549	0.6045	1.3442	0.9243
Cd-111m	2.4496	2.1826	2.4395	2.6281	2.3611	1.8299	4.1425	2.8262
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0007	0.0009	0.0012	0.0008	0.0006	0.0013	0.0009
Cd-115	0.6072	0.5315	0.6535	0.6441	0.5888	0.4551	1.0870	0.8361
Cd-115m	0.0511	0.0460	0.0596	0.0542	0.0505	0.0394	0.1312	0.0748
Cd-117	2.1376	1.8803	2.2831	2.1974	2.0900	1.7104	4.7047	2.6233
Cd-117m	2.4248	2.1674	2.7440	2.5088	2.3951	1.8875	6.0838	3.2350
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5614	2.2620	2.7347	2.5462	2.5023	2.0929	5.6277	2.9914
Cd-119m	2.8699	2.5583	3.2402	2.9832	2.8322	2.2316	7.2167	3.8159
Ce-130	3.1340	2.5050	3.6820	3.3467	2.9441	2.2843	5.7975	3.9503
Ce-131	3.5262	2.9570	4.0526	3.7614	3.3684	2.6010	7.4882	4.5447
Ce-132	3.0004	2.4756	3.4412	3.1328	2.8580	2.1943	5.8702	3.3754
Ce-133	2.6186	1.8549	3.0927	2.8956	2.4142	1.9180	4.5890	2.8461
Ce-133m	4.9010	4.0147	5.7332	5.2374	4.6957	3.5845	10.0112	6.3378
Ce-134	0.8701	0.5609	1.2331	1.1176	0.7771	0.5751	1.5504	1.0977
Ce-135	3.6389	2.9666	4.2550	3.8789	3.4639	2.7637	7.2272	4.6078
Ce-137	1.0021	0.6532	1.4144	1.2790	0.8638	0.6441	1.7170	1.3059
Ce-137m	0.8643	0.6032	1.0875	1.0045	0.7829	0.5945	1.5202	0.9968
Ce-139	2.3610	1.9079	2.7701	2.5193	2.2429	1.6926	4.5254	2.7463

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	1.0673	0.9175	1.1165	1.0162	1.0243	0.7736	1.9033	1.2726
Ce-143	1.9491	1.5148	2.2242	2.0255	1.8300	1.4985	3.6763	2.0528
Ce-144	0.3286	0.2657	0.3497	0.3213	0.3075	0.2278	0.5529	0.3974
Ce-145	3.0558	2.4190	3.6532	3.2578	2.8961	2.2115	6.6769	3.7565
Cf-244	0.1254	0.0905	0.1196	0.1715	0.0902	0.0678	0.1339	0.1622
Cf-246	0.0863	0.0624	0.0823	0.1178	0.0622	0.0468	0.0925	0.1113
Cf-247	2.4614	1.9160	2.3808	2.7497	2.0436	1.6810	3.1646	2.9427
Cf-248	0.1036	0.0750	0.0989	0.1411	0.0748	0.0563	0.1116	0.1334
Cf-249	1.7453	1.4674	1.7992	1.7806	1.6184	1.3329	3.4476	2.1302
Cf-250	0.0952	0.0714	0.0932	0.1240	0.0729	0.0554	0.1219	0.1226
Cf-251	2.1186	1.7134	2.0445	2.2123	1.8614	1.5424	3.1086	2.3624
Cf-252	0.8345	0.7224	0.9063	0.8686	0.7974	0.6284	1.8114	1.0705
Cf-253	0.2791	0.2034	0.2853	0.3818	0.2034	0.1532	0.3094	0.3636
Cf-254	27.8038	24.4845	30.5575	27.9913	27.2472	21.5429	63.5189	35.6031
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7249	1.5628	1.8175	1.6898	1.7014	1.3324	3.8276	2.0927
Cl-36	0.0005	0.0003	0.0007	0.0006	0.0003	0.0002	0.0005	0.0008
Cl-38	1.0758	0.9596	1.1465	1.0473	1.0674	0.8429	2.6473	1.1691
Cl-39	2.2534	2.0160	2.3796	2.3713	2.2322	1.7396	5.0648	2.9495
Cl-40	2.8509	2.5451	3.1170	2.9512	2.8324	2.2317	7.1560	3.4781
Cm-238	1.7686	1.3724	1.6556	1.8140	1.5384	1.3613	2.3895	1.8541
Cm-239	3.8009	3.1656	3.6915	3.7620	3.4651	2.8783	6.2252	3.9987
Cm-240	0.1424	0.0998	0.1321	0.1968	0.0996	0.0773	0.1488	0.1877
Cm-241	4.0530	3.2426	3.9960	4.3384	3.5485	2.9346	6.0171	4.8930
Cm-242	0.1278	0.0895	0.1186	0.1767	0.0893	0.0694	0.1335	0.1685
Cm-243	2.1104	1.6503	2.0359	2.2401	1.8104	1.5805	2.9664	2.2819
Cm-244	0.1097	0.0768	0.1018	0.1517	0.0766	0.0596	0.1145	0.1446
Cm-245	2.2772	1.7578	2.1392	2.3832	1.9638	1.7352	3.1534	2.3654
Cm-246	0.0934	0.0665	0.0877	0.1269	0.0670	0.0521	0.1050	0.1230
Cm-247	1.2888	1.1163	1.3597	1.2534	1.2510	0.9812	2.9127	1.6788
Cm-248	2.2495	1.9661	2.4585	2.2957	2.1813	1.7239	5.0372	2.8843
Cm-249	0.1653	0.1236	0.2163	0.1908	0.1165	0.0940	0.2380	0.2537
Cm-250	21.9451	19.3233	24.1066	22.0932	21.5025	16.9980	50.1081	28.0783
Cm-251	0.4938	0.4155	0.5146	0.5118	0.4562	0.3641	0.8652	0.6455
Co-54m	4.4789	3.9919	4.9679	4.7146	4.4303	3.4298	11.2162	6.1892
Co-55	2.0376	1.8102	2.3709	2.1147	1.9849	1.5465	5.0028	2.9264
Co-56	4.0012	3.5331	4.6608	4.2882	3.8779	3.0167	10.1251	5.6762
Co-57	2.2619	1.8805	2.3812	2.2121	1.9403	1.5407	3.0985	3.0879
Co-58	1.7556	1.4979	2.1497	1.8363	1.6385	1.2381	4.3082	2.6694

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.2439	0.1656	0.3485	0.3021	0.1338	0.1112	0.2338	0.3996
Co-60	3.0505	2.7426	3.4403	3.4492	3.0364	2.3599	7.9544	4.4039
Co-60m	0.2989	0.2074	0.4195	0.3625	0.1777	0.1428	0.3201	0.4670
Co-61	1.3194	1.0736	1.4866	1.2821	1.2705	0.8648	2.5727	1.2194
Co-62	1.7520	1.5814	1.9987	1.9364	1.7418	1.3681	4.5853	2.4936
Co-62m	3.1190	2.8159	3.5575	3.4343	3.0996	2.4317	8.1619	4.4360
Cr-48	3.6124	3.0186	3.6058	3.3102	3.3685	3.1568	5.7575	3.6178
Cr-49	1.7183	1.4088	1.6512	1.5665	1.6543	1.3021	3.0646	1.6329
Cr-51	0.3052	0.2367	0.3689	0.3258	0.2347	0.2241	0.4355	0.3772
Cr-55	0.0007	0.0006	0.0007	0.0007	0.0007	0.0005	0.0016	0.0008
Cr-56	2.1110	1.6193	1.9437	2.3728	1.9594	1.3607	3.7651	2.1150
Cs-121	1.2235	1.0576	1.3392	1.2728	1.1857	0.9236	2.4622	1.4962
Cs-121m	2.2931	1.9921	2.5266	2.3718	2.2156	1.7292	4.6976	2.6857
Cs-123	1.7669	1.4040	2.0235	1.9919	1.6730	1.3605	3.4418	2.0889
Cs-124	0.6391	0.5436	0.7106	0.6606	0.6148	0.5252	1.3528	0.7565
Cs-125	1.4256	1.1451	1.7282	1.7065	1.3460	1.0468	2.7136	1.8858
Cs-126	1.0508	0.8917	1.1954	1.1183	1.0153	0.7947	2.3524	1.3869
Cs-127	2.2646	1.8325	2.7162	2.6695	2.1418	1.6374	4.5255	3.0157
Cs-128	0.7394	0.6027	0.8875	0.8766	0.7033	0.5352	1.4700	1.0045
Cs-129	2.0847	1.6067	2.6320	2.6554	1.9425	1.5199	4.0592	2.6444
Cs-130m	1.7992	1.2965	2.1706	2.1702	1.6551	1.1410	3.2636	2.2200
Cs-130	0.5135	0.3691	0.7161	0.7554	0.4671	0.3495	0.9195	0.6798
Cs-131	0.7603	0.5214	1.1044	1.1876	0.6803	0.5057	1.3101	0.9967
Cs-132	2.3324	1.8970	3.0050	2.8090	2.2231	1.6711	5.5381	3.3395
Cs-134	3.4086	2.9828	4.0358	3.5040	3.3446	2.5257	8.6365	5.0629
Cs-134m	0.6798	0.5059	0.8876	0.8370	0.5785	0.4360	1.0374	0.9668
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0469	2.6685	3.6642	3.1264	2.9972	2.2544	8.0671	4.5800
Cs-136	4.6233	4.0685	5.2982	4.7191	4.5284	3.6175	11.1481	6.2360
Cs-137	1.7149	1.7763	1.8144	1.6736	1.6786	1.7591	1.8820	1.7099
Cs-138m	1.4067	1.1426	1.6875	1.6091	1.3315	1.0199	2.8191	1.7753
Cs-138	2.9612	2.6381	3.2733	3.0507	2.9253	2.2791	7.1009	3.9042
Cs-139	0.3043	0.2714	0.3388	0.3270	0.3019	0.2352	0.7726	0.4070
Cs-140	2.0166	1.7898	2.3018	2.0788	1.9892	1.5461	5.0613	2.7203
Cu-57	0.1559	0.1409	0.1828	0.1687	0.1544	0.1213	0.4130	0.2284
Cu-59	0.7672	0.6772	0.8562	0.8025	0.7518	0.6023	1.8284	1.0434
Cu-60	3.0116	2.6849	3.3445	3.1949	2.9773	2.3193	7.5889	3.9658
Cu-61	0.7139	0.5975	0.8328	0.7442	0.6407	0.5196	1.4222	0.9452
Cu-62	0.0163	0.0131	0.0209	0.0188	0.0129	0.0103	0.0307	0.0251
Cu-64	0.1531	0.1054	0.2164	0.1885	0.0871	0.0720	0.1581	0.2491

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1464	0.1338	0.1760	0.1529	0.1450	0.1152	0.3932	0.2159
Cu-67	1.3854	1.1895	1.3811	1.2872	1.3158	1.0544	2.6350	1.3656
Cu-69	0.8861	0.7959	1.0458	0.9129	0.8743	0.6813	2.2739	1.2897
Dy-148	2.6129	2.1119	3.0294	2.6823	2.5012	1.7922	6.0683	3.2366
Dy-149	4.1164	3.3258	4.5323	4.1393	3.9431	2.9519	8.8989	4.6185
Dy-150	1.6715	1.3439	1.8100	1.6539	1.5981	1.1476	3.6510	1.9280
Dy-151	3.8450	3.1862	4.2975	3.9188	3.6745	2.7149	8.3930	4.6587
Dy-152	2.6874	2.1998	2.7532	2.6386	2.5686	1.9259	4.6691	2.8854
Dy-153	4.8416	3.8203	5.1583	4.8140	4.5932	3.3341	9.5190	5.0549
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.3744	2.7834	3.6129	3.3516	3.2324	2.3662	6.7903	3.6310
Dy-157	2.7764	2.2049	2.9393	2.6859	2.6135	2.2115	5.1810	2.5479
Dy-159	1.3514	0.9606	1.4889	1.3754	1.2484	0.8124	2.5233	1.2042
Dy-165m	0.3511	0.2589	0.4171	0.3757	0.2818	0.2127	0.5229	0.4267
Dy-165	0.2586	0.2005	0.2742	0.2538	0.2451	0.1790	0.4911	0.2572
Dy-166	1.1013	0.8209	1.1851	1.1181	1.0127	0.6471	2.0225	1.1225
Dy-167	2.4157	2.0633	2.5883	2.3827	2.3288	1.8507	4.6616	2.8941
Dy-168	2.2636	1.9193	2.4512	2.2356	2.1702	1.5845	4.5574	2.6483
Er-154	1.4966	1.1130	1.7477	1.8088	1.3546	0.8858	2.6597	1.5205
Er-156	1.9381	1.3993	2.3387	2.1276	1.6845	1.1319	3.3402	2.1637
Er-159	3.2116	2.6645	3.6279	3.2581	3.0909	2.2138	7.1198	3.8483
Er-161	3.3694	2.7758	3.8322	3.4332	3.2299	2.2954	7.4701	4.0821
Er-163	1.1499	0.8534	1.2867	1.1745	1.0792	0.6659	2.1731	1.1092
Er-165	1.1103	0.8234	1.2443	1.1353	1.0397	0.6418	2.0920	1.0742
Er-167m	1.0974	0.9428	1.1773	1.0693	1.0342	0.7587	2.1652	1.1291
Er-169	0.0071	0.0048	0.0101	0.0087	0.0039	0.0032	0.0068	0.0115
Er-171	2.9825	2.4876	3.1087	2.8319	2.8211	2.4255	5.1926	3.0213
Er-172	2.5568	2.1300	2.8949	2.5761	2.4655	1.7237	5.5840	3.1686
Er-173	4.5448	3.9355	4.9160	4.3769	4.3675	3.2594	9.4080	5.1702
Es-249	3.1532	2.6066	3.1595	3.2333	2.8468	2.3243	5.2193	3.8482
Es-250	8.6019	6.9785	8.7344	9.4375	7.5172	6.0516	13.7547	10.6948
Es-250m	2.7230	2.2589	2.7719	2.8684	2.4453	1.9781	4.5539	3.4152
Es-251	2.2735	1.7987	2.1971	2.4693	1.9187	1.5646	2.9934	2.7752
Es-253	0.0349	0.0254	0.0347	0.0467	0.0254	0.0193	0.0392	0.0454
Es-254	1.2239	0.8724	1.2639	1.6386	0.8564	0.6604	1.3214	1.6393
Es-254m	1.5144	1.2713	1.7406	1.7199	1.3903	1.0499	3.3819	2.1442
Es-255	0.0011	0.0010	0.0012	0.0011	0.0011	0.0009	0.0026	0.0014
Es-256	0.1688	0.1259	0.1715	0.2428	0.1270	0.0950	0.1928	0.2100
Eu-142	0.3821	0.3193	0.4340	0.3880	0.3698	0.2806	0.9300	0.4732
Eu-142m	5.2332	4.5874	6.1599	5.3943	5.0850	3.9186	12.7505	7.5613

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.6954	0.5475	0.7598	0.7051	0.6570	0.5079	1.5110	0.7194
Eu-144	0.3103	0.2443	0.3354	0.3065	0.2940	0.2237	0.6800	0.3020
Eu-145	2.8241	2.2676	3.2107	2.8546	2.6823	2.0456	6.4879	3.2715
Eu-146	5.1547	4.3086	6.0140	5.2934	4.9766	3.7630	12.8290	6.8000
Eu-147	2.8559	2.2269	3.0925	2.8197	2.6601	2.0202	5.7034	2.9270
Eu-148	5.9585	5.0081	6.7885	6.0910	5.7439	4.3820	13.5901	7.8515
Eu-149	1.2579	0.8574	1.3804	1.3001	1.1007	0.8421	2.1887	1.0671
Eu-150	5.5896	4.6426	6.0862	5.5494	5.3416	4.3818	11.6949	6.5425
Eu-150m	0.2354	0.1810	0.2532	0.2331	0.2193	0.1782	0.4716	0.2310
Eu-152	3.5475	2.9111	3.8706	3.5504	3.3678	2.6604	7.4519	4.1431
Eu-152m	0.9568	0.7687	1.0750	0.9579	0.9028	0.6958	2.0744	1.1285
Eu-152n	1.7528	1.2921	1.6839	1.6720	1.5718	1.2417	2.8872	1.6463
Eu-154	3.0373	2.6318	3.3731	3.0790	2.9347	2.2446	6.7266	4.1150
Eu-154m	1.8380	1.3467	2.0782	1.8946	1.6092	1.2628	3.0058	1.7946
Eu-155	1.3018	0.9783	1.2346	1.2129	1.2134	0.9564	2.2121	1.1595
Eu-156	1.8268	1.5749	2.0515	1.9051	1.7795	1.3714	4.4588	2.3792
Eu-157	2.1771	1.7062	2.4487	2.1896	2.0294	1.4877	4.3179	2.3005
Eu-158	2.4099	2.0775	2.7672	2.4797	2.3358	1.7673	5.9253	3.2533
Eu-159	2.4887	1.8920	2.6613	2.4704	2.3393	1.6471	4.9104	2.4605
F-17	0.0005	0.0005	0.0006	0.0005	0.0005	0.0004	0.0014	0.0008
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.8852	1.7097	1.9409	1.7639	1.8244	1.3985	3.7204	2.0915
Fe-53	0.6771	0.5875	0.7198	0.6510	0.6561	0.5443	1.5213	0.8309
Fe-53m	4.3941	3.9281	5.1523	4.6517	4.3458	3.3657	11.6397	6.3462
Fe-55	0.2022	0.1372	0.2889	0.2501	0.1108	0.0921	0.1936	0.3314
Fe-59	1.6096	1.4552	1.8416	1.7814	1.5986	1.2503	4.1942	2.3298
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1731	1.9489	2.4381	2.2579	2.1386	1.7465	5.2514	2.9003
Fe-62	1.4737	1.2968	1.5591	1.4971	1.4359	1.1088	2.4466	2.0915
Fm-251	2.1597	1.7605	2.1654	2.2714	1.8754	1.5088	3.0639	2.7052
Fm-252	0.0894	0.0659	0.0873	0.1235	0.0662	0.0495	0.0989	0.1130
Fm-253	1.7475	1.3674	1.7231	2.0280	1.4325	1.1408	2.2158	2.1867
Fm-254	0.1015	0.0765	0.1005	0.1361	0.0779	0.0587	0.1256	0.1285
Fm-255	0.9878	0.7100	0.9787	1.3294	0.7091	0.5401	1.0742	1.3061
Fm-256	20.6849	18.2100	22.7515	20.8453	20.2627	16.0268	47.2467	26.5412
Fm-257	2.2802	1.8480	2.2324	2.4714	1.9761	1.5851	3.2311	2.7156
Fr-212	3.8258	3.1450	3.8149	4.0996	3.5101	2.7234	7.3927	4.6950
Fr-219	0.0191	0.0161	0.0192	0.0187	0.0181	0.0150	0.0363	0.0219
Fr-220	0.2801	0.2031	0.2621	0.3231	0.2252	0.1714	0.4133	0.3300
Fr-221	0.2925	0.2507	0.2850	0.2872	0.2746	0.2113	0.5473	0.3116

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.8158	1.5075	1.7922	1.8871	1.6200	1.3081	3.1722	1.9848
Fr-223	1.2544	0.9387	1.2245	1.3945	1.1082	0.7484	2.1111	1.3848
Fr-224	1.9585	1.6819	2.0111	1.9925	1.8288	1.4311	3.8554	2.3864
Fr-227	3.1257	2.4944	3.0812	3.1287	2.8818	2.3107	5.6512	3.4185
Ga-64	2.1834	1.9653	2.5124	2.2598	2.1590	1.7071	5.6540	2.9433
Ga-65	1.9038	1.5846	2.0507	1.8294	1.7358	1.3984	3.2123	2.2661
Ga-66	1.6080	1.4078	1.8943	1.7113	1.5073	1.2070	3.8364	2.1872
Ga-67	2.1405	1.6852	2.3207	2.1428	1.8092	1.5410	3.3820	2.3952
Ga-68	0.1047	0.0838	0.1360	0.1201	0.0819	0.0658	0.1944	0.1620
Ga-70	0.0174	0.0154	0.0204	0.0179	0.0163	0.0129	0.0399	0.0237
Ga-72	3.3728	2.9854	3.9278	3.4405	3.3278	2.5612	8.7887	4.6844
Ga-73	2.4737	2.0071	2.7989	2.5424	2.1115	1.9070	3.9687	2.8947
Ga-74	3.6973	3.2752	4.1998	3.8023	3.6445	2.8286	9.1347	4.9776
Gd-142	1.6229	1.3292	1.7534	1.6268	1.5492	1.1943	3.3803	1.7832
Gd-143m	4.3061	3.5789	4.6371	4.2830	4.1261	3.2596	8.8649	4.9493
Gd-144	1.0766	0.8256	1.1750	1.0870	1.0086	0.7731	2.2341	1.0580
Gd-145m	1.7150	1.4416	2.0614	1.8078	1.6158	1.2285	4.1535	2.4233
Gd-145	2.4690	2.0479	2.6958	2.4593	2.3806	1.8338	5.6859	2.6286
Gd-146	4.8422	3.7114	4.9759	4.6141	4.4968	3.4477	8.3620	4.6201
Gd-147	5.1248	4.2817	5.6004	5.0944	4.9199	3.7907	11.1206	6.0136
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.7315	2.9994	3.9511	3.6220	3.5259	2.7768	7.1524	3.8563
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.5100	1.0824	1.6459	1.5435	1.3436	0.9793	2.6616	1.3828
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.5831	1.8229	2.6402	2.4951	2.3613	1.8869	4.4271	2.0176
Gd-159	0.4850	0.3770	0.5259	0.4796	0.4583	0.3401	0.9590	0.4783
Gd-162	1.6095	1.3807	1.7370	1.5937	1.5447	1.1949	3.4548	2.1463
Ge-66	2.8258	2.2844	3.1648	2.8840	2.5025	2.0030	5.0473	3.3832
Ge-67	2.0012	1.8157	2.0953	1.8971	1.9613	1.5070	4.2290	2.3208
Ge-68	0.4969	0.3369	0.7072	0.6166	0.2725	0.2268	0.4760	0.8128
Ge-69	1.5070	1.2664	1.8534	1.6664	1.3176	1.0432	3.2178	2.2540
Ge-71	0.5039	0.3417	0.7173	0.6254	0.2764	0.2300	0.4828	0.8244
Ge-75	0.2214	0.1966	0.2196	0.2112	0.2154	0.1788	0.3841	0.2528
Ge-77	3.7842	3.3674	4.0118	3.7027	3.6910	2.9306	7.9986	4.6254
Ge-78	1.6678	1.4650	1.6552	1.5779	1.6140	1.4335	2.8353	1.8050
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9564	1.6166	2.1436	1.8978	1.8417	1.5607	3.5444	1.8585
Hf-169	2.7667	2.3032	3.0885	2.8039	2.6309	1.8838	4.9125	3.3280
Hf-170	3.8192	3.1484	4.3261	3.8252	3.5630	2.5663	7.1627	4.3518

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	2.8752	2.2562	3.3790	3.1271	2.5539	1.7241	4.8489	3.1322
Hf-173	4.6200	3.8990	4.9551	4.4021	4.3530	3.3078	7.8744	5.2502
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.9458	2.4107	3.2877	2.9053	2.7706	2.1853	5.5915	3.0014
Hf-177m	16.7878	14.3791	17.9048	16.1719	15.9159	13.0725	31.2718	17.8657
Hf-178m	12.0915	10.3098	12.7669	11.7872	11.4953	9.1809	23.0375	13.8950
Hf-179m	6.8079	5.8027	7.4129	6.6553	6.4145	4.9271	12.6792	7.8673
Hf-180m	6.1737	5.2571	6.6254	6.0032	5.8662	4.7364	11.7472	6.6995
Hf-181	2.9541	2.5494	3.1710	2.8871	2.7907	2.1300	5.0630	3.8078
Hf-182	1.7600	1.5310	1.7970	1.6881	1.6906	1.4012	3.0014	1.9519
Hf-182m	5.2090	4.3938	5.7547	5.1427	4.9142	3.8147	9.9700	5.9452
Hf-183	2.6798	2.2524	2.9872	2.6718	2.5892	1.8519	5.9282	3.3935
Hf-184	2.9856	2.4217	3.4068	3.0368	2.5624	2.0216	4.8888	3.6263
Hg-190	3.5971	2.9502	3.7872	3.6048	3.2373	2.3383	6.1147	4.1940
Hg-191m	6.0128	5.0516	6.4688	6.1026	5.6127	4.2645	11.6502	7.3405
Hg-192	3.5968	2.8902	3.7965	3.6686	3.2187	2.4452	6.0732	3.9573
Hg-193	3.6226	2.9628	3.9589	3.7471	3.2964	2.4238	7.1308	4.2693
Hg-193m	3.5232	2.9325	3.8624	3.6237	3.2868	2.4402	7.3122	4.3503
Hg-194	0.2910	0.1928	0.3688	0.3922	0.1639	0.1397	0.2826	0.4491
Hg-195	2.2180	1.7187	2.4596	2.3788	1.9089	1.3531	3.8750	2.5582
Hg-195m	2.3984	1.8553	2.6488	2.6546	1.9741	1.5041	3.7269	2.9793
Hg-197	2.0328	1.5346	2.1570	2.1601	1.7303	1.1798	3.3932	2.2791
Hg-197m	1.8973	1.5066	2.0133	1.9926	1.6067	1.1914	2.9158	2.3688
Hg-199m	2.5632	2.1033	2.6525	2.5933	2.3228	1.7037	4.6298	2.9145
Hg-203	1.6343	1.3999	1.6219	1.5730	1.5547	1.3363	2.7850	1.7614
Hg-205	0.0552	0.0480	0.0562	0.0533	0.0521	0.0393	0.1111	0.0556
Hg-206	0.7760	0.6474	0.7903	0.7486	0.7267	0.6515	1.3997	0.7816
Hg-207	4.2884	3.7434	4.6630	4.2253	4.1555	3.3890	9.8830	5.0885
Ho-150	2.3168	2.0004	2.7516	2.3695	2.2670	1.6851	5.9131	3.3453
Ho-153	2.8353	2.3494	3.0436	2.7946	2.7159	2.1844	5.6097	3.0642
Ho-153m	3.2928	2.7234	3.5106	3.2193	3.1500	2.3991	6.4707	3.6876
Ho-154m	6.8944	5.9040	7.4564	6.8336	6.6745	5.3733	14.4537	8.5537
Ho-154	3.6087	3.0798	3.9353	3.5529	3.4844	2.9101	7.7549	4.1895
Ho-155	2.7127	2.1760	2.9251	2.6918	2.5551	1.8687	5.1797	2.8784
Ho-156	5.0080	4.2872	5.3654	4.9364	4.8385	3.6934	10.2146	6.0503
Ho-157	4.1058	3.2754	4.4248	4.0770	3.8904	2.8452	7.9062	4.2447
Ho-159	4.5828	3.6805	4.8430	4.4389	4.3295	3.1472	8.2489	4.8604
Ho-160	5.0929	4.2534	5.8508	5.1622	4.9011	3.5861	11.8784	6.4450
Ho-161	1.7096	1.2651	1.9190	1.9969	1.5467	1.0477	3.0190	1.6360
Ho-162	1.5545	1.1480	1.6968	1.5869	1.4411	0.9296	2.9528	1.5311

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	3.0208	2.4287	3.3631	3.1012	2.8157	2.0171	6.0264	3.3526
Ho-163	0.0081	0.0055	0.0116	0.0100	0.0044	0.0037	0.0078	0.0133
Ho-164	0.8635	0.6299	0.9526	0.8786	0.7960	0.5133	1.5922	0.8212
Ho-164m	1.5797	1.1457	1.8728	1.6856	1.3700	0.8961	2.7152	1.7004
Ho-166	0.3452	0.2607	0.3691	0.3521	0.3076	0.1973	0.6217	0.3893
Ho-166m	5.7533	4.9836	6.3809	5.6946	5.5653	4.2047	12.9149	7.2753
Ho-167	2.1583	1.8200	2.2644	2.0645	2.0604	1.7679	4.2123	2.2477
Ho-168	2.1834	1.8661	2.5288	2.2192	2.1066	1.5431	5.3183	3.0209
Ho-168m	0.3018	0.2165	0.3743	0.3337	0.2372	0.1602	0.4602	0.3706
Ho-170	5.0304	4.3468	5.5942	5.0463	4.8663	3.6666	11.1619	6.4407
I-118m	6.4165	5.6374	7.5432	6.7905	6.2840	4.8462	15.9808	9.2477
I-118	2.1927	1.9215	2.5607	2.3276	2.1464	1.6488	5.3712	3.1338
I-119	2.1700	1.8675	2.3222	2.4323	2.0849	1.6755	3.8096	2.6054
I-120	2.6438	2.3056	3.0152	2.8863	2.5805	1.9975	6.0635	3.5102
I-120m	5.5204	4.8352	6.4208	5.8994	5.3985	4.1407	13.2105	7.8634
I-121	2.4676	2.1173	2.7706	2.9304	2.3428	1.8156	4.7781	2.6890
I-122	0.5099	0.4256	0.6155	0.6436	0.4846	0.3700	1.0581	0.6889
I-123	2.3681	2.0258	2.6671	2.8971	2.2652	1.7253	4.4077	2.6977
I-124	2.0507	1.7254	2.4863	2.5192	1.9618	1.4981	4.6700	2.7383
I-125	1.4201	1.0405	1.9195	2.4958	1.2609	0.9582	2.3418	1.6337
I-126	1.5467	1.2998	1.8416	1.8400	1.4793	1.1400	3.5428	2.0699
I-128	0.2634	0.2239	0.2961	0.3014	0.2529	0.1937	0.5242	0.3536
I-129	0.8116	0.5514	1.1458	1.2215	0.7285	0.5428	1.4128	1.0052
I-130m	0.4672	0.3751	0.5791	0.5947	0.4276	0.3271	0.8410	0.6435
I-130	5.0729	4.4460	5.8814	5.2039	4.9715	3.7768	12.2434	7.4273
I-131	1.6700	1.7274	1.7625	1.6202	1.6349	1.7140	1.7773	1.7066
I-132	4.5417	3.9901	5.3843	4.6810	4.4627	3.3918	11.7577	6.6798
I-132m	1.3352	1.1087	1.6026	1.5588	1.2451	0.9546	2.8669	1.7749
I-133	1.5690	1.3803	1.7292	1.6106	1.5328	1.1795	3.1029	2.2534
I-134m	2.3287	1.8969	2.6549	2.7791	2.2001	1.7920	4.0404	2.6785
I-134	4.6679	4.1429	5.4869	4.7738	4.5952	3.5283	11.9531	6.7677
I-135	2.0391	1.8243	2.2838	2.1666	2.0190	1.5802	5.1040	2.7728
In-103	3.3933	3.0353	3.7643	3.4795	3.3257	2.5729	8.0950	4.2402
In-105	3.0208	2.6780	3.2649	3.1717	2.9191	2.2499	6.2919	3.9345
In-106	5.4929	4.8767	6.5103	5.7420	5.3869	4.1455	14.0256	7.9477
In-106m	2.5108	2.2143	2.9278	2.6234	2.4643	1.8978	6.5350	3.4016
In-107	2.7628	2.4411	2.9640	3.0919	2.6539	2.0921	5.8169	3.0950
In-108	7.2162	6.3911	8.3056	7.7952	7.0447	5.4829	17.6180	9.8583
In-108m	2.6188	2.3042	3.0028	2.9211	2.5467	1.9718	6.4712	3.3907
In-109	2.8688	2.5267	3.0568	3.3312	2.7287	2.0895	5.8919	3.0681

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.4723	1.2858	1.7869	1.5573	1.4393	1.0882	3.9545	2.1716
In-110	6.5959	5.8091	7.8457	7.2822	6.4149	4.8971	16.7155	9.4068
In-110m	1.9680	1.7135	2.3317	2.2254	1.9045	1.4413	4.9775	2.7343
In-111	3.9492	3.5263	3.9844	4.3626	3.8001	2.9234	7.0441	4.3065
In-111m	1.3784	1.2062	1.5173	1.4819	1.3366	1.0266	2.6263	1.9371
In-112	0.3207	0.2697	0.3557	0.5084	0.2892	0.2143	0.5646	0.3473
In-112m	0.7396	0.6274	0.8070	1.1993	0.6720	0.5119	1.1979	0.7231
In-113m	1.2100	1.0428	1.3066	1.3868	1.1590	0.9043	2.6650	1.4958
In-114	0.0064	0.0055	0.0070	0.0094	0.0060	0.0045	0.0123	0.0076
In-114m	0.7170	0.6179	0.7867	1.0057	0.6617	0.5065	1.3217	0.7364
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.0575	0.8951	1.1242	1.2958	0.9857	0.8976	1.9005	1.0186
In-116m	3.2861	2.9418	3.6861	3.5551	3.2560	2.5315	8.3303	4.6087
In-117	3.1437	2.8187	3.3431	3.1466	3.0891	2.3613	6.3201	3.9964
In-117m	0.7925	0.6886	0.8262	0.9213	0.7512	0.6530	1.4130	0.7730
In-118m	4.1574	3.7306	4.8423	4.5137	4.1155	3.1972	10.9080	6.1004
In-118	0.1019	0.0914	0.1150	0.1158	0.1013	0.0786	0.2592	0.1501
In-119	1.7107	1.4819	2.0431	1.8867	1.6532	1.2379	4.3326	2.4899
In-119m	0.1955	0.1672	0.2203	0.2685	0.1792	0.1469	0.3827	0.2272
In-121	1.6865	1.5147	2.0096	1.7204	1.6623	1.2999	4.3828	2.4574
In-121m	0.6611	0.5416	0.7946	1.0081	0.6148	0.4560	1.1827	0.6015
Ir-180	4.2545	3.6473	4.7959	4.2504	3.9978	3.1189	8.4708	5.3765
Ir-182	4.1025	3.5095	4.5408	4.0805	3.8304	2.9926	7.6986	5.0277
Ir-183	4.2145	3.4922	4.8634	4.2983	3.8647	2.9346	8.1518	4.7708
Ir-184	6.1603	5.2574	6.8959	6.2101	5.7848	4.4963	12.1421	7.5395
Ir-185	3.8991	3.1526	4.5728	4.0616	3.4461	2.6078	6.9478	4.3658
Ir-186	5.9646	5.0785	6.6891	5.9599	5.5938	4.4149	11.7167	7.1034
Ir-186m	3.4540	2.9364	4.0292	3.5054	3.2379	2.4561	7.3243	4.3117
Ir-187	2.6486	2.1368	3.1953	2.7734	2.3454	1.7237	4.8416	3.0083
Ir-188	4.2589	3.6339	4.8748	4.3294	4.0150	3.0385	8.9663	4.9698
Ir-189	1.8377	1.4408	2.2392	1.9541	1.5680	1.1408	3.0049	1.9892
Ir-190	6.5838	5.6596	7.4116	6.6015	6.2460	4.7964	13.5700	8.0762
Ir-190m	0.2798	0.1888	0.3892	0.3538	0.1542	0.1291	0.2688	0.4521
Ir-190n	1.4887	1.1692	1.8204	1.5696	1.2926	0.9284	2.4968	1.5574
Ir-191m	1.8382	1.4561	2.1305	1.9373	1.5415	1.1339	2.8118	2.2266
Ir-192	3.7895	3.2542	3.9779	3.6370	3.6144	3.2990	7.0105	4.0370
Ir-192m	0.3200	0.2134	0.4199	0.4228	0.1788	0.1516	0.3104	0.5013
Ir-192n	0.6750	0.4515	0.8814	0.8900	0.3814	0.3219	0.6643	1.0495
Ir-193m	0.2835	0.1920	0.3905	0.3583	0.1592	0.1324	0.2789	0.4520
Ir-194	0.3476	0.2990	0.3681	0.3338	0.3325	0.3088	0.6898	0.3654

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	7.9477	6.8664	8.7034	7.8743	7.6484	6.3652	16.5347	10.0555
Ir-195	1.4921	1.1433	1.6665	1.5732	1.2763	0.9505	2.4182	1.5917
Ir-195m	2.4872	2.0569	2.7092	2.5050	2.2829	1.8099	4.6624	2.8476
Ir-196	0.6929	0.5993	0.7583	0.6794	0.6701	0.5597	1.5351	0.8552
Ir-196m	8.4902	7.3095	9.3028	8.4725	8.1544	6.4996	18.2052	11.1655
K-38	1.4215	1.2735	1.5282	1.4093	1.4103	1.1284	3.5280	1.5665
K-40	0.1647	0.1456	0.1789	0.1718	0.1618	0.1251	0.4050	0.2044
K-42	0.2787	0.2471	0.2964	0.2760	0.2766	0.2149	0.6823	0.3183
K-43	3.0440	2.6583	3.4149	3.0158	2.9687	2.3752	7.2901	4.0573
K-44	2.2587	2.0308	2.5562	2.3962	2.2412	1.7684	5.8304	3.0385
K-45	2.8451	2.5727	2.9886	2.7440	2.8147	2.1822	6.4678	3.1994
K-46	2.2399	2.0085	2.4605	2.4718	2.2309	1.7506	5.7087	3.0080
Kr-74	2.5917	2.1424	2.5893	2.5826	2.3748	1.9341	4.5245	2.7796
Kr-75	2.2707	1.9983	2.2708	2.1892	2.1336	1.6341	3.8968	2.9217
Kr-76	2.9736	2.3762	3.0091	3.2718	2.6022	2.2595	4.9527	3.3769
Kr-77	2.4223	2.1458	2.3991	2.2746	2.2697	1.7462	3.8689	3.1850
Kr-79	1.2528	0.9664	1.2748	1.5479	1.0090	0.8417	2.0192	1.6280
Kr-81	0.5707	0.3612	0.5517	0.8926	0.3378	0.3014	0.5734	0.7735
Kr-81m	1.4165	1.2427	1.4105	1.4489	1.3175	1.0321	2.7979	1.4525
Kr-83m	0.2505	0.1599	0.2575	0.3799	0.1469	0.1296	0.2490	0.3505
Kr-85	0.0064	0.0057	0.0069	0.0066	0.0063	0.0048	0.0111	0.0092
Kr-85m	1.6441	1.4742	1.6287	1.5471	1.5895	1.2632	2.9957	1.8977
Kr-87	1.2292	1.0810	1.3413	1.2190	1.2093	0.9313	3.0105	1.6238
Kr-88	2.1823	1.9302	2.3308	2.2301	2.1233	1.6715	5.1169	2.5188
Kr-89	2.6480	2.3560	2.9254	2.6834	2.6025	2.0413	6.2567	3.4205
La-128	4.9476	4.3206	5.4941	5.0412	4.8197	3.9171	10.5655	6.4744
La-129	2.1011	1.7047	2.4018	2.2173	1.9958	1.6355	3.8520	2.5666
La-130	3.5652	3.0699	4.0382	3.6473	3.4594	2.8262	7.9161	4.6197
La-131	2.7057	2.1375	3.1842	2.9222	2.5551	2.0672	5.0749	3.3355
La-132	3.1531	2.6705	3.6649	3.3621	3.0535	2.3485	6.7031	4.3156
La-132m	2.8756	2.4087	3.3036	2.9808	2.7330	2.0944	5.5472	3.8840
La-133	1.0834	0.7469	1.5329	1.3946	0.9564	0.7284	1.9271	1.4993
La-134	0.4239	0.2995	0.5996	0.5403	0.3905	0.2896	0.8369	0.5925
La-135	0.8692	0.5664	1.2973	1.1748	0.7834	0.5745	1.5573	1.2138
La-136	0.5942	0.3939	0.8797	0.7944	0.5383	0.3951	1.1033	0.8336
La-137	0.8135	0.5237	1.2258	1.1090	0.7301	0.5345	1.4513	1.1366
La-138	1.9546	1.6239	2.3594	2.1799	1.8926	1.4332	4.6573	2.6582
La-140	3.2675	2.8718	3.5393	3.1935	3.2089	2.5412	7.3832	3.9840
La-141	0.0289	0.0258	0.0317	0.0317	0.0287	0.0222	0.0736	0.0388
La-142	2.2843	2.0294	2.6095	2.3423	2.2569	1.7641	5.8998	2.9918

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3297	0.2930	0.3776	0.3416	0.3256	0.2523	0.8442	0.4504
Lu-165	4.0974	3.4055	4.5053	4.0537	3.9029	2.8010	8.0167	4.6469
Lu-167	4.4494	3.7142	5.0291	4.6357	4.2353	3.0890	9.2085	5.1805
Lu-169m	0.2039	0.1383	0.2908	0.2526	0.1118	0.0930	0.1953	0.3340
Lu-169	4.1642	3.4899	4.7336	4.2451	3.9873	2.8309	8.9250	4.8328
Lu-170	4.0231	3.4048	4.5490	4.1854	3.8718	2.8179	9.0319	4.8130
Lu-171m	0.2214	0.1511	0.3133	0.2724	0.1245	0.1021	0.2194	0.3573
Lu-171	3.7733	3.0223	4.4421	3.9531	3.4668	2.3440	7.6341	4.5776
Lu-172	5.6650	4.8077	6.4861	5.7881	5.4199	3.9559	12.5994	7.1049
Lu-172m	0.1833	0.1244	0.2616	0.2271	0.1005	0.0836	0.1756	0.3003
Lu-173	3.2141	2.5437	3.5850	3.2295	3.0300	2.0109	5.9405	3.2941
Lu-174	1.5708	1.2185	1.8283	1.6354	1.4418	0.9132	2.9129	1.6879
Lu-174m	1.7916	1.3543	2.1931	1.9110	1.5280	1.0279	2.9894	1.9932
Lu-176	3.9794	3.4026	4.1984	3.8044	3.7320	3.1702	7.4390	3.8954
Lu-176m	0.4125	0.3102	0.4638	0.4244	0.3488	0.2565	0.6556	0.4551
Lu-177	0.4382	0.3728	0.4647	0.4187	0.4089	0.3200	0.7895	0.4553
Lu-177m	8.6835	7.4362	9.2849	8.3595	8.2434	6.4248	16.3281	9.4040
Lu-178	0.4085	0.3287	0.4529	0.4261	0.3701	0.2869	0.7772	0.4687
Lu-178m	7.3107	6.1353	7.5614	6.9833	6.9344	5.6758	13.9437	7.6641
Lu-179	0.2478	0.2225	0.2560	0.2344	0.2397	0.1853	0.4926	0.2590
Lu-180	3.5557	3.0861	3.9153	3.6622	3.4232	2.6952	7.9584	4.4719
Lu-181	2.8182	2.3512	3.2363	2.8560	2.6046	1.9911	5.6682	3.4539
Mg-27	1.5559	1.3896	1.8707	1.5903	1.5350	1.1816	4.1467	2.3157
Mg-28	2.7028	2.2742	3.2789	3.1510	2.6385	2.0159	6.4419	3.7549
Mn-50m	5.1255	4.5646	5.9358	5.4304	5.0727	3.9008	13.4279	7.3406
Mn-51	0.0128	0.0103	0.0162	0.0143	0.0105	0.0082	0.0256	0.0194
Mn-52	4.7075	4.1630	5.5017	4.9092	4.6029	3.5442	12.1331	6.6871
Mn-52m	1.5155	1.3485	1.6414	1.6012	1.5056	1.1647	3.7989	1.9188
Mn-53	0.1646	0.1117	0.2352	0.2036	0.0902	0.0750	0.1576	0.2699
Mn-54	1.7059	1.4705	2.0855	1.7770	1.6084	1.2231	4.2565	2.5853
Mn-56	2.1568	1.9139	2.5070	2.1727	2.1295	1.6385	5.6197	2.9751
Mn-57	0.7701	0.6082	0.8492	0.8440	0.6198	0.5002	1.1502	1.0815
Mn-58m	3.4356	3.0397	3.9203	3.6130	3.3952	2.5945	8.6910	4.8905
Mo-101	2.7280	2.4094	3.0342	2.7866	2.6477	2.0467	6.3242	3.5919
Mo-102	0.1772	0.1603	0.1775	0.1655	0.1722	0.1331	0.3378	0.1965
Mo-89	0.3413	0.2990	0.3898	0.3651	0.3319	0.2555	0.8627	0.4880
Mo-90	4.0505	3.4236	3.8506	4.0889	3.7198	2.9646	6.3400	5.1136
Mo-91m	1.4744	1.2940	1.6914	1.5583	1.4431	1.1044	3.8004	2.0695
Mo-91	0.0550	0.0408	0.0467	0.0663	0.0442	0.0344	0.0751	0.0714
Mo-93	0.6354	0.4406	0.4939	0.8124	0.4705	0.3651	0.6373	0.8644

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	4.2184	3.6912	4.5910	4.3211	4.1057	3.1925	9.7202	5.5130
Mo-99	0.5141	0.4501	0.5631	0.5127	0.4969	0.3752	1.1547	0.6746
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9887	0.8745	1.0711	0.9441	0.9873	0.8034	2.4595	1.0141
Na-22	1.5231	1.3651	1.6991	1.7875	1.5186	1.1735	3.9683	2.2472
Na-24	2.9033	2.5965	3.1742	3.1189	2.8902	2.2786	7.3500	3.6379
Nb-87	2.7107	2.3596	2.6480	2.6813	2.5113	1.9511	5.0280	2.9743
Nb-88m	5.5452	4.9439	6.3372	5.7125	5.4526	4.2551	13.8066	7.8349
Nb-88	6.9468	6.0778	7.6857	7.2628	6.7173	5.2287	16.0700	9.7612
Nb-89	0.6372	0.5332	0.6450	0.7029	0.5871	0.4669	1.3420	0.8131
Nb-89m	1.4594	1.2553	1.5225	1.5274	1.3889	1.0741	2.4768	2.0795
Nb-90	4.8577	4.2600	5.0943	5.0360	4.6501	3.6469	10.5522	6.3146
Nb-91	0.6487	0.4298	0.4882	0.8577	0.4609	0.3773	0.6323	0.9058
Nb-91m	0.5810	0.4096	0.4656	0.7354	0.4390	0.3433	0.6374	0.7902
Nb-92	3.6745	3.1305	4.0404	3.9435	3.4391	2.6825	7.9763	5.3463
Nb-92m	2.2264	1.8542	2.3941	2.4679	2.0181	1.5960	4.8568	3.2399
Nb-93m	0.1248	0.0864	0.1044	0.1591	0.0902	0.0704	0.1247	0.1730
Nb-94m	0.4426	0.3084	0.3505	0.5635	0.3290	0.2553	0.4575	0.6039
Nb-94	3.0459	2.6861	3.6737	3.1198	2.9968	2.2746	8.1652	4.5586
Nb-95	1.5356	1.3406	1.8424	1.5712	1.5101	1.1285	4.0892	2.3131
Nb-95m	0.8845	0.7094	0.7866	0.9799	0.7636	0.5966	1.2688	1.0948
Nb-96	4.8621	4.2958	5.6324	5.0258	4.7814	3.6610	12.0033	7.0973
Nb-97	1.5346	1.3434	1.8628	1.5830	1.5052	1.1378	4.1648	2.2887
Nb-98m	4.7895	4.2114	5.5837	4.9070	4.7129	3.6094	12.3727	6.8167
Nb-99	2.8110	2.3645	2.6391	2.6560	2.6154	2.1172	4.3157	3.2024
Nb-99m	1.0584	0.9155	1.1189	1.0658	1.0241	0.8291	2.2951	1.2803
Nd-134	3.0100	2.4647	3.2798	3.0118	2.8659	2.2568	5.7326	3.2371
Nd-135	3.4442	2.8099	3.7867	3.4864	3.2527	2.5130	6.7428	3.7885
Nd-136	2.6159	1.8993	2.9817	2.7443	2.3894	1.8996	4.6483	2.7011
Nd-137	3.0308	2.3701	3.4897	3.2036	2.8631	2.1843	6.3071	3.5780
Nd-138	1.0096	0.6646	1.2564	1.1542	0.9026	0.6878	1.8166	1.0146
Nd-139	1.0550	0.7613	1.2831	1.1740	0.9706	0.7342	2.1150	1.1974
Nd-139m	4.7040	3.8198	5.4888	4.8807	4.4786	3.4905	10.4090	5.9802
Nd-140	0.9007	0.5747	1.1396	1.0480	0.7991	0.5967	1.6106	0.9078
Nd-141	0.9275	0.6000	1.1689	1.0768	0.8269	0.6183	1.6830	0.9469
Nd-141m	1.4837	1.2775	1.7825	1.5258	1.4513	1.0853	3.8907	2.1875
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.3774	1.0164	1.4162	1.3573	1.2790	1.0086	2.4642	1.3015
Nd-149	2.5592	2.1527	2.6659	2.4630	2.4430	1.9579	4.8503	2.7711
Nd-151	2.9889	2.5565	3.1722	2.9227	2.8799	2.2822	6.0346	3.6720

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.1118	0.9428	1.1236	1.1029	1.0456	0.8729	1.8590	1.2742
Ne-19	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	0.0005	0.0003
Ne-24	1.6043	1.4106	1.7140	1.6100	1.5668	1.2055	3.0609	2.2545
Ni-56	5.4952	4.8421	6.0693	5.4274	5.2912	4.0787	11.8104	7.2716
Ni-57	1.9667	1.7241	2.1670	2.0846	1.8703	1.4497	4.4161	2.6343
Ni-59	0.2854	0.1937	0.4078	0.3531	0.1564	0.1300	0.2733	0.4679
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6912	0.6172	0.7644	0.7174	0.6846	0.5395	1.7319	0.8950
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.3253	4.3097	5.4355	5.5221	4.8239	4.1945	9.7292	6.1285
Np-233	1.9173	1.4357	1.7528	1.9778	1.6589	1.5124	2.6641	1.8416
Np-234	3.0832	2.4434	3.0307	3.2754	2.7490	2.3207	5.4438	3.4140
Np-235	0.4951	0.3340	0.4754	0.6906	0.3267	0.2680	0.5043	0.6771
Np-236	3.7520	2.8393	3.4888	4.2226	3.1069	2.6478	5.1354	4.1532
Np-236m	1.0533	0.7837	0.9664	1.1160	0.8975	0.8093	1.4503	1.0471
Np-237	1.2335	0.8697	1.1879	1.5903	0.9585	0.7688	1.6172	1.4983
Np-238	1.3447	1.1362	1.5028	1.5292	1.2065	0.9561	2.8983	1.9044
Np-239	2.8487	2.2341	2.7327	2.9445	2.4847	2.2007	4.0592	2.9688
Np-240	4.1633	3.4303	4.3650	4.5510	3.7298	2.9961	7.7500	5.3754
Np-240m	1.1188	0.9153	1.1871	1.2744	0.9887	0.7685	2.0569	1.5368
Np-241	0.7181	0.5573	0.6762	0.7468	0.6236	0.5502	1.0096	0.7469
Np-242	0.4239	0.3635	0.4741	0.4580	0.4000	0.3083	1.0002	0.5803
Np-242m	3.4954	2.8673	3.6919	3.9014	3.0995	2.4358	6.6436	4.6381
O-14	1.4070	1.2544	1.5155	1.4102	1.3979	1.1141	3.4916	1.5645
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6368	2.3891	2.7664	2.5961	2.5839	2.0049	5.9589	2.8650
Os-180	2.0369	1.6038	2.4697	2.1803	1.7485	1.2492	3.4142	2.2555
Os-181	5.1721	4.3699	5.9483	5.2398	4.8352	3.6321	10.3301	6.1472
Os-182	3.3906	2.8317	3.8690	3.4529	3.0979	2.3069	5.8984	3.9310
Os-183	4.8705	4.0247	5.5875	4.8689	4.5019	3.4058	9.3172	5.4107
Os-183m	2.7965	2.3675	3.3633	2.9612	2.6118	1.9564	6.0430	3.4906
Os-185	2.7922	2.3284	3.4156	2.8965	2.6022	1.9072	6.2232	3.5438
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2679	0.1811	0.3755	0.3367	0.1474	0.1232	0.2572	0.4347
Os-190m	6.4330	5.5736	7.1229	6.4424	6.0894	4.8414	13.0927	8.1681
Os-191	1.9742	1.5724	2.2775	2.0626	1.6747	1.2276	3.0580	2.3670
Os-191m	0.4070	0.2923	0.5405	0.4807	0.2755	0.2133	0.5075	0.5628
Os-193	0.6342	0.5160	0.7062	0.6490	0.5643	0.4275	1.0892	0.7453
Os-194	0.3037	0.2037	0.3860	0.3756	0.1948	0.1546	0.3577	0.4227
Os-196	0.6565	0.5520	0.7241	0.6485	0.6085	0.4634	1.2101	0.7554

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0011	0.0010	0.0012	0.0011	0.0011	0.0008	0.0026	0.0012
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.6965	0.5062	0.6688	0.8053	0.5616	0.4596	0.9573	0.7761
Pa-228	5.4350	4.3520	5.4949	5.8077	4.8406	4.0052	9.9130	6.5792
Pa-229	1.6564	1.2133	1.4893	1.7702	1.4016	1.2157	2.3381	1.6755
Pa-230	3.1146	2.4551	3.1134	3.3481	2.7512	2.2783	5.5360	3.7549
Pa-231	1.0658	0.7494	1.0768	1.4448	0.7690	0.6578	1.2881	1.3715
Pa-232	2.7643	2.3275	3.0006	2.9940	2.5241	1.9904	5.6969	3.8040
Pa-233	2.3504	1.8260	2.2534	2.4908	2.0306	1.8754	3.5129	2.4160
Pa-234	5.4359	4.4823	5.6786	5.7844	4.9213	3.9817	10.3721	6.9152
Pa-234m	0.0441	0.0365	0.0472	0.0472	0.0402	0.0330	0.0903	0.0567
Pa-235	0.0965	0.0654	0.1372	0.1200	0.0530	0.0441	0.0925	0.1578
Pa-236	1.9665	1.6343	2.1405	2.1384	1.8001	1.4243	4.2723	2.5963
Pa-237	1.3751	1.1943	1.5974	1.4192	1.3158	1.0202	3.1373	1.9968
Pb-194	4.3537	3.5800	4.5334	4.4292	4.0402	2.9681	8.7244	5.0999
Pb-195m	6.0849	5.0363	6.5564	6.2725	5.6328	4.3053	12.9974	7.7738
Pb-196	3.9062	3.1731	3.9339	3.9551	3.5890	2.6302	6.9311	4.5157
Pb-197	4.1172	3.4222	4.3745	4.2179	3.8716	2.8908	8.9311	5.0929
Pb-197m	5.3300	4.3963	5.6155	5.4549	4.9284	3.7230	10.9645	6.5705
Pb-198	3.7847	3.0677	3.8326	3.8027	3.4664	2.6411	6.9563	4.2201
Pb-199	3.4844	2.8558	3.6403	3.5437	3.2397	2.4517	7.1626	4.0995
Pb-200	3.3445	2.6701	3.3318	3.4070	2.9999	2.1552	5.7378	3.8095
Pb-201	3.9959	3.2616	4.1497	4.0025	3.6928	2.9797	7.7591	4.4492
Pb-201m	1.4817	1.2112	1.6289	1.5482	1.3767	1.0009	3.3510	1.9545
Pb-202	0.2770	0.1845	0.3626	0.3666	0.1547	0.1312	0.2682	0.4338
Pb-202m	4.8986	4.2615	5.5610	5.0049	4.7270	3.6153	11.7016	6.9180
Pb-203	3.2293	2.6077	3.2072	3.2346	2.9540	2.2877	5.5628	3.5160
Pb-204m	4.5510	4.0080	5.2288	4.5669	4.4408	3.5156	11.3326	6.2991
Pb-205	0.2804	0.1868	0.3669	0.3711	0.1566	0.1328	0.2715	0.4390
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3671	0.2414	0.3954	0.5109	0.2361	0.1922	0.4164	0.4961
Pb-211	0.1859	0.1597	0.2049	0.1872	0.1795	0.1355	0.4386	0.2564
Pb-212	1.5770	1.2949	1.4892	1.5721	1.4633	1.0879	2.7465	1.7625
Pb-214	1.6874	1.3903	1.6794	1.6760	1.5631	1.3103	3.0955	1.8469
Pd-100	3.0890	2.4777	2.7780	3.3360	2.8634	1.8719	5.0665	3.1130
Pd-101	2.0141	1.7232	1.9899	2.4453	1.8313	1.3378	3.1866	2.2193
Pd-103	0.6396	0.5376	0.5888	0.8658	0.5523	0.3471	0.7851	0.6509
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2596	1.1348	1.2760	1.3091	1.2049	0.9073	2.4596	1.2510

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.3844	0.3143	0.3854	0.5930	0.3348	0.2401	0.5396	0.3651
Pd-111	0.1115	0.0970	0.1238	0.1173	0.1087	0.0825	0.2533	0.1462
Pd-112	0.2702	0.2064	0.2333	0.3427	0.2134	0.1474	0.2952	0.3301
Pd-114	0.2272	0.2035	0.2266	0.2156	0.2182	0.1703	0.3907	0.2771
Pd-96	3.5635	3.1358	3.8175	3.6647	3.4022	2.5353	7.0703	4.8898
Pd-97	3.1553	2.7937	3.3467	3.2318	3.0720	2.4175	6.6164	3.9464
Pd-98	2.8664	2.4074	2.8478	2.9933	2.6680	2.0954	4.7863	3.1106
Pd-99	2.9056	2.5820	2.9829	2.9227	2.7811	2.0925	5.4460	3.7120
Pm-136	4.7436	4.1220	5.3937	4.7484	4.6235	3.6932	11.3553	6.3971
Pm-137m	5.2866	4.4040	5.6527	5.2405	5.0583	4.0468	10.3597	6.0220
Pm-139	0.8922	0.6996	1.0048	0.9205	0.8422	0.6501	1.8884	1.0306
Pm-140m	5.0568	4.4019	5.8750	5.1729	4.9425	3.7978	12.5641	7.1233
Pm-140	0.3524	0.2865	0.4088	0.3728	0.3371	0.2560	0.7972	0.4468
Pm-141	0.7448	0.5460	0.8723	0.8111	0.6884	0.5213	1.5315	0.7898
Pm-142	0.2859	0.1989	0.3358	0.3088	0.2604	0.1956	0.5574	0.2762
Pm-143	1.5241	1.1143	1.8325	1.6432	1.4081	1.0510	3.2538	1.7421
Pm-144	4.6754	3.8700	5.5366	4.8757	4.4923	3.3945	11.0574	6.3584
Pm-145	0.9701	0.6278	1.1612	1.0740	0.8589	0.6364	1.7342	0.8970
Pm-146	2.5042	2.0456	2.8738	2.5907	2.3951	1.8095	5.4792	3.2811
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8868	0.7859	0.9958	0.9105	0.8738	0.6738	2.1005	1.2139
Pm-148m	5.0933	4.4471	5.8707	5.1778	4.9716	3.8539	12.0586	7.1922
Pm-149	0.0636	0.0546	0.0655	0.0614	0.0605	0.0539	0.1128	0.0687
Pm-150	2.8516	2.4973	3.1312	2.8795	2.7811	2.3641	6.5678	3.5086
Pm-151	2.0123	1.6679	2.1169	1.9444	1.9156	1.5800	3.9255	2.0951
Pm-152m	4.6957	4.0593	4.9564	4.6125	4.5285	3.6146	9.4098	5.7480
Pm-152	0.8443	0.7163	0.9213	0.8241	0.8054	0.6263	1.7450	1.0769
Pm-153	1.1858	0.9455	1.2581	1.1753	1.0950	0.8382	1.9845	1.3589
Pm-154	2.5412	2.1689	2.8093	2.5880	2.4623	1.8950	6.0576	3.1263
Pm-154m	4.4046	3.7517	4.6924	4.3644	4.2548	3.3032	9.5185	5.0844
Po-203	4.5801	3.7966	4.7661	4.7651	4.2738	3.1657	9.8287	5.7517
Po-204	6.3100	5.0456	6.4160	6.6049	5.6772	4.2203	11.8921	7.6968
Po-205	4.4003	3.6346	4.6268	4.5479	4.1174	3.0291	9.6087	5.6268
Po-206	5.1583	4.1697	5.2853	5.4494	4.6701	3.6017	9.8077	6.3938
Po-207	3.9864	3.2955	4.2032	4.1087	3.7296	2.7619	8.7492	5.1111
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-209	0.0431	0.0336	0.0491	0.0467	0.0350	0.0269	0.0699	0.0581
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0174	0.0153	0.0203	0.0177	0.0170	0.0130	0.0422	0.0254
Po-212m	0.0671	0.0593	0.0744	0.0689	0.0662	0.0518	0.1585	0.0857

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-214	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0004	0.0002
Po-215	0.0006	0.0005	0.0007	0.0006	0.0006	0.0005	0.0013	0.0008
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.5068	5.6549	7.3600	6.5561	6.3349	5.0367	15.3315	8.5470
Pr-134m	2.9082	2.5235	3.2327	2.9250	2.8406	2.1911	6.8010	3.8267
Pr-135	2.1870	1.6902	2.4960	2.3172	2.0525	1.6220	4.1896	2.4400
Pr-136	3.2305	2.7609	3.6935	3.3851	3.1326	2.4137	6.8711	4.4234
Pr-137	0.8464	0.5828	1.0939	0.9971	0.7700	0.5799	1.6121	0.9862
Pr-138	0.2892	0.1999	0.3762	0.3402	0.2638	0.1971	0.5718	0.3439
Pr-138m	5.5503	4.7101	6.4888	5.7375	5.3577	4.3800	12.7767	7.2078
Pr-139	0.8420	0.5425	1.1205	1.0249	0.7522	0.5612	1.5194	0.9457
Pr-140	0.4486	0.2886	0.5972	0.5454	0.4006	0.2993	0.8083	0.5018
Pr-142	0.0555	0.0491	0.0585	0.0530	0.0550	0.0425	0.1346	0.0599
Pr-142m	0.0130	0.0088	0.0185	0.0160	0.0071	0.0059	0.0124	0.0212
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0350	0.0308	0.0404	0.0356	0.0345	0.0265	0.0912	0.0471
Pr-144m	0.4063	0.2621	0.5219	0.4758	0.3440	0.2591	0.6875	0.4417
Pr-145	0.0478	0.0396	0.0562	0.0498	0.0461	0.0348	0.1150	0.0628
Pr-146	1.6382	1.4439	1.7969	1.6585	1.6113	1.2393	3.7621	2.2042
Pr-147	2.6935	2.0533	2.9858	2.7831	2.5190	1.9249	5.3238	2.9244
Pr-148	2.1544	1.8833	2.3316	2.1439	2.0934	1.8201	4.6453	2.5420
Pr-148m	3.2004	2.7750	3.4248	3.1129	3.0953	2.6841	6.5171	3.7735
Pt-184	6.9493	5.7176	7.8224	7.0626	6.2965	4.6692	12.6677	7.8015
Pt-186	3.5778	2.9491	4.2050	3.6913	3.2860	2.4262	7.3628	4.3145
Pt-187	4.3243	3.5203	4.9159	4.4201	3.9075	2.9622	7.8886	4.7839
Pt-188	2.9689	2.4229	3.3928	3.0382	2.6503	1.9503	5.3452	3.1657
Pt-189	3.9631	3.1948	4.5587	4.0909	3.5503	2.6409	7.1913	4.4468
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.5123	2.8126	4.0336	3.6183	3.1353	2.2958	6.1835	3.8299
Pt-193	0.2921	0.1955	0.3907	0.3808	0.1624	0.1371	0.2821	0.4625
Pt-193m	0.5673	0.4094	0.7029	0.6655	0.4044	0.3042	0.7561	0.7512
Pt-195m	2.2752	1.7093	2.6172	2.4831	1.8514	1.3854	3.4742	2.6020
Pt-197	0.6521	0.4868	0.6703	0.7116	0.5312	0.3692	1.0472	0.7903
Pt-197m	1.5175	1.1530	1.7428	1.6778	1.2324	0.9348	2.3806	1.7741
Pt-199	0.8103	0.6959	0.8701	0.8142	0.7671	0.6032	1.5536	1.0192
Pt-200	1.1603	0.9008	1.2270	1.2190	0.9962	0.7150	1.9157	1.3362
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.4195	1.0695	1.3067	1.4614	1.2274	1.1248	1.9320	1.3754
Pu-234	1.5968	1.1985	1.4721	1.6668	1.3683	1.2491	2.1517	1.5720
Pu-235	2.1046	1.5739	1.9527	2.2387	1.7882	1.6097	2.8414	2.1234
Pu-236	0.1537	0.1045	0.1406	0.2149	0.1039	0.0835	0.1572	0.2070
Pu-237	1.4169	1.0480	1.3302	1.5734	1.1689	1.0367	1.8484	1.4905
Pu-238	0.1418	0.0962	0.1295	0.1985	0.0957	0.0770	0.1446	0.1910
Pu-239	0.0793	0.0539	0.0824	0.1078	0.0513	0.0416	0.0804	0.1122
Pu-240	0.1334	0.0906	0.1219	0.1866	0.0901	0.0724	0.1362	0.1797
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Pu-242	0.1144	0.0777	0.1046	0.1601	0.0773	0.0621	0.1169	0.1542
Pu-243	0.5956	0.4461	0.5203	0.6166	0.5281	0.3789	0.9742	0.6339
Pu-244	0.1271	0.0928	0.1221	0.1651	0.0956	0.0765	0.1706	0.1691
Pu-245	1.8244	1.5226	1.8894	1.8195	1.6974	1.4918	3.3719	2.0860
Pu-246	2.3605	1.8672	2.3036	2.4633	2.1053	1.7164	3.6842	2.4536
Ra-219	1.2229	0.9934	1.1892	1.1844	1.1288	1.0392	2.1266	1.1758
Ra-220	0.0155	0.0135	0.0163	0.0155	0.0150	0.0116	0.0292	0.0214
Ra-221	0.7949	0.6126	0.7602	0.8857	0.6625	0.5236	1.1979	0.9465
Ra-222	0.0507	0.0428	0.0515	0.0477	0.0478	0.0470	0.0922	0.0475
Ra-223	1.8797	1.4696	1.7478	1.8987	1.6822	1.3231	3.1088	2.0492
Ra-224	0.0819	0.0714	0.0792	0.0803	0.0782	0.0614	0.1401	0.0951
Ra-225	0.5303	0.3361	0.5302	0.6082	0.4304	0.3388	0.8249	0.4641
Ra-226	1.5973	1.6577	1.6584	1.5529	1.5689	1.6692	1.7345	1.6141
Ra-227	1.5672	1.1889	1.5833	1.9165	1.2855	1.0905	2.2867	1.8874
Ra-228	1.6126	1.6765	1.7060	1.5941	1.5792	1.6637	1.7573	1.6161
Ra-230	0.9216	0.7249	0.9026	0.9528	0.8197	0.6518	1.5076	0.9962
Rb-77	2.3471	2.0038	2.5726	2.3809	2.2525	1.6796	4.9630	2.6618
Rb-78m	3.8382	3.3669	4.2549	3.9171	3.7595	2.9344	8.9926	5.1601
Rb-78	2.8524	2.5191	3.1147	2.9764	2.7884	2.1977	6.5778	3.7604
Rb-79	2.8217	2.4391	2.9166	2.9215	2.6433	2.0657	5.5538	3.5936
Rb-80	0.4511	0.3927	0.5378	0.4727	0.4386	0.3336	1.1681	0.6671
Rb-81	1.0769	0.8333	1.0409	1.3674	0.8944	0.7256	1.7741	1.4410
Rb-81m	0.5692	0.3680	0.4250	0.8680	0.3971	0.3392	0.6809	0.6745
Rb-82	0.2764	0.2345	0.3190	0.3007	0.2618	0.1986	0.6886	0.4069
Rb-82m	5.5234	4.7539	6.2749	6.0055	5.2605	4.0594	13.2171	7.9383
Rb-83	1.9514	1.5578	1.9608	2.3759	1.6815	1.3434	3.1367	2.7000
Rb-84	1.4863	1.2136	1.6236	1.7824	1.3125	1.0439	3.2962	2.1205
Rb-84m	2.2581	1.9655	2.2104	2.3195	2.1393	1.6880	3.9503	2.7398
Rb-86m	1.4797	1.2965	1.6582	1.5206	1.4417	1.1054	3.0935	2.1402
Rb-86	0.1335	0.1217	0.1586	0.1427	0.1324	0.1048	0.3570	0.1973
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.5986	0.5357	0.6694	0.5950	0.5926	0.4655	1.5217	0.7422
Rb-89	2.5647	2.3139	2.9618	2.7398	2.5431	2.0046	6.7077	3.6044
Rb-90	1.3672	1.2227	1.5753	1.4176	1.3544	1.0670	3.5449	1.8810
Rb-90m	3.1591	2.8070	3.6312	3.2821	3.1204	2.4259	8.1624	4.3495
Re-178	3.7006	3.1073	4.1630	3.7480	3.4464	2.6714	7.1485	4.2332
Re-179	4.5681	3.8455	5.1129	4.5586	4.2848	3.3095	8.8088	5.2439
Re-180	3.8289	3.1770	4.5563	3.9165	3.5472	2.7006	8.0178	4.6708
Re-181	4.4649	3.6967	5.1798	4.5100	4.1293	3.1838	8.8269	5.0928
Re-182	8.8665	7.4766	9.9263	8.9643	8.2899	6.3476	17.0245	9.9600
Re-182m	4.4712	3.6919	5.1898	4.6618	4.1607	3.0874	8.9652	5.1095
Re-183	3.2447	2.5908	3.8305	3.3312	2.8784	2.0819	5.5739	3.4560
Re-184	3.4360	2.8539	4.0988	3.5106	3.1923	2.3746	7.1796	4.2444
Re-184m	3.1222	2.5432	3.6157	3.1777	2.7931	2.1519	5.5282	3.5158
Re-186	0.3789	0.3165	0.4260	0.3743	0.3413	0.2501	0.6206	0.4514
Re-186m	1.0695	0.7575	1.4109	1.2566	0.7301	0.5655	1.3470	1.4523
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4578	0.4011	0.4962	0.4456	0.4336	0.3274	0.8784	0.5444
Re-188m	1.9695	1.5226	2.3987	2.0679	1.6621	1.2535	3.1115	2.1095
Re-189	0.5219	0.4482	0.5662	0.5193	0.4800	0.3690	0.9427	0.5918
Re-190	4.7798	4.2089	5.2688	4.7208	4.6363	3.5977	10.6298	6.0530
Re-190m	4.0546	3.4807	4.5479	4.0455	3.8325	2.9727	8.3224	5.0255
Rh-100m	1.0727	0.8768	1.0517	1.3757	0.9494	0.6120	1.5282	1.1451
Rh-100	4.1657	3.6388	4.4695	4.4368	4.0094	3.0446	8.8878	5.4270
Rh-101	3.5037	3.0970	3.4430	3.4776	3.2751	2.4784	5.9476	3.9931
Rh-101m	2.1063	1.7816	2.0597	2.2113	1.9359	1.7147	3.3503	2.1084
Rh-102	1.3331	1.1441	1.3614	1.4708	1.2452	0.9187	2.3181	1.7585
Rh-102m	5.4326	4.7456	6.0919	5.7574	5.2365	3.9513	12.3123	7.6816
Rh-103m	0.0880	0.0707	0.0910	0.1166	0.0699	0.0462	0.1033	0.1013
Rh-104	0.0348	0.0304	0.0384	0.0366	0.0336	0.0255	0.0710	0.0493
Rh-104m	1.3350	1.0790	1.3303	1.5337	1.2588	0.7677	2.2162	1.2839
Rh-105	0.4157	0.3558	0.4253	0.3878	0.3954	0.3983	0.7452	0.3768
Rh-106	0.5132	0.4520	0.5749	0.5261	0.5017	0.3856	1.0754	0.7399
Rh-106m	5.7000	5.0399	6.4330	5.8362	5.5991	4.3068	13.2925	8.0555
Rh-107	1.5937	1.3769	1.6345	1.5054	1.5282	1.4403	2.9545	1.6166
Rh-108	0.9707	0.8510	1.0670	0.9715	0.9493	0.7258	2.1624	1.3627
Rh-109	1.7613	1.5236	1.7938	1.7020	1.6851	1.5154	3.2362	1.8070
Rh-94	3.6399	3.2326	4.0705	3.7722	3.5913	2.8154	9.0056	4.8530
Rh-95	2.4998	2.2273	2.8489	2.6476	2.4451	1.8878	6.2551	3.4439
Rh-95m	1.5049	1.3212	1.6617	1.5653	1.4635	1.1192	3.0780	2.1256
Rh-96	5.9876	5.2536	7.0627	6.2246	5.8623	4.4338	15.6196	8.6840

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.4934	1.3098	1.6669	1.6175	1.4370	1.0702	3.4911	1.9789
Rh-97	2.1406	1.8649	2.2983	2.2215	2.0616	1.5587	4.7479	2.8677
Rh-97m	3.4504	3.0508	3.6206	3.5792	3.3176	2.5324	7.4239	4.0616
Rh-98	1.7796	1.5577	2.1143	1.8540	1.7386	1.3151	4.6913	2.5736
Rh-99	3.0199	2.5121	2.9378	3.2115	2.7958	2.1855	5.1458	3.4097
Rh-99m	2.4069	2.0491	2.4612	2.5635	2.2455	1.8728	4.5369	2.7492
Rn-207	3.5503	2.9123	3.6358	3.5757	3.3206	2.6185	7.3906	4.2977
Rn-209	3.9259	3.2216	3.9963	3.9828	3.6782	2.7966	8.3110	4.8739
Rn-210	0.2825	0.2288	0.2862	0.2945	0.2584	0.1953	0.5517	0.3518
Rn-211	4.8559	4.0747	5.1821	5.0796	4.5883	3.4687	10.9108	6.4236
Rn-212	0.0008	0.0007	0.0009	0.0008	0.0008	0.0006	0.0021	0.0011
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0017	0.0023	0.0020	0.0019	0.0014	0.0049	0.0028
Rn-219	0.3297	0.2834	0.3290	0.3208	0.3159	0.2562	0.6246	0.3929
Rn-220	1.6619	1.7279	1.7459	1.6586	1.6277	1.7003	1.7808	1.6950
Rn-222	0.0012	0.0010	0.0012	0.0012	0.0011	0.0009	0.0020	0.0016
Rn-223	1.8253	1.4468	1.8899	1.9914	1.5916	1.2486	3.3064	2.3301
Ru-103	1.4693	1.2916	1.5579	1.4930	1.4313	1.1030	2.5076	2.0738
Ru-105	2.1613	1.8906	2.4159	2.1935	2.0958	1.6418	4.8630	2.9305
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8902	0.7926	0.9769	0.8887	0.8711	0.6800	2.0431	1.1336
Ru-108	0.7768	0.6971	0.7662	0.7438	0.7557	0.5698	1.4652	0.8503
Ru-92	7.2146	6.2659	7.1714	7.2851	6.8345	5.1799	12.9618	8.4540
Ru-94	2.2540	1.9003	2.2943	2.3926	2.0815	1.6695	4.3719	2.7715
Ru-95	3.0858	2.6442	3.2531	3.2348	2.9054	2.4374	6.3409	3.7365
Ru-97	2.4040	2.0816	2.3265	2.4914	2.2241	1.7211	4.1946	2.5745
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.2884	1.1746	1.4236	1.3829	1.2825	1.0575	3.2887	1.5098
S-38	1.2517	1.1248	1.3386	1.2198	1.2404	0.9910	3.0971	1.3598
Sb-111	2.5668	2.2888	2.7235	2.6877	2.5041	1.9370	5.0702	3.1956
Sb-113	1.9041	1.6479	2.0443	2.1729	1.8264	1.4636	3.3311	2.4240
Sb-114	2.5016	2.2201	2.8173	2.8868	2.4644	1.9349	6.2537	3.4274
Sb-115	1.9560	1.6870	2.1251	2.4410	1.8616	1.4440	3.2089	2.5363
Sb-116	2.2629	1.9997	2.5724	2.8041	2.2121	1.7229	5.5384	3.0412
Sb-116m	6.5200	5.6907	7.2896	7.5889	6.3037	5.0019	14.4716	8.5139
Sb-117	2.2898	2.0195	2.4399	2.9289	2.1888	1.6826	4.2128	2.4216
Sb-118	0.2396	0.1981	0.2825	0.4301	0.2169	0.1697	0.4311	0.2537
Sb-118m	6.2271	5.4141	6.9265	7.6679	6.0053	4.7268	13.3479	7.8417

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	0.8246	0.6616	0.9778	1.6420	0.7098	0.5545	1.2297	0.7658
Sb-120	0.4188	0.3388	0.5003	0.8273	0.3694	0.2902	0.6738	0.3975
Sb-120m	6.9401	6.0259	7.5148	7.8140	6.7000	5.2867	15.3772	8.0905
Sb-122m	1.8241	1.4463	2.1862	2.4414	1.6933	1.2021	3.2454	1.7334
Sb-122	1.1627	1.0193	1.3251	1.2122	1.1349	0.8682	2.5528	1.6829
Sb-124	2.8461	2.5079	3.2665	2.8831	2.7998	2.1477	7.1416	3.8622
Sb-124m	1.1692	1.0182	1.3579	1.2090	1.1280	0.8621	2.6389	1.7134
Sb-124n	0.0452	0.0307	0.0645	0.0559	0.0248	0.0206	0.0433	0.0740
Sb-125	1.8573	1.5556	2.1895	2.2363	1.7719	1.3538	3.9363	2.4371
Sb-126	6.6081	5.7881	7.7709	6.7347	6.4809	4.9285	17.0556	9.6235
Sb-126m	3.9646	3.4665	4.6224	4.0251	3.8844	2.9426	10.1717	5.7511
Sb-127	1.8685	1.6322	2.1299	1.9207	1.8264	1.3984	4.3062	2.6431
Sb-128	7.3710	6.4347	8.5436	7.4741	7.1993	5.7342	17.9680	10.2127
Sb-128m	4.8208	4.1845	5.5216	4.8131	4.6888	3.9007	11.4893	6.3058
Sb-129	2.5295	2.2428	2.9377	2.5738	2.4894	1.9251	6.3565	3.5735
Sb-130m	5.4866	4.8692	6.4020	5.6003	5.3969	4.1331	13.9333	7.7419
Sb-130	7.9477	7.0004	8.9735	7.9595	7.7701	6.2166	18.7769	10.3761
Sb-131	3.1556	2.8143	3.6682	3.2395	3.1088	2.4411	8.0800	4.3849
Sb-133	3.2978	2.9480	3.7458	3.4386	3.2628	2.5607	8.3985	4.4709
Sc-42m	4.5337	4.0240	4.9267	4.7489	4.4838	3.4629	10.8839	6.0641
Sc-43	0.3622	0.3123	0.3861	0.3486	0.3473	0.2942	0.7888	0.4374
Sc-44	1.5547	1.4060	1.7999	1.7388	1.5434	1.2092	4.1063	2.3052
Sc-44m	1.5061	1.3294	1.5011	1.4406	1.4596	1.2550	2.5834	1.7123
Sc-46	3.0850	2.7792	3.6673	3.2644	3.0533	2.3784	8.2255	4.5864
Sc-47	1.2228	1.1250	1.2251	1.1211	1.2161	0.9261	2.4259	1.3716
Sc-48	4.7594	4.3228	5.5715	5.0747	4.7200	3.7162	12.5557	6.8853
Sc-49	0.0009	0.0008	0.0009	0.0008	0.0009	0.0007	0.0022	0.0009
Sc-50	4.3879	3.9133	4.8476	4.5153	4.3337	3.3675	10.2333	5.8572
Se-70	2.5909	2.0220	2.9477	2.8566	2.1528	1.6257	4.2680	3.3728
Se-71	1.7485	1.5712	1.8918	1.7194	1.7046	1.3098	3.7936	2.3305
Se-72	1.5492	1.0700	1.8310	1.8183	1.1710	0.8349	2.2492	1.8728
Se-73	2.9053	2.3983	3.2071	2.8986	2.6832	2.1620	5.6157	3.1650
Se-73m	0.3856	0.3007	0.4252	0.4365	0.3163	0.2503	0.6380	0.5006
Se-75	3.6935	3.1324	3.8542	3.6766	3.3023	2.6932	5.7655	4.6937
Se-77m	1.2171	1.0479	1.2567	1.2567	1.0982	0.8537	2.1626	1.4433
Se-79m	0.6340	0.4304	0.6791	0.8219	0.4268	0.3800	0.7253	0.8067
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0309	0.0271	0.0324	0.0300	0.0300	0.0256	0.0595	0.0369
Se-81m	0.7034	0.4869	0.7482	0.8822	0.4911	0.4506	0.8114	0.8634
Se-83m	1.5344	1.3735	1.7723	1.5484	1.5093	1.2181	3.8960	2.0683

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	5.2076	4.6005	5.7145	5.2241	5.0985	4.0838	11.7901	6.7396
Se-84	1.5406	1.3471	1.6477	1.5025	1.5084	1.1512	3.5840	2.0941
Si-31	0.0011	0.0010	0.0012	0.0013	0.0011	0.0008	0.0028	0.0016
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6202	2.2097	2.8307	2.5961	2.5120	2.0996	5.2709	3.0085
Sm-140	1.8196	1.3966	1.9960	1.8586	1.6942	1.3041	3.5662	1.8822
Sm-141	2.2737	1.8894	2.4882	2.2979	2.1874	1.6799	5.0564	2.7955
Sm-141m	4.8040	4.0798	5.3295	4.8018	4.6281	3.5425	10.8364	5.6456
Sm-142	0.9152	0.5913	1.0435	0.9725	0.8119	0.6028	1.6517	0.7597
Sm-143	0.5995	0.4023	0.6831	0.6360	0.5379	0.4023	1.1240	0.5283
Sm-143m	1.4837	1.2740	1.7715	1.5185	1.4492	1.0837	3.8742	2.1599
Sm-145	1.9087	1.2587	2.1923	2.0154	1.7066	1.2585	3.4509	1.5706
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0014	0.0010	0.0018	0.0018	0.0008	0.0007	0.0014	0.0020
Sm-153	1.4789	1.0612	1.5070	1.4177	1.3582	1.0961	2.5146	1.1763
Sm-155	1.7332	1.3431	1.6533	1.5721	1.6222	1.4801	2.6792	1.4546
Sm-156	1.5097	1.2375	1.5198	1.4563	1.4088	1.0909	2.7740	1.4985
Sm-157	2.4059	2.0924	2.5282	2.3037	2.3207	1.7811	5.1038	2.4858
Sn-106	3.7053	3.2236	4.0085	4.3187	3.5514	2.7760	7.4442	4.5898
Sn-108	3.6604	3.1584	3.8928	4.2526	3.4920	2.7945	7.2258	4.2176
Sn-109	3.2439	2.8522	3.6423	3.9038	3.1337	2.4796	7.4448	4.0142
Sn-110	2.2688	1.9472	2.3498	2.8036	2.1291	1.8471	3.7245	2.2900
Sn-111	0.6641	0.5578	0.7496	1.1060	0.6031	0.4640	1.1910	0.6811
Sn-113	0.6806	0.5583	0.7647	1.2949	0.5970	0.4565	1.0059	0.6215
Sn-113m	0.4702	0.3761	0.5591	0.9346	0.4073	0.3178	0.7127	0.4369
Sn-117m	2.1941	1.9456	2.3186	2.6888	2.1059	1.6166	4.0640	2.3442
Sn-119m	0.5542	0.4447	0.6531	1.0850	0.4680	0.3655	0.8035	0.5244
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1881	0.1397	0.2428	0.3269	0.1580	0.1225	0.2883	0.2067
Sn-123	0.0098	0.0090	0.0116	0.0106	0.0098	0.0077	0.0262	0.0145
Sn-123m	1.6369	1.4906	1.6685	1.6011	1.6158	1.2320	3.2142	1.8210
Sn-125m	1.6595	1.4230	1.7203	1.5678	1.5852	1.5415	3.1632	1.6128
Sn-125	0.5084	0.4567	0.5935	0.5278	0.5018	0.3975	1.3070	0.7223
Sn-126	1.3277	1.0239	1.3333	1.5509	1.2235	0.9248	2.2550	1.2601
Sn-127m	1.4645	1.2888	1.5470	1.4904	1.4295	1.1033	2.5851	2.0418
Sn-127	3.2393	2.8882	3.6758	3.3715	3.1854	2.5012	7.7954	4.4537
Sn-128	3.5757	2.9242	4.0583	4.7464	3.3664	2.4979	6.6233	4.2635
Sn-129	1.9868	1.7487	2.3627	2.0627	1.9524	1.4958	5.2662	2.8845

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.1937	3.6353	4.6516	4.5318	4.0539	3.0553	9.1229	4.9170
Sn-130m	2.5057	2.1506	2.8149	2.7977	2.4188	1.8610	5.4552	3.1246
Sr-79	1.7614	1.3623	1.6969	1.8606	1.5844	1.3560	2.9734	1.7764
Sr-80	1.6158	1.2826	1.5741	1.9792	1.3936	1.1224	2.9545	2.1122
Sr-81	2.4974	2.2199	2.5634	2.4545	2.4098	1.8580	4.9692	3.1077
Sr-82	0.5829	0.3565	0.4085	0.9813	0.3670	0.3324	0.5896	0.7188
Sr-83	1.9778	1.5197	1.9065	2.5281	1.6609	1.3507	3.7606	2.6220
Sr-85	2.0098	1.6083	1.9280	2.4412	1.7535	1.4028	3.0498	2.7478
Sr-85m	1.8050	1.6014	1.7738	1.7781	1.7251	1.3554	3.2396	2.0544
Sr-87m	1.3633	1.1612	1.4160	1.3782	1.2957	1.0357	3.0437	1.7622
Sr-89	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0004	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2616	1.1273	1.5100	1.2995	1.2435	0.9645	3.3475	1.8560
Sr-92	1.5700	1.4015	1.7191	1.7023	1.5602	1.2071	3.9432	2.1018
Sr-93	4.1418	3.6523	4.6765	4.2649	4.0472	3.1326	9.9788	5.7151
Sr-94	1.5723	1.3984	1.7205	1.6650	1.5622	1.2045	3.9753	2.0329
Ta-170	1.9211	1.5676	2.1766	1.9250	1.7693	1.3825	3.6352	2.1041
Ta-172	4.2951	3.6401	4.8383	4.3803	4.0632	3.0899	8.9616	4.9912
Ta-173	3.2950	2.6737	3.8522	3.3746	3.0276	2.1290	6.2586	3.6074
Ta-174	3.4306	2.8699	3.8439	3.4493	3.1967	2.3651	6.7534	3.6711
Ta-175	4.5254	3.7766	5.1251	4.5470	4.2711	3.1238	8.9651	5.0391
Ta-176	4.3400	3.6602	4.9581	4.4994	4.1151	3.0461	9.3873	5.1381
Ta-177	1.5537	1.2249	1.8525	1.5911	1.4167	0.9664	2.7462	1.5837
Ta-178	1.6139	1.2636	1.9249	1.6685	1.4639	1.0001	2.8850	1.6505
Ta-178m	8.8898	7.3918	9.4284	8.5891	8.3870	6.7293	16.8031	9.2332
Ta-179	0.7831	0.6026	0.9719	0.8328	0.6775	0.4561	1.3206	0.8499
Ta-180	1.3152	1.0242	1.5752	1.3567	1.1882	0.8080	2.3085	1.3264
Ta-182	3.8121	3.2284	4.2936	3.9775	3.6116	2.7581	8.0078	4.5615
Ta-182m	4.0945	3.4373	4.6364	4.0790	3.7228	2.7521	7.3330	4.5494
Ta-183	3.8130	3.1144	4.2725	3.8213	3.4492	2.6592	6.5096	4.1204
Ta-184	6.0953	5.2468	6.6942	6.0448	5.7836	4.5921	12.3669	7.6702
Ta-185	2.1279	1.7816	2.4168	2.1347	1.9236	1.4321	3.8386	2.3490
Ta-186	5.8140	5.0964	6.3606	5.7029	5.5859	4.3500	12.1607	7.1509
Tb-146	3.3234	2.9092	3.6521	3.3409	3.2703	2.5258	8.0904	3.9894
Tb-147m	2.2875	1.8920	2.4930	2.3963	2.2131	1.6516	5.2733	2.5973
Tb-147	4.1292	3.5103	4.6220	4.2720	3.9988	3.0181	9.4920	5.3196
Tb-148m	7.2053	6.1770	8.3288	7.2732	7.0161	5.2810	17.8969	9.9274
Tb-148	3.1274	2.6621	3.5898	3.1965	3.0435	2.2854	7.5465	4.1548
Tb-149m	3.1904	2.6328	3.7023	3.2418	3.0754	2.2465	7.6919	4.1487
Tb-149	3.7813	3.1598	4.1581	3.7598	3.6423	2.7905	8.4017	4.4089

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	7.2854	6.1969	8.3064	7.3696	7.0601	5.3671	16.8791	9.7423
Tb-150	3.6384	3.0530	4.1399	3.7292	3.5211	2.6468	8.6304	4.5557
Tb-151	5.0447	4.1102	5.3792	4.9725	4.8041	3.7064	9.9197	5.6170
Tb-151m	0.9115	0.6855	1.0992	1.0074	0.7509	0.5232	1.5193	1.1497
Tb-152m	4.4949	3.6896	4.7987	4.4297	4.2748	3.3378	8.6302	4.8957
Tb-152	3.3821	2.7910	3.6736	3.3628	3.2366	2.6116	7.2029	3.7234
Tb-153	3.1427	2.4590	3.3217	3.0815	2.9377	2.1881	5.9810	3.0824
Tb-154	3.9273	3.2444	4.3157	3.9933	3.7620	2.8208	8.5753	4.6088
Tb-155	3.1712	2.3966	3.2184	3.0568	2.9525	2.2208	5.6746	2.9022
Tb-156	5.8697	4.8799	6.3611	5.9613	5.6206	4.2727	12.3875	6.8239
Tb-156m	0.9927	0.7634	1.0652	0.9889	0.9981	0.5602	2.0295	0.9408
Tb-156n	0.2293	0.1597	0.2896	0.2592	0.1637	0.1219	0.3080	0.3010
Tb-157	0.2542	0.1740	0.3153	0.2831	0.1910	0.1386	0.3698	0.3037
Tb-158	2.9191	2.3365	3.2694	2.9445	2.7518	2.0162	6.3728	3.3713
Tb-160	2.7587	2.3744	3.0753	2.7981	2.6641	2.1107	6.2998	3.4824
Tb-161	1.1000	0.8276	1.2402	1.3425	0.9814	0.6505	1.9143	1.1232
Tb-162	3.6234	3.1558	3.9301	3.5766	3.5195	2.7137	7.7584	4.6466
Tb-163	3.0471	2.6324	3.2497	2.9832	2.9484	2.3951	6.2171	3.8085
Tb-164	5.9720	5.2042	6.6789	6.0230	5.8075	4.4450	13.8246	7.7569
Tb-165	1.3308	1.1659	1.4846	1.4159	1.2898	0.9825	3.0802	1.7759
Tc-101	1.7522	1.5136	1.7935	1.6453	1.6750	1.6062	3.1406	1.7317
Tc-102m	3.8259	3.3888	4.2575	3.9073	3.7629	2.9123	8.8527	5.2166
Tc-102	0.1764	0.1557	0.1938	0.1798	0.1728	0.1332	0.3741	0.2487
Tc-104	3.7298	3.2798	4.0388	3.6836	3.6457	3.0122	8.4026	4.5588
Tc-105	2.9600	2.5789	3.0435	2.8826	2.8538	2.2962	5.7691	3.4904
Tc-91	1.3801	1.2201	1.5007	1.4042	1.3568	1.0642	3.3461	1.6850
Tc-91m	1.0019	0.8807	1.0657	1.0329	0.9745	0.7523	1.8322	1.4014
Tc-92	6.3479	5.5539	6.7210	6.1970	6.1718	4.9682	13.8014	7.6784
Tc-93	2.1227	1.7995	2.1443	2.3954	1.9822	1.5108	4.4992	2.7349
Tc-93m	1.5687	1.3478	1.6284	1.6225	1.4918	1.1614	3.4508	1.9872
Tc-94	5.4179	4.6947	6.2708	5.6860	5.2079	3.9419	13.4549	7.9486
Tc-94m	1.9745	1.7284	2.2665	2.0626	1.9072	1.4629	4.9057	2.8154
Tc-95	2.2059	1.8377	2.3886	2.4228	2.0320	1.5121	4.8169	3.1657
Tc-95m	2.9545	2.5418	3.0671	3.0833	2.7539	2.0933	6.0143	3.6546
Tc-96	5.3293	4.5916	6.1128	5.6202	5.1090	3.8569	13.0392	7.8171
Tc-96m	0.4087	0.3217	0.3720	0.5079	0.3391	0.2393	0.5554	0.5111
Tc-97	0.6258	0.4587	0.5062	0.7971	0.4836	0.3512	0.6596	0.7985
Tc-97m	0.4810	0.3702	0.4084	0.6157	0.3864	0.2668	0.5351	0.5723
Tc-98	3.1011	2.7107	3.7490	3.1887	3.0444	2.2899	8.3591	4.6446
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.6645	1.5029	1.6413	1.5207	1.5999	1.2050	2.7908	2.1253
Te-113	1.7031	1.5102	1.9618	1.8433	1.6768	1.3018	4.3245	2.3306
Te-114	3.0000	2.5149	3.4141	3.8037	2.8416	2.2034	6.1853	3.5474
Te-115	2.6592	2.3388	3.0340	3.0046	2.6004	2.0201	6.4222	3.5731
Te-115m	3.0027	2.6329	3.4817	3.3781	2.9351	2.2723	7.4204	4.0539
Te-116	1.8178	1.4063	2.0616	2.7275	1.6507	1.3441	2.9953	1.7746
Te-117	2.2650	1.9437	2.7028	2.7557	2.1801	1.6734	5.4210	2.9762
Te-118	0.6709	0.5160	0.8568	1.2805	0.5901	0.4563	1.0632	0.6945
Te-119	2.2391	1.8898	2.7499	2.9024	2.1292	1.6226	5.2997	3.0010
Te-119m	4.0757	3.5915	4.5223	4.7825	3.9518	3.0939	8.6629	5.1399
Te-121	2.1911	1.8473	2.5779	2.8600	2.0730	1.5913	4.3008	2.8847
Te-121m	2.0316	1.7606	2.2400	2.3555	1.9247	1.4932	3.9395	2.1420
Te-123	0.0403	0.0275	0.0574	0.0506	0.0225	0.0186	0.0393	0.0654
Te-123m	1.9927	1.7430	2.1686	2.2372	1.9213	1.4636	3.7653	2.2650
Te-125m	1.1985	0.8764	1.6189	2.0865	1.0592	0.8061	1.9668	1.3848
Te-127	0.0203	0.0176	0.0220	0.0205	0.0197	0.0153	0.0446	0.0262
Te-127m	0.3883	0.2853	0.5261	0.6717	0.3369	0.2564	0.6230	0.4589
Te-129	0.3714	0.2981	0.4519	0.5065	0.3324	0.2579	0.6392	0.4810
Te-129m	0.3426	0.2609	0.4539	0.5538	0.3056	0.2330	0.6185	0.4227
Te-131	2.0732	1.8500	2.2070	2.0599	2.0248	1.5484	4.1055	2.6490
Te-131m	3.4746	3.0111	3.9644	3.6659	3.3820	2.6468	8.1367	4.6258
Te-132	2.5126	2.1019	2.8199	2.9067	2.4006	1.8189	4.6044	2.8322
Te-133	2.6823	2.3418	2.9190	2.6563	2.6063	2.2527	5.9278	3.1921
Te-133m	3.9006	3.4217	4.4966	4.0544	3.8086	3.0073	9.3290	5.2450
Te-134	3.6006	3.0988	3.9195	3.7135	3.4914	2.6493	7.7215	4.4856
Th-223	1.6383	1.2290	1.4898	1.7241	1.4085	1.1557	2.4578	1.7425
Th-224	0.2589	0.2212	0.2553	0.2589	0.2397	0.1884	0.4789	0.2834
Th-226	0.2002	0.1490	0.1880	0.2307	0.1599	0.1359	0.2599	0.2407
Th-227	1.7787	1.3609	1.7202	2.0379	1.4761	1.2075	2.6046	2.0986
Th-228	0.1547	0.1058	0.1433	0.2044	0.1086	0.0883	0.1799	0.2045
Th-229	2.4730	1.8071	2.3179	2.8292	1.9961	1.6296	3.4967	2.8315
Th-230	1.4195	1.4406	1.4649	1.4549	1.4010	1.4262	1.4444	1.4435
Th-231	1.2613	0.8782	1.1965	1.7625	0.9114	0.7327	1.4955	1.5848
Th-232	1.5106	1.5719	1.5692	1.4746	1.4879	1.5834	1.7005	1.5355
Th-233	0.4130	0.3085	0.4401	0.4847	0.3299	0.2647	0.6122	0.5287
Th-234	0.3097	0.2277	0.3046	0.3545	0.2544	0.2063	0.4389	0.3294
Th-235	0.1688	0.1435	0.1851	0.1708	0.1613	0.1271	0.3759	0.2254
Th-236	0.3311	0.2603	0.3223	0.3510	0.2877	0.2454	0.5176	0.3798
Ti-44	3.0207	2.3716	2.8875	2.8349	2.8991	1.8263	5.8660	2.9890
Ti-45	0.0185	0.0136	0.0250	0.0219	0.0123	0.0099	0.0258	0.0290

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.6932	1.4534	1.7605	1.5817	1.6152	1.6084	3.1780	1.6009
Ti-52	2.0397	1.7695	1.9959	1.8922	1.8665	1.4315	2.8891	2.7954
Tl-190	2.4057	2.0367	2.6111	2.4289	2.2917	1.7023	5.3122	3.1499
Tl-190m	6.1679	5.2885	6.9120	6.2529	5.9308	4.5102	14.2842	8.2895
Tl-194	2.6297	2.1819	2.8378	2.6692	2.4652	1.8010	5.5181	3.3426
Tl-194m	8.1187	6.8582	9.0048	8.2480	7.7008	5.8190	17.9659	10.7005
Tl-195	3.6627	2.9705	3.9770	3.8650	3.3064	2.4521	7.1924	4.4818
Tl-196	4.2111	3.5423	4.5279	4.2565	3.9905	2.9663	9.1048	5.2102
Tl-197	2.8619	2.2951	3.0078	2.9304	2.6046	1.8592	5.4163	3.3277
Tl-198	4.6243	3.8905	4.9821	4.7158	4.3821	3.2515	10.1634	5.7498
Tl-198m	5.4314	4.5204	5.9102	5.5789	5.0487	3.8138	11.2282	6.9718
Tl-199	2.7769	2.2233	2.8745	2.8273	2.5113	1.7945	4.9887	3.1071
Tl-200	4.3651	3.6417	4.6877	4.4753	4.1043	3.1553	9.2551	5.3319
Tl-201	2.2122	1.7074	2.3029	2.3043	1.9311	1.3361	3.7831	2.4516
Tl-202	2.9425	2.3971	3.0824	2.9868	2.7170	1.9587	5.5851	3.5893
Tl-204	0.0349	0.0263	0.0367	0.0370	0.0299	0.0204	0.0584	0.0389
Tl-206m	8.1296	7.1233	8.7725	8.1156	7.8548	6.1235	17.2573	10.4731
Tl-206	0.0017	0.0013	0.0017	0.0018	0.0015	0.0010	0.0031	0.0019
Tl-207	0.0042	0.0037	0.0050	0.0043	0.0041	0.0032	0.0110	0.0062
Tl-208	3.5225	3.0899	3.9007	3.6055	3.4522	2.6861	8.1266	4.5848
Tl-209	4.9232	4.2347	5.0042	4.7016	4.7357	3.7077	9.4367	5.9157
Tl-210	5.1719	4.4648	5.6836	5.3260	4.9631	4.0602	11.6762	6.6160
Tm-161	5.7056	4.5867	6.1929	5.6635	5.4494	3.7309	11.2239	5.9977
Tm-162	3.0914	2.5722	3.4298	3.1510	2.9761	2.2067	6.7355	3.6000
Tm-163	4.8556	3.9627	5.3085	4.9155	4.6691	3.3134	9.8983	5.3848
Tm-164	1.3277	1.0536	1.4723	1.3526	1.2599	0.8524	2.6918	1.4363
Tm-165	3.8197	3.1293	4.1545	3.8154	3.6601	2.6057	7.3975	4.2326
Tm-166	4.6331	3.8818	5.1910	4.7521	4.4618	3.1729	10.4196	5.6516
Tm-167	2.3818	1.9185	2.6430	2.3912	2.2339	1.4922	4.5647	2.4440
Tm-168	5.3298	4.5005	5.9439	5.3126	5.1170	3.6747	11.7292	6.4014
Tm-170	0.1178	0.0887	0.1291	0.1203	0.1025	0.0691	0.1987	0.1313
Tm-171	0.0179	0.0138	0.0212	0.0186	0.0163	0.0104	0.0324	0.0186
Tm-172	0.9262	0.7781	1.0237	0.9556	0.8696	0.6339	2.0172	1.1403
Tm-173	1.6044	1.3849	1.7389	1.5705	1.5616	1.1690	3.7206	2.1155
Tm-174	6.7849	5.9407	7.3344	6.6259	6.5419	5.2605	14.1692	8.1444
Tm-175	2.7542	2.3980	3.0980	2.7984	2.6759	2.0530	5.8995	3.7484
Tm-176	4.7651	4.1461	5.2079	4.7817	4.5929	3.5689	10.4537	5.7594
U-227	1.6544	1.2920	1.5402	1.7455	1.4487	1.2215	2.4773	1.7888
U-228	0.1833	0.1291	0.1670	0.2300	0.1366	0.1139	0.2209	0.2275
U-230	0.1738	0.1178	0.1594	0.2372	0.1189	0.0966	0.1877	0.2346

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	2.7860	1.9973	2.5588	3.4077	2.2019	1.8879	3.5931	3.0919
U-232	0.1572	0.1047	0.1440	0.2200	0.1042	0.0860	0.1600	0.2157
U-233	0.0829	0.0551	0.0773	0.1163	0.0547	0.0455	0.0855	0.1130
U-234	1.4310	1.4393	1.4551	1.4566	1.4141	1.4233	1.4333	1.4354
U-235	1.9185	2.0032	2.0017	1.9502	1.8747	1.9614	1.9851	1.9823
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1286	0.0851	0.1173	0.1813	0.0845	0.0700	0.1293	0.1771
U-237	2.8238	2.1958	2.8226	3.0398	2.4518	2.0319	4.2827	2.8839
U-238	1.2346	1.2819	1.2539	1.2161	1.2121	1.2702	1.3160	1.2474
U-239	1.0363	0.7903	0.9533	1.0484	0.9522	0.6171	1.8842	1.0896
U-240	0.4594	0.3211	0.4386	0.6047	0.3284	0.2686	0.5160	0.5865
U-242	0.3593	0.2950	0.3875	0.3634	0.3406	0.2489	0.6806	0.3745
V-47	0.0138	0.0116	0.0159	0.0145	0.0120	0.0095	0.0263	0.0177
V-48	3.2598	2.9365	3.8085	3.5241	3.2102	2.5196	8.5150	4.7306
V-49	0.1115	0.0757	0.1594	0.1380	0.0611	0.0508	0.1068	0.1828
V-50	1.5950	1.3907	1.7581	1.5853	1.5402	1.1857	3.8166	1.9196
V-52	1.5201	1.3538	1.6463	1.6090	1.5121	1.1680	3.8226	1.9264
V-53	1.5737	1.4392	1.8907	1.6310	1.5576	1.2416	4.2044	2.3054
W-177	6.0225	4.9912	6.8371	6.0186	5.5759	4.1880	11.2825	6.9229
W-178	0.5735	0.4323	0.7320	0.6302	0.4596	0.3238	0.8816	0.6794
W-179	1.6899	1.2848	2.1562	1.8856	1.4563	1.0076	2.8288	1.8964
W-179m	1.1639	0.9287	1.4042	1.2053	1.0336	0.7300	2.0164	1.2200
W-181	1.1485	0.8950	1.4159	1.2045	1.0152	0.6884	1.9831	1.1944
W-185m	0.9614	0.7185	1.2332	1.0891	0.6894	0.5321	1.2684	1.3258
W-185	0.0011	0.0009	0.0013	0.0011	0.0010	0.0007	0.0018	0.0012
W-187	1.8097	1.5362	2.0643	1.8213	1.7242	1.2660	3.7734	2.3331
W-188	0.0167	0.0141	0.0183	0.0165	0.0154	0.0127	0.0289	0.0176
W-190	2.8366	2.3500	3.2967	2.8488	2.5995	1.8759	5.0946	2.9844
Xe-120	2.7471	2.1993	3.3056	3.6808	2.5618	1.9502	5.2530	3.2739
Xe-121	2.2348	1.8800	2.5406	2.5469	2.1396	1.6844	4.4977	2.7409
Xe-122	1.0348	0.7766	1.3637	1.5364	0.9430	0.7320	1.8240	1.2568
Xe-123	2.3414	1.9774	2.7003	2.7335	2.2312	1.7276	4.4905	2.8261
Xe-125	2.7663	2.2951	3.2383	3.3694	2.6202	1.9962	5.2083	3.1649
Xe-127	2.9525	2.5061	3.3755	3.3983	2.8074	2.1671	5.8522	3.2340
Xe-127m	2.4874	2.1196	2.7283	2.6016	2.3491	1.7868	4.1898	3.1659
Xe-129m	1.4797	1.0289	2.0804	2.2083	1.3289	0.9922	2.5903	1.8562
Xe-131m	0.6169	0.4312	0.8801	0.9361	0.5500	0.4103	1.0610	0.8065
Xe-133	1.1750	0.8456	1.3096	1.3548	1.0992	0.7424	2.1863	1.3813
Xe-133m	0.7571	0.5564	1.0206	1.0748	0.6887	0.5194	1.3166	0.9633
Xe-135	1.6016	1.4223	1.5940	1.5679	1.5667	1.2345	2.7010	1.9745

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.3261	1.1385	1.4909	1.4277	1.2818	0.9833	2.4247	1.8808
Xe-137	0.5213	0.4575	0.5576	0.5215	0.5096	0.3922	1.0593	0.7188
Xe-138	1.9948	1.7522	2.1248	1.9798	1.9279	1.5257	4.1558	2.4568
Y-81	2.2180	1.7996	2.0253	2.2560	1.9966	1.5181	3.5427	2.7583
Y-83	1.3282	1.0132	1.3612	1.6291	1.1519	0.9142	2.4523	1.7507
Y-83m	1.4998	1.2756	1.4489	1.5586	1.4004	1.1316	2.5133	1.8864
Y-84m	5.0426	4.4893	5.9625	5.2292	4.9580	3.8332	13.1935	7.3774
Y-85	1.2617	1.0598	1.2842	1.3951	1.1640	0.9141	2.1039	1.7732
Y-85m	1.4080	1.1872	1.4374	1.5597	1.2992	1.0279	2.8877	1.8051
Y-86	5.2999	4.6155	5.9425	5.7110	5.0862	3.9942	12.8937	7.3907
Y-86m	1.7871	1.6147	1.8256	1.6984	1.7235	1.3433	3.6777	1.8079
Y-87	1.9504	1.5575	1.8506	2.3033	1.7021	1.3558	2.9336	2.6785
Y-87m	1.3382	1.1342	1.3772	1.3463	1.2647	1.0409	2.8783	1.6778
Y-88	3.5231	2.9869	3.7443	3.8451	3.2768	2.6016	8.0674	4.5380
Y-89m	1.5389	1.3805	1.8561	1.5726	1.5173	1.1775	4.1112	2.2887
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001
Y-90m	3.2023	2.8590	3.3099	3.1200	3.0972	2.3993	6.2832	3.7065
Y-91	0.0040	0.0036	0.0045	0.0046	0.0040	0.0031	0.0105	0.0059
Y-91m	1.4532	1.2685	1.6194	1.4995	1.4100	1.0821	3.0076	2.1004
Y-92	0.4060	0.3634	0.4720	0.4177	0.4006	0.3112	1.0265	0.5818
Y-93	0.2111	0.1877	0.2211	0.2067	0.2065	0.1699	0.4316	0.2566
Y-94	1.2015	1.0780	1.4228	1.2320	1.1859	0.9247	3.1369	1.7413
Y-95	0.8904	0.8009	1.0001	0.9172	0.8828	0.7004	2.2663	1.1456
Yb-162	3.0876	2.5629	3.3330	3.0040	2.9357	2.0640	5.7258	3.4544
Yb-163	2.1711	1.7600	2.5069	2.2253	2.0289	1.3914	4.3667	2.5240
Yb-164	1.2598	0.9721	1.4398	1.2907	1.1913	0.7217	2.3967	1.2939
Yb-165	3.3795	2.6118	3.7512	3.4594	3.0906	1.9694	6.2675	3.7544
Yb-166	2.3951	1.8411	2.6610	2.4270	2.2645	1.3707	4.5249	2.4451
Yb-167	5.2616	4.1860	5.7291	5.1720	4.9003	3.4682	9.1979	5.5146
Yb-169	5.8419	4.7459	6.5152	5.7797	5.5364	3.7962	10.9386	5.8881
Yb-175	0.2538	0.2147	0.2712	0.2451	0.2428	0.1888	0.5006	0.2950
Yb-177	0.9010	0.7882	0.9805	0.8846	0.8713	0.6418	1.8062	1.1004
Yb-178	0.1806	0.1534	0.1951	0.1757	0.1717	0.1417	0.3864	0.2154
Yb-179	2.9633	2.5736	3.4058	2.9974	2.8787	2.2115	6.8355	4.0716
Zn-60	1.7968	1.5473	2.1187	1.8109	1.7407	1.3519	4.1884	2.2866
Zn-61	0.6756	0.5983	0.7355	0.6825	0.6629	0.5164	1.5135	0.8773
Zn-62	1.6969	1.3386	1.9953	1.8048	1.4642	1.1346	3.0291	2.2606
Zn-63	0.2870	0.2496	0.3503	0.3009	0.2706	0.2096	0.7191	0.4246
Zn-65	1.1574	0.9648	1.4547	1.3193	0.9811	0.7819	2.4368	1.7741
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.4391	1.2565	1.5395	1.4265	1.3972	1.0712	3.0074	1.9874
Zn-71	0.8041	0.7101	0.8783	0.8101	0.7847	0.6086	1.6014	1.1376
Zn-71m	4.5781	4.0168	5.0582	4.5733	4.4706	3.4793	10.1374	6.3432
Zn-72	2.3977	2.0280	2.5724	2.3654	2.1000	1.6238	3.8175	3.0914
Zr-85	1.3898	1.2097	1.4778	1.4132	1.3456	1.0418	2.9757	1.8978
Zr-86	3.0701	2.4264	2.8230	3.6472	2.6532	2.1283	4.5263	3.8530
Zr-87	0.2236	0.1715	0.2081	0.2851	0.1865	0.1506	0.3972	0.3114
Zr-88	2.1193	1.7023	2.0479	2.3505	1.8838	1.4987	4.1444	2.8149
Zr-89	2.0410	1.7071	2.2268	2.2878	1.8647	1.4713	4.6243	2.9614
Zr-89m	1.5019	1.3052	1.7159	1.5610	1.4545	1.1126	3.4889	2.1689
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5160	1.3240	1.8239	1.5538	1.4899	1.1160	4.0549	2.2793
Zr-97	1.8040	1.5779	2.1307	1.8528	1.7695	1.3403	4.6526	2.6616

Table 21: Concrete 1 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.2023	0.2371	0.3512	0.4417
Ac-224	2.8886	3.1058	3.6098	3.9013
Ac-225	0.2738	0.3231	0.4788	0.6056
Ac-226	1.2893	1.3823	1.6051	1.7151
Ac-227	0.0311	0.0448	0.0999	0.1466
Ac-228	1.9553	2.1400	2.4905	2.6230
Ac-230	0.8201	0.9089	1.0816	1.1374
Ac-231	2.9942	3.1859	3.5502	3.6716
Ac-232	1.3742	1.5219	1.7723	1.8181
Ac-233	1.3482	1.4440	1.5904	1.5912
Ag-100m	2.6526	2.8563	3.0502	2.9081
Ag-101	2.1654	2.2980	2.5023	2.4613
Ag-102m	1.6309	1.7675	1.9222	1.8403
Ag-102	3.9436	4.2385	4.5591	4.3739
Ag-103	2.3571	2.4814	2.7750	2.7899
Ag-104	4.7738	5.1137	5.5762	5.4414
Ag-104m	1.9197	2.0558	2.2525	2.1966
Ag-105	2.4139	2.5444	2.8940	2.9412
Ag-105m	0.0129	0.0180	0.0407	0.0593
Ag-106	0.4198	0.4446	0.5404	0.5644
Ag-106m	5.7985	6.1956	6.7564	6.5955
Ag-108	0.0473	0.0503	0.0577	0.0584
Ag-108m	4.3455	4.6228	5.0590	4.9964
Ag-109m	0.2652	0.2788	0.3752	0.4252
Ag-110	0.0676	0.0723	0.0772	0.0748
Ag-110m	4.6644	5.0109	5.3246	5.1037
Ag-111	0.1244	0.1309	0.1397	0.1374
Ag-111m	0.1387	0.1482	0.2113	0.2470
Ag-112	1.0593	1.1380	1.2116	1.1558
Ag-113m	0.8789	0.9296	1.0173	1.0189
Ag-113	0.2777	0.2929	0.3128	0.3070
Ag-114	0.4380	0.4691	0.4998	0.4784
Ag-115	0.9970	1.0594	1.1333	1.0961
Ag-116	2.5608	2.7604	2.9415	2.8072
Ag-117	1.9772	2.1082	2.2562	2.1750
Ag-99	2.7480	2.9311	3.1526	3.0564
Al-26	1.4341	1.5693	1.6858	1.5498
Al-28	1.3980	1.5292	1.6419	1.5083
Al-29	1.4619	1.5909	1.7168	1.5804

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.9609	3.1933	3.7425	4.0403
Am-238	2.8982	3.1504	3.6591	3.8862
Am-239	3.2809	3.5739	4.3577	4.8629
Am-240	3.0104	3.3018	3.9356	4.2558
Am-241	1.3202	1.3330	1.3441	1.5021
Am-242	0.3730	0.4230	0.6036	0.7318
Am-242m	0.1607	0.2003	0.3706	0.4988
Am-243	1.1923	1.2577	1.4187	1.5140
Am-244	2.4556	2.7014	3.3857	3.7329
Am-244m	0.1135	0.1331	0.2126	0.2677
Am-245	0.3652	0.3930	0.4684	0.5108
Am-246	3.4377	3.7556	4.7187	5.2132
Am-246m	1.7310	1.8870	2.1538	2.1958
Am-247	1.3832	1.4806	1.7235	1.8465
Ar-37	0.0097	0.0158	0.0434	0.0668
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4385	1.5638	1.6900	1.5525
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7399	1.8848	2.0070	1.9009
Ar-44	2.7627	2.9561	3.1662	3.0027
As-68	3.4144	3.6918	3.9340	3.7410
As-69	0.5199	0.5590	0.6410	0.6667
As-70	4.4586	4.8236	5.1841	4.9593
As-71	1.8478	2.0112	2.5105	2.7888
As-72	1.4351	1.5560	1.7112	1.7042
As-73	0.4827	0.7076	1.6954	2.5285
As-74	1.1388	1.2482	1.4872	1.5876
As-76	0.8729	0.9322	0.9925	0.9542
As-77	0.0465	0.0489	0.0527	0.0525
As-78	1.9896	2.1394	2.2805	2.1705
As-79	0.0882	0.0938	0.0996	0.0969
At-204	6.0318	6.4557	7.0595	7.0982
At-205	3.0596	3.3010	3.7292	3.8925
At-206	6.2601	6.7015	7.3163	7.3418
At-207	4.7801	5.1557	5.7501	5.8892
At-208	7.4889	8.0484	8.8732	8.9708
At-209	6.7416	7.2515	8.0746	8.2878
At-210	5.7351	6.2120	6.9746	7.0543
At-211	0.6876	0.7511	0.9155	1.0425
At-215	0.0007	0.0007	0.0008	0.0008

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0377	0.0406	0.0474	0.0520
At-217	0.0016	0.0017	0.0019	0.0020
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.2677	2.3978	2.6032	2.6113
Au-186	3.6084	3.8397	4.2569	4.3235
Au-187	2.7344	2.9667	3.4916	3.7316
Au-190	4.2067	4.5119	4.9941	5.0545
Au-191	3.4581	3.7063	4.2871	4.5792
Au-192	3.9031	4.1887	4.6633	4.7384
Au-193	2.2048	2.3647	2.8063	3.0876
Au-193m	1.5191	1.6572	2.0403	2.2820
Au-194	3.1263	3.3474	3.7723	3.8979
Au-195	1.7323	1.9021	2.4392	2.8470
Au-195m	1.5340	1.6739	2.0597	2.3035
Au-196	2.8842	3.0695	3.4588	3.6156
Au-196m	3.2898	3.5987	4.5454	5.1885
Au-198	1.3934	1.4765	1.5766	1.5479
Au-198m	5.7198	6.0947	6.9614	7.3635
Au-199	1.1542	1.2274	1.4158	1.5040
Au-200	0.5336	0.5709	0.6142	0.5901
Au-200m	7.0656	7.4958	8.1166	8.0705
Au-201	0.1419	0.1576	0.2017	0.2300
Au-202	0.3354	0.3590	0.3843	0.3701
Ba-124	1.7471	1.8170	2.0439	2.1154
Ba-126	2.2062	2.3066	2.5644	2.6175
Ba-127	0.9685	1.0024	1.1363	1.1896
Ba-128	0.8689	0.8879	1.0497	1.1460
Ba-129	1.0145	1.0466	1.2147	1.2961
Ba-129m	4.4585	4.7105	5.1896	5.2023
Ba-131	2.7935	2.9045	3.2214	3.3046
Ba-131m	1.3709	1.4293	1.6067	1.7063
Ba-133	3.0589	3.1704	3.5305	3.6662
Ba-133m	0.7822	0.8207	1.0271	1.1645
Ba-135m	0.7164	0.7353	0.8634	0.9368
Ba-137m	1.3557	1.4449	1.5429	1.5014
Ba-139	0.4614	0.4791	0.5185	0.5173
Ba-140	0.7588	0.8174	0.9913	1.0827
Ba-141	2.9324	3.0959	3.3161	3.2364
Ba-142	2.5027	2.6552	2.8528	2.7929

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1448	0.1536	0.1634	0.1585
Bi-197	3.4847	3.7780	4.2780	4.4312
Bi-200	7.0550	7.5475	8.2899	8.3962
Bi-201	3.5662	3.8641	4.3554	4.4819
Bi-202	6.5585	7.0402	7.7129	7.7610
Bi-203	4.4209	4.7846	5.3418	5.4267
Bi-204	6.5907	7.0948	7.8103	7.8864
Bi-205	3.3109	3.5956	4.0784	4.2134
Bi-206	7.6388	8.2092	9.0324	9.1072
Bi-207	3.8307	4.1339	4.6215	4.7353
Bi-208	2.0825	2.3149	2.6578	2.7952
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5024	1.5869	1.7309	1.7514
Bi-211	0.2326	0.2464	0.2689	0.2717
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2129	0.2429	0.3209	0.3707
Bi-213	0.4546	0.4835	0.5242	0.5241
Bi-214	1.9271	2.0805	2.2250	2.1114
Bi-215	1.0996	1.1706	1.2907	1.3188
Bi-216	2.1003	2.2335	2.3885	2.3351
Bk-245	2.9364	3.1525	3.7179	4.0339
Bk-246	2.8494	3.1086	3.7446	4.0562
Bk-247	1.6461	1.7390	1.9182	1.9921
Bk-248m	0.5716	0.6237	0.7897	0.8922
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.4862	1.6183	1.8242	1.8456
Bk-251	1.4111	1.5231	1.8858	2.1046
Br-72	2.7589	2.9831	3.2113	3.0987
Br-73	1.6210	1.7222	1.8730	1.8892
Br-74	3.1087	3.3817	3.6485	3.4938
Br-74m	3.8698	4.1857	4.5056	4.3291
Br-75	2.0289	2.1634	2.4089	2.4671
Br-76	2.7180	2.9743	3.3396	3.3420
Br-76m	0.9302	1.0943	1.5880	2.0108
Br-77	1.3292	1.5026	1.9757	2.2955
Br-77m	0.3747	0.4699	0.7390	0.9758
Br-78	0.2132	0.2348	0.2776	0.2958
Br-80	0.1314	0.1461	0.1779	0.1943
Br-80m	0.6388	0.7975	1.3159	1.7753

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1586	0.2468	0.5183	0.7653
Br-82	4.7400	5.0827	5.4054	5.1826
Br-83	0.0181	0.0193	0.0206	0.0201
Br-84m	4.3023	4.6233	4.9284	4.6954
Br-84	1.5786	1.7157	1.8258	1.7259
Br-85	0.1053	0.1133	0.1202	0.1154
C-10	1.4406	1.5421	1.6345	1.5771
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0172	0.0282	0.0775	0.1193
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2664	1.3730	1.4799	1.3698
Ca-49	1.3551	1.5034	1.6244	1.4779
Cd-101	2.9134	3.1155	3.3894	3.3072
Cd-102	2.2581	2.3895	2.6794	2.6983
Cd-103	2.1847	2.3511	2.6461	2.6068
Cd-104	1.7570	1.8377	2.1282	2.2275
Cd-105	1.4883	1.5967	1.8158	1.8069
Cd-107	0.7311	0.7655	1.0433	1.1811
Cd-109	0.6708	0.7026	0.9663	1.0986
Cd-111m	2.2223	2.3213	2.5524	2.5784
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0007	0.0009	0.0009
Cd-115	0.5629	0.5962	0.6400	0.6263
Cd-115m	0.0488	0.0527	0.0561	0.0534
Cd-117	1.9938	2.1291	2.2824	2.1924
Cd-117m	2.3160	2.5080	2.6759	2.5256
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4060	2.5777	2.7562	2.6380
Cd-119m	2.7306	2.9532	3.1527	2.9829
Ce-130	2.8016	2.9107	3.2256	3.3161
Ce-131	3.1811	3.3636	3.7146	3.7405
Ce-132	2.7160	2.8144	3.1151	3.1816
Ce-133	2.2246	2.2951	2.5620	2.7064
Ce-133m	4.4581	4.6950	5.1235	5.1121
Ce-134	0.6949	0.7066	0.8521	0.9505
Ce-135	3.2660	3.4239	3.7568	3.7992
Ce-137	0.7535	0.7840	1.0103	1.1750
Ce-137m	0.7143	0.7355	0.8598	0.9340
Ce-139	2.1162	2.1850	2.4495	2.5402

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	1.0016	1.0368	1.1215	1.1308
Ce-143	1.7235	1.7933	1.9728	2.0217
Ce-144	0.2996	0.3094	0.3376	0.3463
Ce-145	2.7367	2.8735	3.1478	3.1846
Cf-244	0.0593	0.0722	0.1300	0.1718
Cf-246	0.0410	0.0499	0.0894	0.1180
Cf-247	1.7329	1.9089	2.5295	2.9423
Cf-248	0.0495	0.0601	0.1073	0.1413
Cf-249	1.4798	1.5839	1.8049	1.8736
Cf-250	0.0529	0.0621	0.0992	0.1246
Cf-251	1.6670	1.7975	2.1791	2.3953
Cf-252	0.7501	0.8075	0.8936	0.8882
Cf-253	0.1376	0.1633	0.2906	0.3836
Cf-254	26.2197	28.0372	29.8786	28.7206
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6708	1.7933	1.9167	1.8219
Cl-36	0.0001	0.0002	0.0006	0.0009
Cl-38	1.0306	1.1304	1.2083	1.1191
Cl-39	2.1319	2.2902	2.4599	2.3198
Cl-40	2.7256	2.9866	3.1957	2.9685
Cm-238	1.3777	1.4888	1.7754	1.9552
Cm-239	3.2216	3.4293	3.9232	4.1361
Cm-240	0.0639	0.0802	0.1467	0.1974
Cm-241	3.1493	3.4297	4.1786	4.6036
Cm-242	0.0573	0.0719	0.1316	0.1772
Cm-243	1.5822	1.7320	2.1593	2.4358
Cm-244	0.0491	0.0617	0.1130	0.1521
Cm-245	1.7336	1.8869	2.2951	2.5614
Cm-246	0.0448	0.0552	0.0965	0.1274
Cm-247	1.1815	1.2511	1.3378	1.3180
Cm-248	2.0806	2.2316	2.4135	2.3526
Cm-249	0.0863	0.1084	0.1963	0.2658
Cm-250	20.6884	22.1248	23.5845	22.6751
Cm-251	0.4234	0.4539	0.5161	0.5348
Co-54m	4.2394	4.5665	4.8878	4.6153
Co-55	1.9021	2.0574	2.2336	2.1766
Co-56	3.6900	4.0343	4.4604	4.3492
Co-57	1.8161	1.9722	2.4563	2.7781
Co-58	1.5161	1.6603	1.9201	2.0033

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0692	0.1131	0.3107	0.4781
Co-60	2.9143	3.1650	3.4077	3.1551
Co-60m	0.1061	0.1553	0.3736	0.5567
Co-61	1.2465	1.2922	1.3574	1.3630
Co-62	1.6833	1.8309	1.9612	1.8316
Co-62m	2.9962	3.2554	3.4921	3.2529
Cr-48	3.2371	3.4127	3.7022	3.7581
Cr-49	1.5927	1.6577	1.7390	1.7367
Cr-51	0.1917	0.2244	0.3469	0.4387
Cr-55	0.0006	0.0007	0.0007	0.0007
Cr-56	1.7862	1.8609	2.0648	2.1864
Cs-121	1.1314	1.1850	1.2831	1.2773
Cs-121m	2.1186	2.2188	2.4098	2.3983
Cs-123	1.5608	1.6336	1.7835	1.8108
Cs-124	0.5829	0.6164	0.6652	0.6560
Cs-125	1.2542	1.3111	1.4577	1.4926
Cs-126	0.9560	1.0092	1.0922	1.0841
Cs-127	1.9913	2.0738	2.3064	2.3704
Cs-128	0.6537	0.6846	0.7597	0.7739
Cs-129	1.7694	1.8292	2.0835	2.1943
Cs-130m	1.4959	1.5402	1.7856	1.9386
Cs-130	0.4141	0.4231	0.5053	0.5543
Cs-131	0.5913	0.5975	0.7348	0.8298
Cs-132	2.0671	2.1743	2.4066	2.4416
Cs-134	3.1998	3.4212	3.6309	3.5037
Cs-134m	0.5135	0.5468	0.7171	0.8394
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.8651	3.0742	3.2602	3.1507
Cs-136	4.3570	4.6504	4.9568	4.7994
Cs-137	1.6095	1.7146	1.7684	1.9082
Cs-138m	1.2424	1.3052	1.4685	1.4974
Cs-138	2.8125	3.0387	3.2476	3.0681
Cs-139	0.2901	0.3155	0.3383	0.3152
Cs-140	1.9174	2.0739	2.2096	2.0941
Cu-57	0.1496	0.1621	0.1733	0.1639
Cu-59	0.7190	0.7731	0.8308	0.7942
Cu-60	2.8562	3.1117	3.3619	3.1384
Cu-61	0.5841	0.6400	0.7814	0.8534
Cu-62	0.0107	0.0127	0.0193	0.0238
Cu-64	0.0482	0.0750	0.1939	0.2935

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1416	0.1531	0.1626	0.1552
Cu-67	1.2567	1.3225	1.4518	1.4773
Cu-69	0.8466	0.9114	0.9679	0.9273
Dy-148	2.3459	2.4824	2.7256	2.7602
Dy-149	3.7080	3.9396	4.3137	4.3332
Dy-150	1.4864	1.5640	1.7203	1.7586
Dy-151	3.4460	3.6732	4.0823	4.1361
Dy-152	2.4038	2.5164	2.7741	2.8525
Dy-153	4.2889	4.5102	4.9969	5.1447
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	3.0509	3.2091	3.5310	3.5854
Dy-157	2.4490	2.5677	2.8319	2.9062
Dy-159	1.1325	1.1821	1.3708	1.4904
Dy-165m	0.2342	0.2660	0.3896	0.4852
Dy-165	0.2267	0.2383	0.2640	0.2750
Dy-166	0.9084	0.9619	1.1410	1.2597
Dy-167	2.2108	2.3342	2.5312	2.5317
Dy-168	2.0551	2.1683	2.3921	2.4280
Er-154	1.1873	1.2525	1.5417	1.7431
Er-156	1.4589	1.5733	2.0592	2.4158
Er-159	2.9001	3.0770	3.3978	3.4413
Er-161	3.0172	3.2110	3.5726	3.6517
Er-163	0.9731	1.0215	1.1900	1.2950
Er-165	0.9361	0.9837	1.1504	1.2555
Er-167m	0.9738	1.0301	1.1745	1.2245
Er-169	0.0020	0.0033	0.0090	0.0138
Er-171	2.6739	2.8155	3.0887	3.1532
Er-172	2.3053	2.4406	2.6931	2.7480
Er-173	4.1949	4.4249	4.8290	4.8644
Es-249	2.6128	2.7941	3.2514	3.4573
Es-250	6.6175	7.1817	8.9057	9.8508
Es-250m	2.2397	2.4115	2.8406	3.0317
Es-251	1.6678	1.8185	2.3375	2.6730
Es-253	0.0173	0.0208	0.0365	0.0480
Es-254	0.5632	0.6988	1.3026	1.7635
Es-254m	1.2505	1.3534	1.5928	1.6747
Es-255	0.0011	0.0011	0.0012	0.0012
Es-256	0.0882	0.1017	0.1728	0.2228
Eu-142	0.3516	0.3773	0.4074	0.3969
Eu-142m	4.8738	5.2379	5.6534	5.5382

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6226	0.6628	0.7294	0.7278
Eu-144	0.2771	0.2961	0.3263	0.3236
Eu-145	2.5485	2.7102	2.9606	2.9616
Eu-146	4.7331	5.0479	5.4408	5.3402
Eu-147	2.5378	2.6547	2.9258	3.0009
Eu-148	5.4777	5.8205	6.2698	6.1668
Eu-149	1.0001	1.0493	1.2603	1.4019
Eu-150	5.0801	5.3680	5.7943	5.7492
Eu-150m	0.2062	0.2161	0.2384	0.2444
Eu-152	3.2235	3.4107	3.7120	3.7066
Eu-152m	0.8630	0.9124	0.9961	1.0070
Eu-152n	1.4287	1.5209	1.7607	1.9233
Eu-154	2.8380	3.0219	3.2575	3.1937
Eu-154m	1.4590	1.5587	1.8971	2.1386
Eu-155	1.1357	1.1880	1.2857	1.3328
Eu-156	1.7008	1.8344	1.9854	1.9199
Eu-157	1.8942	1.9972	2.2555	2.3689
Eu-158	2.2322	2.4005	2.6079	2.5715
Eu-159	2.1872	2.2875	2.5293	2.6281
F-17	0.0005	0.0005	0.0006	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7567	1.8435	2.0436	2.0756
Fe-53	0.6220	0.6587	0.7046	0.6923
Fe-53m	4.1862	4.5211	4.8187	4.5692
Fe-55	0.0573	0.0936	0.2576	0.3965
Fe-59	1.5437	1.6711	1.7925	1.6774
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0715	2.2289	2.3797	2.2608
Fe-62	1.3857	1.4709	1.5658	1.5169
Fm-251	1.6898	1.8219	2.2507	2.5052
Fm-252	0.0451	0.0530	0.0918	0.1192
Fm-253	1.1885	1.3110	1.8040	2.1331
Fm-254	0.0561	0.0649	0.1048	0.1319
Fm-255	0.4734	0.5719	1.0267	1.3651
Fm-256	19.4934	20.8440	22.2218	21.3721
Fm-257	1.7434	1.8843	2.3558	2.6315
Fr-212	3.2207	3.4956	4.0331	4.2282
Fr-219	0.0170	0.0181	0.0198	0.0200
Fr-220	0.1850	0.2114	0.2901	0.3539
Fr-221	0.2586	0.2742	0.3056	0.3145

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.4777	1.5991	1.8982	2.0527
Fr-223	0.9492	1.0338	1.2805	1.4548
Fr-224	1.7204	1.8464	2.0784	2.1283
Fr-227	2.6693	2.8511	3.1770	3.3152
Ga-64	2.0930	2.2803	2.4385	2.3053
Ga-65	1.6481	1.7607	2.0247	2.1560
Ga-66	1.4168	1.5813	1.8366	1.8818
Ga-67	1.5880	1.7605	2.3175	2.7096
Ga-68	0.0673	0.0806	0.1245	0.1552
Ga-70	0.0154	0.0168	0.0194	0.0202
Ga-72	3.1992	3.4598	3.6721	3.5121
Ga-73	1.8625	2.0655	2.7045	3.1210
Ga-74	3.5102	3.7944	4.0365	3.8395
Gd-142	1.4707	1.5531	1.6981	1.6981
Gd-143m	3.9197	4.1470	4.5032	4.4862
Gd-144	0.9462	1.0011	1.1107	1.1388
Gd-145m	1.5044	1.6220	1.8315	1.8819
Gd-145	2.2704	2.4463	2.6686	2.5934
Gd-146	4.2826	4.4493	4.8994	5.0933
Gd-147	4.6780	4.9406	5.3548	5.3442
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3484	3.5012	3.8393	3.9190
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.2202	1.2847	1.5431	1.7102
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	2.1949	2.2855	2.5333	2.6767
Gd-159	0.4260	0.4461	0.4957	0.5145
Gd-162	1.4553	1.5470	1.6892	1.6915
Ge-66	2.2633	2.4617	3.0432	3.3864
Ge-67	1.8960	1.9963	2.1671	2.1468
Ge-68	0.1410	0.2304	0.6321	0.9725
Ge-69	1.1773	1.3302	1.7203	1.9255
Ge-71	0.1430	0.2337	0.6411	0.9864
Ge-75	0.2063	0.2164	0.2313	0.2285
Ge-77	3.5456	3.7501	4.0119	3.9175
Ge-78	1.5439	1.6205	1.7287	1.7060
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7354	1.8303	2.0415	2.1121
Hf-169	2.4795	2.6275	2.9347	3.0286
Hf-170	3.3260	3.5360	4.0780	4.3423

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	2.2916	2.4637	3.0866	3.5181
Hf-173	4.1935	4.4021	4.8725	5.0371
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.5878	2.7376	3.0856	3.2266
Hf-177m	15.1473	15.9881	17.6616	18.0244
Hf-178m	10.9006	11.5492	12.6927	12.8607
Hf-179m	6.0783	6.4378	7.2385	7.5084
Hf-180m	5.5698	5.8877	6.4829	6.5887
Hf-181	2.6860	2.8432	3.1488	3.2166
Hf-182	1.6104	1.6935	1.8435	1.8610
Hf-182m	4.6469	4.9343	5.5208	5.7051
Hf-183	2.4644	2.6116	2.8124	2.8078
Hf-184	2.3062	2.5282	3.2855	3.7951
Hg-190	3.0241	3.2378	3.8358	4.2046
Hg-191m	5.2493	5.6283	6.3916	6.6611
Hg-192	2.9537	3.1805	3.7974	4.1866
Hg-193	3.0476	3.2975	3.8735	4.1665
Hg-193m	3.0747	3.3067	3.7515	3.8973
Hg-194	0.0869	0.1397	0.3518	0.5350
Hg-195	1.7052	1.8744	2.3755	2.7364
Hg-195m	1.6898	1.9083	2.6147	3.1452
Hg-197	1.5287	1.6801	2.1562	2.5217
Hg-197m	1.4406	1.5879	2.0508	2.3876
Hg-199m	2.1353	2.2946	2.7298	2.9916
Hg-203	1.4722	1.5532	1.6926	1.7125
Hg-205	0.0499	0.0527	0.0584	0.0595
Hg-206	0.6859	0.7265	0.7993	0.8159
Hg-207	3.9755	4.2820	4.6269	4.4969
Ho-150	2.1593	2.3096	2.4667	2.4073
Ho-153	2.5661	2.7050	2.9473	2.9683
Ho-153m	2.9719	3.1304	3.4289	3.4875
Ho-154m	6.3469	6.7232	7.2212	7.1098
Ho-154	3.3168	3.5201	3.7895	3.7280
Ho-155	2.3810	2.5117	2.8331	2.9594
Ho-156	4.6220	4.8932	5.3158	5.2955
Ho-157	3.6249	3.8108	4.2580	4.4235
Ho-159	4.0893	4.2784	4.7466	4.9298
Ho-160	4.6284	4.9287	5.3966	5.4382
Ho-161	1.3695	1.4426	1.7462	1.9545
Ho-162	1.3032	1.3733	1.6048	1.7432

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.5959	2.7655	3.2151	3.4152
Ho-163	0.0023	0.0038	0.0103	0.0159
Ho-164	0.7166	0.7544	0.8890	0.9770
Ho-164m	1.1827	1.2837	1.6929	1.9975
Ho-166	0.2707	0.2929	0.3669	0.4181
Ho-166m	5.2900	5.6165	6.1108	6.0973
Ho-167	1.9469	2.0526	2.2341	2.2480
Ho-168	1.9871	2.1303	2.3323	2.3338
Ho-168m	0.1890	0.2179	0.3406	0.4384
Ho-170	4.6260	4.9317	5.3888	5.3998
I-118m	6.0180	6.4293	6.8631	6.6198
I-118	2.0529	2.1952	2.3462	2.2589
I-119	1.9554	2.0436	2.2338	2.2589
I-120	2.4599	2.6416	2.8475	2.7458
I-120m	5.1635	5.5202	5.9082	5.6977
I-121	2.2016	2.2889	2.5425	2.5934
I-122	0.4499	0.4736	0.5259	0.5334
I-123	2.1147	2.1812	2.4452	2.5341
I-124	1.8271	1.9347	2.1366	2.1393
I-125	1.0760	1.0885	1.3515	1.5378
I-126	1.3750	1.4476	1.5898	1.6040
I-128	0.2369	0.2493	0.2721	0.2727
I-129	0.6401	0.6461	0.7806	0.8720
I-130m	0.3879	0.4112	0.4866	0.5218
I-130	4.7599	5.0791	5.3953	5.2114
I-131	1.5629	1.6857	1.6552	1.9764
I-132	4.2740	4.5779	4.8618	4.6775
I-132m	1.1421	1.2150	1.3985	1.4615
I-133	1.4756	1.5706	1.6719	1.6155
I-134m	2.0359	2.1107	2.3512	2.4309
I-134	4.4242	4.7495	5.0439	4.8495
I-135	1.9415	2.1003	2.2508	2.1110
In-103	3.1999	3.4151	3.6660	3.5344
In-105	2.8086	2.9746	3.2140	3.1542
In-106	5.1737	5.5438	5.9116	5.7154
In-106m	2.3591	2.5425	2.7217	2.5992
In-107	2.5010	2.6547	2.9261	2.8891
In-108	6.7058	7.1785	7.7397	7.5144
In-108m	2.4102	2.5972	2.8303	2.7323
In-109	2.5462	2.6759	2.9887	3.0100

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.3717	1.4639	1.5600	1.5124
In-110	6.0797	6.5061	7.0322	6.8867
In-110m	1.7885	1.9107	2.0796	2.0431
In-111	3.5618	3.7143	4.1180	4.1720
In-111m	1.2765	1.3546	1.4550	1.4220
In-112	0.2447	0.2563	0.3185	0.3462
In-112m	0.5828	0.6007	0.7303	0.8007
In-113m	1.0715	1.1281	1.2371	1.2452
In-114	0.0052	0.0056	0.0066	0.0068
In-114m	0.5951	0.6210	0.7284	0.7721
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9045	0.9464	1.0610	1.0900
In-116m	3.1296	3.3837	3.6272	3.4030
In-117	2.9794	3.1287	3.3502	3.2898
In-117m	0.7013	0.7304	0.8115	0.8283
In-118m	3.9679	4.2834	4.5776	4.3240
In-118	0.0973	0.1054	0.1134	0.1054
In-119	1.5509	1.6627	1.8123	1.7954
In-119m	0.1604	0.1717	0.2044	0.2157
In-121	1.6096	1.7295	1.8328	1.7691
In-121m	0.5607	0.5760	0.6530	0.6937
Ir-180	3.8129	4.0674	4.5486	4.6845
Ir-182	3.6540	3.8970	4.3928	4.5575
Ir-183	3.6244	3.9046	4.5451	4.8369
Ir-184	5.4937	5.8817	6.6128	6.8136
Ir-185	3.1606	3.4487	4.2556	4.7418
Ir-186	5.3239	5.6856	6.3819	6.5737
Ir-186m	3.0809	3.3083	3.7311	3.8542
Ir-187	2.1661	2.3498	2.8767	3.2150
Ir-188	3.8199	4.1180	4.6522	4.7625
Ir-189	1.4176	1.5528	2.0093	2.3445
Ir-190	5.9465	6.3270	7.0130	7.1368
Ir-190m	0.0801	0.1307	0.3523	0.5409
Ir-190n	1.1896	1.2883	1.6133	1.8463
Ir-191m	1.3927	1.5359	2.0174	2.3742
Ir-192	3.4577	3.6523	3.9323	3.8971
Ir-192m	0.0942	0.1524	0.3930	0.5997
Ir-192n	0.2055	0.3269	0.8261	1.2550
Ir-193m	0.0857	0.1360	0.3547	0.5407
Ir-194	0.3180	0.3365	0.3612	0.3557

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	7.3041	7.7586	8.3386	8.2137
Ir-195	1.1446	1.2530	1.5892	1.8402
Ir-195m	2.1280	2.2804	2.6267	2.7899
Ir-196	0.6386	0.6788	0.7267	0.7122
Ir-196m	7.7330	8.2370	8.9258	8.8708
K-38	1.3749	1.5139	1.6124	1.5002
K-40	0.1531	0.1673	0.1835	0.1722
K-42	0.2630	0.2864	0.3079	0.2841
K-43	2.8343	3.0073	3.1942	3.1046
K-44	2.1678	2.3608	2.5217	2.3632
K-45	2.7260	2.9107	3.1143	2.9718
K-46	2.1425	2.3426	2.5220	2.3173
Kr-74	2.2253	2.3790	2.6947	2.8402
Kr-75	2.0747	2.1917	2.4207	2.4780
Kr-76	2.3185	2.5547	3.1040	3.4445
Kr-77	2.2392	2.3529	2.5778	2.6340
Kr-79	0.8339	0.9739	1.3372	1.6115
Kr-81	0.1877	0.2943	0.6223	0.9212
Kr-81m	1.2439	1.3294	1.5046	1.5590
Kr-83m	0.0806	0.1268	0.2787	0.4151
Kr-85	0.0060	0.0064	0.0068	0.0066
Kr-85m	1.5428	1.6152	1.7487	1.7547
Kr-87	1.1529	1.2360	1.3116	1.2667
Kr-88	2.0341	2.2085	2.3849	2.3092
Kr-89	2.5053	2.6943	2.8791	2.7461
La-128	4.6183	4.9102	5.2560	5.1090
La-129	1.8845	1.9671	2.1511	2.1815
La-130	3.3022	3.5103	3.7681	3.6769
La-131	2.3957	2.4954	2.7476	2.8115
La-132	2.9055	3.0879	3.3477	3.2871
La-132m	2.6198	2.7475	3.0162	3.0565
La-133	0.8427	0.8780	1.0994	1.2478
La-134	0.3540	0.3645	0.4258	0.4567
La-135	0.6961	0.7053	0.8528	0.9504
La-136	0.4803	0.4886	0.5861	0.6478
La-137	0.6462	0.6539	0.7967	0.8937
La-138	1.7750	1.9001	2.0943	2.0444
La-140	3.0670	3.3008	3.5265	3.3486
La-141	0.0275	0.0299	0.0322	0.0297
La-142	2.1777	2.3654	2.5166	2.3832

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3134	0.3388	0.3613	0.3418
Lu-165	3.6797	3.8939	4.3447	4.4746
Lu-167	3.9544	4.2229	4.7731	4.8984
Lu-169m	0.0578	0.0945	0.2596	0.3995
Lu-169	3.7379	3.9901	4.4839	4.5984
Lu-170	3.6419	3.9340	4.4050	4.4290
Lu-171m	0.0675	0.1063	0.2801	0.4270
Lu-171	3.1287	3.3702	4.0484	4.4251
Lu-172	5.0999	5.4639	6.1134	6.2446
Lu-172m	0.0520	0.0850	0.2335	0.3593
Lu-173	2.7828	2.9371	3.3763	3.6225
Lu-174	1.2960	1.3868	1.6828	1.8735
Lu-174m	1.3274	1.4608	1.9685	2.3496
Lu-176	3.5422	3.7476	4.1900	4.3065
Lu-176m	0.3035	0.3351	0.4446	0.5282
Lu-177	0.3901	0.4124	0.4639	0.4827
Lu-177m	7.8589	8.2837	9.1681	9.3929
Lu-178	0.3374	0.3679	0.4417	0.4764
Lu-178m	6.5661	6.9320	7.5792	7.6947
Lu-179	0.2325	0.2437	0.2632	0.2608
Lu-180	3.2509	3.4870	3.8362	3.7968
Lu-181	2.4215	2.6027	3.0250	3.2122
Mg-27	1.4823	1.5949	1.6892	1.6264
Mg-28	2.4883	2.6346	2.8554	2.7764
Mn-50m	4.8684	5.2596	5.6172	5.3060
Mn-51	0.0089	0.0104	0.0148	0.0177
Mn-52	4.3893	4.7566	5.1607	4.9788
Mn-52m	1.4337	1.5604	1.6832	1.5528
Mn-53	0.0466	0.0762	0.2098	0.3229
Mn-54	1.5021	1.6399	1.8659	1.9205
Mn-56	2.0512	2.2179	2.3565	2.2419
Mn-57	0.5319	0.6060	0.8463	1.0216
Mn-58m	3.2495	3.5054	3.7416	3.5420
Mo-101	2.5298	2.7193	2.9616	2.8848
Mo-102	0.1676	0.1749	0.1880	0.1857
Mo-89	0.3140	0.3399	0.3692	0.3570
Mo-90	3.4339	3.6423	4.1506	4.3194
Mo-91m	1.3689	1.4769	1.5943	1.5225
Mo-91	0.0332	0.0376	0.0537	0.0631
Mo-93	0.3110	0.3591	0.5913	0.7538

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.8705	4.1556	4.5105	4.3590
Mo-99	0.4730	0.5008	0.5431	0.5367
N-13	0.0000	0.0000	0.0000	0.0000
N-16	0.9481	1.0682	1.1323	1.0263
Na-22	1.4521	1.5782	1.7062	1.5671
Na-24	2.7829	3.0548	3.2713	3.0393
Nb-87	2.3640	2.4988	2.8218	2.9028
Nb-88m	5.2453	5.6363	6.0130	5.7704
Nb-88	6.3850	6.8589	7.4312	7.2851
Nb-89	0.5301	0.5865	0.6816	0.6917
Nb-89m	1.3087	1.3989	1.5335	1.5258
Nb-90	4.4249	4.7915	5.2677	5.1966
Nb-91	0.2954	0.3539	0.5968	0.7862
Nb-91m	0.3019	0.3463	0.5476	0.6850
Nb-92	3.1802	3.4430	3.8660	3.9330
Nb-92m	1.8084	1.9851	2.3247	2.4497
Nb-93m	0.0587	0.0694	0.1200	0.1569
Nb-94m	0.2196	0.2535	0.4146	0.5273
Nb-94	2.8754	3.0847	3.2685	3.1523
Nb-95	1.4402	1.5437	1.6356	1.5789
Nb-95m	0.6406	0.6932	0.8797	0.9810
Nb-96	4.5877	4.9160	5.2272	5.0229
Nb-97	1.4399	1.5387	1.6324	1.5750
Nb-98m	4.5072	4.8435	5.1544	4.9341
Nb-99	2.4825	2.6026	2.8677	2.9373
Nb-99m	0.9727	1.0473	1.1298	1.0992
Nd-134	2.7332	2.8400	3.1090	3.1615
Nd-135	3.0894	3.2356	3.5673	3.6251
Nd-136	2.2368	2.3215	2.6088	2.7527
Nd-137	2.6980	2.8315	3.1108	3.1542
Nd-138	0.8254	0.8456	0.9865	1.0762
Nd-139	0.9003	0.9353	1.0604	1.1148
Nd-139m	4.2669	4.5078	4.8919	4.8994
Nd-140	0.7262	0.7422	0.8755	0.9656
Nd-141	0.7537	0.7717	0.9053	0.9917
Nd-141m	1.3818	1.4778	1.5731	1.5286
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2003	1.2502	1.3617	1.4043
Nd-149	2.3464	2.4561	2.6472	2.6488
Nd-151	2.7850	2.9376	3.1370	3.0868

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	0.9748	1.0313	1.1542	1.1903
Ne-19	0.0003	0.0003	0.0003	0.0003
Ne-24	1.5045	1.5970	1.6981	1.6477
Ni-56	5.0207	5.3576	5.9293	5.9817
Ni-57	1.7687	1.9365	2.2062	2.1790
Ni-59	0.0808	0.1322	0.3637	0.5598
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6560	0.7105	0.7618	0.7121
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.3897	4.7563	5.4735	5.7909
Np-233	1.4645	1.5948	1.8977	2.1074
Np-234	2.4498	2.6944	3.1935	3.4112
Np-235	0.2014	0.2684	0.5210	0.7288
Np-236	2.5921	2.8937	3.8145	4.4697
Np-236m	0.7787	0.8546	1.0459	1.1816
Np-237	0.7394	0.8513	1.2418	1.5510
Np-238	1.0803	1.1992	1.4532	1.5631
Np-239	2.2118	2.3998	2.8931	3.1979
Np-240	3.3367	3.6462	4.3668	4.7024
Np-240m	0.8653	0.9548	1.1782	1.2855
Np-241	0.5537	0.6011	0.7239	0.8018
Np-242	0.3698	0.4044	0.4586	0.4603
Np-242m	2.7204	2.9928	3.6769	4.0255
O-14	1.3550	1.4957	1.5821	1.4928
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.5099	2.6561	2.8493	2.7298
Os-180	1.5582	1.7056	2.2250	2.5849
Os-181	4.5741	4.8989	5.5728	5.8178
Os-182	2.9002	3.1085	3.6648	3.9538
Os-183	4.2420	4.5180	5.1764	5.4943
Os-183m	2.4742	2.6730	3.0663	3.1958
Os-185	2.4495	2.6294	3.0005	3.1461
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0765	0.1248	0.3385	0.5201
Os-190m	5.7692	6.1605	6.8690	6.9847
Os-191	1.5272	1.6740	2.1578	2.5101
Os-191m	0.1994	0.2545	0.4844	0.6755
Os-193	0.5206	0.5630	0.6808	0.7535
Os-194	0.1283	0.1724	0.3573	0.5138
Os-196	0.5804	0.6160	0.6957	0.7290

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0010	0.0011	0.0012	0.0012
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4646	0.5258	0.7089	0.8535
Pa-228	4.3428	4.7602	5.6348	6.0948
Pa-229	1.2081	1.3325	1.6452	1.8819
Pa-230	2.4516	2.6925	3.2051	3.5031
Pa-231	0.5520	0.6744	1.1125	1.4714
Pa-232	2.3006	2.5150	2.9390	3.1058
Pa-233	1.7830	1.9508	2.3797	2.6483
Pa-234	4.4762	4.8737	5.6916	6.0471
Pa-234m	0.0367	0.0402	0.0465	0.0491
Pa-235	0.0274	0.0448	0.1227	0.1888
Pa-236	1.6336	1.7928	2.0890	2.1765
Pa-237	1.2460	1.3449	1.4819	1.4844
Pb-194	3.7627	4.0414	4.5879	4.7938
Pb-195m	5.2025	5.6190	6.4093	6.7266
Pb-196	3.3246	3.5573	4.0744	4.3398
Pb-197	3.6170	3.8942	4.3589	4.4691
Pb-197m	4.5556	4.9058	5.5969	5.8885
Pb-198	3.2043	3.4293	3.9388	4.2063
Pb-199	3.0118	3.2400	3.6641	3.8109
Pb-200	2.7499	2.9579	3.5033	3.8547
Pb-201	3.4400	3.6816	4.1557	4.3482
Pb-201m	1.2753	1.3741	1.5520	1.6191
Pb-202	0.0813	0.1317	0.3398	0.5188
Pb-202m	4.4914	4.8239	5.2300	5.1908
Pb-203	2.7267	2.9136	3.3441	3.5782
Pb-204m	4.2583	4.5625	4.8688	4.7531
Pb-205	0.0823	0.1334	0.3440	0.5250
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1495	0.2068	0.4073	0.5826
Pb-211	0.1695	0.1812	0.1957	0.1942
Pb-212	1.3557	1.4431	1.6267	1.7136
Pb-214	1.4504	1.5488	1.7400	1.8138
Pd-100	2.5214	2.6296	3.0789	3.2166
Pd-101	1.5369	1.6334	2.0752	2.1963
Pd-103	0.4090	0.4367	0.6507	0.7308
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1332	1.1845	1.3293	1.3368

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.2682	0.2821	0.3790	0.4292
Pd-111	0.1034	0.1100	0.1182	0.1147
Pd-112	0.1478	0.1659	0.2683	0.3257
Pd-114	0.2138	0.2230	0.2388	0.2367
Pd-96	3.2338	3.4268	3.7777	3.7473
Pd-97	2.9059	3.1087	3.3854	3.2878
Pd-98	2.4383	2.5689	2.9287	2.9968
Pd-99	2.6482	2.7928	3.0863	3.0703
Pm-136	4.4181	4.7017	5.0033	4.8687
Pm-137m	4.8339	5.0765	5.4784	5.4649
Pm-139	0.7911	0.8316	0.9131	0.9258
Pm-140m	4.7354	5.0600	5.4022	5.2565
Pm-140	0.3194	0.3385	0.3699	0.3681
Pm-141	0.6423	0.6726	0.7593	0.7866
Pm-142	0.2404	0.2503	0.2862	0.3022
Pm-143	1.3100	1.3690	1.5372	1.6048
Pm-144	4.2640	4.5176	4.8809	4.8377
Pm-145	0.7839	0.8065	0.9487	1.0454
Pm-146	2.2654	2.3930	2.5972	2.5953
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8386	0.9025	0.9635	0.9138
Pm-148m	4.7692	5.0810	5.4052	5.2456
Pm-149	0.0574	0.0606	0.0661	0.0665
Pm-150	2.6665	2.8517	3.0458	2.9201
Pm-151	1.8268	1.9161	2.0731	2.0829
Pm-152m	4.3660	4.6181	4.9620	4.8822
Pm-152	0.7832	0.8289	0.8921	0.8860
Pm-153	1.0516	1.0945	1.2159	1.2672
Pm-154	2.3588	2.5407	2.7527	2.6797
Pm-154m	4.0647	4.3179	4.6701	4.5809
Po-203	3.9770	4.3012	4.8459	5.0171
Po-204	5.1681	5.6179	6.6131	7.1934
Po-205	3.8336	4.1436	4.6451	4.7990
Po-206	4.2619	4.6402	5.4138	5.8166
Po-207	3.4787	3.7550	4.2004	4.3480
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0295	0.0337	0.0480	0.0587
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0164	0.0175	0.0186	0.0181
Po-212m	0.0637	0.0694	0.0735	0.0706

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002
Po-215	0.0006	0.0006	0.0007	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.0601	6.4362	6.8756	6.7057
Pr-134m	2.7118	2.8927	3.0962	3.0033
Pr-135	1.9258	2.0038	2.2134	2.2710
Pr-136	2.9989	3.1937	3.4383	3.3553
Pr-137	0.7054	0.7264	0.8411	0.9031
Pr-138	0.2416	0.2494	0.2879	0.3079
Pr-138m	5.1171	5.4379	5.8590	5.7733
Pr-139	0.6805	0.6940	0.8214	0.9043
Pr-140	0.3624	0.3695	0.4373	0.4817
Pr-142	0.0523	0.0570	0.0612	0.0565
Pr-142m	0.0037	0.0060	0.0165	0.0254
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0331	0.0358	0.0381	0.0362
Pr-144m	0.3021	0.3175	0.4103	0.4796
Pr-145	0.0439	0.0466	0.0503	0.0497
Pr-146	1.5419	1.6547	1.7649	1.6838
Pr-147	2.3681	2.4727	2.7286	2.8024
Pr-148	2.0095	2.1410	2.2861	2.2076
Pr-148m	2.9620	3.1335	3.3394	3.2617
Pt-184	5.8749	6.3046	7.4500	8.1010
Pt-186	3.0782	3.3072	3.8247	4.0750
Pt-187	3.6484	3.9217	4.6153	5.0093
Pt-188	2.4619	2.6502	3.1968	3.5348
Pt-189	3.2931	3.5519	4.2399	4.6585
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.9094	3.1314	3.7508	4.1465
Pt-193	0.0850	0.1381	0.3617	0.5533
Pt-193m	0.3075	0.3779	0.6544	0.8839
Pt-195m	1.5962	1.7948	2.4768	3.0146
Pt-197	0.4476	0.5062	0.7022	0.8565
Pt-197m	1.0557	1.1941	1.6598	2.0210
Pt-199	0.7268	0.7755	0.8597	0.8733
Pt-200	0.8865	0.9722	1.2379	1.4316
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	1.0859	1.1809	1.4076	1.5617
Pu-234	1.1994	1.3101	1.5869	1.7790
Pu-235	1.5495	1.7009	2.0988	2.3791
Pu-236	0.0648	0.0843	0.1583	0.2177
Pu-237	0.9829	1.0954	1.4245	1.6668
Pu-238	0.0595	0.0776	0.1460	0.2010
Pu-239	0.0311	0.0421	0.0863	0.1225
Pu-240	0.0561	0.0730	0.1373	0.1890
Pu-241	0.0000	0.0000	0.0000	0.0001
Pu-242	0.0481	0.0627	0.1178	0.1621
Pu-243	0.4635	0.4970	0.5907	0.6515
Pu-244	0.0703	0.0845	0.1323	0.1677
Pu-245	1.5896	1.6971	1.8810	1.9219
Pu-246	1.9009	2.0327	2.3987	2.6003
Ra-219	1.0522	1.1191	1.2406	1.2806
Ra-220	0.0144	0.0152	0.0163	0.0159
Ra-221	0.5670	0.6349	0.8321	0.9792
Ra-222	0.0455	0.0480	0.0518	0.0516
Ra-223	1.5191	1.6374	1.9176	2.0949
Ra-224	0.0738	0.0780	0.0855	0.0868
Ra-225	0.3670	0.3975	0.5152	0.6080
Ra-226	1.5141	1.6371	1.7416	1.8884
Ra-227	1.0658	1.1992	1.6139	1.9169
Ra-228	1.5196	1.6385	1.7359	1.7977
Ra-230	0.7413	0.8012	0.9452	1.0336
Rb-77	2.1676	2.2949	2.4696	2.4707
Rb-78m	3.6018	3.8686	4.1295	3.9574
Rb-78	2.6767	2.9111	3.1354	2.9988
Rb-79	2.4962	2.6770	2.9901	3.0734
Rb-80	0.4178	0.4475	0.4795	0.4671
Rb-81	0.7546	0.8723	1.1226	1.3003
Rb-81m	0.2716	0.3550	0.5550	0.7407
Rb-82	0.2434	0.2655	0.2939	0.2965
Rb-82m	4.9375	5.3707	5.9208	5.9088
Rb-83	1.4746	1.6665	2.0521	2.2884
Rb-84	1.1683	1.3226	1.5862	1.7306
Rb-84m	2.0083	2.1406	2.3607	2.4015
Rb-86m	1.3841	1.4742	1.5712	1.5241
Rb-86	0.1289	0.1395	0.1486	0.1409
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.5737	0.6248	0.6669	0.6240
Rb-89	2.4633	2.6738	2.8516	2.6905
Rb-90	1.3103	1.4327	1.5219	1.4313
Rb-90m	3.0037	3.2631	3.4815	3.2959
Re-178	3.2445	3.4894	3.9968	4.1768
Re-179	4.0380	4.3093	4.8738	5.0575
Re-180	3.3279	3.5907	4.1310	4.3694
Re-181	3.8650	4.1364	4.7682	5.0580
Re-182	7.8365	8.3598	9.5244	9.9432
Re-182m	3.9196	4.2055	4.8254	5.0622
Re-183	2.6309	2.8384	3.5193	3.9783
Re-184	3.0007	3.2264	3.6978	3.9043
Re-184m	2.5755	2.7848	3.3725	3.7308
Re-186	0.3240	0.3458	0.4104	0.4490
Re-186m	0.5278	0.6688	1.2643	1.7586
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.4138	0.4383	0.4961	0.5162
Re-188m	1.4886	1.6382	2.1532	2.5397
Re-189	0.4504	0.4815	0.5630	0.6009
Re-190	4.4451	4.7124	5.0761	4.9988
Re-190m	3.6413	3.8801	4.3238	4.4201
Rh-100m	0.7547	0.7979	1.0878	1.1962
Rh-100	3.7296	4.0242	4.4756	4.3847
Rh-101	3.0930	3.2416	3.6703	3.7325
Rh-101m	1.7298	1.8317	2.1482	2.2213
Rh-102	1.1151	1.1911	1.3911	1.4219
Rh-102m	4.8991	5.2418	5.7670	5.6833
Rh-103m	0.0495	0.0560	0.0944	0.1163
Rh-104	0.0317	0.0338	0.0369	0.0361
Rh-104m	1.0737	1.1191	1.3525	1.4256
Rh-105	0.3787	0.3982	0.4253	0.4183
Rh-106	0.4830	0.5145	0.5473	0.5286
Rh-106m	5.3743	5.7514	6.1237	5.8778
Rh-107	1.4613	1.5375	1.6409	1.6134
Rh-108	0.9064	0.9622	1.0228	0.9937
Rh-109	1.6042	1.6849	1.8163	1.7982
Rh-94	3.4445	3.7200	3.9823	3.7542
Rh-95	2.3238	2.5145	2.7351	2.6300
Rh-95m	1.3956	1.4910	1.6072	1.5595
Rh-96	5.5749	5.9860	6.4193	6.1946

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.3256	1.4313	1.6085	1.5843
Rh-97	1.9156	2.0466	2.2593	2.2327
Rh-97m	3.1017	3.3279	3.7152	3.6543
Rh-98	1.6524	1.7710	1.9012	1.8372
Rh-99	2.4917	2.6453	3.0763	3.1733
Rh-99m	2.0264	2.1573	2.4867	2.5287
Rn-207	3.0838	3.3041	3.6660	3.7709
Rn-209	3.4077	3.6615	4.0731	4.1898
Rn-210	0.2365	0.2559	0.2941	0.3121
Rn-211	4.2802	4.6221	5.1396	5.2134
Rn-212	0.0007	0.0008	0.0008	0.0008
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0018	0.0019	0.0020	0.0020
Rn-219	0.2978	0.3149	0.3416	0.3435
Rn-220	1.5586	1.6668	1.7029	1.9120
Rn-222	0.0011	0.0011	0.0012	0.0012
Rn-223	1.4067	1.5549	1.9193	2.1454
Ru-103	1.3781	1.4625	1.5591	1.5122
Ru-105	1.9910	2.1166	2.2811	2.2334
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8378	0.8907	0.9522	0.9216
Ru-108	0.7216	0.7524	0.8245	0.8262
Ru-92	6.3661	6.7205	7.5394	7.6306
Ru-94	1.8547	1.9843	2.3150	2.3955
Ru-95	2.6720	2.8610	3.2262	3.2385
Ru-97	2.0134	2.1304	2.4877	2.5759
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.2673	1.4059	1.5229	1.3816
S-38	1.2113	1.3287	1.4260	1.3069
Sb-111	2.4070	2.5278	2.7220	2.6923
Sb-113	1.7288	1.8267	1.9822	1.9662
Sb-114	2.3463	2.5355	2.7445	2.5860
Sb-115	1.7425	1.8355	2.0214	2.0354
Sb-116	2.0893	2.2550	2.4668	2.3599
Sb-116m	5.9821	6.3720	6.9089	6.7703
Sb-117	2.0376	2.1054	2.3602	2.4457
Sb-118	0.1879	0.1950	0.2348	0.2557
Sb-118m	5.6479	5.9883	6.5632	6.4980

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.5786	0.5946	0.7821	0.9187
Sb-120	0.3096	0.3165	0.3960	0.4511
Sb-120m	6.3794	6.7566	7.2930	7.1857
Sb-122m	1.5669	1.6132	1.8210	1.9410
Sb-122	1.0886	1.1587	1.2344	1.1956
Sb-124	2.6840	2.8863	3.0762	2.9237
Sb-124m	1.0742	1.1499	1.2497	1.2340
Sb-124n	0.0128	0.0209	0.0576	0.0886
Sb-125	1.6505	1.7301	1.9070	1.9320
Sb-126	6.1917	6.6074	7.0118	6.7832
Sb-126m	3.7032	3.9476	4.1944	4.0669
Sb-127	1.7438	1.8540	1.9741	1.9207
Sb-128	6.8907	7.3503	7.8084	7.5555
Sb-128m	4.4819	4.7739	5.0732	4.9259
Sb-129	2.3949	2.5720	2.7335	2.6217
Sb-130m	5.1898	5.5519	5.9046	5.7014
Sb-130	7.4581	7.9392	8.4555	8.1999
Sb-131	3.0006	3.2311	3.4380	3.2843
Sb-133	3.1433	3.4038	3.6322	3.4301
Sc-42m	4.2804	4.6156	4.9497	4.6478
Sc-43	0.3279	0.3478	0.3771	0.3758
Sc-44	1.4899	1.6161	1.7362	1.6271
Sc-44m	1.3938	1.4659	1.5717	1.5567
Sc-46	2.9552	3.1909	3.3944	3.2321
Sc-47	1.1848	1.2311	1.3167	1.2992
Sc-48	4.5814	4.9548	5.2855	5.0000
Sc-49	0.0008	0.0009	0.0010	0.0009
Sc-50	4.1656	4.4964	4.8088	4.5305
Se-70	1.8228	2.0622	2.8564	3.4332
Se-71	1.6560	1.7573	1.8972	1.8640
Se-72	0.9044	1.0685	1.7194	2.2550
Se-73	2.5170	2.6850	3.0496	3.2083
Se-73m	0.2684	0.3067	0.4215	0.5059
Se-75	3.0656	3.3118	3.9803	4.3608
Se-77m	1.0046	1.0898	1.3315	1.4716
Se-79m	0.2955	0.3886	0.7014	0.9732
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0287	0.0303	0.0323	0.0317
Se-81m	0.3585	0.4549	0.7702	1.0416
Se-83m	1.4617	1.5734	1.6727	1.6005

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	4.8980	5.2327	5.5770	5.3639
Se-84	1.4304	1.5141	1.6080	1.5689
Si-31	0.0010	0.0011	0.0012	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.3947	2.5284	2.7285	2.7051
Sm-140	1.5998	1.6738	1.8596	1.9118
Sm-141	2.0718	2.1965	2.3786	2.3475
Sm-141m	4.4352	4.6908	5.0712	5.0012
Sm-142	0.7458	0.7681	0.8922	0.9746
Sm-143	0.4969	0.5147	0.5921	0.6371
Sm-143m	1.3799	1.4755	1.5716	1.5290
Sm-145	1.5797	1.6260	1.8689	2.0265
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0005	0.0007	0.0017	0.0024
Sm-153	1.2705	1.3227	1.4535	1.5242
Sm-155	1.5477	1.6190	1.7029	1.7192
Sm-156	1.3239	1.3943	1.5644	1.6308
Sm-157	2.2441	2.3521	2.5338	2.5026
Sn-106	3.3251	3.5054	3.8437	3.8493
Sn-108	3.2443	3.4038	3.7448	3.7903
Sn-109	2.9404	3.1553	3.4736	3.3951
Sn-110	1.9540	2.0393	2.2877	2.3576
Sn-111	0.5201	0.5442	0.6597	0.7113
Sn-113	0.4889	0.5014	0.6462	0.7377
Sn-113m	0.3349	0.3431	0.4441	0.5184
Sn-117m	1.9721	2.0407	2.2784	2.3507
Sn-119m	0.3753	0.3909	0.5347	0.6406
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1299	0.1360	0.1856	0.2237
Sn-123	0.0095	0.0103	0.0109	0.0104
Sn-123m	1.5625	1.6218	1.7485	1.7399
Sn-125m	1.5161	1.5963	1.7024	1.6718
Sn-125	0.4860	0.5241	0.5576	0.5316
Sn-126	1.1159	1.1627	1.3033	1.3844
Sn-127m	1.3753	1.4623	1.5589	1.5052
Sn-127	3.0720	3.2962	3.5157	3.3729
Sn-128	3.0882	3.2092	3.5863	3.7172
Sn-129	1.8702	2.0036	2.1306	2.0435

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.8642	4.0543	4.3689	4.3396
Sn-130m	2.2999	2.4278	2.6223	2.5982
Sr-79	1.4610	1.5634	1.7585	1.8602
Sr-80	1.2119	1.3650	1.6640	1.8511
Sr-81	2.3187	2.4506	2.6574	2.6524
Sr-82	0.2135	0.3148	0.5646	0.8028
Sr-83	1.3992	1.6127	2.0270	2.3082
Sr-85	1.5478	1.7335	2.0793	2.2753
Sr-85m	1.6408	1.7336	1.9025	1.9253
Sr-87m	1.2035	1.2858	1.4068	1.4177
Sr-89	0.0001	0.0002	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2009	1.2912	1.3699	1.3160
Sr-92	1.4899	1.6170	1.7415	1.6122
Sr-93	3.8694	4.1541	4.4580	4.3119
Sr-94	1.4893	1.6188	1.7420	1.6097
Ta-170	1.6449	1.7656	2.0441	2.1839
Ta-172	3.8308	4.1041	4.6286	4.7492
Ta-173	2.7986	2.9979	3.5556	3.8672
Ta-174	2.9973	3.2017	3.6887	3.8854
Ta-175	4.0259	4.2878	4.8485	5.0332
Ta-176	3.8662	4.1774	4.7414	4.8356
Ta-177	1.3064	1.3922	1.6610	1.8359
Ta-178	1.3389	1.4336	1.7298	1.9233
Ta-178m	7.9104	8.3612	9.2571	9.5206
Ta-179	0.5997	0.6554	0.8596	1.0104
Ta-180	1.0848	1.1608	1.4080	1.5764
Ta-182	3.4321	3.6773	4.1160	4.1858
Ta-182m	3.4634	3.7081	4.4641	4.8983
Ta-183	3.1844	3.4156	4.0833	4.4820
Ta-184	5.4727	5.8419	6.4853	6.6134
Ta-185	1.7840	1.9165	2.3203	2.5554
Ta-186	5.3712	5.6906	6.1816	6.1522
Tb-146	3.1238	3.3820	3.6474	3.4480
Tb-147m	2.0860	2.2432	2.4702	2.3994
Tb-147	3.8288	4.0808	4.4249	4.3428
Tb-148m	6.6780	7.1144	7.6166	7.4676
Tb-148	2.8987	3.1063	3.3444	3.2648
Tb-149m	2.9032	3.0852	3.3469	3.3410
Tb-149	3.4551	3.6589	3.9797	3.9675

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	6.7188	7.1309	7.6595	7.5428
Tb-150	3.3459	3.5816	3.8848	3.8118
Tb-151	4.5368	4.7750	5.2141	5.2808
Tb-151m	0.6200	0.7008	1.0141	1.2486
Tb-152m	4.0176	4.2304	4.6719	4.7767
Tb-152	3.0625	3.2489	3.5380	3.5273
Tb-153	2.7515	2.8861	3.2283	3.3665
Tb-154	3.5868	3.8315	4.1962	4.1713
Tb-155	2.7517	2.8753	3.1944	3.3515
Tb-156	5.3295	5.6555	6.1961	6.1857
Tb-156m	0.9148	0.9427	1.0097	1.0275
Tb-156n	0.1215	0.1484	0.2652	0.3612
Tb-157	0.1497	0.1746	0.2851	0.3748
Tb-158	2.5813	2.7432	3.0656	3.1698
Tb-160	2.5389	2.7150	2.9514	2.9224
Tb-161	0.8568	0.9097	1.1346	1.2955
Tb-162	3.3516	3.5569	3.8383	3.8118
Tb-163	2.8085	2.9711	3.1841	3.1348
Tb-164	5.5456	5.9124	6.3908	6.2723
Tb-165	1.2199	1.3217	1.4677	1.4335
Tc-101	1.6079	1.6909	1.8053	1.7752
Tc-102m	3.6179	3.8879	4.1432	3.9527
Tc-102	0.1661	0.1772	0.1886	0.1819
Tc-104	3.4974	3.7433	3.9919	3.8311
Tc-105	2.7247	2.8769	3.1077	3.0668
Tc-91	1.2942	1.4120	1.5208	1.4414
Tc-91m	0.9334	0.9964	1.0711	1.0359
Tc-92	5.8918	6.2720	6.7420	6.5427
Tc-93	1.7671	1.9357	2.2706	2.2629
Tc-93m	1.3719	1.4771	1.6510	1.6525
Tc-94	4.8718	5.2468	5.7524	5.6965
Tc-94m	1.7966	1.9437	2.1256	2.0865
Tc-95	1.8025	1.9523	2.2822	2.3678
Tc-95m	2.5222	2.6925	3.0800	3.1523
Tc-96	4.7527	5.1217	5.6402	5.6014
Tc-96m	0.2550	0.2814	0.4097	0.4738
Tc-97	0.3297	0.3723	0.5987	0.7368
Tc-97m	0.2720	0.3014	0.4724	0.5636
Tc-98	2.9084	3.1112	3.2990	3.1839
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.5820	1.6448	1.7705	1.7675
Te-113	1.6062	1.7346	1.8599	1.7734
Te-114	2.6247	2.7708	3.0968	3.1512
Te-115	2.4692	2.6460	2.8633	2.7562
Te-115m	2.7882	2.9976	3.2401	3.1206
Te-116	1.4607	1.5050	1.7422	1.8923
Te-117	2.0390	2.1752	2.3852	2.3681
Te-118	0.4948	0.5020	0.6328	0.7278
Te-119	1.9673	2.0765	2.3042	2.3358
Te-119m	3.7491	3.9587	4.3351	4.2923
Te-121	1.9180	2.0151	2.2442	2.2902
Te-121m	1.8129	1.8889	2.1073	2.1553
Te-123	0.0119	0.0190	0.0510	0.0780
Te-123m	1.8145	1.8799	2.0926	2.1503
Te-125m	0.9022	0.9157	1.1461	1.3109
Te-127	0.0187	0.0197	0.0211	0.0208
Te-127m	0.2830	0.2908	0.3781	0.4426
Te-129	0.2942	0.3125	0.3841	0.4259
Te-129m	0.2642	0.2733	0.3375	0.3795
Te-131	1.9655	2.0576	2.2078	2.1810
Te-131m	3.2251	3.4310	3.6771	3.5916
Te-132	2.2446	2.3244	2.5702	2.6322
Te-133	2.4974	2.6603	2.8367	2.7429
Te-133m	3.6493	3.8949	4.1675	4.0542
Te-134	3.3260	3.4979	3.7531	3.7090
Th-223	1.2338	1.3517	1.6502	1.8693
Th-224	0.2228	0.2376	0.2725	0.2867
Th-226	0.1319	0.1502	0.2054	0.2481
Th-227	1.2359	1.3896	1.8424	2.1719
Th-228	0.0750	0.0942	0.1602	0.2154
Th-229	1.6451	1.8671	2.5315	3.0535
Th-230	1.3629	1.4000	1.4036	1.5603
Th-231	0.6421	0.7816	1.2896	1.7062
Th-232	1.4361	1.5656	1.7284	1.8683
Th-233	0.2684	0.3071	0.4388	0.5381
Th-234	0.2143	0.2397	0.3149	0.3724
Th-235	0.1518	0.1624	0.1766	0.1766
Th-236	0.2561	0.2801	0.3387	0.3753
Ti-44	2.7739	2.8747	3.0297	3.0705
Ti-45	0.0085	0.0113	0.0226	0.0316

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.5508	1.6340	1.7403	1.7068
Ti-52	1.8327	1.9233	2.1423	2.2200
Tl-190	2.1556	2.3020	2.5332	2.5653
Tl-190m	5.6200	6.0003	6.5185	6.4908
Tl-194	2.3039	2.4648	2.7625	2.8634
Tl-194m	7.2437	7.7547	8.5612	8.6938
Tl-195	3.0245	3.3052	3.9362	4.2557
Tl-196	3.7505	4.0327	4.4824	4.5438
Tl-197	2.4039	2.5852	3.0116	3.2469
Tl-198	4.1153	4.4307	4.9347	5.0016
Tl-198m	4.6920	5.0437	5.7296	5.9888
Tl-199	2.3112	2.4815	2.9149	3.1766
Tl-200	3.8445	4.1237	4.6149	4.7251
Tl-201	1.7382	1.8879	2.3321	2.6543
Tl-202	2.5202	2.6987	3.0807	3.2614
Tl-204	0.0264	0.0290	0.0369	0.0430
Tl-206m	7.5014	7.9786	8.6257	8.5515
Tl-206	0.0014	0.0015	0.0018	0.0020
Tl-207	0.0040	0.0043	0.0045	0.0044
Tl-208	3.3147	3.5895	3.8210	3.7004
Tl-209	4.5542	4.8520	5.2070	5.0841
Tl-210	4.6960	5.0677	5.5378	5.4739
Tm-161	5.0570	5.3413	6.0014	6.2349
Tm-162	2.7909	2.9930	3.3144	3.3336
Tm-163	4.3504	4.6139	5.1251	5.2304
Tm-164	1.1548	1.2300	1.4061	1.4779
Tm-165	3.4033	3.5888	4.0043	4.1429
Tm-166	4.1793	4.4732	4.9821	5.0315
Tm-167	2.0488	2.1681	2.5269	2.7145
Tm-168	4.8140	5.1092	5.6535	5.7539
Tm-170	0.0896	0.0977	0.1260	0.1470
Tm-171	0.0147	0.0157	0.0192	0.0215
Tm-172	0.8043	0.8753	1.0161	1.0493
Tm-173	1.4721	1.5588	1.6769	1.6623
Tm-174	6.2429	6.6247	7.2258	7.2376
Tm-175	2.5578	2.7309	2.9479	2.9008
Tm-176	4.3716	4.6720	5.1320	5.1168
U-227	1.2805	1.3958	1.6796	1.8646
U-228	0.1008	0.1203	0.1864	0.2393
U-230	0.0776	0.0995	0.1786	0.2439

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.7557	2.0101	2.7947	3.4187
U-232	0.0646	0.0855	0.1618	0.2253
U-233	0.0340	0.0453	0.0861	0.1204
U-234	1.3681	1.3800	1.4599	1.4992
U-235	1.7955	1.8707	1.9658	2.1727
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0515	0.0689	0.1324	0.1854
U-237	2.1689	2.3582	2.8836	3.2247
U-238	1.1700	1.2728	1.4232	1.5192
U-239	0.8707	0.9186	1.0339	1.1005
U-240	0.2277	0.2802	0.4763	0.6318
U-242	0.3231	0.3396	0.3705	0.3786
V-47	0.0106	0.0121	0.0159	0.0179
V-48	3.0924	3.3588	3.6319	3.4614
V-49	0.0316	0.0516	0.1421	0.2187
V-50	1.4422	1.5818	1.7680	1.7142
V-52	1.4407	1.5682	1.6898	1.5550
V-53	1.5227	1.6454	1.7456	1.6696
W-177	5.2544	5.6047	6.4335	6.8227
W-178	0.3868	0.4399	0.6483	0.8121
W-179	1.2900	1.4012	1.8353	2.1564
W-179m	0.9494	1.0228	1.2625	1.4241
W-181	0.9214	0.9947	1.2470	1.4264
W-185m	0.5312	0.6486	1.1324	1.5237
W-185	0.0009	0.0010	0.0012	0.0013
W-187	1.6487	1.7510	1.9200	1.9451
W-188	0.0145	0.0154	0.0177	0.0188
W-190	2.4455	2.6017	3.0665	3.3382
Xe-120	2.3387	2.4234	2.7545	2.9006
Xe-121	2.0194	2.1292	2.3334	2.3425
Xe-122	0.8370	0.8553	1.0140	1.1094
Xe-123	2.1061	2.1875	2.4315	2.4884
Xe-125	2.4396	2.5226	2.8286	2.9265
Xe-127	2.6468	2.7436	3.0478	3.1138
Xe-127m	2.2862	2.3642	2.5873	2.6407
Xe-129m	1.1687	1.1851	1.4384	1.6071
Xe-131m	0.4788	0.4875	0.6049	0.6857
Xe-133	1.0053	1.0298	1.1434	1.2072
Xe-133m	0.6128	0.6267	0.7493	0.8243
Xe-135	1.4929	1.5637	1.6739	1.6606

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.2234	1.2941	1.3955	1.3731
Xe-137	0.4877	0.5180	0.5514	0.5347
Xe-138	1.8343	1.9685	2.1599	2.1301
Y-81	1.8600	1.9890	2.2567	2.4021
Y-83	0.9980	1.1077	1.3497	1.4891
Y-83m	1.2884	1.3778	1.5458	1.5977
Y-84m	4.7708	5.1448	5.4831	5.2740
Y-85	1.0736	1.1671	1.3215	1.3638
Y-85m	1.1896	1.3059	1.4931	1.5362
Y-86	4.8050	5.2257	5.7285	5.6272
Y-86m	1.6696	1.7526	1.8977	1.8757
Y-87	1.4907	1.6564	1.9988	2.1893
Y-87m	1.1717	1.2501	1.3741	1.3889
Y-88	3.0229	3.3512	3.8077	3.8467
Y-89m	1.4686	1.5822	1.6767	1.6165
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	2.9908	3.1526	3.3913	3.3269
Y-91	0.0038	0.0041	0.0045	0.0041
Y-91m	1.3489	1.4379	1.5398	1.5006
Y-92	0.3867	0.4165	0.4429	0.4232
Y-93	0.1982	0.2110	0.2253	0.2185
Y-94	1.1479	1.2374	1.3130	1.2583
Y-95	0.8568	0.9353	0.9978	0.9355
Yb-162	2.7592	2.9038	3.2687	3.4224
Yb-163	1.8594	1.9944	2.3377	2.5052
Yb-164	1.0743	1.1344	1.3274	1.4455
Yb-165	2.7652	2.9635	3.5947	4.0067
Yb-166	2.0457	2.1574	2.5071	2.7225
Yb-167	4.5233	4.7886	5.5284	5.9516
Yb-169	5.1722	5.4400	6.1595	6.5020
Yb-175	0.2299	0.2425	0.2648	0.2687
Yb-177	0.8408	0.8867	0.9715	0.9791
Yb-178	0.1611	0.1712	0.1886	0.1912
Yb-179	2.7512	2.9255	3.1405	3.0836
Zn-60	1.6710	1.7718	1.8976	1.8717
Zn-61	0.6364	0.6871	0.7380	0.7040
Zn-62	1.3035	1.4383	1.8514	2.1089
Zn-63	0.2541	0.2775	0.3162	0.3240
Zn-65	0.8579	0.9883	1.3503	1.5594
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.3270	1.4094	1.5155	1.4916
Zn-71	0.7584	0.8072	0.8582	0.8311
Zn-71m	4.2847	4.5501	4.8364	4.6947
Zn-72	1.9271	2.0916	2.6397	2.9843
Zr-85	1.2733	1.3600	1.4671	1.4372
Zr-86	2.2635	2.4754	3.0640	3.4344
Zr-87	0.1528	0.1750	0.2279	0.2579
Zr-88	1.6419	1.7956	2.1345	2.3097
Zr-89	1.6895	1.8612	2.1470	2.2463
Zr-89m	1.3823	1.4791	1.5921	1.5531
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4218	1.5229	1.6140	1.5579
Zr-97	1.6884	1.8087	1.9236	1.8574

Table 22: Concrete 5 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.3863	0.3251	0.3620	0.3986	0.3331	0.2365	0.3050	0.3241
Ac-224	3.3538	3.1329	3.1970	3.3857	3.3637	2.5499	2.8264	3.2809
Ac-225	0.5273	0.4543	0.4999	0.5463	0.4645	0.3242	0.4080	0.4057
Ac-226	1.5594	1.4090	1.4472	1.5116	1.5694	1.2314	1.2892	1.4947
Ac-227	0.1273	0.0983	0.1196	0.1364	0.0944	0.0611	0.0975	0.0873
Ac-228	2.4726	2.1858	2.2904	2.2975	2.4936	2.1484	2.3946	3.2645
Ac-230	1.0828	0.9418	0.9970	1.0148	1.0851	0.9219	1.0316	1.4717
Ac-231	3.4701	3.1331	3.1478	3.2769	3.5286	2.8237	2.9363	3.6379
Ac-232	1.6849	1.4544	1.5570	1.5655	1.7181	1.5091	1.6746	2.5670
Ac-233	1.6686	1.4858	1.4910	1.5390	1.6849	1.4995	1.7079	2.3882
Ag-100m	2.7642	2.4637	2.5249	2.4650	2.9896	2.8129	3.0568	4.9899
Ag-101	2.4656	2.2060	2.2094	2.2299	2.5846	2.2496	2.4355	3.3347
Ag-102m	1.7631	1.5384	1.6015	1.5915	1.8819	1.7099	1.8610	3.0226
Ag-102	4.2723	3.8162	3.8951	3.8373	4.5736	4.2275	4.6372	7.2684
Ag-103	2.6499	2.4898	2.4703	2.5090	2.7816	2.3376	2.6130	3.0963
Ag-104	5.3737	4.8582	4.9606	4.8398	5.6961	5.2758	5.8597	8.7008
Ag-104m	2.2349	2.0123	2.0327	2.0449	2.3448	2.1109	2.3637	3.4290
Ag-105	3.0634	2.7855	2.7455	2.8199	3.1166	2.6203	2.9187	3.4587
Ag-105m	0.0500	0.0363	0.0459	0.0537	0.0344	0.0228	0.0396	0.0413
Ag-106	0.6156	0.5729	0.5793	0.5921	0.6190	0.5232	0.6369	0.6869
Ag-106m	6.6545	6.0093	6.0768	6.0085	6.9953	6.3582	7.0273	10.1760
Ag-108	0.0607	0.0561	0.0562	0.0568	0.0626	0.0554	0.0645	0.0820
Ag-108m	5.1409	4.6961	4.6646	4.6696	5.3495	4.8328	5.3763	7.5612
Ag-109m	0.4487	0.4270	0.4402	0.4554	0.4273	0.3369	0.4578	0.4068
Ag-110	0.0738	0.0674	0.0670	0.0665	0.0788	0.0741	0.0822	0.1260
Ag-110m	4.8584	4.3662	4.4633	4.2839	5.2531	5.0144	5.4531	8.7742
Ag-111	0.1439	0.1267	0.1226	0.1263	0.1465	0.1235	0.1255	0.1668
Ag-111m	0.2605	0.2402	0.2529	0.2641	0.2406	0.1908	0.2656	0.2334
Ag-112	1.1171	1.0008	1.0100	1.0032	1.2039	1.1210	1.2231	1.9651
Ag-113m	1.0470	0.9297	0.9122	0.9378	1.0589	0.9029	0.9606	1.2685
Ag-113	0.3140	0.2760	0.2698	0.2765	0.3233	0.2758	0.2846	0.3855
Ag-114	0.4819	0.4313	0.4327	0.4341	0.5103	0.4685	0.5132	0.7929
Ag-115	1.0519	0.9421	0.9584	0.9637	1.1197	0.9823	1.0401	1.4837
Ag-116	2.7525	2.4244	2.4788	2.4614	2.9486	2.6908	2.9061	4.6746
Ag-117	2.0244	1.8115	1.8195	1.8289	2.1518	1.8875	1.9791	2.9794
Ag-99	2.9976	2.6436	2.6894	2.6677	3.1839	2.8351	3.0123	4.4302
Al-26	1.3855	1.1541	1.2580	1.2350	1.5136	1.3954	1.4587	2.7143
Al-28	1.3490	1.1252	1.2259	1.2065	1.4800	1.3596	1.4308	2.6438
Al-29	1.4031	1.2257	1.2752	1.2237	1.5785	1.4400	1.4526	2.7324

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	3.7549	3.4173	3.5160	3.6682	3.7512	2.9265	3.2063	3.6985
Am-238	3.5269	3.2183	3.3660	3.4097	3.5914	2.9705	3.3056	4.2685
Am-239	4.3467	3.9874	4.1856	4.3982	4.2825	3.2248	3.6243	3.9144
Am-240	3.8588	3.4830	3.7003	3.7137	3.8774	3.2339	3.6637	4.6363
Am-241	1.2710	1.2564	1.2753	1.2680	1.2951	1.3052	1.2806	1.3061
Am-242	0.6809	0.6119	0.6607	0.7027	0.6333	0.4574	0.5642	0.5103
Am-242m	0.4795	0.4093	0.4607	0.5010	0.4095	0.2837	0.3926	0.3042
Am-243	1.2230	1.1979	1.1117	1.2383	1.2289	0.8637	0.9853	1.2499
Am-244	3.5657	3.1898	3.3693	3.4279	3.5077	2.9375	3.4145	4.1739
Am-244m	0.2596	0.2276	0.2500	0.2659	0.2341	0.1712	0.2236	0.1930
Am-245	0.4702	0.4321	0.4438	0.4663	0.4686	0.3604	0.4115	0.4338
Am-246	4.9450	4.4728	4.6978	4.8598	4.8648	3.9568	4.6083	5.2147
Am-246m	2.0485	1.8192	1.9210	1.8655	2.1256	1.9219	2.1440	3.1187
Am-247	1.6960	1.5679	1.5937	1.6694	1.7073	1.3273	1.4859	1.6252
Ar-37	0.0545	0.0379	0.0502	0.0599	0.0346	0.0215	0.0418	0.0429
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.3801	1.2101	1.2560	1.2067	1.5553	1.4169	1.4381	2.6841
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.7494	1.5305	1.6052	1.5301	1.9124	1.7992	1.9152	3.2345
Ar-44	2.6937	2.3871	2.5003	2.4797	2.9326	2.6086	2.6599	4.2090
As-68	3.4526	3.0429	3.1772	3.0287	3.7570	3.5666	3.8393	6.3722
As-69	0.6039	0.5288	0.5504	0.5727	0.6047	0.5013	0.5505	0.7452
As-70	4.5787	4.0209	4.2066	4.0323	4.9336	4.6485	5.0078	8.2305
As-71	2.4272	2.0800	2.2507	2.3879	2.2840	1.8437	2.0550	2.5325
As-72	1.5927	1.4029	1.4756	1.4145	1.6667	1.5888	1.7540	2.8136
As-73	2.0571	1.4681	1.8991	2.2465	1.3584	0.8712	1.5942	1.6208
As-74	1.5247	1.3177	1.3777	1.4441	1.4758	1.3071	1.5606	2.2300
As-76	0.9723	0.8774	0.8724	0.8771	1.0262	0.9433	1.0396	1.5710
As-77	0.0519	0.0463	0.0463	0.0479	0.0539	0.0449	0.0472	0.0589
As-78	2.0820	1.8612	1.8872	1.8539	2.2488	2.0985	2.2640	3.6881
As-79	0.1008	0.0897	0.0887	0.0879	0.1043	0.0943	0.0992	0.1455
At-204	6.9389	6.2873	6.2394	6.3794	7.1053	6.2225	6.8663	9.9842
At-205	3.4198	3.1309	3.1300	3.2686	3.4541	2.8310	3.1535	4.6254
At-206	7.0601	6.3903	6.3664	6.4697	7.2631	6.3370	6.9018	10.1239
At-207	5.2801	4.7877	4.8220	4.9565	5.4065	4.5692	5.0362	7.5660
At-208	8.1160	7.3903	7.4709	7.5606	8.4388	7.3768	8.0561	12.0582
At-209	7.5385	6.8870	6.9466	7.1007	7.7238	6.5976	7.2983	10.7130
At-210	6.2637	5.5593	5.7090	5.8538	6.5118	5.4192	5.8767	8.8805
At-211	0.8295	0.7735	0.7679	0.8575	0.7788	0.5260	0.6255	0.8081
At-215	0.0008	0.0007	0.0007	0.0007	0.0008	0.0007	0.0007	0.0010

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0421	0.0395	0.0386	0.0427	0.0408	0.0290	0.0335	0.0431
At-217	0.0018	0.0016	0.0016	0.0017	0.0018	0.0014	0.0016	0.0020
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.6092	2.3163	2.3048	2.3815	2.6847	2.2368	2.3463	2.9918
Au-186	3.8735	3.5066	3.5235	3.6678	3.9896	3.3655	3.6233	4.9950
Au-187	3.1684	2.7872	2.8264	3.0641	3.1014	2.5105	2.8995	4.1237
Au-190	4.5913	4.0189	4.0059	4.2193	4.6937	3.9211	4.2257	6.2472
Au-191	4.0342	3.6007	3.5526	3.8748	3.9463	3.1643	3.6108	4.7802
Au-192	4.2586	3.7339	3.7158	3.9342	4.3239	3.6011	3.9033	5.7905
Au-193	2.5062	2.2589	2.2136	2.5036	2.4069	1.8117	2.1377	2.7078
Au-193m	2.0949	1.7732	1.8489	2.0158	1.9694	1.5212	1.7702	2.0785
Au-194	3.4794	3.0751	3.0263	3.2493	3.4792	2.8439	3.1274	4.4473
Au-195	2.2317	1.9565	1.9893	2.3003	2.0139	1.4394	1.8347	2.2781
Au-195m	2.1122	1.7897	1.8608	2.0305	1.9843	1.5317	1.7802	2.1006
Au-196	3.3518	2.9778	2.8715	3.1091	3.2922	2.6482	2.8806	3.8541
Au-196m	4.2695	3.7486	3.8921	4.3103	3.9521	2.9717	3.5373	4.2124
Au-198	1.6828	1.4968	1.4507	1.4692	1.7033	1.4899	1.5371	2.1579
Au-198m	6.2685	5.7324	5.8821	6.2618	6.3068	4.9527	5.3563	6.6950
Au-199	1.2704	1.1473	1.1538	1.2225	1.2670	1.0054	1.0177	1.2817
Au-200	0.5799	0.5116	0.5081	0.5071	0.6101	0.5372	0.5491	0.8653
Au-200m	7.9769	7.1593	7.1206	7.2674	8.2361	7.1722	7.6647	10.5715
Au-201	0.2086	0.1782	0.1884	0.2046	0.1906	0.1533	0.1885	0.2428
Au-202	0.3705	0.3296	0.3305	0.3262	0.3892	0.3527	0.3735	0.5745
Ba-124	1.9922	1.8441	1.8834	1.9069	1.9579	1.6734	2.0174	2.2372
Ba-126	2.5393	2.3190	2.3668	2.3885	2.5309	2.1908	2.6077	3.0486
Ba-127	1.0836	1.0237	1.0434	1.0689	1.0553	0.8811	1.1076	1.1466
Ba-128	1.1181	1.0381	1.0671	1.1001	1.0198	0.8411	1.1638	1.0101
Ba-129	1.2157	1.1416	1.1754	1.2086	1.1508	0.9598	1.2756	1.2127
Ba-129m	4.9602	4.5143	4.6156	4.6233	5.0656	4.4708	5.0620	6.6394
Ba-131	3.2117	3.0100	3.0033	3.0886	3.1767	2.6952	3.3053	3.6035
Ba-131m	1.4622	1.4015	1.4314	1.4861	1.4407	1.1336	1.3768	1.4386
Ba-133	3.5504	3.2849	3.2297	3.3575	3.4257	2.7954	3.3369	3.7198
Ba-133m	1.0926	0.9695	1.0247	1.0815	0.9693	0.7740	1.0605	0.9678
Ba-135m	0.8982	0.8242	0.8483	0.8779	0.8273	0.6764	0.9079	0.8032
Ba-137m	1.4713	1.3447	1.3404	1.3305	1.5592	1.4671	1.6426	2.4876
Ba-139	0.4559	0.4232	0.4210	0.4249	0.4792	0.4019	0.3832	0.4688
Ba-140	1.0544	0.9195	0.9596	1.0109	0.9850	0.8273	1.0073	1.2240
Ba-141	3.1336	2.8251	2.8340	2.8605	3.2939	2.8611	2.9889	4.1053
Ba-142	2.6350	2.3704	2.4007	2.3695	2.7704	2.4567	2.6607	3.8035

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1742	0.1562	0.1533	0.1565	0.1782	0.1587	0.1737	0.2418
Bi-197	3.8311	3.4457	3.5128	3.6117	3.8936	3.2818	3.6702	5.5548
Bi-200	8.0016	7.1836	7.1609	7.3257	8.1430	6.9648	7.5845	10.7022
Bi-201	3.8525	3.4639	3.5258	3.6311	3.9401	3.3149	3.6861	5.6543
Bi-202	7.1906	6.4793	6.5048	6.5665	7.4149	6.5087	7.1174	10.5742
Bi-203	4.7323	4.2360	4.3275	4.4236	4.8776	4.1797	4.6148	7.1970
Bi-204	7.1655	6.4253	6.5121	6.5330	7.3880	6.4840	7.0758	10.6480
Bi-205	3.6566	3.2622	3.3344	3.4643	3.7052	3.1166	3.5070	5.3462
Bi-206	8.3639	7.5417	7.6156	7.7091	8.6333	7.5647	8.3185	12.5309
Bi-207	4.2510	3.8412	3.8675	3.9871	4.3323	3.7108	4.1804	6.1784
Bi-208	2.3152	1.9688	2.0984	2.1948	2.3832	1.9359	2.1259	3.5800
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.7261	1.5167	1.4857	1.5638	1.7512	1.4272	1.4974	1.9131
Bi-211	0.2714	0.2407	0.2319	0.2431	0.2712	0.2239	0.2321	0.3160
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.3306	0.2757	0.3056	0.3216	0.3034	0.2526	0.3128	0.4284
Bi-213	0.5424	0.4878	0.4764	0.4901	0.5475	0.4684	0.5006	0.6975
Bi-214	1.9821	1.7514	1.8008	1.7673	2.1459	1.9883	2.1362	3.5501
Bi-215	1.2429	1.1124	1.0937	1.1460	1.2576	1.0196	1.0839	1.4781
Bi-216	2.4633	2.2205	2.1798	2.2219	2.5361	2.2653	2.4772	3.5387
Bk-245	3.6388	3.3982	3.4723	3.6410	3.6558	2.8061	3.1977	3.3944
Bk-246	3.7437	3.4134	3.5743	3.6311	3.7495	3.1106	3.5884	4.4536
Bk-247	1.7625	1.6645	1.6323	1.7254	1.8127	1.3732	1.4655	1.8144
Bk-248m	0.8255	0.7630	0.7947	0.8373	0.8027	0.6113	0.7343	0.7444
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7089	1.5117	1.6132	1.5313	1.7791	1.6516	1.8608	2.6857
Bk-251	1.8990	1.7801	1.8274	1.9303	1.8616	1.4144	1.6998	1.6619
Br-72	2.8990	2.5571	2.6560	2.5501	3.1091	2.9086	3.1178	5.1040
Br-73	1.6977	1.5512	1.4982	1.5647	1.7629	1.5207	1.6754	2.3508
Br-74	3.2029	2.7908	2.9222	2.8778	3.4684	3.1799	3.4059	5.7622
Br-74m	4.0689	3.6024	3.7020	3.6446	4.3806	4.0760	4.4183	7.2909
Br-75	2.4554	2.1353	2.1333	2.2209	2.4591	2.0473	2.1786	2.8044
Br-76	3.1626	2.7374	2.8628	2.8946	3.2599	2.9246	3.2530	5.1252
Br-76m	1.6448	1.4112	1.5715	1.7126	1.4115	1.0151	1.3260	1.1994
Br-77	2.1264	1.7795	1.9292	2.0769	1.9388	1.5421	1.8718	2.2584
Br-77m	0.7958	0.6660	0.7591	0.8374	0.6754	0.4632	0.6076	0.6106
Br-78	0.2813	0.2459	0.2552	0.2656	0.2768	0.2450	0.2878	0.4112
Br-80	0.1820	0.1575	0.1656	0.1734	0.1757	0.1537	0.1832	0.2583
Br-80m	1.4885	1.2459	1.4233	1.5635	1.2272	0.8322	1.1997	1.0509

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.6234	0.4898	0.5873	0.6645	0.4776	0.3073	0.4614	0.4100
Br-82	5.0308	4.5279	4.5938	4.4632	5.4067	5.0984	5.5390	8.8084
Br-83	0.0214	0.0193	0.0191	0.0195	0.0221	0.0199	0.0223	0.0317
Br-84m	4.5885	4.0512	4.1365	4.0208	4.9082	4.5214	4.7997	7.6679
Br-84	1.5735	1.3641	1.4481	1.3680	1.7178	1.6347	1.7296	3.0143
Br-85	0.1082	0.0966	0.1004	0.0942	0.1171	0.1128	0.1210	0.1966
C-10	1.5328	1.3919	1.4046	1.3560	1.6477	1.5822	1.7247	2.7532
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0973	0.0676	0.0897	0.1070	0.0618	0.0383	0.0747	0.0767
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2455	1.0966	1.1327	1.0921	1.3878	1.2691	1.3045	2.3549
Ca-49	1.2580	1.0358	1.1460	1.0867	1.4186	1.3095	1.3756	2.7691
Cd-101	3.0469	2.7723	2.8673	2.8473	3.2641	2.8317	3.0248	4.5812
Cd-102	2.8089	2.5870	2.5941	2.6254	2.8673	2.4874	2.8744	3.5961
Cd-103	2.5300	2.2649	2.3592	2.3355	2.6610	2.3630	2.6922	3.8913
Cd-104	2.1569	2.0907	2.0560	2.1282	2.1794	1.7492	2.1285	2.4554
Cd-105	1.7918	1.6117	1.6699	1.6590	1.8614	1.6445	1.8902	2.6257
Cd-107	1.2907	1.2335	1.2729	1.3055	1.2348	0.9875	1.3520	1.1573
Cd-109	1.2029	1.1487	1.1854	1.2180	1.1462	0.9149	1.2619	1.0714
Cd-111m	2.5774	2.3279	2.3256	2.3903	2.6551	2.1967	2.3740	2.6853
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0009	0.0009	0.0010	0.0010	0.0008	0.0010	0.0010
Cd-115	0.6745	0.6095	0.6031	0.6165	0.6919	0.6169	0.6963	0.9501
Cd-115m	0.0495	0.0440	0.0457	0.0430	0.0539	0.0512	0.0547	0.0898
Cd-117	2.1318	1.8787	1.8979	1.8907	2.2642	1.9970	2.0981	3.1987
Cd-117m	2.3368	2.0360	2.1312	2.0502	2.5312	2.3679	2.4914	4.2546
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5185	2.2009	2.2390	2.2319	2.6810	2.3770	2.4940	3.8869
Cd-119m	2.7559	2.4123	2.5181	2.4224	2.9908	2.7823	2.9302	4.9532
Ce-130	3.0294	2.8574	2.8578	2.9255	3.0346	2.5297	3.0591	3.3163
Ce-131	3.5768	3.2354	3.2839	3.3139	3.6326	3.1579	3.5559	4.6980
Ce-132	2.8948	2.7065	2.7549	2.8076	2.9356	2.4396	2.7096	2.9395
Ce-133	2.3923	2.2925	2.3220	2.4014	2.3338	1.8317	2.2654	2.3826
Ce-133m	4.8740	4.4619	4.4866	4.5431	4.9727	4.3397	5.0143	6.5627
Ce-134	0.8748	0.8236	0.8600	0.8880	0.7848	0.6228	0.9091	0.7268
Ce-135	3.7431	3.3909	3.4118	3.4722	3.7707	3.2479	3.7376	4.6132
Ce-137	1.0683	0.9668	1.0378	1.0931	0.9216	0.7178	1.0683	0.8977
Ce-137m	0.8735	0.8037	0.8340	0.8625	0.8230	0.6482	0.8547	0.7931
Ce-139	2.2692	2.1137	2.1415	2.1819	2.2595	1.8610	2.0537	2.1643

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.9752	0.9373	0.9068	0.9309	1.0197	0.8343	0.8908	0.9893
Ce-143	1.9339	1.7615	1.7588	1.8140	1.9318	1.5893	1.8260	2.1128
Ce-144	0.2944	0.2910	0.2802	0.2927	0.3024	0.2395	0.2912	0.2972
Ce-145	3.0017	2.7578	2.7840	2.8012	3.0671	2.6626	3.0817	4.0330
Cf-244	0.1693	0.1471	0.1634	0.1760	0.1481	0.1039	0.1412	0.1064
Cf-246	0.1162	0.1011	0.1122	0.1208	0.1018	0.0715	0.0970	0.0733
Cf-247	2.6942	2.4715	2.5991	2.7647	2.5581	1.8988	2.3589	2.2200
Cf-248	0.1392	0.1211	0.1343	0.1446	0.1221	0.0859	0.1164	0.0883
Cf-249	1.9528	1.7320	1.7222	1.7745	1.9328	1.6056	1.7121	2.1487
Cf-250	0.1222	0.1067	0.1170	0.1247	0.1101	0.0808	0.1051	0.0922
Cf-251	2.1551	2.0011	2.0691	2.1702	2.1426	1.6456	1.8750	1.9489
Cf-252	0.8498	0.7562	0.7760	0.7766	0.8868	0.7808	0.8478	1.2345
Cf-253	0.3837	0.3317	0.3701	0.3997	0.3290	0.2330	0.3275	0.2572
Cf-254	27.3567	24.4146	24.7763	24.5100	29.2008	26.3093	27.9115	42.9457
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.5844	1.4036	1.4407	1.4233	1.7219	1.5315	1.5423	2.5523
Cl-36	0.0008	0.0005	0.0007	0.0008	0.0005	0.0003	0.0006	0.0006
Cl-38	0.9941	0.8250	0.9006	0.8837	1.0960	1.0037	1.0407	1.9555
Cl-39	2.1792	1.8951	1.9501	1.9330	2.3838	2.0999	2.1798	3.5106
Cl-40	2.6313	2.2342	2.3985	2.3264	2.9514	2.6918	2.8280	5.2194
Cm-238	1.7116	1.6146	1.6681	1.7479	1.7160	1.2906	1.4604	1.5565
Cm-239	3.6306	3.4252	3.5162	3.6384	3.7436	2.9549	3.1676	3.5409
Cm-240	0.1917	0.1657	0.1848	0.1996	0.1665	0.1148	0.1550	0.1157
Cm-241	4.3735	3.9726	4.1120	4.3112	4.2734	3.3678	3.8868	4.3908
Cm-242	0.1721	0.1487	0.1658	0.1792	0.1494	0.1030	0.1391	0.1038
Cm-243	2.2118	1.9921	2.1058	2.2249	2.1432	1.6186	1.8507	1.9789
Cm-244	0.1478	0.1277	0.1424	0.1539	0.1283	0.0884	0.1194	0.0891
Cm-245	2.2529	2.0912	2.1887	2.2946	2.2313	1.6733	1.8681	2.0049
Cm-246	0.1237	0.1070	0.1188	0.1279	0.1085	0.0762	0.1012	0.0803
Cm-247	1.4238	1.2667	1.2308	1.2450	1.4438	1.2508	1.2761	1.7616
Cm-248	2.2432	1.9989	2.0381	2.0259	2.3724	2.1172	2.2655	3.4143
Cm-249	0.2281	0.1731	0.2093	0.2393	0.1716	0.1247	0.1923	0.2225
Cm-250	21.5928	19.2674	19.5561	19.3497	23.0448	20.7562	22.0213	33.8818
Cm-251	0.5280	0.4818	0.4856	0.5011	0.5333	0.4498	0.5113	0.6444
Co-54m	4.4359	3.9012	3.9798	3.8688	4.7809	4.3539	4.5340	7.4549
Co-55	2.0401	1.7938	1.8772	1.8014	2.1600	2.0263	2.2130	3.5104
Co-56	3.9185	3.3744	3.6066	3.4750	4.1661	3.8784	4.1824	7.1649
Co-57	2.2946	2.1095	2.1688	2.3698	2.1532	1.6421	2.1652	2.2333
Co-58	1.8558	1.6048	1.7227	1.6861	1.8582	1.7410	1.9850	3.1012

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.3902	0.2712	0.3594	0.4288	0.2479	0.1537	0.2995	0.3074
Co-60	2.8134	2.4685	2.5754	2.4525	3.1488	2.9062	2.9967	5.4118
Co-60m	0.4529	0.3215	0.4160	0.4943	0.2986	0.1911	0.3525	0.3677
Co-61	1.0386	1.0202	0.8771	1.0101	1.1145	0.8648	0.9455	1.3325
Co-62	1.6315	1.4211	1.4960	1.4129	1.8115	1.6918	1.7462	3.1297
Co-62m	2.9083	2.5366	2.6681	2.5215	3.2162	3.0125	3.1155	5.5644
Cr-48	3.4494	3.1696	3.1138	3.2581	3.5351	2.8493	3.0333	3.7997
Cr-49	1.4110	1.3733	1.3010	1.3711	1.5152	1.1787	1.1377	1.5804
Cr-51	0.3955	0.3062	0.3497	0.3948	0.3171	0.2348	0.3179	0.3742
Cr-55	0.0006	0.0005	0.0005	0.0005	0.0007	0.0006	0.0007	0.0011
Cr-56	1.8526	1.8247	1.7440	1.8876	1.8180	1.3159	1.5915	2.0566
Cs-121	1.2180	1.1163	1.1122	1.1252	1.2576	1.0806	1.1563	1.4753
Cs-121m	2.2835	2.1049	2.1301	2.1536	2.3660	2.0355	2.1986	2.7272
Cs-123	1.7132	1.6008	1.6092	1.6344	1.7330	1.4710	1.6998	2.1490
Cs-124	0.6729	0.5969	0.5912	0.5970	0.6821	0.5958	0.6401	0.8821
Cs-125	1.4929	1.3829	1.3934	1.4166	1.4708	1.2811	1.5710	1.8637
Cs-126	1.1398	1.0206	1.0102	1.0137	1.1453	1.0100	1.1027	1.4799
Cs-127	2.4319	2.2440	2.2262	2.2686	2.3686	2.0349	2.4481	2.7821
Cs-128	0.8103	0.7383	0.7395	0.7502	0.7927	0.6930	0.8262	0.9965
Cs-129	2.2595	2.0824	2.0926	2.1366	2.1362	1.8130	2.2845	2.3974
Cs-130m	1.7017	1.6335	1.6300	1.7240	1.5760	1.2247	1.6465	1.6047
Cs-130	0.5526	0.5208	0.5374	0.5497	0.5006	0.4239	0.6099	0.5531
Cs-131	0.8228	0.7825	0.8120	0.8336	0.7210	0.5985	0.9138	0.7257
Cs-132	2.4090	2.2280	2.2506	2.2546	2.4194	2.2068	2.6840	3.4878
Cs-134	3.4641	3.1401	3.1567	3.0818	3.6974	3.5058	3.8372	6.0058
Cs-134m	0.7381	0.6679	0.7078	0.7622	0.6404	0.5002	0.7413	0.6597
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0027	2.7079	2.7938	2.6098	3.2361	3.1568	3.4097	5.5385
Cs-136	4.5126	4.0456	4.1167	3.9623	4.8109	4.4466	4.7034	7.2519
Cs-137	1.3448	1.2343	1.3543	1.3720	1.4367	1.4368	1.4955	1.4224
Cs-138m	1.4235	1.3027	1.3414	1.3652	1.4182	1.2149	1.4489	1.7445
Cs-138	2.8863	2.5243	2.6193	2.5556	3.1340	2.8681	3.0532	5.0479
Cs-139	0.2859	0.2478	0.2596	0.2520	0.3163	0.2905	0.3018	0.5431
Cs-140	1.9754	1.7338	1.7899	1.7561	2.1409	1.9889	2.1340	3.5785
Cu-57	0.1477	0.1300	0.1366	0.1275	0.1622	0.1543	0.1634	0.2774
Cu-59	0.7664	0.6757	0.6874	0.6718	0.8171	0.7451	0.7824	1.2648
Cu-60	2.8282	2.4359	2.5812	2.4972	3.1081	2.8659	3.0052	5.4034
Cu-61	0.7896	0.6664	0.7023	0.7474	0.7464	0.6243	0.7342	1.0057
Cu-62	0.0202	0.0156	0.0186	0.0202	0.0168	0.0134	0.0183	0.0253
Cu-64	0.2400	0.1679	0.2210	0.2623	0.1556	0.0986	0.1860	0.1966

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1401	0.1239	0.1310	0.1200	0.1526	0.1484	0.1603	0.2581
Cu-67	1.2627	1.1817	1.2109	1.2504	1.3217	1.0661	1.0714	1.3661
Cu-69	0.8709	0.7759	0.8049	0.7590	0.9399	0.9006	0.9765	1.5534
Dy-148	2.5521	2.3412	2.3756	2.4210	2.5955	2.2941	2.6128	3.4752
Dy-149	3.8341	3.4783	3.6246	3.6231	3.9499	3.4396	3.7832	5.2443
Dy-150	1.7292	1.5587	1.5599	1.5927	1.7023	1.4389	1.5488	1.9030
Dy-151	3.8146	3.4120	3.5326	3.5615	3.8577	3.3794	3.7530	5.1181
Dy-152	2.7084	2.4067	2.4479	2.5429	2.7104	2.2039	2.4043	2.6529
Dy-153	4.5570	4.1790	4.2934	4.4077	4.5631	3.7764	4.2096	5.0543
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.2275	2.9449	3.0436	3.1008	3.2971	2.7756	3.0478	3.6720
Dy-157	2.7479	2.4636	2.4611	2.5585	2.7036	2.2172	2.3893	2.8209
Dy-159	1.2369	1.1442	1.2082	1.2629	1.1588	0.9136	1.1035	1.0271
Dy-165m	0.4055	0.3315	0.3813	0.4241	0.3301	0.2444	0.3393	0.3602
Dy-165	0.2343	0.2174	0.2225	0.2311	0.2312	0.1901	0.2085	0.2444
Dy-166	1.0196	0.9312	0.9719	1.0457	0.9319	0.7254	0.8727	0.9027
Dy-167	2.4819	2.2163	2.2061	2.2744	2.5284	2.1761	2.3566	3.0537
Dy-168	2.2620	2.0702	2.1051	2.1655	2.2865	1.9618	2.1467	2.6537
Er-154	1.5070	1.3670	1.4609	1.5467	1.3342	1.0801	1.4140	1.2949
Er-156	2.0174	1.7521	1.9306	2.0890	1.7233	1.3375	1.7855	1.6753
Er-159	3.0949	2.8111	2.8840	2.9434	3.1371	2.7583	3.0615	4.0389
Er-161	3.2186	2.9115	3.0391	3.0451	3.2447	2.8862	3.2108	4.2844
Er-163	1.0494	0.9631	1.0167	1.0723	0.9647	0.7885	0.9337	0.8572
Er-165	1.0171	0.9314	0.9851	1.0403	0.9320	0.7604	0.9035	0.8290
Er-167m	1.0627	0.9717	1.0307	1.0732	1.0659	0.8831	0.9756	1.0802
Er-169	0.0113	0.0078	0.0104	0.0124	0.0072	0.0045	0.0087	0.0089
Er-171	2.9181	2.6303	2.6007	2.7281	2.9119	2.4055	2.5789	3.0897
Er-172	2.5606	2.3205	2.3184	2.4022	2.5385	2.2233	2.4494	3.1234
Er-173	4.1872	3.9311	4.0381	4.0885	4.3684	3.7803	4.1179	5.1076
Es-249	3.2508	3.0231	3.0415	3.1552	3.2621	2.6203	2.9925	3.3967
Es-250	9.3272	8.5257	8.8278	9.1722	9.1206	7.2621	8.6297	9.4551
Es-250m	2.7438	2.5597	2.6278	2.6953	2.7782	2.2563	2.6415	3.0519
Es-251	2.4409	2.2660	2.3530	2.4964	2.3492	1.7577	2.1614	2.0442
Es-253	0.0470	0.0405	0.0451	0.0488	0.0406	0.0287	0.0393	0.0315
Es-254	1.6838	1.4174	1.6086	1.7642	1.4070	0.9727	1.3829	1.1195
Es-254m	1.6647	1.5042	1.5469	1.5724	1.6741	1.4724	1.7269	2.2977
Es-255	0.0011	0.0010	0.0010	0.0010	0.0012	0.0011	0.0011	0.0017
Es-256	0.2291	0.2023	0.2221	0.2372	0.2007	0.1455	0.2037	0.1603
Eu-142	0.3649	0.3248	0.3397	0.3308	0.3901	0.3545	0.3881	0.6182
Eu-142m	5.3119	4.7420	4.8853	4.7361	5.5958	5.2533	5.8098	8.9173

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.6436	0.5785	0.6102	0.6080	0.6738	0.5688	0.6409	0.9254
Eu-144	0.2876	0.2547	0.2714	0.2725	0.3028	0.2555	0.2916	0.4308
Eu-145	2.6992	2.4389	2.5486	2.5032	2.8156	2.4800	2.8054	4.0324
Eu-146	5.0537	4.5784	4.6701	4.6019	5.3496	4.8747	5.4088	8.2038
Eu-147	2.6486	2.4970	2.5601	2.5994	2.7349	2.2311	2.5899	3.0940
Eu-148	6.0737	5.5082	5.5369	5.5645	6.3416	5.6774	6.3494	9.1565
Eu-149	1.2483	1.1284	1.1975	1.2575	1.1799	0.8721	1.1089	1.1386
Eu-150	5.7987	5.2031	5.1643	5.2407	5.9325	5.1198	5.5451	7.6320
Eu-150m	0.2359	0.2134	0.2150	0.2198	0.2365	0.1922	0.2138	0.2659
Eu-152	3.3907	3.1023	3.1505	3.1515	3.5382	3.0228	3.3807	4.5982
Eu-152m	0.9056	0.8351	0.8593	0.8469	0.9415	0.8163	0.9343	1.2565
Eu-152n	1.5586	1.4499	1.4876	1.6052	1.5094	1.0812	1.2239	1.5898
Eu-154	2.8542	2.6349	2.6631	2.6316	3.0446	2.7175	3.0230	4.3398
Eu-154m	1.7533	1.5767	1.6429	1.8009	1.6306	1.2053	1.4974	1.7311
Eu-155	1.0821	1.0503	1.0442	1.0994	1.1103	0.8296	0.8890	1.1281
Eu-156	1.7222	1.5255	1.5925	1.5522	1.8397	1.6740	1.7808	2.9420
Eu-157	2.1527	1.9461	1.9537	2.0592	2.1065	1.7269	1.9670	2.3814
Eu-158	2.3030	2.0578	2.1476	2.0737	2.4276	2.2303	2.4440	3.7971
Eu-159	2.2281	2.0967	2.1089	2.1969	2.2398	1.7953	2.0413	2.4497
F-17	0.0005	0.0005	0.0005	0.0004	0.0006	0.0005	0.0006	0.0010
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.8079	1.6459	1.6671	1.7035	1.8774	1.5634	1.4795	1.8702
Fe-53	0.7448	0.6556	0.6358	0.6459	0.7526	0.6514	0.6615	0.9279
Fe-53m	4.2173	3.7426	3.8776	3.6904	4.6141	4.3712	4.6728	7.8062
Fe-55	0.3234	0.2247	0.2979	0.3555	0.2054	0.1273	0.2482	0.2547
Fe-59	1.4990	1.3248	1.3827	1.3060	1.6631	1.5507	1.6131	2.7910
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.0769	1.8333	1.8896	1.8175	2.2524	2.0696	2.1756	3.5178
Fe-62	1.6572	1.4919	1.4715	1.5078	1.7034	1.5261	1.7069	2.3791
Fm-251	2.2619	2.1060	2.1605	2.2885	2.1963	1.6934	2.0856	2.1174
Fm-252	0.1207	0.1061	0.1168	0.1251	0.1064	0.0761	0.1040	0.0800
Fm-253	2.0205	1.8390	1.9425	2.0708	1.8838	1.3964	1.7906	1.6089
Fm-254	0.1329	0.1170	0.1280	0.1362	0.1193	0.0875	0.1164	0.0982
Fm-255	1.3492	1.1636	1.2978	1.4060	1.1598	0.8093	1.1205	0.8748
Fm-256	20.3715	18.1858	18.4542	18.2538	21.7376	19.5868	20.7904	31.9425
Fm-257	2.4306	2.2482	2.3250	2.4519	2.3736	1.8177	2.1800	2.1532
Fr-212	3.7023	3.3428	3.4367	3.5674	3.7592	3.0214	3.3002	4.6138
Fr-219	0.0197	0.0177	0.0173	0.0181	0.0199	0.0165	0.0172	0.0233
Fr-220	0.2945	0.2589	0.2759	0.3048	0.2623	0.1808	0.2249	0.2490
Fr-221	0.2826	0.2610	0.2671	0.2783	0.2925	0.2342	0.2496	0.2981

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.8307	1.6797	1.7725	1.8481	1.8412	1.4515	1.6136	1.8000
Fr-223	1.2380	1.1322	1.1870	1.2614	1.1503	0.8822	1.0263	0.9844
Fr-224	1.9204	1.7564	1.8052	1.8433	1.9951	1.6696	1.8291	2.3905
Fr-227	2.9365	2.7363	2.7186	2.8588	2.9996	2.3762	2.5501	3.4366
Ga-64	2.0685	1.7859	1.9085	1.7990	2.2658	2.1461	2.2823	3.9729
Ga-65	1.7989	1.6591	1.6876	1.7895	1.7903	1.4469	1.6801	2.0674
Ga-66	1.6406	1.3520	1.5106	1.4942	1.6661	1.5046	1.6933	2.8465
Ga-67	2.3147	1.9521	2.1502	2.3559	2.0596	1.5383	1.8624	2.2938
Ga-68	0.1316	0.1012	0.1216	0.1321	0.1077	0.0863	0.1195	0.1601
Ga-70	0.0177	0.0153	0.0166	0.0164	0.0178	0.0159	0.0177	0.0255
Ga-72	3.2718	2.8809	3.0050	2.8645	3.5589	3.3852	3.6067	6.0883
Ga-73	2.9066	2.3707	2.5544	2.7920	2.5742	2.0229	2.4406	2.9661
Ga-74	3.6526	3.2073	3.2984	3.2545	3.9504	3.6525	3.9134	6.5170
Gd-142	1.5716	1.4233	1.4574	1.4740	1.6269	1.3807	1.5095	2.0281
Gd-143m	4.2578	3.8071	3.8744	3.9089	4.4119	3.7798	4.1240	5.6027
Gd-144	1.0236	0.9214	0.9593	0.9744	1.0404	0.8573	0.9694	1.2765
Gd-145m	1.7913	1.5873	1.6450	1.6471	1.8065	1.6487	1.8808	2.7763
Gd-145	2.3023	2.0030	2.1437	2.1200	2.4319	2.1452	2.3416	3.7452
Gd-146	4.3180	4.1344	4.1659	4.3032	4.4031	3.4323	3.8918	4.1826
Gd-147	5.1042	4.6129	4.6943	4.7000	5.2842	4.5717	4.9653	6.6501
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.6130	3.3086	3.3175	3.3941	3.6684	3.0163	3.2731	3.9719
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.4869	1.3414	1.4272	1.4998	1.4027	1.0612	1.3034	1.3250
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.2563	2.1409	2.2190	2.2915	2.2703	1.7107	1.9363	2.1496
Gd-159	0.4722	0.4293	0.4331	0.4492	0.4612	0.3795	0.4197	0.4763
Gd-162	1.8148	1.6020	1.5796	1.6132	1.8098	1.5687	1.6694	2.2867
Ge-66	3.1142	2.6631	2.8245	3.0213	2.8853	2.3157	2.7419	3.3731
Ge-67	1.8997	1.7263	1.7439	1.7468	2.0149	1.7354	1.6646	2.3067
Ge-68	0.7933	0.5518	0.7309	0.8716	0.5048	0.3129	0.6084	0.6237
Ge-69	1.7096	1.3992	1.5707	1.6331	1.5765	1.3601	1.6690	2.4353
Ge-71	0.8046	0.5597	0.7413	0.8841	0.5120	0.3174	0.6171	0.6326
Ge-75	0.2325	0.2041	0.2024	0.2093	0.2416	0.2008	0.2071	0.2545
Ge-77	3.8610	3.4645	3.4872	3.5202	4.0685	3.5457	3.7186	5.0757
Ge-78	1.7654	1.5360	1.5043	1.5608	1.8167	1.5062	1.5395	1.9308
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.9233	1.7085	1.6809	1.7953	1.8824	1.5541	1.6682	2.0195
Hf-169	2.8216	2.5455	2.5326	2.6875	2.7715	2.3713	2.6975	3.3573
Hf-170	3.6964	3.3380	3.3912	3.6272	3.5842	2.9770	3.3833	4.0369

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	2.8569	2.5395	2.6424	2.9352	2.5586	2.0076	2.5765	2.6801
Hf-173	4.2690	4.0129	3.8980	4.1637	4.2904	3.5135	4.0259	4.4638
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.9212	2.5962	2.5712	2.7490	2.8261	2.3432	2.5579	3.0934
Hf-177m	16.7574	15.0315	14.9812	15.7420	16.9298	14.0506	15.0201	18.5766
Hf-178m	12.3259	11.1008	11.1043	11.5786	12.4937	10.5035	11.3425	14.9139
Hf-179m	6.8750	6.1816	6.1603	6.5154	6.8217	5.6720	6.2220	7.6262
Hf-180m	6.2620	5.6198	5.5914	5.8612	6.3072	5.2869	5.6636	7.2258
Hf-181	3.0247	2.7706	2.7094	2.8592	3.0395	2.5669	2.9227	3.6480
Hf-182	1.8136	1.5915	1.5700	1.6478	1.8484	1.5194	1.5836	1.9375
Hf-182m	5.1751	4.6489	4.6704	4.9021	5.1699	4.3584	4.7924	6.1521
Hf-183	2.5421	2.3407	2.2835	2.3424	2.6429	2.3173	2.5285	3.7604
Hf-184	3.2621	2.7822	2.9676	3.2594	2.9162	2.2555	2.8019	3.1838
Hg-190	3.4003	3.1178	3.0651	3.3957	3.2847	2.4896	2.9051	3.5116
Hg-191m	6.1016	5.3912	5.3953	5.7368	6.0859	5.0080	5.6021	7.6610
Hg-192	3.5541	3.1497	3.1370	3.4901	3.3865	2.5560	2.9685	3.7051
Hg-193	3.5357	3.1433	3.1787	3.4301	3.4533	2.7664	3.1827	4.3982
Hg-193m	3.4899	3.1179	3.1034	3.2884	3.4921	2.9019	3.2554	4.6767
Hg-194	0.4375	0.3165	0.4060	0.4765	0.2956	0.1853	0.3317	0.3250
Hg-195	2.1977	1.9310	1.9652	2.2295	2.0108	1.4864	1.8619	2.3856
Hg-195m	2.6876	2.2431	2.4093	2.7114	2.3458	1.7241	2.2254	2.6307
Hg-197	1.9706	1.7479	1.7602	2.0388	1.7676	1.2266	1.5799	1.9882
Hg-197m	1.9455	1.7194	1.7726	1.9889	1.7633	1.2922	1.6590	1.8864
Hg-199m	2.5017	2.2363	2.2336	2.4357	2.4043	1.8410	1.9922	2.5545
Hg-203	1.6900	1.4828	1.4514	1.5301	1.7141	1.3891	1.4518	1.8327
Hg-205	0.0512	0.0482	0.0495	0.0517	0.0537	0.0436	0.0468	0.0566
Hg-206	0.7828	0.6940	0.6716	0.7140	0.7838	0.6336	0.6680	0.8899
Hg-207	4.1873	3.6568	3.7469	3.7295	4.4063	3.9211	4.1799	6.5778
Ho-150	2.2922	2.0752	2.1233	2.0388	2.4351	2.3212	2.5344	3.9439
Ho-153	2.7828	2.4980	2.4996	2.5677	2.8197	2.3924	2.5679	3.3079
Ho-153m	3.1994	2.9160	2.9500	3.0199	3.2395	2.7405	2.9470	3.6762
Ho-154m	7.2792	6.4943	6.4146	6.4972	7.4213	6.5183	6.9150	9.6129
Ho-154	3.6705	3.2601	3.2497	3.2799	3.7676	3.3096	3.5017	4.9584
Ho-155	2.6209	2.3758	2.4568	2.5452	2.5786	2.1326	2.3923	2.7553
Ho-156	4.8449	4.3768	4.4182	4.4772	5.0186	4.3315	4.6859	6.2440
Ho-157	3.9230	3.5726	3.6519	3.7857	3.8670	3.2061	3.5530	4.0740
Ho-159	4.2158	3.9527	3.9850	4.1519	4.1992	3.4302	3.8972	4.1749
Ho-160	4.8895	4.4456	4.6005	4.5561	5.0278	4.5388	5.0468	7.0560
Ho-161	1.6888	1.5425	1.6396	1.7300	1.5300	1.2171	1.5568	1.4888
Ho-162	1.4309	1.3103	1.3779	1.4541	1.3356	1.0612	1.2642	1.2993

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	2.9259	2.6157	2.7606	2.8671	2.8326	2.3496	2.6722	3.2039
Ho-163	0.0130	0.0090	0.0120	0.0143	0.0082	0.0051	0.0100	0.0102
Ho-164	0.7975	0.7293	0.7714	0.8174	0.7340	0.5807	0.6990	0.6714
Ho-164m	1.6302	1.4030	1.5550	1.6973	1.3823	1.0664	1.4078	1.3390
Ho-166	0.3341	0.2955	0.3130	0.3453	0.2956	0.2218	0.2778	0.3204
Ho-166m	5.6761	5.1478	5.2345	5.2451	5.8965	5.2504	5.6138	7.9139
Ho-167	2.2220	1.9728	1.9371	2.0117	2.2177	1.8622	1.9381	2.4910
Ho-168	2.1429	1.9322	1.9913	1.9571	2.2267	2.0538	2.2544	3.4315
Ho-168m	0.3564	0.2851	0.3363	0.3788	0.2740	0.2002	0.2940	0.2855
Ho-170	4.8724	4.3756	4.5116	4.4736	5.0409	4.4965	4.8587	6.8289
I-118m	6.5120	5.8915	5.8994	5.8413	6.9197	6.4302	7.0682	10.8233
I-118	2.2363	2.0182	2.0226	2.0156	2.3733	2.1964	2.4285	3.7290
I-119	2.3305	2.0748	2.0760	2.1327	2.3531	1.9785	2.2300	2.6027
I-120	2.6830	2.3848	2.4425	2.4352	2.8354	2.5853	2.8924	4.4721
I-120m	5.6705	5.1149	5.1307	5.1254	5.9964	5.5311	6.1506	9.3548
I-121	2.5161	2.3619	2.4302	2.4726	2.5492	2.1627	2.5542	2.7909
I-122	0.5516	0.5075	0.5121	0.5177	0.5497	0.4937	0.6044	0.7751
I-123	2.3946	2.2366	2.2358	2.2652	2.3740	1.9991	2.2186	2.4229
I-124	2.1446	1.9606	1.9916	2.0017	2.1761	1.9720	2.3733	3.2225
I-125	1.6241	1.5528	1.6057	1.6427	1.4332	1.1977	1.8382	1.5600
I-126	1.6737	1.5277	1.5218	1.5286	1.6728	1.4964	1.7389	2.2756
I-128	0.2964	0.2684	0.2655	0.2695	0.2945	0.2591	0.2963	0.3798
I-129	0.8583	0.8201	0.8482	0.8684	0.7658	0.6282	0.9422	0.7604
I-130m	0.5294	0.4762	0.4922	0.5106	0.4982	0.4306	0.5562	0.6525
I-130	5.2781	4.7735	4.7560	4.7110	5.5755	5.1937	5.6797	8.6489
I-131	1.5975	1.4903	1.5994	1.6198	1.6797	1.6845	1.7600	1.6995
I-132	4.5514	4.1098	4.1540	4.0345	4.8818	4.6318	5.0431	7.9927
I-132m	1.4092	1.2800	1.3194	1.3402	1.3953	1.2291	1.4644	1.8898
I-133	1.6997	1.5324	1.5201	1.5370	1.7702	1.6103	1.7873	2.5914
I-134m	2.4746	2.2406	2.2521	2.3136	2.4229	2.0213	2.4089	2.5724
I-134	4.6074	4.1294	4.2469	4.0345	4.9560	4.7305	5.1133	8.1329
I-135	1.9418	1.7001	1.7707	1.7066	2.1283	1.9644	2.0644	3.5230
In-103	3.2811	2.9688	3.0646	2.9994	3.5388	3.2148	3.3986	5.1561
In-105	2.9641	2.7466	2.7369	2.7463	3.1427	2.7733	3.1070	4.2354
In-106	5.5181	4.9756	5.0748	4.8982	5.8956	5.5881	6.1554	9.4644
In-106m	2.4807	2.2054	2.2547	2.2291	2.6689	2.4884	2.7248	4.4281
In-107	2.8067	2.5596	2.6376	2.6412	2.9389	2.5715	2.8602	3.8564
In-108	7.2508	6.5053	6.6583	6.4790	7.7173	7.1413	7.8544	11.8518
In-108m	2.6290	2.3409	2.4124	2.3891	2.7923	2.5656	2.8678	4.5071
In-109	2.9119	2.7351	2.8079	2.8345	3.0286	2.5957	2.9690	3.5702

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.4973	1.3692	1.3589	1.3533	1.5940	1.5004	1.6741	2.5593
In-110	6.7170	6.0980	6.2313	6.0134	7.1053	6.7138	7.5474	11.2901
In-110m	2.0296	1.8517	1.8650	1.8537	2.1362	1.9790	2.2504	3.3310
In-111	4.0927	3.7485	3.7726	3.8493	4.2217	3.5115	3.7607	4.2485
In-111m	1.5232	1.3819	1.3673	1.3941	1.5674	1.4140	1.6076	2.2383
In-112	0.3782	0.3575	0.3654	0.3718	0.3654	0.3104	0.4153	0.4315
In-112m	0.8479	0.8048	0.8189	0.8341	0.8038	0.6684	0.8818	0.8617
In-113m	1.3789	1.2418	1.2159	1.2296	1.3677	1.1837	1.2976	1.6642
In-114	0.0071	0.0066	0.0068	0.0068	0.0071	0.0061	0.0077	0.0094
In-114m	0.7844	0.7397	0.7629	0.7761	0.7710	0.6530	0.8191	0.8813
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1773	1.0632	1.0463	1.0763	1.1526	0.9680	1.1133	1.3188
In-116m	3.1439	2.7635	2.8561	2.7449	3.4390	3.1689	3.2912	5.6513
In-117	3.1789	2.9054	2.8549	2.8881	3.3312	2.9238	2.9729	4.0944
In-117m	0.8313	0.7580	0.7465	0.7642	0.8317	0.6951	0.7509	0.8900
In-118m	3.9839	3.5414	3.6577	3.4797	4.3614	4.1044	4.3428	7.2888
In-118	0.0961	0.0848	0.0876	0.0839	0.1064	0.0982	0.1012	0.1800
In-119	1.7527	1.5866	1.6306	1.5688	1.8404	1.7502	1.9598	3.0190
In-119m	0.2166	0.1944	0.2026	0.2043	0.2114	0.1824	0.2247	0.2831
In-121	1.6569	1.4766	1.5362	1.4337	1.7836	1.7216	1.8661	2.9224
In-121m	0.6756	0.6498	0.6348	0.6648	0.6533	0.5521	0.7357	0.7818
Ir-180	4.2476	3.8138	3.7845	3.9659	4.3046	3.6703	4.1360	5.5715
Ir-182	4.0595	3.6455	3.6217	3.8353	4.0943	3.4098	3.8682	5.0423
Ir-183	4.1432	3.6410	3.6618	3.9851	4.0705	3.3275	3.8296	5.2786
Ir-184	6.1453	5.4496	5.4630	5.7431	6.2137	5.2464	5.8666	8.0673
Ir-185	3.9370	3.3834	3.4962	3.8986	3.6955	2.9009	3.5062	4.6071
Ir-186	5.9325	5.2869	5.2319	5.5395	5.9832	5.0337	5.6035	7.6849
Ir-186m	3.3518	2.9956	3.0038	3.1495	3.4054	2.9367	3.3311	4.7794
Ir-187	2.6485	2.3119	2.3273	2.6194	2.4843	1.9569	2.3861	3.0905
Ir-188	4.0996	3.5927	3.6401	3.8474	4.1710	3.5555	3.9027	5.9076
Ir-189	1.8625	1.5974	1.6303	1.8995	1.6711	1.2366	1.5939	1.9198
Ir-190	6.7351	6.0564	6.0023	6.2950	6.8394	5.8679	6.4505	8.8174
Ir-190m	0.4411	0.3091	0.4069	0.4839	0.2839	0.1764	0.3375	0.3432
Ir-190n	1.4428	1.2669	1.2592	1.4701	1.3253	0.9877	1.2564	1.5213
Ir-191m	1.8856	1.6458	1.6930	1.9460	1.6826	1.2347	1.6502	1.8815
Ir-192	3.9872	3.5207	3.4145	3.5545	4.0465	3.4287	3.5885	4.8624
Ir-192m	0.4886	0.3490	0.4522	0.5336	0.3239	0.2024	0.3716	0.3703
Ir-192n	1.0219	0.7326	0.9453	1.1149	0.6817	0.4273	0.7780	0.7771
Ir-193m	0.4404	0.3107	0.4060	0.4823	0.2866	0.1789	0.3375	0.3442
Ir-194	0.3591	0.3157	0.3070	0.3161	0.3671	0.3131	0.3226	0.4520

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	8.4310	7.5344	7.3834	7.5592	8.6478	7.6208	8.2017	11.6624
Ir-195	1.4536	1.2807	1.3062	1.4961	1.3251	0.9564	1.2014	1.4853
Ir-195m	2.5346	2.2486	2.2389	2.4083	2.4794	2.0064	2.2439	2.9553
Ir-196	0.7220	0.6407	0.6309	0.6340	0.7447	0.6601	0.6903	1.0147
Ir-196m	9.1310	8.1444	8.0235	8.2037	9.2934	8.1659	8.7764	12.4676
K-38	1.3250	1.0845	1.1917	1.1607	1.4459	1.3353	1.3325	2.6259
K-40	0.1531	0.1307	0.1399	0.1383	0.1691	0.1518	0.1639	0.2897
K-42	0.2548	0.2179	0.2328	0.2297	0.2861	0.2579	0.2790	0.4902
K-43	3.2301	2.8973	2.8280	2.8564	3.3504	3.0051	3.1806	4.6204
K-44	2.1209	1.8305	1.9391	1.8468	2.3408	2.1845	2.2738	4.0582
K-45	2.6385	2.3465	2.4351	2.4121	2.8857	2.5484	2.5460	4.0183
K-46	2.0472	1.7577	1.8650	1.7962	2.3011	2.1029	2.1603	4.0908
Kr-74	2.4688	2.2719	2.2844	2.4192	2.4954	1.9738	2.1587	2.6720
Kr-75	2.1082	2.0146	1.9562	2.0334	2.2004	1.8051	1.9953	2.3270
Kr-76	3.2487	2.8043	2.9021	3.0732	3.0892	2.4602	2.7614	3.2765
Kr-77	2.2197	2.1673	2.0636	2.1660	2.3236	1.8869	2.1574	2.3344
Kr-79	1.4638	1.2266	1.3308	1.4323	1.3217	1.0206	1.2303	1.4152
Kr-81	0.7506	0.5893	0.7067	0.8004	0.5744	0.3679	0.5532	0.4878
Kr-81m	1.3575	1.2640	1.3209	1.3535	1.4217	1.1672	1.2043	1.3886
Kr-83m	0.3403	0.2631	0.3197	0.3646	0.2540	0.1619	0.2526	0.2263
Kr-85	0.0072	0.0065	0.0064	0.0065	0.0074	0.0066	0.0074	0.0104
Kr-85m	1.5522	1.4409	1.3944	1.4274	1.6316	1.3518	1.2983	1.6002
Kr-87	1.2944	1.1339	1.1350	1.1231	1.3551	1.2150	1.2462	1.9466
Kr-88	2.0682	1.8082	1.9197	1.8898	2.2496	2.0078	2.0772	3.4035
Kr-89	2.6041	2.3018	2.3745	2.3335	2.8078	2.5593	2.7248	4.3363
La-128	5.1096	4.5379	4.5502	4.5534	5.3342	4.7655	5.1499	7.4108
La-129	2.1216	1.9398	1.9364	1.9822	2.1286	1.7928	2.0464	2.3959
La-130	3.6963	3.2914	3.2913	3.2851	3.8207	3.4215	3.7058	5.3425
La-131	2.7289	2.5175	2.5205	2.5769	2.7029	2.2737	2.6463	3.0280
La-132	3.2962	2.9523	2.9903	2.9989	3.3751	3.0302	3.4213	4.8103
La-132m	2.8721	2.6716	2.6521	2.7048	2.9116	2.5059	2.9251	3.5246
La-133	1.1589	1.0492	1.1099	1.1608	1.0199	0.8288	1.1820	1.0565
La-134	0.4314	0.4024	0.4155	0.4250	0.4006	0.3403	0.4661	0.4531
La-135	0.8902	0.8402	0.8738	0.8998	0.7864	0.6444	0.9571	0.7431
La-136	0.6045	0.5693	0.5928	0.6067	0.5406	0.4488	0.6535	0.5410
La-137	0.8325	0.7861	0.8199	0.8454	0.7297	0.5949	0.8956	0.6760
La-138	1.8769	1.6735	1.7532	1.7198	1.9729	1.7881	2.0448	3.0924
La-140	3.2326	2.8274	2.9169	2.8926	3.4771	3.1521	3.4227	5.4504
La-141	0.0265	0.0230	0.0241	0.0234	0.0297	0.0271	0.0280	0.0514
La-142	2.1947	1.9058	1.9922	1.9411	2.3994	2.2322	2.3679	4.1035

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.3198	0.2811	0.2910	0.2826	0.3475	0.3246	0.3461	0.5835
Lu-165	3.8524	3.5250	3.5614	3.7279	3.8463	3.2521	3.6355	4.4470
Lu-167	4.3356	3.8497	3.9910	4.1311	4.3103	3.7126	4.1719	5.5306
Lu-169m	0.3259	0.2266	0.3002	0.3582	0.2072	0.1284	0.2500	0.2565
Lu-169	3.9054	3.5060	3.6375	3.7413	3.9194	3.4132	3.7815	5.0244
Lu-170	3.7689	3.3004	3.4759	3.5308	3.8514	3.3956	3.7225	5.6195
Lu-171m	0.3480	0.2436	0.3204	0.3818	0.2235	0.1396	0.2677	0.2755
Lu-171	3.7648	3.3365	3.4972	3.7091	3.5384	3.0003	3.5657	4.3532
Lu-172	5.4612	4.8775	5.0626	5.1176	5.5166	4.8927	5.4202	7.5568
Lu-172m	0.2931	0.2037	0.2700	0.3221	0.1863	0.1154	0.2248	0.2307
Lu-173	2.9639	2.6933	2.7397	2.9579	2.8018	2.2854	2.6044	2.7823
Lu-174	1.4874	1.3219	1.3848	1.5163	1.3420	1.0832	1.3079	1.3881
Lu-174m	1.8762	1.5843	1.7271	1.9488	1.5849	1.2087	1.6039	1.6788
Lu-176	3.9441	3.5414	3.5932	3.7821	3.9718	3.2519	3.4805	4.2877
Lu-176m	0.4200	0.3597	0.3875	0.4385	0.3626	0.2623	0.3393	0.4009
Lu-177	0.4105	0.3812	0.3915	0.4131	0.4180	0.3389	0.3767	0.4356
Lu-177m	8.4646	7.7094	7.7038	8.0957	8.5751	7.0995	7.6302	9.2093
Lu-178	0.3943	0.3432	0.3649	0.3900	0.3808	0.3055	0.3508	0.4980
Lu-178m	7.1947	6.5253	6.4643	6.7695	7.2871	5.9875	6.3046	8.2339
Lu-179	0.2366	0.2203	0.2256	0.2315	0.2521	0.2116	0.2230	0.2635
Lu-180	3.5037	3.1057	3.1735	3.1982	3.6436	3.1801	3.3746	5.0526
Lu-181	2.8827	2.5500	2.6410	2.7757	2.8154	2.3927	2.7433	3.5795
Mg-27	1.5173	1.3579	1.4158	1.3090	1.6418	1.6048	1.7320	2.7944
Mg-28	2.6838	2.4329	2.4810	2.4168	2.7870	2.5296	2.8686	4.0541
Mn-50m	4.8844	4.3290	4.4984	4.2718	5.3638	5.0710	5.3866	9.1499
Mn-51	0.0154	0.0122	0.0142	0.0152	0.0133	0.0110	0.0144	0.0204
Mn-52	4.5845	4.0293	4.2296	4.0583	4.9348	4.6454	5.0531	8.3468
Mn-52m	1.3897	1.1997	1.2674	1.2391	1.5595	1.4110	1.4906	2.6757
Mn-53	0.2634	0.1830	0.2426	0.2895	0.1673	0.1036	0.2021	0.2074
Mn-54	1.7779	1.5453	1.6527	1.6005	1.8037	1.7042	1.9263	3.0193
Mn-56	2.0820	1.8288	1.9238	1.8126	2.2567	2.1727	2.3126	3.9306
Mn-57	0.8857	0.7569	0.8259	0.9039	0.7805	0.5934	0.7897	0.8737
Mn-58m	3.3378	2.9578	3.0556	2.9231	3.6363	3.4172	3.6180	6.1142
Mo-101	2.7144	2.4194	2.4984	2.4777	2.8746	2.5972	2.8082	4.3042
Mo-102	0.1680	0.1580	0.1576	0.1607	0.1800	0.1501	0.1527	0.1800
Mo-89	0.3382	0.3014	0.3117	0.3011	0.3653	0.3377	0.3623	0.5841
Mo-90	4.2682	3.9676	3.9468	4.0742	4.4001	3.5089	3.8980	4.1317
Mo-91m	1.4454	1.2921	1.3201	1.2992	1.5707	1.4465	1.5698	2.5406
Mo-91	0.0690	0.0632	0.0669	0.0687	0.0681	0.0501	0.0585	0.0512
Mo-93	0.8696	0.8104	0.8539	0.8852	0.8309	0.5748	0.6901	0.4049

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	4.2269	3.7459	3.8237	3.8131	4.5395	4.0481	4.3675	6.6327
Mo-99	0.5057	0.4696	0.4715	0.4653	0.5394	0.4820	0.5135	0.7134
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.8586	0.7094	0.8365	0.7692	1.0016	0.9052	0.9636	1.9852
Na-22	1.3924	1.2234	1.2667	1.2142	1.5694	1.4307	1.4442	2.7082
Na-24	2.6577	2.2503	2.4130	2.3314	3.0089	2.7273	2.8107	5.3367
Nb-87	2.6800	2.5645	2.6347	2.6961	2.8308	2.2874	2.4674	2.5843
Nb-88m	5.5852	4.9543	5.0630	4.8871	5.9561	5.5369	5.9082	9.2573
Nb-88	7.0588	6.3391	6.4430	6.3017	7.4585	6.7373	7.2813	10.8240
Nb-89	0.6665	0.5841	0.6222	0.6181	0.7018	0.5950	0.6467	0.9617
Nb-89m	1.6532	1.4929	1.4889	1.5197	1.6916	1.4878	1.6665	2.2510
Nb-90	4.7124	4.2135	4.3568	4.2990	5.0621	4.4152	4.6465	7.0611
Nb-91	0.8906	0.8225	0.8726	0.9088	0.8377	0.5671	0.6793	0.3941
Nb-91m	0.7761	0.7210	0.7599	0.7860	0.7455	0.5235	0.6228	0.4091
Nb-92	3.9757	3.5934	3.6905	3.6314	4.1205	3.6854	4.1081	5.6490
Nb-92m	2.4238	2.1870	2.3073	2.2262	2.4960	2.1920	2.4436	3.2061
Nb-93m	0.1734	0.1573	0.1692	0.1780	0.1599	0.1098	0.1372	0.0866
Nb-94m	0.6034	0.5604	0.5917	0.6135	0.5752	0.4000	0.4814	0.2941
Nb-94	3.0158	2.7228	2.7841	2.6414	3.2491	3.1443	3.4176	5.4727
Nb-95	1.5231	1.3789	1.4077	1.3323	1.6419	1.5934	1.7203	2.7989
Nb-95m	1.0473	0.9607	0.9951	1.0270	1.0491	0.7957	0.8872	0.7764
Nb-96	4.8998	4.4000	4.4727	4.3141	5.2441	4.9418	5.3242	8.4062
Nb-97	1.5475	1.4111	1.4026	1.3895	1.6572	1.5682	1.7303	2.6939
Nb-98m	4.6991	4.2030	4.3103	4.1300	5.0779	4.8205	5.1634	8.4572
Nb-99	2.5867	2.5349	2.4710	2.5502	2.7431	2.1608	2.3167	2.5071
Nb-99m	1.0407	0.9222	0.9491	0.9422	1.1142	0.9797	1.0267	1.5991
Nd-134	2.8785	2.6669	2.6814	2.7287	2.9472	2.4214	2.5913	3.0194
Nd-135	3.4231	3.1549	3.2293	3.2995	3.4927	2.9094	3.2888	3.9226
Nd-136	2.4601	2.3216	2.3771	2.4427	2.4415	1.9247	2.3504	2.5277
Nd-137	2.9401	2.7036	2.7362	2.7731	2.9861	2.5270	2.9456	3.8201
Nd-138	0.9798	0.9200	0.9559	0.9861	0.9255	0.7089	0.9539	0.8663
Nd-139	1.0390	0.9625	0.9920	1.0069	1.0170	0.8304	1.0345	1.1455
Nd-139m	4.4938	4.1539	4.2475	4.1844	4.6782	4.1391	4.7266	6.4612
Nd-140	0.8722	0.8214	0.8589	0.8864	0.8153	0.6177	0.8557	0.7485
Nd-141	0.8956	0.8428	0.8803	0.9059	0.8432	0.6443	0.8816	0.7958
Nd-141m	1.4706	1.3346	1.3614	1.2997	1.5748	1.5095	1.6468	2.6198
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2528	1.1875	1.1917	1.2335	1.2753	0.9906	1.1234	1.3794
Nd-149	2.4758	2.2920	2.2924	2.3513	2.5824	2.1407	2.3098	2.8390
Nd-151	2.8117	2.6140	2.6009	2.6136	2.9896	2.5698	2.7792	3.7939

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	1.2024	1.0491	1.0580	1.1038	1.2047	0.9803	1.0566	1.2444
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003
Ne-24	1.7899	1.6041	1.5793	1.6001	1.8374	1.6460	1.7913	2.5265
Ni-56	5.6068	4.9602	5.0676	5.0726	5.7704	5.1207	5.3466	7.7718
Ni-57	1.8962	1.6356	1.7393	1.7634	1.9869	1.7360	1.9387	3.1743
Ni-59	0.4567	0.3173	0.4206	0.5019	0.2900	0.1797	0.3504	0.3597
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6524	0.5677	0.5936	0.5747	0.7189	0.6584	0.6973	1.1893
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.3971	4.8583	5.0170	5.1021	5.4531	4.5102	4.8796	6.4421
Np-233	1.8199	1.6930	1.7701	1.8568	1.8143	1.3390	1.4440	1.6704
Np-234	3.0332	2.7195	2.8867	2.9728	3.0828	2.4643	2.7303	3.6964
Np-235	0.6734	0.5616	0.6437	0.7080	0.5571	0.3728	0.5228	0.4136
Np-236	4.0212	3.6207	3.8571	4.0779	3.8294	2.8084	3.1769	3.2178
Np-236m	1.0293	0.9510	1.0015	1.0534	1.0126	0.7438	0.8203	0.9194
Np-237	1.4157	1.2617	1.3605	1.4640	1.2684	0.8947	1.1524	1.0389
Np-238	1.4547	1.2773	1.3785	1.3527	1.4548	1.2776	1.4771	1.9540
Np-239	2.8746	2.6245	2.7440	2.8848	2.8377	2.1574	2.4110	2.6574
Np-240	4.4705	4.0136	4.1963	4.2748	4.4613	3.7270	4.2226	5.2753
Np-240m	1.2771	1.1319	1.1815	1.2220	1.2536	1.0485	1.2287	1.5282
Np-241	0.7074	0.6576	0.6860	0.7175	0.7043	0.5320	0.5902	0.6433
Np-242	0.4316	0.3796	0.4004	0.3940	0.4512	0.4076	0.4497	0.6951
Np-242m	3.8144	3.3918	3.5869	3.6258	3.7764	3.1677	3.5864	4.4833
O-14	1.3059	1.0702	1.1742	1.1437	1.4545	1.3235	1.3231	2.5912
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.4122	2.2438	2.3342	2.3311	2.6636	2.3066	2.3703	3.3351
Os-180	2.1097	1.8177	1.8749	2.1435	1.8962	1.4384	1.8455	2.1643
Os-181	5.0354	4.4702	4.5188	4.7845	5.0572	4.2625	4.8244	6.5885
Os-182	3.4617	3.0636	3.0997	3.3857	3.3389	2.7118	3.1537	3.9347
Os-183	4.7978	4.2901	4.1997	4.5813	4.6941	3.8093	4.2869	5.5274
Os-183m	2.6762	2.3574	2.4064	2.5185	2.6899	2.3176	2.6471	3.8511
Os-185	2.7491	2.4612	2.4504	2.6192	2.7467	2.3775	2.7607	3.9000
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.4241	0.2965	0.3911	0.4655	0.2720	0.1688	0.3248	0.3312
Os-190m	6.8553	6.1022	6.1421	6.3715	6.9081	5.9815	6.5727	8.9670
Os-191	1.9909	1.7543	1.7847	2.0484	1.8005	1.3288	1.7543	2.0115
Os-191m	0.5426	0.4075	0.4916	0.5831	0.3919	0.2606	0.4308	0.4672
Os-193	0.6474	0.5710	0.5733	0.6359	0.6111	0.4761	0.5674	0.7136
Os-194	0.4215	0.3147	0.3936	0.4559	0.2979	0.1943	0.3301	0.3280
Os-196	0.6395	0.5836	0.5653	0.6155	0.6390	0.5155	0.5893	0.7434

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0010	0.0008	0.0009	0.0009	0.0011	0.0010	0.0010	0.0020
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.7351	0.6578	0.6944	0.7580	0.6792	0.4801	0.5815	0.6006
Pa-228	5.5865	5.0062	5.2245	5.3674	5.5493	4.5167	5.0288	6.5592
Pa-229	1.6028	1.4770	1.5463	1.6485	1.5515	1.1088	1.2364	1.4184
Pa-230	3.1667	2.8597	2.9946	3.0740	3.1377	2.5264	2.8234	3.6379
Pa-231	1.3648	1.1478	1.2849	1.4044	1.1527	0.8096	1.0976	0.9891
Pa-232	2.9535	2.6297	2.7492	2.7435	2.9740	2.5862	2.8966	3.8733
Pa-233	2.4854	2.2125	2.2839	2.4145	2.4036	1.8329	2.0193	2.3157
Pa-234	5.5851	5.0461	5.2515	5.3261	5.6522	4.7466	5.2994	6.8948
Pa-234m	0.0447	0.0399	0.0422	0.0420	0.0455	0.0392	0.0436	0.0602
Pa-235	0.1540	0.1072	0.1419	0.1692	0.0981	0.0608	0.1181	0.1210
Pa-236	2.0558	1.8207	1.9029	1.9335	2.0915	1.8088	2.0306	2.8973
Pa-237	1.4389	1.2754	1.3198	1.2961	1.4845	1.3765	1.5336	2.3161
Pb-194	4.1475	3.7705	3.7647	4.0103	4.1725	3.3664	3.7830	5.3316
Pb-195m	6.3041	5.5960	5.6031	5.8378	6.2226	5.2160	5.7550	8.1050
Pb-196	3.8118	3.4587	3.4090	3.7019	3.7542	2.9197	3.3031	4.3265
Pb-197	4.0090	3.5902	3.5810	3.7244	4.0581	3.3921	3.6963	5.5521
Pb-197m	5.4151	4.8424	4.8382	5.0891	5.3552	4.3969	4.8571	6.7040
Pb-198	3.6843	3.3263	3.2686	3.5440	3.6113	2.7995	3.0996	4.0819
Pb-199	3.3717	3.0266	2.9998	3.1773	3.3718	2.7385	3.0213	4.3958
Pb-200	3.1629	2.8917	2.8502	3.1512	3.0464	2.2584	2.5919	3.2487
Pb-201	3.9185	3.5184	3.4458	3.6747	3.8806	3.1184	3.4184	4.7522
Pb-201m	1.4451	1.3231	1.3074	1.3842	1.4585	1.2271	1.4053	2.0425
Pb-202	0.4228	0.3022	0.3914	0.4618	0.2806	0.1752	0.3215	0.3198
Pb-202m	5.0597	4.5193	4.5744	4.4989	5.2444	4.7937	5.2027	7.7804
Pb-203	3.1618	2.8327	2.7737	3.0355	3.0914	2.3542	2.6233	3.3637
Pb-204m	4.5979	4.0954	4.1633	3.9971	4.8361	4.5056	4.7995	7.3594
Pb-205	0.4279	0.3059	0.3962	0.4673	0.2840	0.1774	0.3253	0.3236
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.4831	0.3791	0.4556	0.5159	0.3663	0.2419	0.3686	0.3331
Pb-211	0.1935	0.1736	0.1728	0.1718	0.1993	0.1786	0.1899	0.2831
Pb-212	1.5194	1.3848	1.3726	1.4736	1.5255	1.1679	1.2750	1.5889
Pb-214	1.7276	1.5352	1.5091	1.5992	1.7084	1.3663	1.4590	1.9119
Pd-100	2.8990	2.8764	2.7551	2.9204	3.0021	2.2424	2.6168	2.7298
Pd-101	2.3146	2.1504	2.1846	2.2327	2.3546	1.9254	2.2813	2.2455
Pd-103	0.7867	0.7508	0.7758	0.7961	0.7888	0.6140	0.7811	0.5618
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2354	1.1743	1.2062	1.2224	1.3120	1.0943	1.1615	1.2750

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.4528	0.4308	0.4440	0.4593	0.4314	0.3404	0.4619	0.4116
Pd-111	0.1119	0.1017	0.1008	0.1015	0.1185	0.1060	0.1162	0.1733
Pd-112	0.3543	0.3289	0.3473	0.3614	0.3417	0.2483	0.3088	0.2031
Pd-114	0.2188	0.2084	0.2018	0.2090	0.2317	0.1920	0.2143	0.2400
Pd-96	3.5157	3.3352	3.2991	3.3032	3.7427	3.2969	3.7943	4.8840
Pd-97	3.2394	2.8551	2.9172	2.9071	3.4305	3.0322	3.2518	4.7204
Pd-98	2.7661	2.6719	2.6636	2.7183	2.9282	2.3959	2.6998	3.0370
Pd-99	2.8510	2.6858	2.6379	2.6801	3.0234	2.5719	2.8600	3.4996
Pm-136	4.9118	4.3978	4.3792	4.3164	5.1330	4.6904	4.9972	7.4630
Pm-137m	5.1571	4.7390	4.7629	4.8323	5.3640	4.5266	4.8893	6.3374
Pm-139	0.9031	0.8198	0.8292	0.8380	0.9100	0.7667	0.8656	1.1171
Pm-140m	5.1249	4.5895	4.6781	4.4979	5.3988	5.0216	5.4209	8.2258
Pm-140	0.3442	0.3124	0.3214	0.3170	0.3581	0.3165	0.3562	0.5066
Pm-141	0.7060	0.6492	0.6794	0.6858	0.7086	0.5776	0.7008	0.8486
Pm-142	0.2708	0.2499	0.2624	0.2687	0.2671	0.2102	0.2678	0.2975
Pm-143	1.4789	1.3704	1.4180	1.4233	1.4777	1.2416	1.5123	1.8420
Pm-144	4.7553	4.3482	4.3615	4.3755	4.9397	4.4577	5.0662	7.1962
Pm-145	0.9264	0.8679	0.9072	0.9430	0.8757	0.6516	0.8766	0.8123
Pm-146	2.5939	2.3582	2.3732	2.3735	2.6538	2.3485	2.6445	3.6320
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8802	0.7806	0.8006	0.7862	0.9507	0.8786	0.9580	1.5349
Pm-148m	5.2745	4.7693	4.7467	4.7373	5.5518	5.1083	5.6086	8.3406
Pm-149	0.0674	0.0587	0.0582	0.0604	0.0682	0.0568	0.0598	0.0765
Pm-150	2.8487	2.5065	2.5174	2.4877	3.0133	2.7020	2.8008	4.3981
Pm-151	1.9770	1.7993	1.7930	1.8344	2.0380	1.6952	1.7860	2.3032
Pm-152m	4.5764	4.1509	4.1650	4.1995	4.8333	4.1437	4.5001	6.0801
Pm-152	0.7851	0.7362	0.7393	0.7373	0.8327	0.7256	0.8249	1.1145
Pm-153	1.0860	1.0526	1.0395	1.0888	1.0986	0.8645	1.0520	1.1111
Pm-154	2.3845	2.1071	2.2089	2.1608	2.5368	2.2721	2.4415	3.9725
Pm-154m	4.2001	3.7945	3.8660	3.8936	4.4482	3.8299	4.0897	5.9757
Po-203	4.3288	3.9294	4.0040	4.0997	4.4217	3.7047	4.0976	6.0534
Po-204	6.1605	5.5513	5.6167	5.9962	5.9944	4.7142	5.4381	7.3516
Po-205	4.1431	3.7648	3.8224	3.8985	4.2372	3.5876	3.9913	6.0049
Po-206	5.1898	4.6335	4.7049	4.9523	5.0812	4.1139	4.6775	6.4307
Po-207	3.7774	3.4367	3.4705	3.5410	3.8449	3.2505	3.6142	5.3540
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0504	0.0409	0.0458	0.0508	0.0427	0.0320	0.0425	0.0525
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0176	0.0159	0.0161	0.0157	0.0187	0.0177	0.0194	0.0298
Po-212m	0.0662	0.0572	0.0594	0.0590	0.0725	0.0656	0.0696	0.1189

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Po-215	0.0007	0.0006	0.0006	0.0006	0.0007	0.0006	0.0007	0.0009
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.6964	6.0117	6.0009	5.9664	6.9872	6.2848	6.7114	9.7272
Pr-134m	3.0423	2.6928	2.7089	2.6922	3.1524	2.8264	3.0057	4.4675
Pr-135	2.1360	1.9747	1.9858	2.0436	2.1325	1.7453	2.0514	2.3880
Pr-136	3.3566	3.0181	3.0489	3.0601	3.4895	3.1489	3.5461	5.1200
Pr-137	0.8350	0.7790	0.8081	0.8246	0.7930	0.6402	0.8479	0.8382
Pr-138	0.2837	0.2647	0.2754	0.2794	0.2715	0.2227	0.2940	0.3044
Pr-138m	5.5277	4.9489	5.0508	4.9157	5.7587	5.2377	5.7512	8.3068
Pr-139	0.8264	0.7787	0.8124	0.8363	0.7639	0.5938	0.8372	0.7189
Pr-140	0.4403	0.4150	0.4329	0.4458	0.4068	0.3161	0.4463	0.3818
Pr-142	0.0506	0.0430	0.0464	0.0460	0.0569	0.0512	0.0563	0.0979
Pr-142m	0.0207	0.0144	0.0191	0.0228	0.0132	0.0082	0.0159	0.0163
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0340	0.0299	0.0309	0.0301	0.0368	0.0346	0.0369	0.0628
Pr-144m	0.4247	0.3802	0.4129	0.4378	0.3736	0.2767	0.4000	0.3615
Pr-145	0.0459	0.0420	0.0426	0.0418	0.0482	0.0435	0.0487	0.0715
Pr-146	1.6809	1.4853	1.5050	1.4913	1.7848	1.6230	1.7366	2.7316
Pr-147	2.5601	2.3849	2.3916	2.4619	2.5756	2.0924	2.4505	2.9871
Pr-148	2.1679	1.9037	1.9037	1.9054	2.2805	2.0138	2.0964	3.1555
Pr-148m	3.3600	2.9752	2.9187	2.9683	3.4686	3.0270	3.1773	4.4655
Pt-184	6.8083	6.0805	6.0649	6.6981	6.5913	5.1957	6.0025	7.7111
Pt-186	3.5011	3.1361	3.1086	3.3763	3.4608	2.8707	3.3359	4.6189
Pt-187	4.1803	3.7342	3.7168	4.1077	4.0635	3.2080	3.7462	4.9157
Pt-188	2.8967	2.5811	2.5955	2.9082	2.7657	2.1312	2.5190	3.1206
Pt-189	3.8642	3.4338	3.4142	3.8181	3.7060	2.9004	3.4558	4.5387
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.4138	3.0410	2.9851	3.3870	3.2454	2.4885	2.9811	3.8338
Pt-193	0.4510	0.3201	0.4170	0.4933	0.2961	0.1846	0.3436	0.3446
Pt-193m	0.7067	0.5501	0.6402	0.7542	0.5346	0.3569	0.5585	0.6195
Pt-195m	2.3889	2.0249	2.1530	2.4898	2.0514	1.4454	1.9463	2.3168
Pt-197	0.6854	0.5889	0.6294	0.7183	0.5866	0.4003	0.5355	0.6440
Pt-197m	1.6547	1.3837	1.4704	1.6921	1.4170	1.0172	1.3488	1.6065
Pt-199	0.8486	0.7600	0.7608	0.7909	0.8587	0.7357	0.8126	1.1096
Pt-200	1.1621	1.0234	1.0489	1.1860	1.0552	0.7616	0.9525	1.1591
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.3525	1.2627	1.3219	1.3833	1.3519	1.0027	1.0908	1.2306
Pu-234	1.5475	1.4367	1.5107	1.5849	1.5327	1.1320	1.2463	1.3821
Pu-235	2.0824	1.9211	2.0299	2.1335	2.0398	1.5056	1.6834	1.8237
Pu-236	0.2071	0.1770	0.1991	0.2163	0.1772	0.1199	0.1623	0.1213
Pu-237	1.4726	1.3367	1.4266	1.5155	1.4039	1.0208	1.1855	1.2206
Pu-238	0.1912	0.1632	0.1837	0.1997	0.1634	0.1105	0.1496	0.1119
Pu-239	0.1113	0.0903	0.1058	0.1179	0.0886	0.0589	0.0867	0.0716
Pu-240	0.1798	0.1536	0.1728	0.1878	0.1538	0.1040	0.1408	0.1052
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1542	0.1317	0.1482	0.1611	0.1319	0.0892	0.1208	0.0904
Pu-243	0.5549	0.5289	0.5229	0.5667	0.5433	0.3812	0.4360	0.5223
Pu-244	0.1596	0.1375	0.1516	0.1619	0.1432	0.1044	0.1325	0.1248
Pu-245	1.8462	1.6761	1.6823	1.7154	1.8900	1.5900	1.7120	2.2561
Pu-246	2.3380	2.1779	2.2594	2.3512	2.3412	1.8101	2.0438	2.1342
Ra-219	1.2136	1.0881	1.0613	1.1233	1.2110	0.9578	0.9996	1.3292
Ra-220	0.0173	0.0155	0.0152	0.0155	0.0177	0.0156	0.0169	0.0234
Ra-221	0.8338	0.7393	0.7810	0.8439	0.7722	0.5634	0.6538	0.7177
Ra-222	0.0527	0.0463	0.0446	0.0465	0.0531	0.0440	0.0446	0.0599
Ra-223	1.8052	1.6494	1.6548	1.7838	1.7574	1.3008	1.4330	1.8094
Ra-224	0.0845	0.0750	0.0758	0.0788	0.0872	0.0707	0.0744	0.0882
Ra-225	0.5510	0.5031	0.5383	0.5648	0.5206	0.3609	0.4659	0.4239
Ra-226	1.2575	1.1307	1.2659	1.2897	1.3584	1.3699	1.4132	1.3799
Ra-227	1.8205	1.5837	1.6879	1.8053	1.6600	1.2545	1.5406	1.6279
Ra-228	1.2636	1.1415	1.2623	1.2830	1.3538	1.3592	1.3992	1.3738
Ra-230	0.9034	0.8263	0.8384	0.8999	0.8876	0.6746	0.7536	0.9210
Rb-77	2.1520	1.9992	1.9203	2.0049	2.2845	1.9379	2.0473	2.8760
Rb-78m	3.8742	3.4413	3.4903	3.4520	4.1163	3.7537	3.9968	6.3284
Rb-78	2.8844	2.5007	2.5887	2.5557	3.0743	2.7881	2.9603	4.9381
Rb-79	2.8251	2.5863	2.5847	2.6447	2.9129	2.4769	2.6370	3.4221
Rb-80	0.4626	0.4208	0.4174	0.4195	0.4904	0.4564	0.5071	0.7715
Rb-81	1.2350	1.0722	1.1256	1.1821	1.1678	0.9384	1.0836	1.3088
Rb-81m	0.6338	0.5630	0.6084	0.6533	0.5752	0.3871	0.4655	0.3898
Rb-82	0.2789	0.2494	0.2590	0.2494	0.2932	0.2755	0.3012	0.4745
Rb-82m	5.6108	5.0075	5.1531	5.0631	5.8971	5.4278	5.9650	9.1673
Rb-83	2.2281	1.9550	2.0299	2.1308	2.1498	1.7879	2.0924	2.6457
Rb-84	1.5502	1.3557	1.4565	1.4301	1.5521	1.3835	1.5653	2.2356
Rb-84m	2.4040	2.1409	2.1623	2.2284	2.4769	2.0578	2.1817	2.6341
Rb-86m	1.5978	1.4465	1.4280	1.4518	1.6656	1.5185	1.6941	2.4538
Rb-86	0.1268	0.1119	0.1180	0.1089	0.1389	0.1336	0.1427	0.2355
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.5648	0.4824	0.5177	0.4955	0.6157	0.5806	0.6118	1.0875
Rb-89	2.4250	2.1173	2.2287	2.1032	2.6688	2.5144	2.6414	4.5541
Rb-90	1.2939	1.1207	1.1983	1.1214	1.4255	1.3608	1.4365	2.5839
Rb-90m	3.0160	2.6359	2.7804	2.6273	3.3065	3.1376	3.3275	5.7993
Re-178	3.5991	3.1668	3.2664	3.4498	3.6011	2.9993	3.3723	4.6226
Re-179	4.6279	4.0890	4.0860	4.3480	4.5875	3.8372	4.2699	5.6762
Re-180	3.6997	3.2762	3.3900	3.5218	3.6706	3.1757	3.6402	5.1263
Re-181	4.5044	3.9707	3.9633	4.2629	4.3782	3.6360	4.1114	5.4028
Re-182	8.4995	7.5924	7.6565	8.1622	8.5214	7.0015	7.7385	10.2214
Re-182m	4.1483	3.7076	3.7263	4.0030	4.1455	3.4193	3.8570	5.4558
Re-183	3.2047	2.7970	2.8776	3.2323	2.9425	2.2740	2.7352	3.1914
Re-184	3.3206	2.9610	3.0258	3.1605	3.3000	2.8572	3.2884	4.5775
Re-184m	3.1400	2.7393	2.8332	3.1013	2.9686	2.3660	2.7956	3.5004
Re-186	0.3619	0.3313	0.3271	0.3631	0.3485	0.2723	0.3301	0.3736
Re-186m	1.4238	1.0724	1.3061	1.5307	1.0291	0.6921	1.1350	1.1930
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4448	0.4003	0.3981	0.4179	0.4495	0.3725	0.3809	0.4994
Re-188m	2.0014	1.7088	1.7838	2.0652	1.7679	1.3027	1.6930	2.0228
Re-189	0.5339	0.4728	0.4888	0.5229	0.5263	0.4242	0.4766	0.5711
Re-190	4.8806	4.4186	4.4133	4.4691	5.0977	4.5050	4.7852	6.7171
Re-190m	4.1527	3.7277	3.7191	3.8861	4.1963	3.5978	3.9740	5.3880
Rh-100m	1.2257	1.1719	1.1936	1.2334	1.2256	0.9578	1.2096	0.9882
Rh-100	4.3446	3.8737	3.9831	3.9684	4.6055	4.0961	4.5006	6.6176
Rh-101	3.4265	3.3386	3.3177	3.4192	3.6297	2.9529	3.3692	3.3887
Rh-101m	2.3382	2.1080	2.0893	2.1625	2.3631	1.9125	2.0834	2.2697
Rh-102	1.5305	1.3995	1.4062	1.4313	1.5620	1.3322	1.5134	1.8077
Rh-102m	5.7742	5.2380	5.2737	5.2265	6.0547	5.4940	6.0734	8.6161
Rh-103m	0.1151	0.1019	0.1115	0.1192	0.1041	0.0779	0.1073	0.0846
Rh-104	0.0379	0.0344	0.0342	0.0347	0.0394	0.0354	0.0397	0.0555
Rh-104m	1.3238	1.2819	1.2974	1.3318	1.3288	1.0868	1.2661	1.0264
Rh-105	0.4347	0.3803	0.3650	0.3795	0.4405	0.3677	0.3707	0.4947
Rh-106	0.5508	0.4973	0.4932	0.4982	0.5759	0.5268	0.5856	0.8560
Rh-106m	5.8511	5.2366	5.2907	5.1970	6.2140	5.7447	6.2136	9.5742
Rh-107	1.6799	1.4742	1.4249	1.4730	1.7127	1.4411	1.4662	1.9484
Rh-108	1.0663	0.9565	0.9358	0.9453	1.0979	0.9854	1.0550	1.5109
Rh-109	1.8249	1.6343	1.5928	1.6409	1.8716	1.5659	1.6150	2.0606
Rh-94	3.4758	3.0609	3.1702	3.0718	3.8053	3.5092	3.7398	6.2661
Rh-95	2.4461	2.1686	2.2719	2.1660	2.6535	2.4718	2.6735	4.2546
Rh-95m	1.6183	1.4589	1.4584	1.4698	1.6929	1.5374	1.7111	2.4943
Rh-96	5.9782	5.3936	5.4862	5.3201	6.4275	6.0724	6.6174	10.4715

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.5181	1.3629	1.4240	1.3755	1.6200	1.4848	1.6435	2.4321
Rh-97	2.3271	2.0875	2.0919	2.0801	2.4070	2.1297	2.2804	3.1725
Rh-97m	3.4719	3.1271	3.2480	3.2323	3.7027	3.2303	3.4527	4.8601
Rh-98	1.7949	1.6277	1.6330	1.6188	1.9219	1.7973	1.9796	3.0716
Rh-99	3.2262	2.9944	2.9839	3.0651	3.3065	2.6969	2.9883	3.4718
Rh-99m	2.6311	2.3791	2.3668	2.4128	2.6914	2.2545	2.4466	2.9919
Rn-207	3.5079	3.1860	3.1526	3.2643	3.5479	2.9464	3.1851	4.5593
Rn-209	3.8692	3.5110	3.4961	3.6067	3.9189	3.2542	3.5140	5.1141
Rn-210	0.2812	0.2550	0.2577	0.2698	0.2796	0.2271	0.2546	0.3502
Rn-211	4.7313	4.2733	4.3367	4.3923	4.8939	4.2229	4.6147	6.9726
Rn-212	0.0008	0.0007	0.0007	0.0007	0.0008	0.0008	0.0009	0.0014
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0020	0.0018	0.0018	0.0018	0.0021	0.0019	0.0022	0.0033
Rn-219	0.3496	0.3088	0.3025	0.3137	0.3548	0.2936	0.3048	0.3953
Rn-220	1.4016	1.2955	1.4088	1.4229	1.4840	1.4861	1.5450	1.4807
Rn-222	0.0013	0.0012	0.0011	0.0012	0.0013	0.0012	0.0013	0.0018
Rn-223	1.9275	1.7080	1.7857	1.8913	1.8458	1.4664	1.7042	2.1815
Ru-103	1.6477	1.4838	1.4627	1.4973	1.6935	1.5155	1.6894	2.3494
Ru-105	2.2385	2.0305	2.0172	2.0091	2.3507	2.1294	2.3163	3.3225
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8873	0.8036	0.8157	0.8051	0.9457	0.8509	0.8972	1.3050
Ru-108	0.7315	0.6853	0.6745	0.6854	0.7760	0.6405	0.6071	0.7371
Ru-92	7.3344	6.7917	6.8488	6.9881	7.6822	6.3586	6.9296	7.8323
Ru-94	2.5477	2.3042	2.3104	2.3315	2.5816	2.1650	2.3494	2.7956
Ru-95	3.2884	2.9468	2.9635	2.9771	3.4019	2.9245	3.1435	4.1953
Ru-97	2.5531	2.3754	2.4432	2.5016	2.6578	2.1441	2.3357	2.3836
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1736	0.9663	1.0692	1.0128	1.3231	1.2223	1.2905	2.5953
S-38	1.1671	0.9596	1.0530	1.0284	1.2545	1.1712	1.1846	2.3041
Sb-111	2.5743	2.3649	2.3432	2.3473	2.6829	2.3461	2.4454	3.2902
Sb-113	2.1127	1.9139	1.9024	1.9392	2.1329	1.8807	2.1647	2.8807
Sb-114	2.3864	2.1074	2.1841	2.1093	2.6042	2.3839	2.5291	4.3189
Sb-115	2.2473	2.0530	2.0506	2.0965	2.2328	1.9701	2.3711	3.0109
Sb-116	2.1991	1.9529	2.0397	1.9704	2.3613	2.1569	2.3706	3.8952
Sb-116m	6.5043	5.9334	6.0431	5.9240	6.8231	6.1362	6.8559	9.9883
Sb-117	2.3571	2.2036	2.1990	2.2234	2.3512	1.9802	2.1792	2.4640
Sb-118	0.2782	0.2622	0.2706	0.2728	0.2602	0.2241	0.3149	0.3441
Sb-118m	6.3609	5.7263	5.8822	5.7848	6.6023	5.8279	6.6371	9.1314

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	1.0360	0.9807	1.0222	1.0511	0.9134	0.7574	1.1691	1.0746
Sb-120	0.5104	0.4873	0.5034	0.5118	0.4591	0.3885	0.5865	0.5644
Sb-120m	6.5157	6.0739	6.2409	6.1351	6.9107	6.0614	6.6823	9.4657
Sb-122m	1.7340	1.6735	1.5904	1.7289	1.6813	1.3515	1.7680	1.9166
Sb-122	1.2414	1.1261	1.1136	1.1267	1.2983	1.1909	1.3314	1.9478
Sb-124	2.8270	2.5149	2.5576	2.5444	3.0422	2.8238	3.0912	4.9712
Sb-124m	1.2556	1.1275	1.1271	1.1475	1.2961	1.1847	1.3361	1.9598
Sb-124n	0.0723	0.0502	0.0666	0.0794	0.0459	0.0285	0.0555	0.0569
Sb-125	2.0098	1.8491	1.8439	1.8687	2.0017	1.7667	2.0859	2.6064
Sb-126	6.7890	6.1375	6.1157	6.0140	7.1907	6.7287	7.2840	11.1958
Sb-126m	4.1411	3.7376	3.6995	3.6666	4.3510	4.0318	4.3467	6.5947
Sb-127	1.9575	1.7650	1.7552	1.7478	2.0511	1.8809	2.0513	3.0219
Sb-128	7.4779	6.7367	6.7381	6.6229	7.9287	7.3807	7.9651	12.2684
Sb-128m	4.8645	4.3565	4.3535	4.2675	5.1346	4.7453	5.0444	7.7599
Sb-129	2.5020	2.2330	2.2976	2.1987	2.6893	2.5499	2.7487	4.3905
Sb-130m	5.3597	4.8389	4.9846	4.7300	5.7747	5.4845	5.8495	9.2085
Sb-130	7.9073	7.1151	7.2084	7.0164	8.4010	7.7339	8.1622	12.3770
Sb-131	3.0746	2.7251	2.8148	2.6971	3.3198	3.1315	3.3634	5.4419
Sb-133	3.1530	2.7553	2.8818	2.7554	3.4505	3.2216	3.4016	5.7894
Sc-42m	4.4682	3.9181	4.0066	3.9457	4.8400	4.3651	4.5857	7.6103
Sc-43	0.4015	0.3516	0.3425	0.3506	0.4008	0.3438	0.3526	0.4859
Sc-44	1.4548	1.2810	1.3406	1.2584	1.6103	1.5125	1.5782	2.7505
Sc-44m	1.5982	1.3872	1.3713	1.4188	1.6467	1.3691	1.4119	1.7705
Sc-46	2.9575	2.6278	2.7499	2.5477	3.2293	3.1173	3.3299	5.5074
Sc-47	1.1359	1.0459	1.0206	1.0261	1.2124	1.0212	0.8859	1.1690
Sc-48	4.4964	3.9706	4.1749	3.8880	4.9397	4.7042	4.9942	8.3085
Sc-49	0.0008	0.0007	0.0007	0.0007	0.0009	0.0008	0.0009	0.0016
Sc-50	4.3028	3.7816	3.9168	3.8378	4.6757	4.2946	4.6637	7.5862
Se-70	3.0390	2.5142	2.7887	3.0476	2.5991	2.0214	2.5801	2.8688
Se-71	1.6537	1.5148	1.5162	1.4999	1.7646	1.5644	1.6206	2.3445
Se-72	1.8478	1.4841	1.7531	1.9634	1.4353	1.0180	1.5003	1.4298
Se-73	2.9551	2.6169	2.5330	2.7489	2.8923	2.3355	2.5623	3.4200
Se-73m	0.4439	0.3682	0.4010	0.4412	0.3896	0.2971	0.3738	0.4556
Se-75	3.9484	3.4582	3.5552	3.8166	3.7741	2.9860	3.4979	3.9933
Se-77m	1.2589	1.0964	1.1500	1.2098	1.2117	0.9652	0.9807	1.1812
Se-79m	0.7906	0.6222	0.7443	0.8449	0.6119	0.4043	0.5937	0.6156
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0324	0.0285	0.0282	0.0287	0.0336	0.0291	0.0305	0.0417
Se-81m	0.8490	0.6789	0.8037	0.9035	0.6772	0.4583	0.6468	0.6792
Se-83m	1.5121	1.3304	1.3737	1.3145	1.6163	1.5193	1.6161	2.5833

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	5.2943	4.6997	4.7478	4.7034	5.6033	5.0645	5.3464	8.1644
Se-84	1.7304	1.5376	1.4884	1.5004	1.7552	1.5430	1.5805	2.2216
Si-31	0.0010	0.0009	0.0009	0.0009	0.0011	0.0010	0.0010	0.0019
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6746	2.3826	2.3841	2.4210	2.7592	2.3689	2.5532	3.4565
Sm-140	1.7281	1.5976	1.6384	1.6694	1.7588	1.4226	1.6502	1.9850
Sm-141	2.3591	2.1077	2.1169	2.1258	2.4175	2.0934	2.2622	3.1859
Sm-141m	4.6676	4.2758	4.4019	4.3695	4.9237	4.3232	4.7094	6.5030
Sm-142	0.8606	0.8069	0.8463	0.8744	0.8289	0.6115	0.7981	0.7630
Sm-143	0.5641	0.5254	0.5511	0.5652	0.5508	0.4182	0.5320	0.5511
Sm-143m	1.4684	1.3327	1.3594	1.3007	1.5720	1.5005	1.6358	2.5976
Sm-145	1.7669	1.6633	1.7192	1.7908	1.7162	1.2740	1.6408	1.5938
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0021	0.0015	0.0019	0.0022	0.0014	0.0010	0.0017	0.0016
Sm-153	1.2797	1.2209	1.2541	1.2967	1.3008	0.9860	1.1040	1.2470
Sm-155	1.4388	1.3988	1.4128	1.4425	1.5450	1.2032	1.2144	1.5534
Sm-156	1.4070	1.3050	1.3313	1.3976	1.4263	1.1180	1.2049	1.4761
Sm-157	2.2561	2.1201	2.1694	2.1971	2.4041	2.0312	2.1503	2.6735
Sn-106	3.9369	3.5947	3.6000	3.6175	4.0188	3.5109	3.9920	5.1373
Sn-108	3.9355	3.5888	3.5713	3.6212	3.9744	3.3996	3.7907	4.6998
Sn-109	3.2970	2.9402	3.0533	2.9881	3.4490	3.1232	3.5431	5.2911
Sn-110	2.5208	2.2677	2.2571	2.3286	2.4928	2.0681	2.4036	2.7027
Sn-111	0.7686	0.7196	0.7451	0.7504	0.7342	0.6308	0.8561	0.9411
Sn-113	0.8422	0.8047	0.8288	0.8463	0.7706	0.6387	0.9419	0.8556
Sn-113m	0.5838	0.5549	0.5759	0.5917	0.5157	0.4285	0.6611	0.6114
Sn-117m	2.2314	2.0786	2.0704	2.0954	2.2406	1.8831	2.0129	2.3136
Sn-119m	0.7090	0.6605	0.6967	0.7228	0.6169	0.5050	0.7829	0.7239
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2292	0.2094	0.2241	0.2351	0.1946	0.1563	0.2447	0.2209
Sn-123	0.0093	0.0082	0.0087	0.0080	0.0102	0.0098	0.0104	0.0173
Sn-123m	1.5468	1.4301	1.4042	1.4138	1.6301	1.3731	1.2566	1.5941
Sn-125m	1.7507	1.5358	1.4758	1.5249	1.7726	1.4956	1.5126	2.0539
Sn-125	0.4940	0.4363	0.4546	0.4272	0.5339	0.5089	0.5419	0.8856
Sn-126	1.2050	1.1700	1.1422	1.2207	1.1881	0.8973	1.0857	1.3104
Sn-127m	1.6245	1.4558	1.4411	1.4700	1.6765	1.4978	1.6569	2.3515
Sn-127	3.1906	2.8410	2.9201	2.8147	3.4237	3.1742	3.3927	5.3312
Sn-128	3.8258	3.5974	3.5695	3.6638	3.7299	3.1898	3.9995	4.6647
Sn-129	1.9815	1.7890	1.7949	1.7694	2.1300	1.9989	2.1815	3.4486

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	4.0853	3.8210	3.8250	3.8537	4.2812	3.7505	4.1454	5.5161
Sn-130m	2.4252	2.2488	2.2505	2.2413	2.5330	2.2505	2.5356	3.5427
Sr-79	1.6960	1.5807	1.5910	1.6379	1.7383	1.3632	1.4747	1.7026
Sr-80	1.7583	1.5748	1.6206	1.6797	1.7423	1.4270	1.5905	1.9378
Sr-81	2.4427	2.2535	2.2256	2.2509	2.5704	2.2011	2.2307	2.9268
Sr-82	0.6956	0.6071	0.6705	0.7212	0.6153	0.4033	0.5003	0.3532
Sr-83	2.1537	1.9057	1.9984	2.0373	2.1131	1.7306	1.9304	2.4283
Sr-85	2.2905	2.0440	2.0892	2.1736	2.2566	1.8750	2.1464	2.6553
Sr-85m	1.8283	1.6483	1.6746	1.7249	1.9105	1.5716	1.6314	1.9019
Sr-87m	1.5326	1.3577	1.3248	1.3450	1.5369	1.3141	1.3456	1.8106
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2376	1.1080	1.1424	1.0797	1.3365	1.2852	1.3946	2.2200
Sr-92	1.4560	1.2684	1.3259	1.2879	1.6260	1.4762	1.5406	2.7371
Sr-93	4.1407	3.7033	3.7708	3.6981	4.4290	4.0712	4.3510	6.7732
Sr-94	1.4476	1.2565	1.3220	1.2887	1.6225	1.4781	1.5632	2.7903
Ta-170	1.8424	1.6412	1.7161	1.8075	1.8069	1.4992	1.6920	2.1843
Ta-172	4.1117	3.6672	3.7965	3.9275	4.1773	3.5702	3.9379	5.4409
Ta-173	3.1545	2.7976	2.8704	3.1260	3.0004	2.4417	2.8325	3.4735
Ta-174	3.2617	2.9329	3.0466	3.2358	3.2367	2.6672	2.9995	3.7830
Ta-175	4.2908	3.8512	3.8922	4.1308	4.2758	3.5907	4.0348	5.2322
Ta-176	4.1216	3.6124	3.7625	3.9066	4.1830	3.6114	4.0351	5.9970
Ta-177	1.4470	1.2995	1.3150	1.4695	1.3466	1.0713	1.2911	1.4199
Ta-178	1.5161	1.3468	1.3763	1.5390	1.3998	1.1079	1.3362	1.5184
Ta-178m	8.7041	7.8663	7.8023	8.2541	8.7025	7.1288	7.6331	9.7534
Ta-179	0.7965	0.6795	0.7217	0.8228	0.6873	0.5289	0.6880	0.7391
Ta-180	1.2371	1.0994	1.1224	1.2621	1.1328	0.8905	1.0824	1.1953
Ta-182	3.5223	3.1653	3.1944	3.3263	3.6423	3.0697	3.3321	4.9533
Ta-182m	4.0627	3.5926	3.7050	4.0310	3.8609	3.0772	3.4797	4.0614
Ta-183	3.8321	3.3534	3.4402	3.7663	3.6347	2.8631	3.2909	3.9123
Ta-184	6.3346	5.5984	5.6577	5.8045	6.3967	5.5072	5.9846	8.1539
Ta-185	2.1277	1.8714	1.9400	2.1172	2.0238	1.6035	1.8215	2.1849
Ta-186	5.7778	5.2906	5.3249	5.4379	6.0366	5.2656	5.7391	7.7438
Tb-146	3.1115	2.7039	2.8681	2.8006	3.3999	3.0862	3.3663	5.5574
Tb-147m	2.0998	1.8521	1.9623	1.9536	2.2329	1.9425	2.1241	3.3400
Tb-147	3.8878	3.5381	3.6204	3.5724	4.1198	3.6644	3.9997	5.8792
Tb-148m	7.2768	6.5737	6.6322	6.4918	7.6246	7.0280	7.6150	11.3717
Tb-148	3.0592	2.7379	2.8337	2.7541	3.2365	2.9941	3.2665	5.0861
Tb-149m	3.0893	2.8169	2.8956	2.8313	3.2230	2.9473	3.2536	4.7589
Tb-149	3.7000	3.3354	3.3948	3.3934	3.8182	3.3329	3.5539	4.9499

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	7.4789	6.7837	6.7657	6.8029	7.7641	7.0060	7.6939	11.0280
Tb-150	3.5417	3.1695	3.2651	3.2593	3.7197	3.3415	3.6975	5.5854
Tb-151	4.9787	4.5285	4.5815	4.6821	5.0693	4.2652	4.6688	5.8921
Tb-151m	1.0672	0.8730	0.9990	1.0981	0.8691	0.6734	0.9156	0.9673
Tb-152m	4.5369	4.0590	4.0881	4.2210	4.5281	3.7852	4.0942	5.0300
Tb-152	3.3568	2.9864	3.0296	3.0619	3.4333	2.9525	3.1776	4.4100
Tb-153	2.9447	2.7259	2.8208	2.9093	2.9495	2.3772	2.6742	3.0600
Tb-154	3.6676	3.3065	3.4386	3.4388	3.8257	3.3275	3.6951	5.3544
Tb-155	2.8339	2.6656	2.7178	2.8328	2.8310	2.1911	2.4265	2.7592
Tb-156	5.6762	5.1562	5.3002	5.3499	5.8728	5.0483	5.5336	7.6076
Tb-156m	0.8184	0.7921	0.8114	0.8247	0.7879	0.6959	0.7478	0.6215
Tb-156n	0.2955	0.2270	0.2769	0.3178	0.2164	0.1472	0.2356	0.2412
Tb-157	0.3101	0.2460	0.2935	0.3306	0.2377	0.1657	0.2544	0.2512
Tb-158	2.7575	2.5065	2.6286	2.6241	2.7779	2.3915	2.7160	3.5922
Tb-160	2.6613	2.3800	2.4516	2.4115	2.7810	2.4879	2.6737	3.9662
Tb-161	1.1200	1.0139	1.0729	1.1524	0.9904	0.7774	1.0313	1.0199
Tb-162	3.6285	3.2353	3.2934	3.2764	3.7885	3.3517	3.5749	5.0060
Tb-163	3.2914	2.9315	2.8670	2.9318	3.3474	2.9147	3.0821	4.2358
Tb-164	5.8736	5.2891	5.3744	5.3588	6.1939	5.5621	5.9516	8.8373
Tb-165	1.3028	1.1384	1.1963	1.1916	1.3721	1.2294	1.3296	2.1215
Tc-101	1.8239	1.6077	1.5526	1.6098	1.8640	1.5649	1.6016	2.1148
Tc-102m	3.9095	3.4574	3.5102	3.4821	4.1594	3.8091	4.1016	6.4796
Tc-102	0.1888	0.1687	0.1683	0.1683	0.1972	0.1792	0.1944	0.2885
Tc-104	3.8037	3.3362	3.3551	3.3462	4.0050	3.5795	3.7380	5.7988
Tc-105	2.9074	2.6677	2.6357	2.6767	3.0616	2.6110	2.7361	3.6802
Tc-91	1.3180	1.1312	1.2037	1.1735	1.4496	1.3180	1.3966	2.4177
Tc-91m	1.0922	0.9791	0.9792	0.9918	1.1366	1.0187	1.1298	1.6258
Tc-92	6.1670	5.5469	5.5609	5.5500	6.5846	5.7899	6.0495	9.0335
Tc-93	2.1814	1.9439	2.0458	2.0383	2.3358	1.9710	2.1551	3.1269
Tc-93m	1.7198	1.5217	1.5344	1.5378	1.7725	1.5186	1.5933	2.2178
Tc-94	5.5558	5.0336	5.1852	4.9631	5.9039	5.5238	6.0584	9.0779
Tc-94m	1.9847	1.7743	1.8587	1.7577	2.1250	1.9956	2.1704	3.3583
Tc-95	2.4061	2.2049	2.2760	2.2277	2.5014	2.2081	2.4628	3.2651
Tc-95m	3.1029	2.8841	2.9779	2.9845	3.2545	2.7726	3.0417	3.6759
Tc-96	5.4723	4.9576	5.1223	4.8785	5.8142	5.4335	5.9216	8.9234
Tc-96m	0.5098	0.4739	0.4961	0.5088	0.5033	0.3842	0.4636	0.3800
Tc-97	0.8327	0.7803	0.8184	0.8465	0.8078	0.5754	0.6972	0.4289
Tc-97m	0.6214	0.5842	0.6109	0.6314	0.6089	0.4461	0.5485	0.3597
Tc-98	3.1091	2.8283	2.8384	2.7652	3.3373	3.1888	3.4902	5.5252
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.5135	1.4845	1.4043	1.4519	1.6176	1.3287	1.4252	1.5660
Te-113	1.6514	1.4557	1.5185	1.4556	1.7857	1.6707	1.7963	2.9793
Te-114	3.0970	2.8359	2.9031	2.9213	3.0977	2.7071	3.2506	4.2430
Te-115	2.6210	2.3448	2.4109	2.3591	2.8011	2.5549	2.8037	4.3569
Te-115m	2.9621	2.6376	2.7360	2.6489	3.1558	2.9346	3.2467	5.1588
Te-116	1.8915	1.8205	1.8544	1.9001	1.7895	1.4611	1.9666	2.0407
Te-117	2.3173	2.0973	2.1683	2.1218	2.3933	2.2141	2.5934	3.7715
Te-118	0.8030	0.7680	0.7942	0.8120	0.7090	0.5945	0.9181	0.8137
Te-119	2.3788	2.2013	2.2213	2.2291	2.3982	2.1874	2.6756	3.5610
Te-119m	4.0398	3.6782	3.7247	3.6849	4.2009	3.6938	4.0261	5.5428
Te-121	2.4388	2.2523	2.2587	2.2994	2.4139	2.1519	2.6634	3.3361
Te-121m	2.0533	1.9233	1.9944	2.0338	2.0894	1.7569	2.0495	2.2287
Te-123	0.0640	0.0448	0.0591	0.0702	0.0410	0.0257	0.0496	0.0507
Te-123m	1.9717	1.8248	1.8193	1.8453	1.9868	1.6658	1.7250	1.9842
Te-125m	1.3739	1.3071	1.3566	1.3918	1.2077	1.0049	1.5434	1.3145
Te-127	0.0222	0.0200	0.0195	0.0197	0.0225	0.0197	0.0207	0.0278
Te-127m	0.4555	0.4251	0.4470	0.4640	0.3922	0.3232	0.5014	0.4330
Te-129	0.4370	0.3897	0.4068	0.4239	0.3990	0.3361	0.4443	0.4929
Te-129m	0.3907	0.3649	0.3799	0.3891	0.3514	0.2996	0.4345	0.4258
Te-131	2.0169	1.8740	1.8331	1.8470	2.1146	1.8295	1.8959	2.4620
Te-131m	3.4076	3.0964	3.1543	3.0702	3.6088	3.3043	3.5804	5.3593
Te-132	2.5401	2.3622	2.4116	2.4664	2.5442	2.1338	2.5082	2.5860
Te-133	2.7421	2.4125	2.4006	2.3974	2.8621	2.5411	2.6391	3.9693
Te-133m	3.8819	3.4839	3.5598	3.4552	4.1035	3.7947	4.1258	6.2022
Te-134	3.5772	3.3064	3.2937	3.3255	3.7262	3.2514	3.5496	4.8021
Th-223	1.5761	1.4511	1.4968	1.6075	1.5201	1.0923	1.2244	1.4428
Th-224	0.2559	0.2343	0.2404	0.2487	0.2606	0.2090	0.2128	0.2532
Th-226	0.2208	0.1964	0.2110	0.2269	0.2041	0.1468	0.1789	0.1754
Th-227	1.9974	1.7361	1.8531	1.9885	1.8449	1.3755	1.6217	1.6647
Th-228	0.1946	0.1656	0.1854	0.2035	0.1656	0.1112	0.1484	0.1281
Th-229	2.6303	2.3369	2.5070	2.7189	2.4050	1.6962	2.0492	2.1675
Th-230	1.2831	1.2675	1.2932	1.2926	1.3111	1.3070	1.3287	1.3053
Th-231	1.5786	1.3661	1.5116	1.6454	1.3560	0.9349	1.2719	1.0996
Th-232	1.1227	1.0051	1.1256	1.1580	1.2206	1.2338	1.2685	1.2315
Th-233	0.4813	0.4108	0.4521	0.4917	0.4215	0.3116	0.4021	0.4391
Th-234	0.3191	0.2876	0.2985	0.3272	0.3001	0.2143	0.2549	0.2707
Th-235	0.1736	0.1569	0.1577	0.1579	0.1799	0.1597	0.1716	0.2500
Th-236	0.3385	0.3092	0.3206	0.3370	0.3328	0.2577	0.2923	0.3357
Ti-44	2.3244	2.3444	2.0301	2.3259	2.4358	1.7359	1.8991	2.7932
Ti-45	0.0265	0.0193	0.0243	0.0280	0.0190	0.0134	0.0219	0.0258

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.7609	1.5422	1.4859	1.5324	1.7910	1.5161	1.5329	2.1008
Ti-52	1.8872	1.8949	1.8026	1.9113	1.9657	1.5538	1.9382	1.8924
Tl-190	2.4949	2.2389	2.1945	2.2745	2.5183	2.1527	2.3313	3.3390
Tl-190m	6.2987	5.6754	5.6114	5.7156	6.5007	5.7558	6.2609	9.2403
Tl-194	2.6719	2.4106	2.3578	2.4974	2.6600	2.2109	2.4567	3.4481
Tl-194m	8.2415	7.4304	7.3919	7.6229	8.4109	7.3104	8.0691	11.6917
Tl-195	3.6378	3.1894	3.2820	3.5258	3.5285	2.8383	3.3155	4.7334
Tl-196	4.1858	3.7265	3.7163	3.8795	4.2524	3.6000	3.9486	5.9146
Tl-197	2.7222	2.4705	2.4260	2.6648	2.6520	2.0508	2.3637	3.2375
Tl-198	4.5610	4.0556	4.0526	4.2213	4.6421	3.9249	4.2806	6.4948
Tl-198m	5.6181	5.0165	4.9906	5.2804	5.5752	4.6603	5.2417	7.2442
Tl-199	2.6596	2.4114	2.3807	2.6359	2.5691	1.9440	2.2489	2.9128
Tl-200	4.3110	3.8548	3.8055	3.9911	4.3502	3.6209	3.9396	5.7848
Tl-201	2.0943	1.8892	1.8781	2.1405	1.9408	1.3824	1.6888	2.1382
Tl-202	2.9899	2.6963	2.6294	2.8448	2.9176	2.3316	2.6304	3.5616
Tl-204	0.0336	0.0299	0.0300	0.0347	0.0303	0.0210	0.0268	0.0339
Tl-206m	8.3309	7.4673	7.5010	7.5892	8.6655	7.5887	8.1657	11.3638
Tl-206	0.0016	0.0015	0.0014	0.0016	0.0015	0.0010	0.0013	0.0017
Tl-207	0.0041	0.0036	0.0038	0.0035	0.0044	0.0043	0.0046	0.0074
Tl-208	3.5092	3.0695	3.1526	3.1459	3.7873	3.4160	3.6611	6.0117
Tl-209	4.6754	4.2975	4.2804	4.3950	4.9728	4.2367	4.6957	6.7107
Tl-210	5.1567	4.5205	4.6417	4.5956	5.4030	4.8333	5.1252	8.0276
Tm-161	5.2474	4.7918	4.9558	5.1585	5.1456	4.3247	4.8251	5.6108
Tm-162	2.8816	2.5692	2.7053	2.7219	2.9489	2.5994	2.8219	4.0673
Tm-163	4.5034	4.0825	4.2027	4.3313	4.5114	3.8590	4.2343	5.4080
Tm-164	1.2251	1.1034	1.1630	1.2083	1.1829	1.0029	1.1329	1.3759
Tm-165	3.7201	3.3510	3.4274	3.5578	3.6554	3.1005	3.4174	3.9561
Tm-166	4.3960	3.9346	4.1001	4.1514	4.4580	3.9431	4.3126	6.1512
Tm-167	2.2613	2.0540	2.1773	2.2989	2.1471	1.7747	2.0384	2.0799
Tm-168	5.1291	4.6898	4.8474	4.9032	5.2179	4.5954	5.0301	6.6510
Tm-170	0.1166	0.1017	0.1084	0.1215	0.1011	0.0744	0.0949	0.1080
Tm-171	0.0170	0.0151	0.0157	0.0174	0.0152	0.0122	0.0149	0.0153
Tm-172	0.8941	0.7759	0.8240	0.8545	0.8946	0.7595	0.8661	1.3001
Tm-173	1.7682	1.5707	1.5287	1.5534	1.7739	1.5477	1.5969	2.1886
Tm-174	6.8930	6.1143	6.1654	6.2407	7.0527	6.1147	6.4239	8.6756
Tm-175	2.8576	2.5559	2.5809	2.5802	2.9505	2.6829	2.9480	4.2600
Tm-176	4.6750	4.1621	4.2744	4.3145	4.8372	4.2171	4.4877	6.4320
U-227	1.6835	1.5159	1.5747	1.6656	1.6505	1.2420	1.3609	1.5460
U-228	0.2213	0.1929	0.2120	0.2288	0.1973	0.1365	0.1710	0.1510
U-230	0.2286	0.1950	0.2183	0.2382	0.1954	0.1315	0.1756	0.1383

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	3.0515	2.7298	2.9422	3.1560	2.8007	1.9799	2.4191	2.3898
U-232	0.2118	0.1795	0.2029	0.2216	0.1789	0.1195	0.1624	0.1231
U-233	0.1112	0.0933	0.1063	0.1166	0.0928	0.0618	0.0851	0.0666
U-234	1.1138	1.1046	1.1157	1.1194	1.1343	1.1375	1.1105	1.1583
U-235	1.5810	1.5082	1.5770	1.5896	1.6261	1.6292	1.6437	1.6529
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1743	0.1474	0.1671	0.1825	0.1467	0.0976	0.1332	0.1002
U-237	2.8157	2.5821	2.6847	2.8586	2.7585	2.0928	2.3769	2.5515
U-238	1.1070	1.0278	1.1126	1.1321	1.1794	1.1676	1.1828	1.2003
U-239	0.8918	0.8723	0.8103	0.9001	0.8979	0.6363	0.7239	0.9284
U-240	0.5860	0.5022	0.5627	0.6114	0.5058	0.3489	0.4653	0.3855
U-242	0.3264	0.3080	0.2907	0.3138	0.3386	0.2746	0.2979	0.3792
V-47	0.0156	0.0124	0.0142	0.0152	0.0142	0.0115	0.0139	0.0202
V-48	3.1055	2.7174	2.8731	2.7073	3.3831	3.1906	3.4082	5.7483
V-49	0.1784	0.1240	0.1644	0.1961	0.1133	0.0702	0.1369	0.1405
V-50	1.5371	1.2996	1.4117	1.4126	1.6455	1.4776	1.6595	2.7929
V-52	1.3870	1.1978	1.2667	1.2364	1.5620	1.4154	1.4946	2.6959
V-53	1.5109	1.3347	1.4117	1.2947	1.6421	1.5965	1.7286	2.7591
W-177	5.8003	5.2404	5.2699	5.6480	5.7012	4.6973	5.3880	6.7626
W-178	0.6445	0.5231	0.5822	0.6763	0.5202	0.3800	0.5390	0.5865
W-179	1.7345	1.4957	1.5738	1.7874	1.5010	1.1520	1.5434	1.6345
W-179m	1.1393	0.9979	1.0160	1.1559	1.0497	0.8112	1.0006	1.1605
W-181	1.1160	0.9739	0.9972	1.1422	1.0010	0.7734	0.9755	1.0919
W-185m	1.2371	0.9533	1.1316	1.3178	0.9305	0.6436	1.0008	1.0806
W-185	0.0010	0.0009	0.0009	0.0010	0.0010	0.0008	0.0009	0.0011
W-187	1.7767	1.6280	1.5857	1.6671	1.8222	1.5792	1.7825	2.5030
W-188	0.0171	0.0150	0.0150	0.0163	0.0168	0.0135	0.0150	0.0184
W-190	2.6826	2.3947	2.3586	2.6344	2.5898	2.0338	2.2666	2.8014
Xe-120	2.8602	2.6953	2.7186	2.7725	2.7611	2.3524	3.0050	3.3147
Xe-121	2.2313	2.0348	2.0646	2.0807	2.2763	1.9703	2.2762	2.9557
Xe-122	1.1267	1.0616	1.0821	1.1095	1.0288	0.8623	1.2018	1.1011
Xe-123	2.3186	2.1705	2.1762	2.2026	2.3224	1.9796	2.2860	2.5918
Xe-125	2.8161	2.6374	2.6942	2.7478	2.7894	2.3518	2.8269	2.9306
Xe-127	2.9410	2.7762	2.8392	2.8875	2.9697	2.5079	2.9019	3.1121
Xe-127m	2.3092	2.2734	2.2074	2.2858	2.3667	1.9506	2.3583	2.3831
Xe-129m	1.5736	1.4960	1.5533	1.5939	1.4049	1.1578	1.7176	1.4084
Xe-131m	0.6702	0.6302	0.6573	0.6780	0.5876	0.4850	0.7258	0.5940
Xe-133	1.0365	1.0267	0.9875	1.0504	0.9948	0.7477	0.9702	1.0362
Xe-133m	0.8119	0.7596	0.7869	0.8098	0.7401	0.6132	0.8629	0.7502
Xe-135	1.7048	1.4900	1.4853	1.5339	1.7693	1.4680	1.5410	1.8304

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.4630	1.3276	1.3170	1.3458	1.4888	1.3346	1.5365	2.0727
Xe-137	0.5775	0.5152	0.5069	0.5128	0.5925	0.5278	0.5658	0.8056
Xe-138	2.0752	1.7842	1.8378	1.8660	2.1284	1.8528	1.9602	2.8963
Y-81	2.0905	2.0280	1.9619	2.0774	2.1321	1.6303	1.8752	2.0587
Y-83	1.4358	1.2958	1.3522	1.3696	1.4236	1.1633	1.3395	1.5863
Y-83m	1.6729	1.4739	1.4746	1.5245	1.6936	1.3865	1.4726	1.7453
Y-84m	4.9362	4.4018	4.5737	4.3005	5.3336	5.1218	5.5323	8.9221
Y-85	1.4260	1.2795	1.2942	1.3223	1.4399	1.2454	1.4031	1.8461
Y-85m	1.4580	1.2896	1.3486	1.3557	1.5128	1.2949	1.4000	1.9684
Y-86	5.3141	4.7080	4.8786	4.7483	5.6381	5.1650	5.5607	8.7155
Y-86m	1.7012	1.5984	1.6606	1.6881	1.8327	1.5395	1.6052	1.8907
Y-87	2.2860	2.0460	2.0861	2.1644	2.2448	1.8377	2.0844	2.4746
Y-87m	1.5043	1.3345	1.3028	1.3262	1.5086	1.2782	1.3110	1.7302
Y-88	3.5451	3.0791	3.3019	3.2248	3.7029	3.3212	3.6027	5.6300
Y-89m	1.5008	1.3399	1.4030	1.2923	1.6224	1.5884	1.7219	2.7556
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000
Y-90m	3.2615	3.0219	3.0676	3.1208	3.4441	2.9691	3.1672	4.0209
Y-91	0.0037	0.0032	0.0034	0.0032	0.0041	0.0038	0.0039	0.0071
Y-91m	1.5762	1.4275	1.4111	1.4355	1.6398	1.4881	1.6617	2.3861
Y-92	0.4003	0.3554	0.3682	0.3493	0.4317	0.4101	0.4427	0.7094
Y-93	0.2153	0.1871	0.1897	0.1902	0.2269	0.1984	0.2066	0.2972
Y-94	1.1735	1.0419	1.0871	1.0161	1.2688	1.2232	1.3190	2.1292
Y-95	0.8407	0.7177	0.7681	0.7327	0.9236	0.8638	0.9041	1.6227
Yb-162	2.8571	2.6482	2.6834	2.8136	2.8120	2.3428	2.5732	2.8413
Yb-163	2.1045	1.8637	1.9612	2.0620	1.9962	1.7048	1.9796	2.4003
Yb-164	1.1556	1.0506	1.1006	1.1761	1.0535	0.8812	1.0295	0.9775
Yb-165	3.2133	2.8712	3.0117	3.2786	2.8988	2.2965	2.7793	3.0477
Yb-166	2.1526	1.9768	2.0471	2.1998	1.9751	1.6178	1.8824	1.8420
Yb-167	4.8119	4.4346	4.5923	4.8871	4.5879	3.7273	4.2664	4.4725
Yb-169	5.2970	4.9004	4.9791	5.3160	5.1543	4.2571	4.7740	5.0813
Yb-175	0.2571	0.2317	0.2272	0.2366	0.2580	0.2169	0.2302	0.2898
Yb-177	0.8277	0.7656	0.7595	0.7777	0.8591	0.7358	0.7738	1.0043
Yb-178	0.1981	0.1735	0.1706	0.1761	0.1955	0.1663	0.1739	0.2335
Yb-179	3.0696	2.7790	2.7394	2.7881	3.1870	2.8861	3.1714	4.5724
Zn-60	1.7705	1.6055	1.5624	1.6067	1.8591	1.6682	1.8189	2.6568
Zn-61	0.6851	0.5967	0.6155	0.6118	0.7284	0.6606	0.7104	1.1449
Zn-62	1.9747	1.6658	1.8046	1.9391	1.7926	1.4570	1.8460	2.3365
Zn-63	0.2998	0.2599	0.2755	0.2734	0.3038	0.2812	0.3215	0.4929
Zn-65	1.3388	1.0679	1.2370	1.2965	1.1931	1.0082	1.2768	1.8540
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.6298	1.4467	1.4175	1.4427	1.6454	1.4482	1.5393	2.1443
Zn-71	0.8548	0.7724	0.7681	0.7698	0.8920	0.8093	0.8928	1.2842
Zn-71m	4.9188	4.4245	4.3398	4.3809	5.0976	4.5854	4.9339	7.1131
Zn-72	2.5318	2.2297	2.3482	2.5348	2.3554	1.8254	2.1564	2.4061
Zr-85	1.5208	1.3525	1.3415	1.3490	1.5635	1.3815	1.4630	2.0964
Zr-86	3.5229	3.1772	3.2808	3.4025	3.4817	2.6780	3.0162	2.8639
Zr-87	0.2533	0.2272	0.2411	0.2437	0.2529	0.1993	0.2227	0.2629
Zr-88	2.4953	2.2317	2.2356	2.2881	2.4537	1.9856	2.1086	2.4603
Zr-89	2.1567	1.9359	2.0420	1.9629	2.2318	1.9998	2.2160	3.0728
Zr-89m	1.5823	1.4347	1.4264	1.4423	1.6645	1.5194	1.6922	2.4941
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5094	1.3689	1.3890	1.3283	1.6247	1.5681	1.7011	2.7414
Zr-97	1.8088	1.6339	1.6578	1.5960	1.9399	1.8475	1.9998	3.1839

Table 23: Concrete 5 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.3027	0.2566	0.3159	0.3101	0.2412	0.2165	0.3872	0.3649
Ac-224	3.1657	2.8640	3.4122	3.1585	2.8945	2.5637	4.4554	3.2559
Ac-225	0.4138	0.3616	0.4231	0.3989	0.3236	0.2976	0.4696	0.4561
Ac-226	1.4743	1.3897	1.6098	1.5643	1.3670	1.2271	2.2442	1.6569
Ac-227	0.0817	0.0644	0.0783	0.0844	0.0517	0.0481	0.0785	0.1167
Ac-228	2.4447	2.0093	2.8155	2.9640	2.2905	1.7989	5.9048	3.6956
Ac-230	1.0763	0.8463	1.1246	1.3105	0.9963	0.7321	2.6655	1.6406
Ac-231	3.3482	3.0471	3.9522	3.7117	3.2305	2.9694	5.2807	3.5433
Ac-232	1.7191	1.3848	1.8640	2.0786	1.6133	1.1534	4.6817	2.6709
Ac-233	1.7348	1.2550	1.8243	2.3470	1.6958	1.0410	5.2137	3.3708
Ag-100m	3.1075	2.4407	3.7005	4.1594	3.0842	2.0472	10.0661	5.6709
Ag-101	2.5780	2.2468	2.9033	3.3104	2.5317	1.9279	6.3859	4.1536
Ag-102m	1.9443	1.5139	2.0367	2.4740	1.9143	1.2867	5.7324	3.1503
Ag-102	4.7356	3.6471	5.3300	6.3281	4.6823	3.0760	14.7764	8.5807
Ag-103	2.7067	2.3660	2.8649	3.2353	2.5952	2.1889	5.1268	3.4737
Ag-104	5.8340	4.5069	6.6628	7.9128	5.7064	3.8665	17.7371	10.6954
Ag-104m	2.4024	1.8042	2.5234	3.1956	2.3471	1.5441	6.9641	4.2458
Ag-105	3.0045	2.4615	3.3582	3.7735	2.8863	2.5520	5.3634	3.5782
Ag-105m	0.0310	0.0235	0.0325	0.0355	0.0202	0.0184	0.0362	0.0507
Ag-106	0.6028	0.4407	0.5171	0.7887	0.5530	0.4033	1.2704	0.9269
Ag-106m	7.1657	5.4339	7.8370	9.6143	7.0008	4.8991	20.2594	12.3705
Ag-108	0.0626	0.0470	0.0659	0.0839	0.0591	0.0435	0.1557	0.1020
Ag-108m	5.4599	4.0836	6.1487	7.4167	5.2920	3.8577	14.7724	9.1611
Ag-109m	0.4039	0.3215	0.2977	0.4801	0.3482	0.3043	0.4864	0.4488
Ag-110	0.0816	0.0627	0.1022	0.1140	0.0806	0.0527	0.2674	0.1612
Ag-110m	5.4704	4.2956	6.7820	7.5149	5.4391	3.6072	18.2579	10.5938
Ag-111	0.1420	0.1212	0.1851	0.1754	0.1440	0.1370	0.2487	0.1457
Ag-111m	0.2265	0.1783	0.1692	0.2788	0.1917	0.1673	0.2797	0.2740
Ag-112	1.2545	0.9699	1.4823	1.6869	1.2477	0.8129	4.0341	2.3224
Ag-113m	1.0333	0.8567	1.3079	1.2983	1.0287	0.9245	2.0322	1.2294
Ag-113	0.3126	0.2800	0.4176	0.3893	0.3188	0.2832	0.6499	0.3938
Ag-114	0.5312	0.3987	0.5910	0.7172	0.5286	0.3337	1.6748	0.9987
Ag-115	1.1216	0.9461	1.2371	1.3869	1.1122	0.8639	2.6681	1.6200
Ag-116	3.0714	2.3390	3.2942	4.0186	3.0589	1.9683	9.4747	5.4079
Ag-117	2.1624	1.8199	2.4728	2.5669	2.1567	1.7635	4.9837	2.6394
Ag-99	3.1990	2.8071	3.7126	4.1323	3.1738	2.4059	8.4516	5.2101
Al-26	1.5797	1.2906	1.5652	1.8169	1.5746	1.0863	4.6977	2.0934
Al-28	1.5432	1.2611	1.5099	1.7623	1.5380	1.0598	4.5670	2.0196
Al-29	1.6771	1.3120	1.9013	2.2847	1.6884	1.1138	5.2625	2.9433

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.5251	3.2549	3.7938	3.7425	3.2344	2.9821	5.0898	3.8307
Am-238	3.4730	3.0249	3.7422	3.8625	3.1974	2.6460	7.0162	4.6486
Am-239	3.9544	3.6974	4.0249	3.9084	3.4875	3.3032	4.6742	3.9308
Am-240	3.7359	3.2260	4.0244	4.1699	3.3860	2.7900	7.7793	5.2174
Am-241	1.3014	1.2834	1.3016	1.3416	1.2943	1.2810	1.2925	1.2293
Am-242	0.5657	0.4907	0.5157	0.5647	0.4522	0.4326	0.5566	0.5779
Am-242m	0.3543	0.2789	0.2981	0.3730	0.2506	0.2365	0.3190	0.4187
Am-243	1.1779	1.0425	1.3562	1.0683	1.0778	0.8683	1.6906	1.0029
Am-244	3.3545	2.7306	3.6743	4.1147	2.9850	2.3754	7.3763	5.1283
Am-244m	0.2081	0.1660	0.1818	0.2256	0.1594	0.1447	0.2448	0.2515
Am-245	0.4377	0.4159	0.4513	0.4615	0.3954	0.3634	0.5937	0.4961
Am-246	4.5902	3.7385	4.8317	5.4299	4.0682	3.3790	8.5466	6.2981
Am-246m	2.1402	1.7273	2.4600	2.7432	2.0326	1.4703	6.0545	3.7231
Am-247	1.5972	1.4901	1.7396	1.6859	1.4750	1.3768	2.1728	1.6825
Ar-37	0.0309	0.0229	0.0316	0.0345	0.0174	0.0158	0.0320	0.0551
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.6528	1.2913	1.8689	2.2613	1.6637	1.0946	5.1874	2.9214
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	2.0007	1.5917	2.2831	2.5828	1.9953	1.3530	6.3531	3.4619
Ar-44	2.9556	2.4459	3.1240	3.4060	2.9331	2.2853	7.0951	3.6142
As-68	3.9267	3.1292	4.6134	5.1303	3.9107	2.6289	12.7587	7.0750
As-69	0.5934	0.5257	0.6654	0.6936	0.5650	0.4660	1.2150	0.8042
As-70	5.1464	4.1083	5.9977	6.7102	5.1100	3.4618	16.3949	9.2270
As-71	2.1750	1.8607	2.4778	2.4472	1.9792	1.7626	3.6022	2.6276
As-72	1.7195	1.3591	2.1877	2.3912	1.6789	1.1298	5.7490	3.4099
As-73	1.2134	0.9332	1.2500	1.3523	0.7319	0.6597	1.2737	2.0243
As-74	1.5021	1.1292	1.7712	2.0301	1.4110	0.9216	4.4711	2.9435
As-76	1.0682	0.7950	1.2104	1.4666	1.0625	0.6648	3.3989	2.0799
As-77	0.0527	0.0499	0.0576	0.0639	0.0518	0.0416	0.1100	0.0796
As-78	2.3457	1.8183	2.7935	3.1838	2.3370	1.5384	7.5431	4.3569
As-79	0.1069	0.0803	0.1256	0.1426	0.1060	0.0862	0.2644	0.1548
At-204	7.2385	5.5558	8.3700	9.3508	7.0307	4.9836	19.6586	12.0464
At-205	3.4332	2.8404	4.0920	3.9481	3.2496	2.4017	8.3030	4.9460
At-206	7.3840	5.7629	8.5392	9.3799	7.1639	5.2987	19.1613	11.5721
At-207	5.4195	4.4440	6.4300	6.4639	5.1965	3.7895	13.9132	8.1793
At-208	8.5018	6.9227	10.2622	10.5033	8.2171	5.9235	23.0547	13.7160
At-209	7.7368	6.2602	9.1757	9.5353	7.4110	5.2533	20.5356	12.5807
At-210	6.5195	5.6584	7.2107	7.6410	6.2659	4.6431	15.8581	9.5804
At-211	0.7360	0.6482	0.8414	0.6414	0.6432	0.5205	1.0847	0.6968
At-215	0.0009	0.0006	0.0009	0.0011	0.0008	0.0008	0.0015	0.0009

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0389	0.0350	0.0456	0.0361	0.0354	0.0295	0.0584	0.0375
At-217	0.0018	0.0017	0.0021	0.0020	0.0017	0.0014	0.0035	0.0025
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.6152	2.4030	3.0219	3.1906	2.5707	2.1786	5.2188	3.6161
Au-186	3.9227	3.2545	4.6560	4.6606	3.7928	3.0972	8.0295	5.0504
Au-187	3.0657	2.5769	3.5683	3.5039	2.8371	2.2143	6.2508	4.0391
Au-190	4.6215	4.0225	5.6988	5.3809	4.5283	3.7135	9.8803	5.7125
Au-191	3.8657	3.2988	4.6101	4.4392	3.6113	2.9726	7.1387	4.8748
Au-192	4.2492	3.6427	5.3131	4.8906	4.1548	3.4262	8.9484	5.0480
Au-193	2.3099	2.0751	2.7774	2.3842	2.0899	1.7815	3.2720	2.4501
Au-193m	1.8651	1.8140	2.1215	2.1473	1.7029	1.4507	3.1907	2.6640
Au-194	3.4000	2.9067	4.3010	3.8916	3.2868	2.7869	6.5478	3.8836
Au-195	1.9069	1.7056	2.2716	1.8660	1.6231	1.3987	2.3418	1.9825
Au-195m	1.8765	1.8131	2.1658	2.1544	1.7165	1.4727	3.1842	2.6235
Au-196	3.2035	2.6558	4.0796	3.7033	3.0810	2.8508	5.0240	3.0876
Au-196m	3.7194	3.2749	4.3604	3.8539	3.2804	2.9076	5.1768	4.0129
Au-198	1.7619	1.2431	1.8740	2.3183	1.7110	1.5586	3.3165	1.9521
Au-198m	6.0152	5.3084	6.7386	6.3239	5.6335	4.9672	8.7666	6.2699
Au-199	1.2023	1.1275	1.4390	1.2360	1.1303	1.0451	1.7793	1.1377
Au-200	0.6248	0.4837	0.7424	0.8160	0.6231	0.5167	1.4635	0.8252
Au-200m	8.2341	6.7925	9.6001	10.5111	8.1036	6.3007	19.8136	12.5936
Au-201	0.1867	0.1463	0.2094	0.2259	0.1667	0.1253	0.4060	0.2915
Au-202	0.4053	0.3027	0.4487	0.5402	0.4003	0.2974	1.0920	0.6446
Ba-124	2.0223	1.6890	2.0354	2.4087	1.9245	1.5256	3.4983	2.4270
Ba-126	2.6098	2.2000	2.6924	3.2383	2.5107	1.9157	5.2562	3.6556
Ba-127	1.0938	0.9146	1.0412	1.2388	1.0277	0.8241	1.5848	1.1434
Ba-128	1.0800	0.9100	0.9545	1.2674	0.9955	0.7840	1.3094	1.1388
Ba-129	1.2032	0.9825	1.0881	1.4062	1.1178	0.8701	1.6851	1.3344
Ba-129m	5.2054	4.1112	5.5558	6.5168	5.0400	3.8597	11.6370	7.3071
Ba-131	3.2739	2.6229	3.2288	3.9861	3.1394	2.4095	6.0133	4.2584
Ba-131m	1.4473	1.3322	1.4213	1.4605	1.3452	1.1894	1.6092	1.2693
Ba-133	3.4984	2.8761	3.7947	4.0383	3.3617	2.8952	5.0722	3.3059
Ba-133m	0.9960	0.8480	0.9505	1.1618	0.8965	0.7203	1.2370	1.1130
Ba-135m	0.8682	0.7490	0.7992	1.0176	0.8040	0.6328	1.0825	0.9335
Ba-137m	1.6252	1.2525	2.0292	2.2630	1.6054	1.0445	5.2565	3.1800
Ba-139	0.4643	0.4369	0.5386	0.4965	0.4568	0.4257	0.6955	0.4062
Ba-140	0.9930	0.7735	1.0427	1.2420	0.9213	0.6914	2.1269	1.5030
Ba-141	3.2627	2.7167	3.8688	4.0441	3.2595	2.6826	7.1095	4.3147
Ba-142	2.8305	2.4064	3.2491	3.5691	2.7976	2.1116	7.1345	4.3894

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1848	0.1303	0.1872	0.2498	0.1827	0.1237	0.5060	0.3198
Bi-197	3.9095	3.2356	4.6260	4.5774	3.7127	2.7056	9.9511	5.8869
Bi-200	8.2389	6.6170	9.2047	10.0687	7.9520	6.1860	19.2104	11.8805
Bi-201	3.9614	3.2861	4.6277	4.5845	3.7690	2.7504	9.9840	5.7734
Bi-202	7.5458	6.0272	8.8708	9.3519	7.3083	5.4876	19.5474	11.5765
Bi-203	4.9192	4.0766	5.7539	5.8032	4.7166	3.4151	12.8741	7.3163
Bi-204	7.4831	6.0790	8.9617	9.1582	7.2452	5.5054	19.3707	11.2923
Bi-205	3.7190	3.0770	4.2936	4.2818	3.5273	2.5443	9.4364	5.4360
Bi-206	8.7366	7.0154	10.3772	10.8994	8.4682	6.0675	23.7720	14.0720
Bi-207	4.3920	3.5207	5.0798	5.3027	4.2099	2.9102	11.8025	7.1581
Bi-208	2.3882	1.9933	2.5335	2.5096	2.2471	1.6523	5.6320	2.8250
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6788	1.6102	2.1197	1.9934	1.6699	1.4700	3.1594	2.1457
Bi-211	0.2646	0.2142	0.3423	0.3176	0.2625	0.2499	0.4405	0.2465
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2954	0.2345	0.3424	0.3733	0.2606	0.1895	0.7440	0.5069
Bi-213	0.5600	0.4102	0.5959	0.7131	0.5426	0.4394	1.2159	0.7417
Bi-214	2.2381	1.7574	2.5641	2.9210	2.2267	1.4831	7.0281	3.9059
Bi-215	1.2171	1.0900	1.5377	1.4063	1.1966	1.0125	2.4618	1.5171
Bi-216	2.6226	1.9030	2.8406	3.5207	2.5809	1.8052	7.1838	4.4524
Bk-245	3.4197	3.2167	3.5290	3.5122	3.0922	2.8872	4.3860	3.5864
Bk-246	3.6005	3.0417	3.9630	4.2504	3.2545	2.6647	7.4887	5.1801
Bk-247	1.7313	1.6646	1.9270	1.7234	1.6383	1.4431	2.6251	1.7881
Bk-248m	0.7450	0.6480	0.7272	0.7822	0.6451	0.5831	0.9892	0.8322
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.8110	1.4636	2.0516	2.2620	1.7312	1.2427	5.3180	3.1998
Bk-251	1.7266	1.5418	1.7549	1.7656	1.5152	1.4270	2.0631	1.7590
Br-72	3.2309	2.5418	3.8181	4.2967	3.1969	2.2076	10.0991	5.7369
Br-73	1.7593	1.4783	2.1918	2.1453	1.7088	1.3776	3.8845	2.4022
Br-74	3.5887	2.8955	4.0678	4.6376	3.5509	2.4699	10.7158	5.9595
Br-74m	4.5512	3.5832	5.4127	6.1025	4.5060	3.0105	14.4705	8.2683
Br-75	2.3660	2.1481	2.9810	2.8964	2.3372	2.0667	4.6406	3.0745
Br-76	3.3476	2.5829	3.6978	4.3485	3.2453	2.1524	9.9724	5.8564
Br-76m	1.2370	1.1108	1.2433	1.3439	0.9882	0.8368	1.3780	1.2573
Br-77	1.8467	1.5474	2.0237	2.2498	1.6368	1.2708	3.8273	2.9703
Br-77m	0.5875	0.5261	0.6169	0.5666	0.4411	0.4117	0.6284	0.6693
Br-78	0.2793	0.2130	0.3338	0.3743	0.2624	0.1731	0.8291	0.5366
Br-80	0.1758	0.1347	0.2112	0.2343	0.1625	0.1087	0.5101	0.3364
Br-80m	1.0836	0.9039	1.0324	1.1552	0.8143	0.6728	1.1113	1.2126

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.3954	0.3245	0.4104	0.3997	0.2496	0.2225	0.4144	0.5382
Br-82	5.6237	4.3539	6.8233	7.7811	5.5951	3.6464	18.5345	10.9593
Br-83	0.0229	0.0165	0.0242	0.0313	0.0227	0.0138	0.0708	0.0449
Br-84m	5.1142	3.9104	5.6961	6.7187	5.0618	3.7545	14.3747	8.0023
Br-84	1.7936	1.4511	2.0858	2.3302	1.7880	1.2301	5.7771	3.0859
Br-85	0.1215	0.0975	0.1517	0.1655	0.1208	0.0826	0.4039	0.2315
C-10	1.7103	1.3308	2.2206	2.4398	1.6987	1.1104	5.8706	3.4871
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0551	0.0408	0.0564	0.0616	0.0311	0.0283	0.0571	0.0985
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4687	1.1402	1.6649	2.0134	1.4751	0.9688	4.6200	2.6314
Ca-49	1.4877	1.2575	1.5529	1.8772	1.4873	1.0787	4.4256	2.0464
Cd-101	3.2885	2.7969	3.4089	3.8428	3.1983	2.4795	7.7004	4.3794
Cd-102	2.8830	2.2012	2.8073	3.7015	2.7623	2.0793	6.5651	4.3379
Cd-103	2.7012	2.1465	2.6580	3.3669	2.5986	1.9147	6.8081	3.9139
Cd-104	2.1301	1.7446	2.0482	2.4493	1.9686	1.5659	3.8343	2.5981
Cd-105	1.8748	1.4841	1.8622	2.3576	1.7955	1.3530	4.5510	2.6950
Cd-107	1.1651	0.9164	0.8153	1.4224	1.0032	0.8805	1.3855	1.3141
Cd-109	1.0810	0.8448	0.7509	1.3235	0.9278	0.8117	1.2817	1.2245
Cd-111m	2.5665	2.5382	2.7088	3.0588	2.4962	2.1589	4.5582	3.4928
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0008	0.0008	0.0012	0.0009	0.0007	0.0015	0.0012
Cd-115	0.7129	0.5293	0.7321	0.9610	0.7050	0.4484	2.0596	1.3321
Cd-115m	0.0564	0.0447	0.0670	0.0757	0.0563	0.0379	0.1838	0.1059
Cd-117	2.2936	1.9282	2.6528	2.8994	2.2934	1.7990	5.7432	3.3213
Cd-117m	2.6444	2.1055	3.0007	3.3934	2.6395	1.8073	8.2206	4.4434
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.7032	2.2793	3.1704	3.3109	2.7187	2.1502	6.8025	3.6586
Cd-119m	3.1209	2.4923	3.5309	3.9905	3.1090	2.1823	9.4242	5.1074
Ce-130	3.0741	2.6302	3.2379	3.6116	2.9619	2.4107	5.0790	3.5100
Ce-131	3.7160	3.0121	3.9858	4.6109	3.5994	2.8372	8.0088	4.9683
Ce-132	2.9152	2.4840	3.0225	3.3153	2.8118	2.3997	4.2024	2.8752
Ce-133	2.3966	2.0943	2.2503	2.5303	2.2468	1.7990	3.0221	2.1626
Ce-133m	5.1412	4.0945	5.3886	6.4388	5.0066	3.6479	11.7513	7.2732
Ce-134	0.8358	0.6761	0.6745	0.9649	0.7586	0.5675	0.8110	0.7341
Ce-135	3.8257	3.2263	4.2480	4.8446	3.7416	2.8409	8.3387	5.5434
Ce-137	0.9650	0.7689	0.8012	1.1190	0.8482	0.6410	0.9915	0.9476
Ce-137m	0.8368	0.7359	0.7507	0.9894	0.7838	0.6063	1.0701	0.8720
Ce-139	2.2529	2.0246	2.3556	2.4675	2.1566	1.8927	2.9562	1.9677

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	0.9905	0.9375	1.1398	1.0665	0.9740	0.8945	1.4245	0.8798
Ce-143	1.9020	1.6785	2.1547	2.3183	1.8752	1.5492	3.2450	2.1160
Ce-144	0.2974	0.2682	0.3215	0.3246	0.2890	0.2489	0.4098	0.2755
Ce-145	3.1251	2.5480	3.4786	4.0397	3.0496	2.2421	7.1591	4.4857
Cf-244	0.1283	0.1004	0.1045	0.1365	0.0923	0.0872	0.1144	0.1473
Cf-246	0.0882	0.0691	0.0719	0.0940	0.0636	0.0600	0.0789	0.1012
Cf-247	2.3393	2.0453	2.2627	2.3953	1.9666	1.8559	2.5988	2.4444
Cf-248	0.1059	0.0829	0.0864	0.1130	0.0766	0.0721	0.0956	0.1216
Cf-249	1.8979	1.4655	2.1054	2.3413	1.7946	1.7249	2.9677	1.8933
Cf-250	0.0982	0.0774	0.0858	0.1082	0.0756	0.0679	0.1191	0.1192
Cf-251	1.9876	1.7958	2.0360	2.0449	1.7713	1.6582	2.4599	2.0096
Cf-252	0.8928	0.7219	0.9934	1.1158	0.8656	0.6578	2.2437	1.3308
Cf-253	0.2919	0.2301	0.2348	0.3129	0.2137	0.1997	0.2737	0.3470
Cf-254	29.8745	24.2339	34.0876	37.8476	29.6968	22.1833	79.7975	45.4588
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7464	1.5326	1.9651	2.0148	1.7428	1.3873	4.2866	2.1495
Cl-36	0.0004	0.0003	0.0004	0.0005	0.0002	0.0002	0.0005	0.0008
Cl-38	1.1435	0.9334	1.1307	1.2986	1.1407	0.7873	3.3767	1.4827
Cl-39	2.4432	2.1594	2.6632	3.1246	2.4414	1.7633	6.6589	3.9932
Cl-40	3.0907	2.5106	3.2341	3.7930	3.0881	2.1279	9.2879	4.5534
Cm-238	1.5906	1.4939	1.6112	1.5260	1.4111	1.3535	1.7723	1.4646
Cm-239	3.5140	3.1614	3.7096	3.6053	3.2553	3.0279	4.5881	3.3720
Cm-240	0.1428	0.1137	0.1200	0.1469	0.1010	0.0958	0.1257	0.1630
Cm-241	4.0707	3.3858	4.0632	4.5421	3.6447	3.1234	6.6649	5.0128
Cm-242	0.1282	0.1020	0.1077	0.1318	0.0906	0.0860	0.1128	0.1463
Cm-243	1.9768	1.8245	2.0307	2.0256	1.7357	1.6222	2.4681	2.1143
Cm-244	0.1100	0.0875	0.0925	0.1131	0.0778	0.0738	0.0969	0.1256
Cm-245	2.0566	1.9211	2.0803	1.9729	1.8054	1.7326	2.2921	1.9014
Cm-246	0.0942	0.0750	0.0811	0.0984	0.0684	0.0636	0.0944	0.1099
Cm-247	1.4778	1.0832	1.5955	1.9105	1.4345	1.3606	2.5574	1.5094
Cm-248	2.4113	1.9547	2.7271	3.0356	2.3733	1.7845	6.2941	3.6392
Cm-249	0.1612	0.1225	0.1750	0.1928	0.1193	0.0960	0.2819	0.2810
Cm-250	23.5734	19.1234	26.8751	29.8455	23.4283	17.5067	62.9042	35.8197
Cm-251	0.5277	0.4186	0.5580	0.6477	0.4987	0.3828	1.1805	0.7920
Co-54m	5.0146	3.8221	5.4951	6.5759	4.9754	3.7476	13.5989	7.5609
Co-55	2.2473	1.7633	2.6136	2.9688	2.2143	1.5131	7.0538	4.1081
Co-56	4.3368	3.4531	5.1077	5.7733	4.2565	2.8931	13.7586	7.7888
Co-57	2.0400	1.8184	2.3099	2.1659	1.8188	1.6723	2.7649	2.3638
Co-58	1.8958	1.4896	2.4518	2.6744	1.8038	1.2248	6.2083	3.8554

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.2211	0.1637	0.2261	0.2470	0.1249	0.1136	0.2293	0.3948
Co-60	3.3369	2.6283	3.7927	4.4892	3.3523	2.2238	10.5665	5.9278
Co-60m	0.2686	0.2048	0.2799	0.3000	0.1625	0.1459	0.2891	0.4558
Co-61	1.0998	1.0232	1.4266	1.0893	1.0571	0.8779	1.5794	0.9704
Co-62	1.9153	1.5231	2.1891	2.5205	1.9215	1.2904	6.0934	3.3561
Co-62m	3.4001	2.7031	3.8964	4.4934	3.4103	2.2880	10.8581	5.9975
Cr-48	3.3612	3.1346	4.3122	3.6688	3.3411	3.1977	5.0902	3.2124
Cr-49	1.4676	1.4476	1.7387	1.3618	1.4305	1.3148	2.0310	1.1408
Cr-51	0.2919	0.2364	0.3757	0.3418	0.2447	0.2351	0.4168	0.3725
Cr-55	0.0007	0.0006	0.0007	0.0008	0.0007	0.0005	0.0020	0.0010
Cr-56	1.8126	1.6090	1.9045	1.6811	1.6999	1.3644	2.8018	1.6769
Cs-121	1.2612	1.0915	1.4025	1.5072	1.2366	1.0286	2.4966	1.5783
Cs-121m	2.3618	1.9374	2.5454	2.8505	2.3091	1.9009	4.5074	2.9332
Cs-123	1.7788	1.5063	1.8720	2.0951	1.7144	1.3377	3.5303	2.2990
Cs-124	0.6892	0.5425	0.8171	0.8696	0.6854	0.5945	1.4102	0.8026
Cs-125	1.5400	1.2018	1.5096	1.9288	1.4760	1.0739	3.2837	2.2003
Cs-126	1.1882	0.8796	1.2671	1.5366	1.1548	0.9989	2.3443	1.4017
Cs-127	2.4760	1.8874	2.4259	3.1001	2.3587	1.9916	4.1307	2.7957
Cs-128	0.8352	0.6175	0.7998	1.0724	0.7996	0.6157	1.6893	1.1144
Cs-129	2.2417	1.7346	2.1296	2.7615	2.1155	1.7878	3.2721	2.3301
Cs-130m	1.6430	1.3820	1.5506	1.7291	1.5055	1.1657	2.0629	1.5117
Cs-130	0.5410	0.4260	0.4382	0.6494	0.4948	0.3634	0.7773	0.6316
Cs-131	0.7857	0.6262	0.5893	0.9187	0.7041	0.5363	0.8305	0.7936
Cs-132	2.5516	1.9842	2.8262	3.3999	2.4578	1.6733	6.7334	4.3298
Cs-134	3.8394	2.9451	4.7856	5.4238	3.8137	2.4602	12.8790	7.7317
Cs-134m	0.6502	0.5347	0.6151	0.7335	0.5644	0.4656	0.7559	0.7317
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.3584	2.6571	4.4042	4.8100	3.3344	2.2207	11.6972	6.8622
Cs-136	4.9195	4.0414	6.1519	6.4374	4.9094	3.6856	14.0104	8.1267
Cs-137	1.4889	1.5195	1.5220	1.5098	1.4667	1.4991	1.5372	1.5551
Cs-138m	1.4699	1.1470	1.4185	1.7818	1.4035	1.0643	2.8182	1.8453
Cs-138	3.2724	2.5585	3.5084	4.1547	3.2573	2.2625	9.5923	5.2117
Cs-139	0.3325	0.2632	0.3674	0.4311	0.3328	0.2238	1.0261	0.5475
Cs-140	2.2355	1.7521	2.5280	2.9081	2.2272	1.4746	7.0495	3.8760
Cu-57	0.1709	0.1365	0.2020	0.2269	0.1708	0.1152	0.5579	0.3161
Cu-59	0.8440	0.6576	1.0007	1.1275	0.8429	0.6204	2.4012	1.3733
Cu-60	3.2607	2.5980	3.5791	4.2003	3.2514	2.1971	10.0956	5.3267
Cu-61	0.7348	0.6152	0.8967	0.9259	0.6841	0.5389	1.7004	1.1752
Cu-62	0.0165	0.0127	0.0184	0.0206	0.0136	0.0100	0.0389	0.0299
Cu-64	0.1400	0.1040	0.1438	0.1580	0.0825	0.0730	0.1612	0.2493

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1605	0.1297	0.1912	0.2072	0.1602	0.1092	0.5324	0.3023
Cu-67	1.2655	1.1214	1.4025	1.3130	1.2179	1.0981	1.8641	1.2106
Cu-69	0.9817	0.7764	1.1724	1.3064	0.9778	0.6550	3.2309	1.8660
Dy-148	2.6029	2.1452	2.9577	3.4381	2.5432	1.7681	6.7383	4.1104
Dy-149	3.9310	3.4415	4.2699	4.8548	3.8408	2.8809	9.1718	5.3032
Dy-150	1.7020	1.3338	1.7469	2.1696	1.6379	1.5001	2.6026	1.5309
Dy-151	3.8639	3.1771	4.2155	4.9185	3.7544	2.8362	9.1173	5.4184
Dy-152	2.5892	2.6394	2.7709	3.1452	2.5333	2.1195	4.4537	3.3144
Dy-153	4.4326	3.9929	4.6627	5.3036	4.3005	3.4350	8.0845	5.0046
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.2046	2.8821	3.3768	3.9043	3.1249	2.4770	6.1492	4.0213
Dy-157	2.5544	2.2670	3.2036	3.0778	2.5600	2.3510	3.8838	2.1740
Dy-159	1.0832	1.0303	1.0208	1.2813	1.0213	0.8297	1.2734	0.8235
Dy-165m	0.3078	0.2656	0.3150	0.3488	0.2508	0.2145	0.4065	0.3859
Dy-165	0.2225	0.2086	0.2398	0.2523	0.2128	0.1788	0.3559	0.2199
Dy-166	0.8814	0.8263	0.9123	0.9659	0.8040	0.6670	1.1359	0.7585
Dy-167	2.4875	2.2097	2.9417	3.1571	2.4678	1.9384	5.6987	3.6934
Dy-168	2.2575	1.8191	2.3959	2.8061	2.1866	1.7257	4.5605	2.9185
Er-154	1.2786	1.1770	1.1713	1.5086	1.1514	0.9553	1.5487	1.2104
Er-156	1.6364	1.4654	1.5838	1.9002	1.4192	1.1788	1.8865	1.6171
Er-159	3.1156	2.6543	3.5020	3.9536	3.0265	2.2488	7.3481	4.4717
Er-161	3.2136	2.7634	3.7009	4.1370	3.1068	2.3276	7.7478	4.7084
Er-163	0.9010	0.8775	0.8924	1.0574	0.8359	0.6980	1.0719	0.7066
Er-165	0.8700	0.8465	0.8615	1.0203	0.8051	0.6727	1.0308	0.6858
Er-167m	1.0128	0.8545	1.0533	1.1790	0.9589	0.8115	1.5400	1.1401
Er-169	0.0064	0.0048	0.0066	0.0071	0.0036	0.0033	0.0066	0.0114
Er-171	2.7589	2.5689	3.5554	3.2048	2.7433	2.5472	4.4071	2.7322
Er-172	2.5403	2.0717	2.8307	3.2457	2.4399	1.9777	5.2398	3.2355
Er-173	4.2589	3.6278	4.7979	5.0347	4.1291	3.3953	8.3058	5.3127
Es-249	3.1301	2.6591	3.3656	3.5191	2.8842	2.6626	4.7397	3.3797
Es-250	8.6017	7.2963	9.1106	9.7601	7.6549	6.7737	14.0547	10.6003
Es-250m	2.6663	2.3195	2.8191	2.9420	2.4360	2.0973	4.7247	3.3321
Es-251	2.1616	1.9107	2.1398	2.1982	1.8495	1.7463	2.4719	2.2369
Es-253	0.0357	0.0281	0.0299	0.0383	0.0261	0.0245	0.0339	0.0418
Es-254	1.2318	0.9727	1.0560	1.3003	0.8719	0.8188	1.1395	1.5055
Es-254m	1.6678	1.2979	1.8970	2.1963	1.5516	1.1060	4.4831	2.9492
Es-255	0.0012	0.0010	0.0014	0.0015	0.0012	0.0009	0.0032	0.0019
Es-256	0.1802	0.1417	0.1396	0.1977	0.1362	0.1258	0.1763	0.2120
Eu-142	0.3991	0.3240	0.4548	0.5229	0.3954	0.2711	1.1738	0.6455
Eu-142m	5.7942	4.5183	6.9026	7.8529	5.7208	3.7773	18.6142	11.1367

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.6748	0.5728	0.6769	0.8146	0.6649	0.4835	1.5442	0.8358
Eu-144	0.3033	0.2557	0.2902	0.3577	0.2986	0.2133	0.7076	0.3537
Eu-145	2.8371	2.3524	3.1117	3.6306	2.7965	1.9728	7.4360	4.2412
Eu-146	5.4781	4.3647	6.4892	7.4116	5.4213	3.6817	16.2938	9.5425
Eu-147	2.6620	2.2686	2.7699	3.2215	2.6056	2.0274	4.9028	3.0815
Eu-148	6.4963	5.0284	7.2795	8.6982	6.4264	4.3327	18.4766	11.1784
Eu-149	1.1105	0.9832	1.0431	1.3277	1.0508	0.8401	1.4023	0.9898
Eu-150	5.9350	4.6719	6.9048	7.7083	5.9151	4.7360	13.3968	7.9175
Eu-150m	0.2307	0.1904	0.2536	0.2876	0.2282	0.1962	0.3834	0.2226
Eu-152	3.5274	2.9833	3.9626	4.4001	3.4917	2.7259	7.9012	4.6833
Eu-152m	0.9390	0.7949	1.0596	1.1891	0.9250	0.6912	2.2534	1.3417
Eu-152n	1.4440	1.3546	1.5399	1.3346	1.3225	1.1451	1.8722	1.2367
Eu-154	3.0930	2.6010	3.6120	3.9467	3.0577	2.2575	8.1750	4.9290
Eu-154m	1.5670	1.4348	1.6493	1.6057	1.4012	1.2075	1.7987	1.4497
Eu-155	1.0674	1.0320	1.1354	1.0088	1.0202	0.8914	1.3813	0.8239
Eu-156	1.9000	1.5478	2.1799	2.4311	1.8794	1.3058	5.5682	3.1017
Eu-157	2.0616	1.7322	2.2408	2.5239	1.9692	1.6598	3.3589	2.1453
Eu-158	2.4969	2.0387	2.9369	3.1927	2.4566	1.7073	7.4306	4.2593
Eu-159	2.1683	1.9651	2.3228	2.4918	2.0903	1.6475	3.6948	2.2277
F-17	0.0006	0.0005	0.0007	0.0008	0.0006	0.0004	0.0020	0.0012
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.7900	1.6714	2.1225	1.9094	1.7412	1.6479	2.7433	1.6637
Fe-53	0.7616	0.5646	0.8873	0.9813	0.7510	0.7229	1.3223	0.7372
Fe-53m	4.8376	3.8273	5.7777	6.4793	4.8284	3.2169	15.8482	8.9938
Fe-55	0.1831	0.1356	0.1874	0.2045	0.1034	0.0940	0.1898	0.3272
Fe-59	1.7526	1.3918	2.0286	2.3319	1.7574	1.1901	5.5117	3.1346
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.3199	1.9191	2.7673	2.9624	2.3316	1.7083	6.7201	3.7883
Fe-62	1.7662	1.2533	1.7787	2.4062	1.7561	1.0455	5.3947	3.4560
Fm-251	2.0658	1.8114	2.1341	2.1959	1.8290	1.6861	2.7492	2.2719
Fm-252	0.0939	0.0736	0.0743	0.1014	0.0695	0.0651	0.0877	0.1083
Fm-253	1.7227	1.4764	1.6201	1.8007	1.4259	1.3377	1.9232	1.8878
Fm-254	0.1069	0.0842	0.0889	0.1178	0.0823	0.0747	0.1210	0.1279
Fm-255	1.0179	0.8071	0.8430	1.0626	0.7346	0.6924	0.9347	1.1949
Fm-256	22.2356	18.0344	25.4062	28.2012	22.0984	16.5021	59.4358	33.9306
Fm-257	2.2045	1.9535	2.1958	2.3318	1.9331	1.7831	2.7959	2.3990
Fr-212	3.6800	3.1736	4.1170	4.1876	3.4546	2.7104	7.7380	5.0206
Fr-219	0.0195	0.0158	0.0234	0.0232	0.0192	0.0167	0.0376	0.0222
Fr-220	0.2390	0.2102	0.2590	0.2242	0.1955	0.1704	0.3064	0.2499
Fr-221	0.2793	0.2444	0.2998	0.3098	0.2664	0.2249	0.4605	0.3329

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.7233	1.4542	1.7882	1.8622	1.5687	1.3669	2.5554	1.9679
Fr-223	1.0523	0.9752	1.0760	1.1047	0.9164	0.7909	1.3495	0.9852
Fr-224	1.9446	1.6467	2.1615	2.2761	1.8537	1.5041	4.0164	2.6081
Fr-227	2.9239	2.5487	3.2673	3.1116	2.7497	2.2876	5.3030	3.3744
Ga-64	2.3719	1.9253	2.6983	3.0271	2.3629	1.6255	7.5613	4.0210
Ga-65	1.7340	1.5821	2.0091	1.8909	1.6197	1.4272	2.8719	2.0350
Ga-66	1.7167	1.3882	1.8977	2.1274	1.6362	1.1587	5.0081	2.8196
Ga-67	1.9428	1.6974	2.1822	2.0357	1.6901	1.5500	2.6675	2.2115
Ga-68	0.1053	0.0817	0.1172	0.1292	0.0858	0.0640	0.2450	0.1923
Ga-70	0.0179	0.0148	0.0208	0.0217	0.0171	0.0131	0.0464	0.0287
Ga-72	3.7047	2.9456	4.4688	4.9265	3.6876	2.4771	12.1964	6.7174
Ga-73	2.4133	2.1077	3.0909	2.8884	2.2029	2.0188	4.0469	3.0944
Ga-74	4.1209	3.2079	4.6333	5.3465	4.1055	2.7013	12.9336	7.1383
Gd-142	1.6077	1.3731	1.7493	2.0024	1.5896	1.2133	3.5405	2.1192
Gd-143m	4.3623	3.8892	4.9637	5.5021	4.3290	3.3533	10.0760	6.2233
Gd-144	1.0190	0.8766	1.0620	1.2404	1.0026	0.7717	2.0226	1.1210
Gd-145m	1.8373	1.4462	2.2840	2.5310	1.7717	1.2416	5.4436	3.3735
Gd-145	2.4684	2.0721	2.5142	2.9542	2.4416	1.7493	6.3766	3.1594
Gd-146	4.1860	3.9740	4.3278	4.5872	4.0733	3.5553	5.3820	3.4113
Gd-147	5.2595	4.4175	5.8643	6.7196	5.1817	4.1031	11.6817	7.2344
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.5337	3.1776	4.0685	4.2461	3.5019	2.9898	6.2025	3.7241
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3156	1.2024	1.2608	1.5430	1.2319	1.0128	1.6628	1.1922
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.1475	2.0641	2.0544	2.2866	2.0656	1.7625	2.4723	1.5686
Gd-159	0.4442	0.3864	0.4872	0.5422	0.4322	0.3846	0.6379	0.3771
Gd-162	1.8578	1.3268	1.9606	2.4456	1.7982	1.5672	3.6674	2.2440
Ge-66	2.7937	2.3202	3.1007	3.3671	2.5616	2.2039	4.8253	3.5115
Ge-67	1.9625	1.7905	2.3397	2.1999	1.9342	1.7188	3.7958	2.1625
Ge-68	0.4497	0.3333	0.4602	0.5016	0.2540	0.2310	0.4660	0.8012
Ge-69	1.5880	1.2354	1.8253	2.0477	1.4344	1.0088	4.3528	2.9314
Ge-71	0.4561	0.3381	0.4667	0.5088	0.2577	0.2343	0.4726	0.8126
Ge-75	0.2331	0.2317	0.2721	0.2851	0.2329	0.2004	0.4525	0.3322
Ge-77	4.0499	3.4224	4.6118	5.1345	4.0121	3.2213	9.1985	5.9450
Ge-78	1.7377	1.7223	2.1976	2.1220	1.7620	1.5789	3.3001	2.2878
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7723	1.6148	2.3816	2.0655	1.7524	1.6461	2.6552	1.5841
Hf-169	2.7606	2.2418	2.9489	3.4622	2.6451	1.9538	5.9483	3.9280
Hf-170	3.4659	3.1155	3.9732	4.0184	3.2441	2.7077	5.9877	4.0863

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	2.4206	2.2277	2.6385	2.6853	2.1209	1.8489	2.9232	2.4657
Hf-173	4.1049	3.8420	4.9838	4.6053	3.9692	3.5933	6.0501	4.0914
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7086	2.3837	3.3781	3.2073	2.6139	2.4299	3.9690	2.4617
Hf-177m	16.2753	14.5130	19.7513	19.2035	15.9250	14.2474	27.4162	18.2804
Hf-178m	12.3306	10.1394	13.9627	14.9828	12.0015	9.7876	24.9827	16.2630
Hf-179m	6.6509	5.7004	7.6540	7.8919	6.3708	5.6226	11.1296	7.4765
Hf-180m	6.1606	5.1161	7.1686	7.4375	6.0048	5.2145	10.9437	7.0830
Hf-181	3.0257	2.4529	3.3786	3.7065	2.9288	2.3243	6.2958	4.1540
Hf-182	1.7714	1.7761	2.1487	2.1054	1.7542	1.5559	3.1829	2.2969
Hf-182m	5.0621	4.3499	5.9087	6.0563	4.8623	4.0715	9.6581	6.3311
Hf-183	2.6794	2.1862	3.2917	3.3913	2.6084	1.9254	6.8671	4.1068
Hf-184	2.7540	2.3786	3.2206	3.1095	2.4431	2.2500	3.8126	3.0658
Hg-190	3.1363	2.8604	3.7851	3.1722	2.8614	2.5384	4.4245	3.1398
Hg-191m	6.0195	5.2244	6.9847	7.1710	5.7284	4.5269	12.8308	8.5425
Hg-192	3.2259	2.9719	3.9166	3.4025	2.9541	2.5610	4.8732	3.6050
Hg-193	3.3875	2.8660	3.9955	3.8018	3.1281	2.5076	6.6173	4.3155
Hg-193m	3.5026	2.8263	4.0619	4.1717	3.3173	2.5918	7.6399	4.7416
Hg-194	0.2569	0.1971	0.2629	0.2768	0.1504	0.1364	0.2632	0.4211
Hg-195	1.9220	1.6611	2.3065	2.0021	1.6674	1.3550	3.0419	2.2997
Hg-195m	2.2067	1.9376	2.5156	2.4233	1.8665	1.5606	3.4608	2.9831
Hg-197	1.6763	1.4612	2.0015	1.5976	1.4262	1.1753	2.2582	1.7515
Hg-197m	1.6590	1.4694	1.9491	1.7077	1.4384	1.2645	2.2995	1.8800
Hg-199m	2.2928	2.0866	2.7703	2.3342	2.0994	1.9107	3.3225	2.1834
Hg-203	1.6377	1.5937	2.0653	1.9308	1.6311	1.4498	2.9915	2.0593
Hg-205	0.0514	0.0415	0.0554	0.0570	0.0492	0.0412	0.0814	0.0568
Hg-206	0.7461	0.6660	1.0223	0.8632	0.7462	0.6795	1.3345	0.7937
Hg-207	4.4766	3.6451	5.1825	5.3555	4.4374	3.4837	11.3862	5.9652
Ho-150	2.5081	1.9917	3.1775	3.5280	2.4824	1.6576	8.2564	4.8942
Ho-153	2.7368	2.4615	3.3403	3.3765	2.7225	2.2819	5.4994	3.3481
Ho-153m	3.1678	2.8192	3.5318	3.8196	3.0867	2.5862	5.9922	3.7669
Ho-154m	7.4821	5.7948	8.6787	9.7863	7.4292	6.0711	16.9640	10.0629
Ho-154	3.7477	3.0510	4.6177	4.7767	3.7555	3.1178	8.5465	4.8347
Ho-155	2.4827	2.2492	2.6541	2.9583	2.3852	1.9846	4.1916	2.7222
Ho-156	4.9613	4.4706	5.7021	6.0800	4.8941	3.9459	10.8963	6.6453
Ho-157	3.7083	3.3870	4.1022	4.4380	3.5916	3.0167	6.1877	3.9086
Ho-159	4.0047	3.7802	4.4044	4.6029	3.8727	3.3467	5.9684	3.9057
Ho-160	5.0546	4.2157	5.9109	6.5291	4.9301	3.5514	13.4789	8.0661
Ho-161	1.4555	1.3490	1.3454	1.6932	1.3292	1.1077	1.7939	1.3384
Ho-162	1.2640	1.1817	1.2618	1.4641	1.1784	0.9523	1.7310	1.1067

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	2.7365	2.4259	2.9700	3.2783	2.5855	2.0937	4.9057	3.2096
Ho-163	0.0073	0.0054	0.0075	0.0082	0.0041	0.0038	0.0076	0.0131
Ho-164	0.6871	0.6565	0.6767	0.7895	0.6349	0.5261	0.8221	0.5535
Ho-164m	1.2878	1.1828	1.2780	1.4912	1.1070	0.9286	1.4714	1.2592
Ho-166	0.2816	0.2532	0.3042	0.2962	0.2474	0.2003	0.4144	0.2883
Ho-166m	5.8797	4.8812	7.0989	7.5548	5.7636	4.4265	14.7751	9.0670
Ho-167	2.1435	1.8027	2.7259	2.6162	2.1403	2.0061	3.5860	2.0649
Ho-168	2.2653	1.8266	2.8305	3.0537	2.2081	1.5446	6.8068	4.0699
Ho-168m	0.2508	0.2194	0.2520	0.2882	0.1938	0.1664	0.2814	0.3035
Ho-170	5.0467	4.4078	5.9377	6.3013	4.9313	3.7673	12.7550	7.8254
I-118m	7.1936	5.5451	8.5976	9.8072	7.1467	4.7446	22.5425	13.5298
I-118	2.4728	1.8887	2.8822	3.3615	2.4544	1.5979	7.7625	4.6424
I-119	2.3338	2.2578	2.5042	2.8848	2.2857	1.8798	4.5806	3.4315
I-120	2.9614	2.2908	3.1484	3.8394	2.9254	1.9328	8.7438	5.0278
I-120m	6.2555	4.7562	7.1284	8.4635	6.2000	4.0044	19.4812	11.6988
I-121	2.5445	2.0857	2.4453	3.0514	2.4448	1.9774	4.2917	3.1888
I-122	0.5758	0.4408	0.5840	0.7599	0.5564	0.3739	1.5027	0.9800
I-123	2.3672	2.1851	2.4593	2.6109	2.2728	2.0568	3.4294	2.2662
I-124	2.2798	1.7760	2.3896	2.9767	2.2108	1.5045	6.1316	3.8062
I-125	1.5288	1.2382	1.0953	1.8264	1.3812	1.0849	1.8515	1.6999
I-126	1.7408	1.3216	1.8780	2.2998	1.6825	1.3379	3.9239	2.4764
I-128	0.3070	0.2226	0.3023	0.4036	0.2972	0.2325	0.6684	0.4304
I-129	0.8248	0.6646	0.6236	0.9667	0.7486	0.5692	0.8774	0.8030
I-130m	0.5197	0.3920	0.4935	0.6676	0.4862	0.3286	1.1973	0.8462
I-130	5.7924	4.3548	6.8886	8.0578	5.7438	3.8106	18.2482	11.0525
I-131	1.7261	1.7748	1.8187	1.7049	1.7047	1.7510	1.7345	1.7267
I-132	5.0718	3.9409	6.3270	7.0792	5.0416	3.3151	16.8500	9.9803
I-132m	1.4196	1.1341	1.5629	1.8259	1.3423	0.9867	3.4295	2.2736
I-133	1.8379	1.3433	1.9808	2.5147	1.8272	1.1263	5.7184	3.5797
I-134m	2.4219	2.2502	2.5357	2.9386	2.3514	1.9686	4.0505	3.0475
I-134	5.1505	4.0719	6.3138	7.0006	5.1182	3.4986	16.7150	9.6961
I-135	2.2277	1.7710	2.4987	2.8978	2.2273	1.5302	6.7847	3.7440
In-103	3.5892	2.8719	4.0907	4.5658	3.5498	2.6476	9.5304	5.5237
In-105	3.1624	2.6706	3.5895	3.9592	3.1119	2.3949	7.7492	4.7853
In-106	6.1215	4.7990	7.3682	8.2809	6.0670	4.0490	19.7897	11.7424
In-106m	2.7755	2.1810	3.2252	3.6585	2.7507	1.8360	8.7526	4.9053
In-107	2.9342	2.3200	3.0415	3.6418	2.8603	2.2229	6.5738	4.0459
In-108	7.9293	6.4529	9.2857	10.4971	7.8340	5.5255	23.5592	14.0896
In-108m	2.8860	2.2899	3.1794	3.7578	2.8327	1.9630	8.4702	4.8100
In-109	2.9798	2.3496	2.9710	3.6458	2.8598	2.3018	5.7483	3.9013

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.6558	1.2737	2.0706	2.3114	1.6393	1.0652	5.4383	3.2857
In-110	7.3465	5.7673	8.7598	10.0005	7.2157	4.9069	23.1453	13.9130
In-110m	2.2024	1.7106	2.5837	3.0022	2.1550	1.4540	6.7227	4.0711
In-111	4.0704	3.8467	4.2346	4.7575	3.9374	3.4672	6.7832	4.9907
In-111m	1.6233	1.1821	1.6973	2.2113	1.6044	0.9925	4.8993	3.1243
In-112	0.3621	0.2836	0.3024	0.4649	0.3298	0.2589	0.6769	0.5156
In-112m	0.7951	0.6883	0.6609	0.9378	0.7337	0.6456	1.1199	0.8886
In-113m	1.4008	1.0220	1.4321	1.8185	1.3472	1.2742	2.3018	1.4188
In-114	0.0072	0.0056	0.0064	0.0094	0.0068	0.0050	0.0158	0.0109
In-114m	0.7620	0.6128	0.6878	0.9298	0.7140	0.5863	1.3080	0.9753
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1228	0.9235	1.3170	1.3872	1.1088	1.0408	1.8071	1.1332
In-116m	3.6146	2.8290	4.0847	4.7800	3.6092	2.5453	10.7497	5.9893
In-117	3.3312	2.8467	3.8339	4.0595	3.3052	2.5885	7.9357	4.7860
In-117m	0.7995	0.7213	0.9587	0.9238	0.7921	0.7497	1.2550	0.7660
In-118m	4.5848	3.6066	5.4397	6.1996	4.5830	3.0705	14.7606	8.5251
In-118	0.1127	0.0876	0.1294	0.1546	0.1132	0.0741	0.3588	0.2069
In-119	1.8946	1.4878	2.3874	2.6993	1.8536	1.2523	6.2058	3.7656
In-119m	0.2116	0.1721	0.2178	0.2683	0.2005	0.1598	0.4597	0.3080
In-121	1.8501	1.5177	2.2937	2.4687	1.8414	1.2715	6.0843	3.5572
In-121m	0.6613	0.5826	0.6109	0.7795	0.6225	0.5160	0.9743	0.7416
Ir-180	4.2581	3.7020	5.2505	5.2242	4.1034	3.2986	9.4749	6.2355
Ir-182	4.0185	3.5760	4.8411	4.7708	3.8472	3.2006	7.9991	5.4441
Ir-183	4.0034	3.4562	4.7353	4.5886	3.7236	3.0386	7.5969	5.0648
Ir-184	6.1713	5.3669	7.2465	7.4257	5.9060	4.7609	13.1653	8.6557
Ir-185	3.5765	3.1614	4.1483	3.9404	3.1996	2.6545	5.9528	4.3882
Ir-186	5.9079	5.0520	7.2127	7.0774	5.6873	4.7048	12.1607	7.7334
Ir-186m	3.4003	2.8848	4.1836	4.1256	3.2436	2.5046	8.0168	5.0054
Ir-187	2.4138	2.0754	2.9149	2.6950	2.1537	1.7904	3.9403	2.9770
Ir-188	4.1766	3.5590	4.8594	4.8443	3.9825	3.0822	9.4244	5.5228
Ir-189	1.5842	1.4285	1.9083	1.6636	1.3510	1.1749	1.9237	1.7761
Ir-190	6.8431	5.4156	7.9094	8.5397	6.5981	5.1861	15.0681	9.7061
Ir-190m	0.2516	0.1878	0.2577	0.2789	0.1431	0.1300	0.2604	0.4414
Ir-190n	1.2629	1.1383	1.5412	1.3084	1.0940	0.9528	1.4699	1.3048
Ir-191m	1.5887	1.3999	1.8927	1.6537	1.3507	1.1914	1.9949	1.8064
Ir-192	3.9298	3.2741	5.1856	4.8857	3.9858	3.4882	8.0394	4.7501
Ir-192m	0.2834	0.2153	0.2912	0.3091	0.1641	0.1486	0.2926	0.4773
Ir-192n	0.5970	0.4554	0.6156	0.6495	0.3491	0.3159	0.6184	0.9961
Ir-193m	0.2541	0.1911	0.2619	0.2805	0.1469	0.1331	0.2641	0.4389
Ir-194	0.3559	0.3014	0.4881	0.4405	0.3631	0.3292	0.7193	0.4035

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	8.7122	6.7360	10.5878	11.4005	8.6787	6.7470	21.8229	13.1528
Ir-195	1.2564	1.1266	1.4775	1.2348	1.0792	0.9351	1.5543	1.3026
Ir-195m	2.4204	2.0358	2.9034	2.8161	2.2833	1.9687	4.3008	2.8765
Ir-196	0.7485	0.5872	0.9416	0.9772	0.7466	0.6315	1.7476	1.0010
Ir-196m	9.4663	7.1134	10.8309	12.3882	9.2687	7.4056	22.3600	13.6329
K-38	1.5126	1.2361	1.5463	1.7267	1.5119	1.0508	4.5027	1.9558
K-40	0.1767	0.1411	0.1801	0.2169	0.1749	0.1179	0.5239	0.2668
K-42	0.2979	0.2409	0.2939	0.3506	0.2972	0.2029	0.8745	0.4150
K-43	3.4255	2.5846	4.1060	4.5652	3.3972	2.7547	8.3861	4.9540
K-44	2.4598	1.9738	2.7591	3.1434	2.4612	1.6849	7.6780	4.0651
K-45	2.8973	2.4701	3.1479	3.3108	2.8818	2.2803	6.8528	3.5171
K-46	2.4332	1.9482	2.6299	3.1833	2.4417	1.6551	7.4602	3.9550
Kr-74	2.3780	2.1230	2.7752	2.5612	2.2527	1.9771	3.8101	2.6008
Kr-75	2.1199	1.9561	2.5241	2.3172	2.0503	1.8497	3.5739	2.2988
Kr-76	2.8942	2.5201	3.4655	3.4283	2.6971	2.4075	4.9183	3.4271
Kr-77	2.2286	2.0688	2.6886	2.4127	2.1672	2.0009	3.4348	2.3038
Kr-79	1.2236	1.0287	1.3695	1.4420	1.0472	0.8940	2.1494	1.7011
Kr-81	0.4744	0.3902	0.4920	0.4769	0.2981	0.2675	0.4849	0.6422
Kr-81m	1.3333	1.0934	1.4377	1.4778	1.2647	1.1098	2.0173	1.3976
Kr-83m	0.2122	0.1717	0.2176	0.2155	0.1313	0.1185	0.2137	0.2982
Kr-85	0.0077	0.0055	0.0078	0.0105	0.0076	0.0046	0.0235	0.0150
Kr-85m	1.5515	1.5071	1.9555	1.6534	1.5371	1.4837	2.4095	1.3882
Kr-87	1.4079	1.0404	1.5237	1.8167	1.3815	1.1715	3.1958	1.7175
Kr-88	2.2795	1.8404	2.4367	2.6898	2.2452	1.6594	5.9473	3.0712
Kr-89	2.8854	2.3057	3.2308	3.7119	2.8685	2.0444	8.2313	4.6703
La-128	5.4312	4.4575	6.3128	7.0434	5.4172	4.0127	14.3981	8.7849
La-129	2.1531	1.8692	2.3306	2.5790	2.0942	1.7330	3.8392	2.6179
La-130	3.9169	3.0372	4.5476	5.0700	3.8897	3.0276	9.7272	5.6670
La-131	2.7728	2.2901	2.8611	3.2996	2.6641	2.2215	4.5452	3.0848
La-132	3.5351	2.6589	3.6519	4.5789	3.4582	2.4094	9.2002	5.5519
La-132m	2.9637	2.4461	3.2391	3.6327	2.8760	2.2534	6.1565	4.0231
La-133	1.0779	0.8640	0.9729	1.2665	0.9623	0.7301	1.3652	1.1884
La-134	0.4336	0.3397	0.3876	0.5222	0.4005	0.2843	0.6877	0.5116
La-135	0.8626	0.6800	0.6875	0.9975	0.7749	0.5716	0.8632	0.8081
La-136	0.5915	0.4678	0.4914	0.6934	0.5345	0.3917	0.6816	0.5915
La-137	0.8020	0.6341	0.6311	0.9207	0.7165	0.5307	0.7424	0.7260
La-138	2.0816	1.6506	2.2224	2.6782	2.0298	1.3824	5.6883	3.2530
La-140	3.5774	2.8207	3.8581	4.4637	3.5659	2.5142	10.2584	5.4540
La-141	0.0314	0.0248	0.0340	0.0408	0.0315	0.0209	0.0966	0.0515
La-142	2.5043	1.9958	2.8358	3.1844	2.4958	1.6902	7.8270	4.1234

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3633	0.2857	0.4170	0.4757	0.3621	0.2429	1.1488	0.6319
Lu-165	3.7552	3.3510	4.1995	4.4170	3.5955	2.9960	6.7581	4.2422
Lu-167	4.2904	3.7084	4.6345	5.1668	4.0984	3.2201	8.9081	5.4397
Lu-169m	0.1846	0.1368	0.1889	0.2061	0.1043	0.0948	0.1914	0.3294
Lu-169	3.8735	3.3848	4.3309	4.6571	3.7021	2.8932	8.2456	4.9851
Lu-170	3.8874	3.3260	4.2639	4.7044	3.7483	2.7735	9.5087	5.3069
Lu-171m	0.1996	0.1492	0.2053	0.2223	0.1150	0.1042	0.2084	0.3502
Lu-171	3.4299	2.9868	3.9603	4.2386	3.1242	2.4355	6.9495	4.7246
Lu-172	5.5215	4.6824	6.4003	6.8444	5.3079	4.0233	13.4233	8.1380
Lu-172m	0.1660	0.1230	0.1699	0.1853	0.0938	0.0852	0.1721	0.2963
Lu-173	2.6545	2.5811	2.9737	2.9822	2.4672	2.1279	3.5840	2.4904
Lu-174	1.2700	1.1975	1.3944	1.4409	1.1350	0.9566	1.6835	1.2369
Lu-174m	1.4790	1.3488	1.6224	1.6505	1.2376	1.0712	1.7080	1.5829
Lu-176	3.7682	3.2285	4.6343	4.3444	3.6859	3.3254	5.9751	3.9480
Lu-176m	0.3419	0.3097	0.3817	0.3422	0.2868	0.2509	0.4168	0.3629
Lu-177	0.3994	0.3525	0.4360	0.4399	0.3781	0.3323	0.5766	0.4305
Lu-177m	8.2829	7.3127	9.5308	9.5943	7.9933	7.1749	12.9464	8.8171
Lu-178	0.3746	0.3279	0.4130	0.4206	0.3432	0.2749	0.7163	0.4749
Lu-178m	7.1032	5.9902	8.3457	8.2182	6.9249	6.1911	11.8384	7.3984
Lu-179	0.2425	0.2078	0.2608	0.2843	0.2373	0.2006	0.4116	0.2966
Lu-180	3.6955	2.9838	4.1932	4.6287	3.6085	2.8779	8.5597	5.1138
Lu-181	2.7636	2.3239	3.2410	3.4181	2.6026	2.0506	5.9779	4.0228
Mg-27	1.7094	1.3686	2.1721	2.3470	1.7009	1.1488	5.8643	3.3915
Mg-28	2.9678	2.2966	3.0786	3.8116	2.8968	2.1664	7.1335	4.2042
Mn-50m	5.6161	4.4540	6.7168	7.5966	5.6068	3.7467	18.4006	10.3784
Mn-51	0.0131	0.0102	0.0153	0.0170	0.0112	0.0081	0.0338	0.0245
Mn-52	5.1370	4.0749	6.1120	6.8594	5.0756	3.4121	16.6450	9.4554
Mn-52m	1.6376	1.3031	1.7033	2.0522	1.6373	1.1048	4.9170	2.5166
Mn-53	0.1491	0.1104	0.1526	0.1666	0.0842	0.0765	0.1546	0.2664
Mn-54	1.8479	1.4584	2.3749	2.5826	1.7727	1.2036	6.0981	3.7359
Mn-56	2.3482	1.8821	2.8528	3.1373	2.3373	1.5791	7.8466	4.2864
Mn-57	0.7326	0.6115	0.8174	0.8223	0.6148	0.5334	1.1960	1.0104
Mn-58m	3.7993	2.9682	4.5073	5.2010	3.7873	2.5493	12.2394	6.9429
Mo-101	2.9413	2.2991	3.2910	3.7598	2.8887	2.0328	8.2863	4.8486
Mo-102	0.1726	0.1552	0.1935	0.1944	0.1697	0.1519	0.2789	0.1879
Mo-89	0.3769	0.2976	0.4422	0.4987	0.3695	0.2511	1.1735	0.6776
Mo-90	4.1646	3.8421	4.4303	4.6603	3.8862	3.4382	6.8092	5.1439
Mo-91m	1.6297	1.2756	1.8895	2.1600	1.6089	1.0719	5.0980	2.9166
Mo-91	0.0610	0.0501	0.0498	0.0596	0.0485	0.0439	0.0775	0.0634
Mo-93	0.7127	0.5863	0.5470	0.6571	0.5218	0.5207	0.5310	0.6760

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	4.5986	3.8706	5.2117	5.8911	4.5228	3.2529	12.8433	7.5973
Mo-99	0.5355	0.4414	0.6472	0.6880	0.5230	0.4076	1.3499	0.8233
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0641	0.9215	1.1846	1.2987	1.0646	0.8162	3.2834	1.3905
Na-22	1.6701	1.3014	1.9094	2.3108	1.6825	1.1044	5.2662	3.0013
Na-24	3.1621	2.5505	3.3260	3.9147	3.1675	2.1639	9.5068	4.6720
Nb-87	2.6556	2.1543	2.7159	2.8937	2.4812	2.1892	3.7888	2.8126
Nb-88m	6.1959	4.8372	7.1279	8.1478	6.1376	4.4426	18.1277	10.4658
Nb-88	7.6345	6.0938	8.7240	9.7501	7.4662	5.3428	21.6486	12.9870
Nb-89	0.6934	0.5664	0.6888	0.7930	0.6434	0.4826	1.6949	0.9481
Nb-89m	1.7231	1.2534	1.7492	2.2875	1.6737	1.0484	4.9876	3.2351
Nb-90	5.0830	4.2882	5.5471	5.8608	4.9204	3.7962	12.5626	6.8771
Nb-91	0.7130	0.6013	0.5689	0.6215	0.5122	0.5138	0.5310	0.6772
Nb-91m	0.6469	0.5331	0.5140	0.6105	0.4843	0.4716	0.5697	0.6439
Nb-92	4.1377	3.2344	4.6096	5.2670	3.9247	2.7162	11.8367	7.4226
Nb-92m	2.4448	1.9973	2.7116	2.9214	2.2353	1.6852	6.4094	4.0438
Nb-93m	0.1375	0.1123	0.1082	0.1288	0.0990	0.0982	0.1055	0.1391
Nb-94m	0.4951	0.4069	0.3855	0.4615	0.3643	0.3604	0.3936	0.4818
Nb-94	3.3768	2.6569	4.3478	4.7449	3.3556	2.2205	11.6062	6.8224
Nb-95	1.7013	1.3345	2.2496	2.4636	1.6898	1.1140	5.9502	3.5124
Nb-95m	0.9529	0.8499	0.8798	1.0131	0.8193	0.7426	1.2443	1.1301
Nb-96	5.4460	4.2216	6.5987	7.5411	5.4153	3.6428	17.5007	10.4044
Nb-97	1.7228	1.3262	2.1862	2.4144	1.7102	1.1061	5.7653	3.4560
Nb-98m	5.2588	4.1561	6.5758	7.2536	5.2342	3.5570	17.2306	9.8795
Nb-99	2.5931	2.4495	2.8318	2.5911	2.4460	2.3262	3.3575	2.3192
Nb-99m	1.1260	0.9407	1.2326	1.3591	1.1033	0.8403	2.8570	1.6008
Nd-134	2.8849	2.6084	3.1553	3.2646	2.8256	2.4509	4.4984	2.8411
Nd-135	3.4627	2.7999	3.5041	4.2308	3.3669	2.6462	6.3744	4.2368
Nd-136	2.4223	2.1229	2.3376	2.7672	2.3184	1.8574	3.4782	2.3838
Nd-137	3.0338	2.4968	3.2588	3.7598	2.9626	2.1590	6.6801	4.0876
Nd-138	0.9294	0.7833	0.8080	1.0913	0.8775	0.6776	1.0200	0.7675
Nd-139	1.0373	0.8418	0.9779	1.2745	0.9921	0.7531	1.7181	1.1323
Nd-139m	4.7738	3.9629	5.3928	6.0573	4.6717	3.4300	11.8209	7.1933
Nd-140	0.8228	0.6934	0.6774	0.9643	0.7699	0.5802	0.8530	0.6680
Nd-141	0.8523	0.7174	0.7128	1.0035	0.8005	0.6013	0.9497	0.7203
Nd-141m	1.6287	1.2809	2.1135	2.3341	1.6145	1.0691	5.5102	3.2674
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2521	1.1014	1.2633	1.3924	1.2173	0.9582	2.0592	1.2702
Nd-149	2.5202	2.2162	2.7891	2.9891	2.4839	2.0836	4.5624	3.0176
Nd-151	2.9875	2.6133	3.4322	3.6133	2.9547	2.3710	6.6284	4.0814

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.1511	1.1216	1.3314	1.3896	1.1214	0.9685	2.1288	1.5741
Ne-19	0.0003	0.0002	0.0003	0.0003	0.0003	0.0002	0.0004	0.0003
Ne-24	1.9055	1.3561	1.9735	2.5768	1.8831	1.3081	5.1918	3.2438
Ni-56	5.7480	4.9797	7.0406	7.2569	5.6100	4.4321	14.6087	8.9108
Ni-57	2.0448	1.6498	2.2034	2.5334	1.9817	1.4107	5.5413	3.1233
Ni-59	0.2586	0.1915	0.2646	0.2888	0.1459	0.1327	0.2680	0.4619
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7507	0.5974	0.8190	0.9459	0.7505	0.5297	2.2112	1.1645
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	5.2290	4.5792	6.1874	6.0133	4.9076	4.2168	10.4717	6.7719
Np-233	1.6772	1.6095	1.7161	1.5283	1.4820	1.4187	1.8623	1.4672
Np-234	2.9651	2.5991	3.0172	3.1316	2.6965	2.2293	5.6369	3.5312
Np-235	0.4753	0.3842	0.4271	0.4742	0.3230	0.3058	0.4287	0.5750
Np-236	3.4586	3.1620	3.4649	3.3227	2.8968	2.7881	3.7711	3.2966
Np-236m	0.9310	0.8793	0.9386	0.8581	0.8076	0.7687	1.0378	0.8478
Np-237	1.1481	0.9806	1.0733	1.1174	0.9045	0.8142	1.2092	1.1952
Np-238	1.4303	1.1558	1.5645	1.7273	1.3026	0.9746	3.7023	2.3771
Np-239	2.6323	2.4610	2.7421	2.6570	2.3529	2.2169	3.2614	2.6743
Np-240	4.3140	3.5524	4.6353	5.1098	3.9361	3.1312	9.3156	6.3291
Np-240m	1.2170	0.9490	1.2824	1.5189	1.1013	0.7995	2.9215	2.0090
Np-241	0.6517	0.6070	0.6632	0.6317	0.5766	0.5490	0.7599	0.6132
Np-242	0.4566	0.3633	0.5203	0.5888	0.4363	0.3052	1.3355	0.7801
Np-242m	3.6111	3.0461	4.0387	4.3537	3.2501	2.6232	7.9718	5.4554
O-14	1.5197	1.2377	1.5406	1.7051	1.5193	1.0525	4.4683	1.9299
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.6362	2.0701	2.8033	3.1611	2.6094	2.0610	5.5108	3.3503
Os-180	1.7958	1.5601	2.0941	1.9728	1.5317	1.3248	2.3284	2.0462
Os-181	4.9907	4.4289	5.9324	5.9333	4.7184	3.7522	10.5003	7.0340
Os-182	3.2534	2.7598	3.6765	3.7886	3.0135	2.3992	5.9573	4.3309
Os-183	4.6012	3.9248	5.4737	5.2828	4.2942	3.8897	6.8487	4.6985
Os-183m	2.7065	2.3009	3.2379	3.2467	2.5520	1.9315	6.3071	4.0296
Os-185	2.7527	2.2854	3.4364	3.4538	2.5948	1.9018	6.7543	4.4048
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2414	0.1798	0.2472	0.2682	0.1370	0.1245	0.2500	0.4258
Os-190m	6.9121	5.3212	7.9353	8.8286	6.7105	5.1688	16.2748	10.3890
Os-191	1.7048	1.5095	2.0408	1.7715	1.4658	1.2921	2.1541	1.9052
Os-191m	0.3567	0.2879	0.3946	0.3843	0.2428	0.2162	0.3845	0.5270
Os-193	0.5914	0.5051	0.6988	0.6585	0.5378	0.4579	0.9608	0.7043
Os-194	0.2652	0.2108	0.2648	0.2958	0.1760	0.1528	0.2818	0.3930
Os-196	0.6245	0.5344	0.7475	0.7148	0.5912	0.5122	1.0294	0.7133

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0011	0.0009	0.0012	0.0013	0.0011	0.0008	0.0034	0.0015
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.6140	0.5531	0.6384	0.5763	0.5012	0.4612	0.6649	0.6063
Pa-228	5.3489	4.5469	5.9141	5.9978	4.8939	4.0483	10.7551	7.0380
Pa-229	1.4262	1.3397	1.4728	1.2699	1.2279	1.1440	1.6200	1.2758
Pa-230	3.0176	2.5905	3.2716	3.2890	2.7277	2.2449	5.9579	3.9803
Pa-231	1.0231	0.8569	1.0084	1.0614	0.7754	0.7155	1.1370	1.2236
Pa-232	2.9326	2.3660	3.2894	3.6089	2.7270	2.0985	7.2459	4.6325
Pa-233	2.2119	1.9789	2.5808	2.3208	2.0106	1.9276	2.9465	2.1286
Pa-234	5.4815	4.6534	6.1436	6.4383	5.0717	4.0662	12.0682	7.9526
Pa-234m	0.0447	0.0380	0.0502	0.0524	0.0415	0.0322	0.1087	0.0685
Pa-235	0.0873	0.0648	0.0894	0.0974	0.0494	0.0449	0.0905	0.1554
Pa-236	2.0732	1.6696	2.3164	2.5532	1.9364	1.4168	5.3770	3.3021
Pa-237	1.5230	1.1809	1.8261	2.0737	1.4854	0.9913	4.8042	2.9480
Pb-194	4.1226	3.4225	4.7599	4.6281	3.8918	2.9959	8.6991	5.3635
Pb-195m	6.2177	4.8811	7.3257	7.5943	5.8720	4.9223	13.0105	7.9855
Pb-196	3.6579	3.1864	4.2036	4.0150	3.4264	2.7120	6.8965	4.6591
Pb-197	4.0869	3.2909	4.7781	4.8365	3.9009	3.1236	9.0247	5.2391
Pb-197m	5.3106	4.2691	6.1763	6.2954	5.0023	4.1897	10.5240	6.5982
Pb-198	3.4848	3.0571	4.2420	3.7680	3.2762	2.8256	5.8738	3.7978
Pb-199	3.3477	2.7553	3.9855	3.8127	3.1811	2.6008	6.8357	4.0007
Pb-200	2.9056	2.6416	3.4572	2.8875	2.6446	2.2710	4.3659	2.9862
Pb-201	3.7760	3.1796	4.8449	4.2871	3.6347	3.1170	7.1981	4.2766
Pb-201m	1.4651	1.1809	1.7949	1.7804	1.3887	0.9699	3.8517	2.3823
Pb-202	0.2453	0.1864	0.2518	0.2673	0.1420	0.1287	0.2530	0.4127
Pb-202m	5.3968	4.1460	6.3404	7.1237	5.2631	3.9343	14.9527	8.9066
Pb-203	2.9560	2.7441	3.6285	3.1663	2.7913	2.4008	4.8854	3.3500
Pb-204m	4.9706	3.9134	6.1330	6.5601	4.9180	3.8021	14.0093	8.0475
Pb-205	0.2483	0.1887	0.2549	0.2705	0.1437	0.1302	0.2560	0.4176
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3137	0.2592	0.3144	0.3283	0.2086	0.1860	0.3215	0.4185
Pb-211	0.2047	0.1548	0.2392	0.2707	0.1990	0.1596	0.5095	0.3013
Pb-212	1.4625	1.3815	1.6572	1.5622	1.3830	1.1478	2.5128	1.7918
Pb-214	1.6435	1.4216	2.0606	1.8929	1.5942	1.4405	2.8370	1.7607
Pd-100	2.8218	2.3429	2.7046	2.9485	2.5435	2.1627	3.6033	2.5044
Pd-101	2.1885	1.7064	2.0044	2.7770	1.9560	1.6737	3.4822	2.7240
Pd-103	0.6982	0.5049	0.4723	0.8725	0.5644	0.5186	0.6424	0.7136
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.2433	1.0054	1.2473	1.4295	1.1849	1.0473	1.8197	1.2885

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.4079	0.3247	0.3019	0.4852	0.3519	0.3074	0.4942	0.4541
Pd-111	0.1216	0.0948	0.1379	0.1582	0.1198	0.0851	0.3341	0.1984
Pd-112	0.2955	0.2263	0.2172	0.3205	0.2232	0.2148	0.2376	0.2951
Pd-114	0.2248	0.2039	0.2538	0.2624	0.2215	0.1963	0.3765	0.2681
Pd-96	3.7236	3.0038	4.2143	4.7804	3.5964	2.7368	9.1369	5.8293
Pd-97	3.4448	2.9202	3.7704	4.3765	3.3877	2.5486	8.8451	5.3660
Pd-98	2.7893	2.4010	2.8298	3.1775	2.5882	2.2630	4.4602	3.1637
Pd-99	2.9562	2.5410	3.2787	3.5521	2.8549	2.4133	5.8638	3.7504
Pm-136	5.2489	4.0676	6.4523	7.0738	5.2197	4.0538	14.1157	8.2767
Pm-137m	5.3273	4.5752	5.8392	6.4405	5.2456	4.2173	10.7885	6.8493
Pm-139	0.9240	0.7275	0.9436	1.1622	0.8982	0.7291	1.7485	1.0463
Pm-140m	5.6023	4.3363	6.5489	7.5210	5.5295	4.0913	15.9221	9.3111
Pm-140	0.3665	0.2958	0.4032	0.4788	0.3604	0.2537	0.9512	0.5663
Pm-141	0.7133	0.5954	0.6807	0.8723	0.6905	0.5047	1.3217	0.8096
Pm-142	0.2668	0.2259	0.2346	0.3144	0.2559	0.1886	0.4190	0.2543
Pm-143	1.4885	1.2289	1.5582	1.9252	1.4393	1.0258	3.1692	2.0044
Pm-144	5.0847	3.9331	5.8621	6.9102	5.0062	3.3463	14.6025	8.9624
Pm-145	0.8616	0.7422	0.7368	1.0069	0.8117	0.6189	0.9349	0.6898
Pm-146	2.7222	2.0813	2.9776	3.6570	2.6663	1.9251	6.8923	4.2438
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.9914	0.7658	1.0941	1.3029	0.9875	0.6410	3.1248	1.7788
Pm-148m	5.7300	4.3957	6.7761	7.7778	5.6896	3.8467	17.4006	10.5609
Pm-149	0.0654	0.0614	0.0835	0.0806	0.0657	0.0580	0.1280	0.0848
Pm-150	3.0478	2.4525	3.8224	3.9503	3.0783	2.4620	7.8701	4.3441
Pm-151	1.9818	1.7382	2.3181	2.3761	1.9655	1.7043	3.5981	2.2091
Pm-152m	4.8031	4.2949	5.4889	5.9228	4.7696	3.8158	10.7921	6.8306
Pm-152	0.8347	0.7163	0.9624	1.0243	0.8233	0.6335	1.9958	1.2078
Pm-153	1.0740	0.9603	1.1359	1.1757	1.0311	0.8851	1.4916	1.0397
Pm-154	2.6038	2.1429	2.9051	3.2028	2.5734	1.8172	7.2952	3.9339
Pm-154m	4.4574	3.7447	4.9464	5.4224	4.4041	3.3674	10.4927	6.0758
Po-203	4.4092	3.6738	5.1680	5.0804	4.1868	3.1077	10.7977	6.4308
Po-204	5.8301	5.0140	6.9092	6.3778	5.3728	4.2066	12.0462	7.7880
Po-205	4.2463	3.5492	5.0873	4.9479	4.0425	2.9458	10.9622	6.4426
Po-206	4.9722	4.1384	5.8953	5.7108	4.6520	3.5681	11.1750	7.0586
Po-207	3.8574	3.2056	4.6206	4.4563	3.6720	2.7327	9.6934	5.7117
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002
Po-209	0.0406	0.0350	0.0464	0.0460	0.0340	0.0276	0.0750	0.0624
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-211	0.0195	0.0150	0.0233	0.0265	0.0193	0.0126	0.0637	0.0381
Po-212m	0.0754	0.0589	0.0806	0.0934	0.0751	0.0496	0.2279	0.1198

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0003	0.0002
Po-214	0.0002	0.0001	0.0002	0.0003	0.0002	0.0001	0.0006	0.0004
Po-215	0.0007	0.0005	0.0008	0.0010	0.0007	0.0006	0.0016	0.0010
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	7.1427	5.5387	8.3862	9.3565	7.0726	5.5854	17.7421	10.4880
Pr-134m	3.2729	2.4519	3.4849	4.2163	3.2105	2.5688	7.7351	4.3711
Pr-135	2.1415	1.8101	2.2763	2.5353	2.0842	1.6397	3.7566	2.4421
Pr-136	3.6302	2.7449	3.8545	4.7895	3.5854	2.3165	10.5198	6.3835
Pr-137	0.8208	0.6712	0.7326	0.9823	0.7723	0.5753	1.1697	0.8343
Pr-138	0.2816	0.2298	0.2596	0.3440	0.2654	0.1925	0.4524	0.3132
Pr-138m	5.8592	4.8390	7.2197	7.6470	5.8331	4.3974	15.7361	9.3060
Pr-139	0.7921	0.6539	0.6475	0.9245	0.7341	0.5479	0.8382	0.6803
Pr-140	0.4216	0.3479	0.3445	0.4910	0.3907	0.2922	0.4417	0.3581
Pr-142	0.0591	0.0480	0.0556	0.0670	0.0588	0.0400	0.1721	0.0779
Pr-142m	0.0117	0.0087	0.0120	0.0131	0.0066	0.0060	0.0122	0.0210
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0384	0.0303	0.0453	0.0505	0.0382	0.0254	0.1240	0.0674
Pr-144m	0.3711	0.3081	0.3161	0.4329	0.3308	0.2531	0.3913	0.3482
Pr-145	0.0495	0.0401	0.0585	0.0647	0.0488	0.0340	0.1386	0.0821
Pr-146	1.8572	1.3989	2.0016	2.4396	1.8399	1.3099	5.2368	2.9681
Pr-147	2.5639	2.1581	2.7483	3.0780	2.5059	1.9256	4.8083	2.9422
Pr-148	2.2718	1.9298	2.8992	2.8936	2.3048	1.8558	5.6982	3.2585
Pr-148m	3.4384	2.8490	4.3450	4.4285	3.4722	2.8808	8.0032	4.7724
Pt-184	6.3761	5.5546	7.6094	7.0146	5.8482	4.9234	10.4593	7.5111
Pt-186	3.4208	2.8876	4.2495	4.0822	3.1884	2.4614	7.3676	4.9434
Pt-187	3.9406	3.4563	4.7730	4.3534	3.6180	3.0269	6.6088	4.7426
Pt-188	2.6495	2.2720	3.1168	2.8346	2.3822	2.0735	3.6093	2.8013
Pt-189	3.5967	3.1449	4.3658	3.9624	3.2664	2.6761	6.1405	4.4566
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.1423	2.7287	3.7861	3.3748	2.8317	2.3964	4.6775	3.4959
Pt-193	0.2601	0.1964	0.2668	0.2851	0.1496	0.1356	0.2686	0.4441
Pt-193m	0.4886	0.4011	0.5486	0.5090	0.3500	0.3047	0.5595	0.6717
Pt-195m	1.9245	1.6882	2.2333	1.9172	1.5720	1.3666	2.3108	2.1697
Pt-197	0.5485	0.4584	0.6229	0.5315	0.4495	0.3688	0.7705	0.6322
Pt-197m	1.3247	1.1314	1.5842	1.3927	1.0966	0.9646	1.7131	1.5274
Pt-199	0.8571	0.6776	0.9802	1.0791	0.8343	0.6158	2.0930	1.3428
Pt-200	0.9992	0.8805	1.1686	1.0072	0.8679	0.7358	1.4104	1.1035
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.2487	1.1991	1.2611	1.1448	1.1014	1.0644	1.3407	1.0901
Pu-234	1.4108	1.3449	1.4166	1.2990	1.2321	1.1900	1.5036	1.2515
Pu-235	1.8710	1.7643	1.8667	1.7488	1.6171	1.5516	2.0196	1.7080
Pu-236	0.1506	0.1216	0.1312	0.1499	0.1041	0.0991	0.1317	0.1731
Pu-237	1.2742	1.1758	1.2546	1.2029	1.0669	1.0234	1.3157	1.2081
Pu-238	0.1389	0.1121	0.1210	0.1382	0.0959	0.0913	0.1214	0.1598
Pu-239	0.0761	0.0604	0.0692	0.0779	0.0506	0.0477	0.0697	0.0984
Pu-240	0.1307	0.1055	0.1138	0.1300	0.0903	0.0860	0.1142	0.1503
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1121	0.0905	0.0977	0.1116	0.0775	0.0737	0.0982	0.1290
Pu-243	0.5122	0.4512	0.5427	0.4643	0.4535	0.3861	0.6917	0.4567
Pu-244	0.1276	0.1031	0.1205	0.1364	0.0987	0.0868	0.1742	0.1597
Pu-245	1.8357	1.5666	2.2114	2.1690	1.7793	1.5435	3.6754	2.2921
Pu-246	2.1829	1.9930	2.1786	2.3005	1.9846	1.7954	2.7702	2.1797
Ra-219	1.1415	1.0060	1.5553	1.2576	1.1327	1.0549	1.8967	1.0676
Ra-220	0.0182	0.0130	0.0187	0.0243	0.0179	0.0130	0.0463	0.0290
Ra-221	0.7071	0.6404	0.7782	0.6875	0.6018	0.5537	0.9121	0.7188
Ra-222	0.0503	0.0431	0.0722	0.0601	0.0517	0.0503	0.0853	0.0454
Ra-223	1.6654	1.5302	1.9277	1.6390	1.5296	1.3471	2.5143	1.6769
Ra-224	0.0838	0.0833	0.0911	0.0984	0.0813	0.0683	0.1550	0.1201
Ra-225	0.4707	0.4096	0.4076	0.5238	0.4168	0.3369	0.4955	0.3960
Ra-226	1.4188	1.4627	1.4839	1.3898	1.4097	1.4501	1.4650	1.3401
Ra-227	1.5430	1.3191	1.6162	1.6929	1.3234	1.1661	2.2728	1.8747
Ra-228	1.4107	1.4282	1.4806	1.3765	1.3969	1.4121	1.4038	1.4652
Ra-230	0.8432	0.7423	0.9190	0.8641	0.7640	0.6582	1.2721	0.9109
Rb-77	2.2630	1.9493	2.7271	2.6196	2.1951	1.7787	4.6534	2.8174
Rb-78m	4.2685	3.2871	4.7597	5.5908	4.2251	3.0141	12.1603	6.9497
Rb-78	3.1929	2.4711	3.4151	4.1435	3.1529	2.2587	9.0137	4.9678
Rb-79	2.8391	2.3995	3.3350	3.3938	2.7328	2.2610	6.0277	3.7650
Rb-80	0.5078	0.3870	0.6249	0.7034	0.5017	0.3218	1.6542	1.0052
Rb-81	1.1081	0.8461	1.1678	1.3527	0.9774	0.7584	2.3176	1.6155
Rb-81m	0.4787	0.4215	0.4869	0.4373	0.3528	0.3141	0.5284	0.4844
Rb-82	0.2976	0.2355	0.3844	0.4183	0.2883	0.1939	0.9831	0.5886
Rb-82m	6.0220	4.7075	7.2301	8.1323	5.8635	3.9090	18.9026	11.3575
Rb-83	2.0890	1.5683	2.1913	2.6574	1.9080	1.2472	5.4534	3.7229
Rb-84	1.5182	1.2318	1.8522	1.9495	1.3977	0.9896	4.4275	2.7522
Rb-84m	2.4017	2.1727	2.5492	2.9444	2.3212	1.8846	4.8264	3.5323
Rb-86m	1.7267	1.2644	1.9091	2.3690	1.7130	1.0535	5.4319	3.3976
Rb-86	0.1464	0.1176	0.1731	0.1912	0.1463	0.0992	0.4812	0.2736
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.6426	0.5216	0.7060	0.7927	0.6405	0.4396	2.0202	1.0078
Rb-89	2.8055	2.2504	3.2384	3.6348	2.8070	1.9037	8.9564	4.9250
Rb-90	1.4933	1.2200	1.7627	2.0083	1.4892	1.0369	4.8508	2.6465
Rb-90m	3.4468	2.7751	4.0985	4.6112	3.4335	2.3431	11.2332	6.1266
Re-178	3.5401	3.1962	4.0219	4.1128	3.3363	2.7056	7.0323	4.7162
Re-179	4.5259	3.8164	5.2417	5.4251	4.3195	3.6185	8.6037	5.5699
Re-180	3.6485	3.1637	4.4182	4.3761	3.4145	2.6504	8.4007	5.4287
Re-181	4.2961	3.6204	5.2030	5.1182	4.0420	3.5116	7.5680	4.9997
Re-182	8.3130	7.4814	9.7764	9.5271	7.8774	6.6290	14.8968	10.1338
Re-182m	4.1083	3.6232	4.8624	4.7008	3.8471	3.0664	7.9987	5.2375
Re-183	2.7850	2.5778	3.2763	2.9747	2.4624	2.2018	3.4422	2.8281
Re-184	3.2750	2.8370	4.0382	4.0074	3.0720	2.3762	7.5604	4.9337
Re-184m	2.8566	2.5697	3.3597	3.2018	2.5882	2.2193	4.6249	3.5160
Re-186	0.3328	0.3064	0.4003	0.3538	0.3039	0.2752	0.4429	0.3440
Re-186m	0.9340	0.7613	0.9945	1.0276	0.6435	0.5712	0.9932	1.3521
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4347	0.4047	0.5315	0.4763	0.4154	0.3744	0.7553	0.4725
Re-188m	1.6702	1.5143	1.9738	1.7187	1.4056	1.2555	1.8844	1.7989
Re-189	0.5050	0.4463	0.5626	0.5805	0.4719	0.4017	0.8355	0.6428
Re-190	5.1343	4.0262	5.9288	6.5993	5.0448	3.9698	12.1729	7.5425
Re-190m	4.1888	3.3477	4.8671	5.2126	4.0332	3.2346	9.0777	5.8386
Rh-100m	1.1232	0.8402	0.8582	1.3596	0.9445	0.8207	1.2511	1.1661
Rh-100	4.6658	3.5650	4.8053	5.9747	4.5033	3.1226	12.7829	7.5097
Rh-101	3.4163	2.7874	3.5421	3.8955	3.2191	2.8867	4.7922	3.5623
Rh-101m	2.1805	1.8390	2.5874	2.6236	2.0833	1.9619	3.3062	2.2459
Rh-102	1.5382	1.1167	1.4613	2.0007	1.4318	1.0656	3.4547	2.3518
Rh-102m	6.1643	4.6408	6.8850	8.3070	5.9683	4.1936	17.4350	10.8134
Rh-103m	0.0923	0.0672	0.0686	0.1130	0.0705	0.0645	0.0871	0.1075
Rh-104	0.0404	0.0297	0.0435	0.0548	0.0395	0.0253	0.1195	0.0759
Rh-104m	1.2117	1.0478	1.0233	1.4481	1.0752	0.9526	1.2967	1.0206
Rh-105	0.4150	0.3621	0.6104	0.5024	0.4323	0.4216	0.7168	0.3822
Rh-106	0.5982	0.4397	0.6575	0.8172	0.5946	0.3676	1.8831	1.1690
Rh-106m	6.4512	4.9081	7.3600	8.7222	6.4055	4.3592	19.5739	11.6169
Rh-107	1.6425	1.4413	2.2358	2.0228	1.6824	1.5816	3.0075	1.7578
Rh-108	1.1389	0.8172	1.2363	1.5362	1.1197	0.8596	2.8619	1.7418
Rh-109	1.7976	1.5547	2.2877	2.1696	1.8096	1.6896	3.0964	1.8677
Rh-94	3.9524	3.1531	4.5291	5.1366	3.9491	2.7439	12.0164	6.5676
Rh-95	2.7355	2.1813	3.1001	3.5508	2.6849	1.8711	8.3153	4.7192
Rh-95m	1.7449	1.2905	1.8843	2.3831	1.7197	1.0902	5.3213	3.3120
Rh-96	6.6456	5.1817	8.2006	9.1836	6.5611	4.3810	21.6776	12.7369

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.6313	1.2793	1.8045	2.1529	1.5636	1.1150	4.6573	2.7360
Rh-97	2.4410	1.8007	2.5880	3.2052	2.3425	1.9227	5.5243	3.3370
Rh-97m	3.6677	2.9046	3.7623	4.4512	3.5201	2.7351	8.4017	4.9053
Rh-98	1.9869	1.5344	2.4307	2.7275	1.9595	1.2902	6.4025	3.7993
Rh-99	3.1638	2.5059	3.2377	3.7704	2.9401	2.4743	5.6719	3.8169
Rh-99m	2.5778	2.0374	2.9531	3.2309	2.4596	2.1750	4.7829	3.0506
Rn-207	3.5126	2.8722	4.2963	4.1534	3.3848	2.7533	7.7712	4.5801
Rn-209	3.9175	3.1585	4.5611	4.6124	3.7392	3.0214	8.6110	5.0483
Rn-210	0.2751	0.2268	0.3166	0.3168	0.2576	0.1968	0.6149	0.3895
Rn-211	4.9462	4.0241	5.7870	6.0597	4.7547	3.4624	13.0661	7.7772
Rn-212	0.0009	0.0007	0.0011	0.0012	0.0008	0.0006	0.0029	0.0017
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0022	0.0017	0.0026	0.0030	0.0022	0.0014	0.0071	0.0043
Rn-219	0.3485	0.3102	0.4044	0.4251	0.3418	0.3069	0.6347	0.4228
Rn-220	1.5388	1.5721	1.5922	1.5176	1.5151	1.5419	1.5733	1.5533
Rn-222	0.0014	0.0010	0.0014	0.0019	0.0014	0.0008	0.0042	0.0027
Rn-223	1.7777	1.4774	1.9823	2.0146	1.5918	1.2661	3.6012	2.4829
Ru-103	1.7533	1.2481	1.7760	2.3838	1.7401	1.0667	5.2374	3.3471
Ru-105	2.3759	1.8776	2.8807	3.1941	2.3453	1.7467	6.5294	3.9862
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9574	0.7529	1.0936	1.2335	0.9470	0.7270	2.4218	1.4547
Ru-108	0.7367	0.6963	0.8537	0.7769	0.7155	0.6815	1.0809	0.6416
Ru-92	7.3393	6.5164	7.6676	8.6274	6.9749	5.9258	13.0071	9.1828
Ru-94	2.4867	1.9124	2.6964	3.0844	2.3135	2.1061	4.3758	2.8398
Ru-95	3.3157	2.6612	3.9129	4.1474	3.2026	2.6846	7.2757	4.4042
Ru-97	2.4731	2.0496	2.4409	2.8603	2.2832	2.0117	3.6087	2.8399
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3863	1.1739	1.4493	1.7528	1.3857	1.0062	4.1291	1.8914
S-38	1.3125	1.0757	1.3354	1.5204	1.3108	0.9117	3.9396	1.7275
Sb-111	2.6871	2.3207	3.0163	3.2211	2.6514	2.1645	5.9572	3.6020
Sb-113	2.1893	1.6434	2.2315	2.8730	2.1606	1.4848	5.7662	3.6861
Sb-114	2.7326	2.1654	3.0918	3.6453	2.7303	1.8824	8.1965	4.6321
Sb-115	2.3138	1.7027	2.1545	3.0750	2.2573	1.4723	6.1321	4.0876
Sb-116	2.4870	1.9788	2.6672	3.2776	2.4624	1.6924	7.2532	4.1658
Sb-116m	7.0634	5.7012	7.6052	9.0145	6.9368	5.1723	18.2763	11.0751
Sb-117	2.3119	2.1716	2.4014	2.5574	2.2318	2.0628	3.4883	2.2698
Sb-118	0.2705	0.2203	0.2164	0.3428	0.2530	0.1954	0.5104	0.3815
Sb-118m	6.7563	5.9183	7.0866	8.6689	6.6475	4.9529	16.7960	10.8889

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	0.9316	0.7652	0.6358	1.1441	0.8355	0.6895	1.3008	1.1793
Sb-120	0.4753	0.3922	0.3366	0.5882	0.4360	0.3518	0.7338	0.6160
Sb-120m	7.0253	5.8177	7.5326	8.3461	6.8812	5.2671	16.4721	10.0045
Sb-122m	1.6960	1.5076	1.7110	1.8576	1.5785	1.3098	2.1688	1.6684
Sb-122	1.3490	0.9976	1.5171	1.8560	1.3388	0.8333	4.2599	2.6485
Sb-124	3.1664	2.4543	3.6157	4.1691	3.1479	2.0532	10.0589	5.6653
Sb-124m	1.3413	0.9962	1.5434	1.8434	1.3181	0.8314	4.2164	2.6379
Sb-124n	0.0409	0.0303	0.0419	0.0457	0.0231	0.0210	0.0424	0.0731
Sb-125	2.0799	1.5844	2.1184	2.6961	2.0069	1.5344	4.5916	2.9917
Sb-126	7.4551	5.6909	9.1747	10.3459	7.3788	5.2186	22.7416	13.5583
Sb-126m	4.5176	3.3812	5.4305	6.2390	4.4542	3.2746	12.9994	7.7489
Sb-127	2.1127	1.6488	2.4893	2.8938	2.0906	1.4673	6.1759	3.8113
Sb-128	8.1072	6.3875	10.4202	11.1764	8.1117	5.7081	25.0988	14.8714
Sb-128m	5.1705	4.1887	7.0197	7.0712	5.2127	3.9323	15.2439	8.8551
Sb-129	2.7882	2.2044	3.3760	3.7587	2.7747	1.8908	8.9696	5.1629
Sb-130m	5.9417	4.7538	7.4227	8.0680	5.9019	4.1541	18.6753	10.9165
Sb-130	8.5010	6.8714	10.7148	11.2775	8.4909	6.4350	23.8588	13.9193
Sb-131	3.4487	2.7670	4.1286	4.5243	3.4390	2.3821	10.8619	6.1216
Sb-133	3.6036	2.8807	4.1327	4.6639	3.5994	2.4897	11.1818	6.0791
Sc-42m	5.0687	3.8639	5.3751	6.5857	5.0390	3.6381	14.0387	7.7143
Sc-43	0.4021	0.3014	0.4797	0.5158	0.3958	0.3840	0.6821	0.3884
Sc-44	1.7043	1.3499	1.9901	2.2899	1.7083	1.1415	5.4990	3.1429
Sc-44m	1.5853	1.5897	1.9319	1.9451	1.5935	1.3902	3.1346	2.2402
Sc-46	3.3881	2.7064	4.1450	4.5738	3.3826	2.2768	11.3614	6.5237
Sc-47	1.1587	1.1590	1.4401	1.1997	1.1541	1.1312	1.7839	0.9497
Sc-48	5.1916	4.1735	6.0803	6.7660	5.1909	3.5386	16.7315	9.4463
Sc-49	0.0009	0.0008	0.0009	0.0011	0.0009	0.0006	0.0027	0.0012
Sc-50	4.8874	3.7939	5.1770	6.2597	4.8742	3.1793	15.1297	8.4106
Se-70	2.4617	2.0226	2.6176	2.9280	2.0921	1.8343	3.7394	3.1230
Se-71	1.7659	1.5518	2.1532	2.1314	1.7465	1.4247	4.2460	2.4669
Se-72	1.2925	1.1152	1.2715	1.4665	0.9864	0.8377	1.4312	1.5530
Se-73	2.8265	2.3266	3.5314	3.2916	2.6906	2.4918	4.3622	2.7612
Se-73m	0.3692	0.3075	0.4175	0.4246	0.3145	0.2658	0.6363	0.5103
Se-75	3.5930	3.3401	4.1946	4.1208	3.3419	3.0228	5.8108	4.5499
Se-77m	1.1301	1.0684	1.3447	1.1802	1.0357	0.9964	1.6270	1.1016
Se-79m	0.5365	0.4572	0.5598	0.5319	0.3736	0.3431	0.5728	0.7010
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0330	0.0297	0.0416	0.0423	0.0333	0.0271	0.0784	0.0503
Se-81m	0.5983	0.5236	0.6235	0.5914	0.4337	0.4067	0.6330	0.7507
Se-83m	1.6726	1.3376	2.0022	2.1490	1.6703	1.2248	4.9853	2.7569

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	5.7195	4.5110	6.6577	7.4744	5.7055	4.2642	15.4860	9.0090
Se-84	1.8198	1.2736	1.9270	2.4111	1.7713	1.6317	3.3903	1.9806
Si-31	0.0012	0.0009	0.0013	0.0016	0.0012	0.0008	0.0037	0.0021
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.7239	2.3607	3.2717	3.4563	2.7270	2.1813	6.1971	3.8342
Sm-140	1.7284	1.4950	1.7692	2.0875	1.6897	1.3231	3.0828	1.9351
Sm-141	2.4773	1.8764	2.5686	3.1918	2.4262	1.9795	5.2336	3.0121
Sm-141m	4.9475	3.9067	5.3732	6.2651	4.8676	3.6853	11.5569	6.9497
Sm-142	0.7980	0.7009	0.6834	0.9480	0.7642	0.5841	0.9048	0.6195
Sm-143	0.5352	0.4665	0.4756	0.6409	0.5153	0.3895	0.7296	0.4735
Sm-143m	1.6211	1.2789	2.0983	2.3188	1.6078	1.0672	5.4510	3.2294
Sm-145	1.6523	1.4672	1.4689	1.9403	1.5830	1.2272	1.8301	1.2592
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0013	0.0010	0.0012	0.0015	0.0008	0.0007	0.0013	0.0021
Sm-153	1.2338	1.1905	1.2059	1.2985	1.1891	1.0258	1.4361	0.9140
Sm-155	1.4814	1.5016	1.5521	1.4039	1.4359	1.3530	1.7853	1.1743
Sm-156	1.3663	1.2233	1.4861	1.4493	1.3020	1.1298	2.0231	1.3620
Sm-157	2.3422	1.8768	2.4947	2.7785	2.3012	1.9208	4.1158	2.6240
Sn-106	4.0596	3.3556	4.2934	5.2117	3.9519	3.1807	8.9295	5.8684
Sn-108	3.9730	3.3477	4.1818	4.9383	3.8472	3.3730	7.3410	4.8932
Sn-109	3.5632	2.8504	3.7209	4.5181	3.4925	2.5585	9.4951	5.4509
Sn-110	2.4149	2.2350	2.6617	2.9572	2.3685	2.1016	4.1473	3.0223
Sn-111	0.7452	0.6022	0.6001	0.9301	0.6906	0.5449	1.3988	1.0066
Sn-113	0.7714	0.6362	0.5334	0.9535	0.6950	0.5816	1.0736	0.9604
Sn-113m	0.5290	0.4363	0.3639	0.6467	0.4774	0.3918	0.7452	0.6653
Sn-117m	2.1923	2.0802	2.3403	2.3992	2.1222	1.9831	3.2881	2.0944
Sn-119m	0.6218	0.5082	0.4310	0.7628	0.5486	0.4564	0.8617	0.8022
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1997	0.1624	0.1480	0.2394	0.1746	0.1405	0.2524	0.2425
Sn-123	0.0108	0.0087	0.0127	0.0141	0.0108	0.0073	0.0353	0.0201
Sn-123m	1.5683	1.5397	1.8803	1.6481	1.5516	1.4981	2.3929	1.3370
Sn-125m	1.7008	1.4209	2.3892	2.0918	1.7528	1.7032	2.9595	1.5709
Sn-125	0.5566	0.4453	0.6710	0.7359	0.5561	0.3865	1.7802	1.0077
Sn-126	1.1784	1.0655	1.1893	1.1517	1.0969	0.9257	1.6091	1.0881
Sn-127m	1.7400	1.2432	1.7482	2.3446	1.7270	1.0915	5.0807	3.1883
Sn-127	3.5432	2.8461	4.1138	4.6280	3.5263	2.5033	10.4979	6.0863
Sn-128	3.8554	3.0477	3.6344	4.7945	3.6901	2.7403	7.9482	5.3755
Sn-129	2.2154	1.7239	2.7317	3.0397	2.2037	1.4619	7.1724	4.2269

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.2961	3.5062	4.8556	5.3546	4.1979	3.2800	9.5735	6.0952
Sn-130m	2.5834	2.1765	2.9388	3.1915	2.5348	1.9244	6.3770	3.8184
Sr-79	1.6381	1.4745	1.7910	1.8037	1.5590	1.3872	2.4182	1.5826
Sr-80	1.6497	1.3296	1.8305	1.9851	1.4941	1.1398	3.6680	2.4690
Sr-81	2.5183	2.1971	2.9414	2.9414	2.4664	2.1214	5.0585	3.0557
Sr-82	0.4919	0.4279	0.4839	0.4455	0.3333	0.3070	0.4584	0.5061
Sr-83	1.9857	1.5963	2.2554	2.3996	1.7575	1.4110	4.3276	2.8257
Sr-85	2.1908	1.6410	2.2209	2.7583	2.0190	1.3179	5.6521	3.8243
Sr-85m	1.8241	1.7391	1.9917	2.1331	1.7713	1.5197	3.2262	2.4298
Sr-87m	1.5502	1.1272	1.7084	1.9838	1.4886	1.4407	2.5574	1.4958
Sr-89	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0006	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3926	1.1109	1.7262	1.8824	1.3864	0.9338	4.6359	2.6974
Sr-92	1.7091	1.3593	1.8460	2.2148	1.7111	1.1586	5.1569	2.7865
Sr-93	4.5468	3.6293	5.3486	5.9701	4.4966	3.1371	13.6012	7.9313
Sr-94	1.7042	1.3537	1.8125	2.1676	1.7047	1.1374	5.2282	2.7246
Ta-170	1.7545	1.5934	1.9973	1.9896	1.6293	1.3621	3.1741	2.2059
Ta-172	4.1350	3.5568	4.6941	4.9511	3.9505	3.1132	8.8147	5.6305
Ta-173	2.8901	2.6269	3.3468	3.2468	2.6410	2.2259	4.5861	3.2052
Ta-174	3.1339	2.7085	3.4748	3.5788	2.9325	2.4222	5.3377	3.6756
Ta-175	4.1876	3.7112	4.8069	4.8754	3.9748	3.2709	7.7552	4.9560
Ta-176	4.2049	3.5629	4.6693	5.0264	4.0109	2.9956	9.8525	5.7864
Ta-177	1.2765	1.2099	1.4710	1.3935	1.1447	1.0041	1.5065	1.2009
Ta-178	1.3301	1.2518	1.5257	1.4505	1.1854	1.0259	1.6479	1.2894
Ta-178m	8.4448	7.2332	9.9926	9.7325	8.1642	7.3108	13.5308	8.6104
Ta-179	0.6441	0.5940	0.7340	0.7091	0.5438	0.4764	0.7209	0.6696
Ta-180	1.0707	1.0165	1.2308	1.1561	0.9478	0.8322	1.2182	0.9974
Ta-182	3.6515	3.1769	4.2880	4.2925	3.4997	2.7311	7.9764	5.0228
Ta-182m	3.6576	3.3322	4.3024	3.9674	3.3421	3.0513	4.9581	3.6971
Ta-183	3.4591	3.2381	4.0340	3.8244	3.1713	2.8403	4.9003	3.8270
Ta-184	6.3774	5.3715	7.4009	7.9687	6.1634	5.1119	13.7965	8.9711
Ta-185	1.9248	1.7269	2.2318	2.0891	1.7476	1.5633	2.7096	2.0663
Ta-186	6.0052	4.8488	6.9483	7.5609	5.8823	4.5400	13.9997	8.9942
Tb-146	3.5219	2.8594	3.6210	4.2806	3.4965	2.4424	10.0830	5.1282
Tb-147m	2.2736	1.8974	2.3070	2.8211	2.2453	1.5815	5.7921	3.0537
Tb-147	4.1856	3.4894	4.7601	5.3559	4.1422	3.0170	10.9656	6.3772
Tb-148m	7.8278	6.1126	9.3927	10.6491	7.7148	5.7243	21.9686	12.9322
Tb-148	3.3198	2.6627	3.8959	4.4729	3.2843	2.2372	10.0713	5.7848
Tb-149m	3.2538	2.6822	3.9662	4.4390	3.2013	2.2422	9.3997	5.5710
Tb-149	3.8029	3.1764	4.3599	4.7899	3.7507	3.0160	8.5110	4.8668

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	7.9221	6.1611	9.2459	10.6691	7.8282	5.5655	21.9446	13.2828
Tb-150	3.7975	3.0673	4.2230	4.9404	3.7480	2.5759	10.6463	6.0575
Tb-151	4.9827	4.3501	5.4273	6.1696	4.8850	3.9252	9.9937	6.3417
Tb-151m	0.8168	0.6863	0.8410	0.9833	0.6732	0.5716	1.1913	1.0419
Tb-152m	4.3982	3.9027	5.0167	5.4160	4.3184	3.6642	8.0911	5.1180
Tb-152	3.3975	2.8463	3.9524	4.2633	3.3792	2.7654	7.3145	4.1161
Tb-153	2.8269	2.5308	2.9295	3.2897	2.7263	2.2412	4.5036	2.9308
Tb-154	3.8484	3.2652	4.1302	4.7488	3.7831	2.7796	9.3173	5.1995
Tb-155	2.6950	2.5525	2.7909	2.8885	2.5875	2.2230	3.5762	2.2382
Tb-156	5.8718	4.8026	6.3046	7.3548	5.7641	4.2779	13.5922	8.2224
Tb-156m	0.7371	0.7659	0.7276	0.8783	0.7176	0.6047	0.9101	0.4595
Tb-156n	0.1973	0.1632	0.1982	0.2198	0.1421	0.1226	0.2199	0.2697
Tb-157	0.2173	0.1834	0.2095	0.2511	0.1674	0.1400	0.2405	0.2684
Tb-158	2.7496	2.3719	3.0467	3.3592	2.6563	1.9902	6.3225	3.7780
Tb-160	2.8013	2.3612	3.3874	3.5326	2.7686	2.0991	7.3741	4.3451
Tb-161	0.9504	0.8592	0.9001	1.0828	0.8486	0.7016	1.2288	0.9540
Tb-162	3.7682	3.4059	4.5380	4.8326	3.7179	2.8615	9.6476	6.1858
Tb-163	3.3764	2.5945	3.8799	4.3909	3.3475	2.7781	7.4166	4.4885
Tb-164	6.2654	5.1444	7.4346	8.1088	6.1842	4.5549	16.8803	10.0822
Tb-165	1.4134	1.1205	1.5415	1.8226	1.3850	0.9579	3.9909	2.3083
Tc-101	1.7737	1.5689	2.4772	2.1633	1.8286	1.6969	3.3324	1.9301
Tc-102m	4.3344	3.2851	4.7211	5.6809	4.3052	2.9175	12.8972	7.3753
Tc-102	0.2050	0.1506	0.2210	0.2758	0.2031	0.1384	0.5922	0.3589
Tc-104	4.0736	3.2110	4.7545	5.1758	4.0759	3.2424	10.2358	5.5713
Tc-105	3.0099	2.6052	3.5056	3.5744	2.9616	2.4847	6.3017	3.8167
Tc-91	1.4985	1.2085	1.5789	1.8158	1.4824	1.0334	4.3981	2.2108
Tc-91m	1.1751	0.8562	1.1970	1.5729	1.1623	0.7177	3.5399	2.2064
Tc-92	6.5600	5.5780	7.9493	8.0351	6.5259	5.2553	16.0674	8.9046
Tc-93	2.3141	1.8383	2.2349	2.7673	2.1532	1.5903	5.5639	3.2492
Tc-93m	1.7768	1.3347	1.8290	2.1986	1.6836	1.5048	3.3724	1.9192
Tc-94	5.9989	4.7345	7.3362	8.1432	5.7998	4.0150	18.8209	11.3479
Tc-94m	2.1675	1.7347	2.5823	2.8621	2.1033	1.4696	6.7748	3.9363
Tc-95	2.4445	1.9260	2.7973	3.2030	2.2503	1.6613	6.5351	4.2180
Tc-95m	3.1361	2.4565	3.3106	3.8402	2.9256	2.2962	6.7031	4.5579
Tc-96	5.8805	4.6559	7.2855	8.0774	5.6719	3.9680	18.4065	11.1323
Tc-96m	0.4496	0.3462	0.3678	0.5132	0.3610	0.3240	0.5613	0.5184
Tc-97	0.6955	0.5516	0.5178	0.7006	0.5204	0.5098	0.5366	0.6669
Tc-97m	0.5282	0.4062	0.3839	0.5747	0.4049	0.3887	0.4301	0.5166
Tc-98	3.4648	2.6848	4.4709	4.9222	3.4401	2.2398	11.8003	7.0354
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.5528	1.4678	1.8518	1.6543	1.5229	1.4363	2.3166	1.4744
Te-113	1.8680	1.4867	2.1367	2.4484	1.8561	1.2750	5.7764	3.2152
Te-114	3.1864	2.6240	3.1893	3.9308	3.0686	2.3274	7.1379	4.4928
Te-115	2.9087	2.3414	3.2597	3.8281	2.8798	2.0223	8.3311	4.9119
Te-115m	3.2965	2.6185	3.7166	4.3425	3.2593	2.2364	9.9532	5.6743
Te-116	1.8327	1.5965	1.5373	2.0400	1.7012	1.4166	2.5832	2.0074
Te-117	2.4964	1.9903	2.7252	3.2707	2.4341	1.6907	7.1247	4.2255
Te-118	0.7445	0.6092	0.5166	0.9026	0.6743	0.5416	0.9832	0.8877
Te-119	2.5020	1.9643	2.7148	3.3423	2.4196	1.6730	6.8051	4.3489
Te-119m	4.2683	3.7421	4.7194	5.2263	4.1977	3.3566	9.6880	5.9616
Te-121	2.5152	1.9113	2.4793	3.3318	2.4311	1.6316	6.5178	4.3472
Te-121m	2.0617	1.7071	1.9887	2.4392	1.9770	1.6335	3.3033	2.5095
Te-123	0.0367	0.0273	0.0372	0.0412	0.0212	0.0191	0.0385	0.0649
Te-123m	1.9499	1.8523	2.1554	2.0992	1.8853	1.7619	2.8301	1.7696
Te-125m	1.2846	1.0405	0.9275	1.5321	1.1564	0.9096	1.5507	1.4330
Te-127	0.0231	0.0168	0.0246	0.0301	0.0226	0.0201	0.0431	0.0261
Te-127m	0.4138	0.3344	0.3054	0.4920	0.3660	0.2901	0.5002	0.4777
Te-129	0.4109	0.3171	0.3750	0.5175	0.3772	0.2896	0.7752	0.5865
Te-129m	0.3705	0.2970	0.3096	0.4575	0.3368	0.2568	0.6063	0.4892
Te-131	2.1086	1.8549	2.4353	2.4645	2.0816	1.7812	4.2435	2.5448
Te-131m	3.6934	3.0258	4.4412	4.8523	3.6501	2.6861	10.2924	6.1662
Te-132	2.5334	2.2823	2.4472	3.0079	2.4335	2.0035	3.9786	3.1017
Te-133	2.8706	2.3232	3.6188	3.6704	2.8978	2.4127	6.9041	3.8322
Te-133m	4.2172	3.4269	5.0196	5.4864	4.1788	3.0491	12.0701	7.0773
Te-134	3.7639	3.0434	4.2683	4.7236	3.6966	2.8286	8.8072	5.5232
Th-223	1.4109	1.3126	1.5226	1.2844	1.2350	1.1243	1.7733	1.3051
Th-224	0.2459	0.2174	0.2730	0.2610	0.2305	0.2116	0.3614	0.2429
Th-226	0.1840	0.1657	0.1863	0.1797	0.1510	0.1406	0.2130	0.2000
Th-227	1.6780	1.5214	1.7964	1.7906	1.4373	1.2936	2.3057	1.9651
Th-228	0.1435	0.1203	0.1380	0.1368	0.1034	0.0955	0.1461	0.1652
Th-229	2.1846	1.9382	2.2533	2.0550	1.7941	1.6257	2.5762	2.2368
Th-230	1.3251	1.3158	1.3335	1.4013	1.3101	1.2733	1.3085	1.3312
Th-231	1.1963	0.9971	1.0909	1.1877	0.8886	0.8095	1.2431	1.3696
Th-232	1.2819	1.3133	1.3124	1.3470	1.2742	1.3103	1.3519	1.2097
Th-233	0.3941	0.3259	0.4019	0.4229	0.3225	0.2757	0.5826	0.5049
Th-234	0.2727	0.2468	0.2879	0.2573	0.2255	0.2074	0.2897	0.2615
Th-235	0.1824	0.1436	0.2127	0.2363	0.1769	0.1363	0.4668	0.2852
Th-236	0.3124	0.2752	0.3358	0.3299	0.2797	0.2503	0.4728	0.3521
Ti-44	2.4123	2.1851	3.0321	2.1316	2.3155	1.8287	3.7139	1.9474
Ti-45	0.0177	0.0134	0.0190	0.0210	0.0124	0.0100	0.0301	0.0316

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.7026	1.4595	2.4947	2.0810	1.7712	1.6954	3.1609	1.6690
Ti-52	1.8804	1.6923	2.1264	2.0035	1.7800	1.6325	2.6318	1.9920
Tl-190	2.5705	1.9458	2.8879	3.2246	2.4666	2.0278	5.5226	3.3419
Tl-190m	6.6339	5.1510	7.9167	8.6414	6.4722	4.8933	17.1876	10.3901
Tl-194	2.6860	2.0866	3.0631	3.2474	2.5453	2.0461	5.6327	3.5036
Tl-194m	8.5099	6.7476	10.0906	10.8466	8.2039	6.1673	21.4519	13.2918
Tl-195	3.4821	2.9188	4.0305	3.9553	3.2078	2.4205	7.6320	4.8591
Tl-196	4.3181	3.3995	4.8207	5.1718	4.1367	3.2261	9.8118	5.6651
Tl-197	2.5985	2.2092	3.0866	2.7900	2.3958	1.9330	4.7332	3.0395
Tl-198	4.7181	3.7301	5.2968	5.6500	4.5152	3.5553	10.6190	6.1090
Tl-198m	5.5675	4.4776	6.5171	6.8454	5.2852	4.1003	12.6060	8.1177
Tl-199	2.4834	2.1605	2.9033	2.6009	2.2726	1.8718	4.0462	2.7947
Tl-200	4.3586	3.5103	5.2299	5.2444	4.1902	3.4269	9.2680	5.5266
Tl-201	1.8469	1.6364	2.2070	1.7680	1.6173	1.3585	2.5421	1.8508
Tl-202	2.9159	2.2815	3.2437	3.3827	2.7243	2.2230	5.4361	3.4979
Tl-204	0.0288	0.0252	0.0343	0.0272	0.0246	0.0203	0.0388	0.0296
Tl-206m	8.7055	7.2431	9.9857	11.0505	8.5474	6.5360	21.4730	13.7200
Tl-206	0.0014	0.0013	0.0017	0.0013	0.0013	0.0010	0.0022	0.0014
Tl-207	0.0046	0.0037	0.0058	0.0062	0.0045	0.0031	0.0155	0.0089
Tl-208	3.9185	3.0774	4.3065	4.9334	3.8903	2.5944	11.7264	6.4469
Tl-209	5.0335	4.1256	5.2438	5.8292	4.9328	3.8021	11.4941	6.5183
Tl-210	5.4342	4.5326	6.7770	7.0150	5.3763	4.0709	14.9592	8.6585
Tm-161	4.9608	4.5974	5.2557	5.7295	4.7309	3.9050	8.3293	4.9861
Tm-162	2.9474	2.5832	3.2281	3.5940	2.8517	2.1592	6.9667	4.0001
Tm-163	4.4281	4.0038	4.8043	5.3071	4.2655	3.3836	8.7579	5.2759
Tm-164	1.1474	1.0523	1.2166	1.3483	1.0814	0.8598	2.1050	1.2598
Tm-165	3.5295	3.2677	3.9214	4.3286	3.4041	2.8106	6.4266	4.2396
Tm-166	4.4606	3.7842	5.0438	5.5989	4.3126	3.1926	10.9290	6.3695
Tm-167	2.0244	1.8352	2.0926	2.3598	1.8792	1.5873	2.7904	2.0145
Tm-168	5.1559	4.2732	5.9147	6.5052	4.9738	3.8299	11.7820	7.3252
Tm-170	0.0955	0.0869	0.1054	0.0973	0.0817	0.0694	0.1227	0.0970
Tm-171	0.0143	0.0137	0.0159	0.0159	0.0127	0.0109	0.0167	0.0131
Tm-172	0.9009	0.7486	0.9751	1.0565	0.8521	0.6243	2.1839	1.2578
Tm-173	1.8247	1.3134	1.9463	2.3855	1.7624	1.6581	3.1497	1.8473
Tm-174	6.9710	6.0186	8.3013	8.5001	6.8608	5.8470	14.7119	9.0684
Tm-175	3.0262	2.3394	3.4093	4.0050	2.9828	2.0694	8.5921	5.2244
Tm-176	4.8400	4.0110	5.5193	5.9198	4.7291	3.7870	10.9557	6.5240
U-227	1.5330	1.4651	1.6347	1.5532	1.3753	1.2451	2.1412	1.6884
U-228	0.1730	0.1496	0.1638	0.1651	0.1313	0.1235	0.1762	0.1875
U-230	0.1673	0.1385	0.1535	0.1613	0.1175	0.1111	0.1548	0.1911

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	2.5188	2.2527	2.4373	2.3729	2.0314	1.8925	2.6937	2.5341
U-232	0.1518	0.1247	0.1367	0.1466	0.1038	0.0991	0.1336	0.1758
U-233	0.0788	0.0648	0.0721	0.0769	0.0538	0.0510	0.0714	0.0931
U-234	1.1368	1.1008	1.1798	1.2361	1.1281	1.1182	1.1233	1.0948
U-235	1.6592	1.6701	1.6927	1.6066	1.6366	1.6176	1.6825	1.6035
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1242	0.1018	0.1112	0.1197	0.0843	0.0805	0.1087	0.1444
U-237	2.5485	2.3199	2.6361	2.5605	2.2344	2.0675	2.9408	2.4653
U-238	1.2174	1.2372	1.1814	1.2106	1.2063	1.2096	1.2146	1.1065
U-239	0.8627	0.7610	0.9970	0.7922	0.7915	0.6340	1.2833	0.7592
U-240	0.4392	0.3647	0.3972	0.4403	0.3199	0.3020	0.4140	0.4970
U-242	0.3284	0.2931	0.3911	0.3620	0.3133	0.2589	0.5606	0.3596
V-47	0.0139	0.0117	0.0146	0.0159	0.0124	0.0097	0.0304	0.0198
V-48	3.5566	2.8373	4.1363	4.6720	3.5372	2.3872	11.4351	6.4844
V-49	0.1010	0.0748	0.1034	0.1128	0.0570	0.0519	0.1047	0.1805
V-50	1.6977	1.3635	1.7356	2.0381	1.6533	1.1287	4.9903	2.5397
V-52	1.6420	1.3083	1.7048	2.0580	1.6432	1.0995	4.9754	2.5427
V-53	1.7240	1.3980	2.0473	2.2108	1.7203	1.1793	5.6864	3.2255
W-177	5.5660	4.9009	6.4713	6.3805	5.2060	4.4269	9.5542	6.5687
W-178	0.4834	0.4254	0.5481	0.5269	0.3805	0.3351	0.5341	0.5790
W-179	1.4395	1.2899	1.5931	1.5754	1.2192	1.0470	1.5912	1.5121
W-179m	0.9968	0.9117	1.1699	1.0817	0.8785	0.7631	1.2341	1.0633
W-181	0.9458	0.8785	1.1098	1.0232	0.8194	0.7162	1.0688	0.9386
W-185m	0.8543	0.7020	0.9413	0.9286	0.6200	0.5585	0.9898	1.2101
W-185	0.0009	0.0009	0.0011	0.0010	0.0008	0.0008	0.0012	0.0009
W-187	1.8408	1.4911	2.1983	2.3136	1.7786	1.2932	4.5813	2.9009
W-188	0.0160	0.0149	0.0198	0.0186	0.0153	0.0136	0.0258	0.0192
W-190	2.4698	2.3371	3.0410	2.5719	2.2567	2.0612	3.1522	2.3178
Xe-120	2.8545	2.3431	2.7488	3.4302	2.6990	2.1186	5.0991	3.5849
Xe-121	2.3318	1.9799	2.4314	2.7876	2.2669	1.7795	4.9079	3.0349
Xe-122	1.0855	0.8804	0.9311	1.2849	1.0020	0.8217	1.3721	1.1266
Xe-123	2.3452	2.0556	2.4753	2.6775	2.2620	1.9402	3.8788	2.5168
Xe-125	2.8155	2.4091	2.6884	3.3098	2.6815	2.2099	4.3025	3.2645
Xe-127	2.9673	2.4025	2.9223	3.4534	2.8439	2.4281	4.3294	3.1151
Xe-127m	2.3532	2.0889	2.5266	2.5895	2.2706	2.0058	3.3041	2.3598
Xe-129m	1.5078	1.2070	1.1636	1.7628	1.3643	1.0465	1.6421	1.5065
Xe-131m	0.6327	0.5092	0.4940	0.7350	0.5656	0.4386	0.6846	0.6446
Xe-133	1.0404	0.8789	1.0194	1.0270	0.9707	0.7365	1.3903	0.8983
Xe-133m	0.7819	0.6523	0.6472	0.9202	0.7145	0.5583	0.9705	0.8696
Xe-135	1.7247	1.7999	1.8872	2.1256	1.7047	1.4116	3.4692	2.7174

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.5515	1.1263	1.5818	2.0924	1.5279	0.9420	4.5059	2.9068
Xe-137	0.6148	0.4387	0.6373	0.8210	0.6055	0.4547	1.5378	0.9380
Xe-138	2.1502	1.8489	2.3167	2.6318	2.1027	1.6816	4.9794	2.9555
Y-81	2.0279	1.7835	2.2540	2.0738	1.8761	1.6807	2.9443	2.0051
Y-83	1.3721	1.1139	1.4118	1.6200	1.2339	0.9422	2.8660	1.9112
Y-83m	1.6345	1.5021	1.7649	1.9860	1.5598	1.3249	3.1367	2.3054
Y-84m	5.5532	4.4102	6.8092	7.4997	5.5129	3.7175	18.4538	10.6301
Y-85	1.4420	1.0679	1.4700	1.8665	1.3740	0.8859	4.0015	2.6171
Y-85m	1.4843	1.2418	1.6047	1.7964	1.4014	1.0404	3.6844	2.2776
Y-86	5.7719	4.5755	6.6973	7.4753	5.6305	3.9420	17.2049	9.9501
Y-86m	1.7558	1.4255	1.8382	2.0421	1.7119	1.4421	2.9235	2.0881
Y-87	2.1738	1.6251	2.1332	2.6699	1.9789	1.4131	4.9996	3.4463
Y-87m	1.5039	1.1187	1.6977	1.8952	1.4465	1.4040	2.4480	1.4376
Y-88	3.7054	3.0295	4.0626	4.4438	3.5140	2.5113	10.5254	5.7515
Y-89m	1.6910	1.3578	2.1239	2.2864	1.6813	1.1382	5.7820	3.3328
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.4127	2.5432	3.4935	4.2463	3.3438	2.5526	7.2964	4.8291
Y-91	0.0044	0.0034	0.0051	0.0060	0.0044	0.0029	0.0140	0.0080
Y-91m	1.6947	1.2434	1.8648	2.3128	1.6747	1.0364	5.2723	3.3100
Y-92	0.4509	0.3541	0.5283	0.5987	0.4487	0.3047	1.4474	0.8281
Y-93	0.2255	0.2102	0.2644	0.2799	0.2255	0.1791	0.5539	0.3459
Y-94	1.3242	1.0550	1.6065	1.7650	1.3185	0.8978	4.3743	2.4929
Y-95	0.9678	0.7832	1.0582	1.2077	0.9659	0.6717	2.9793	1.5198
Yb-162	2.6868	2.5444	3.0325	3.0165	2.5526	2.2585	4.0457	2.6278
Yb-163	1.9371	1.7351	2.1722	2.3287	1.7999	1.4474	3.6994	2.3764
Yb-164	0.9882	0.9664	1.0390	1.1490	0.9043	0.7723	1.2236	0.8342
Yb-165	2.7581	2.5493	3.0174	3.0392	2.4717	2.0475	3.9977	2.7745
Yb-166	1.8572	1.8181	1.9761	2.0767	1.7011	1.4453	2.2942	1.5165
Yb-167	4.3363	4.1940	4.6948	4.7059	4.0079	3.5925	5.4470	3.8695
Yb-169	4.8820	4.5971	5.4334	5.4629	4.5852	4.0321	6.3399	4.3688
Yb-175	0.2548	0.2171	0.2905	0.3084	0.2466	0.2298	0.4025	0.2568
Yb-177	0.8426	0.7794	1.0050	0.9632	0.8209	0.7058	1.6128	0.9750
Yb-178	0.1952	0.1487	0.2293	0.2484	0.1902	0.1827	0.3216	0.1883
Yb-179	3.2623	2.5191	3.8748	4.3652	3.2213	2.2858	9.1578	5.5913
Zn-60	1.8771	1.5588	2.3999	2.4592	1.8531	1.3840	4.9768	3.0626
Zn-61	0.7570	0.5823	0.7932	0.9641	0.7501	0.5164	2.1869	1.2080
Zn-62	1.7665	1.3746	1.8695	2.2702	1.6003	1.1250	4.0984	2.9796
Zn-63	0.3126	0.2450	0.3791	0.4165	0.3002	0.2033	0.9810	0.5982
Zn-65	1.1972	0.9356	1.3560	1.5154	1.0495	0.7519	3.1441	2.2012
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.7026	1.1964	1.7699	2.2707	1.6600	1.3583	3.7741	2.3215
Zn-71	0.9228	0.6872	1.0002	1.2342	0.9158	0.6085	2.7071	1.6732
Zn-71m	5.2586	3.8836	5.9105	7.0440	5.2001	3.9013	13.7694	8.3400
Zn-72	2.2208	2.0107	2.5499	2.3484	1.9839	1.8612	3.0876	2.4266
Zr-85	1.6067	1.1806	1.7050	2.1096	1.5668	1.2419	3.8077	2.2929
Zr-86	3.2157	3.0116	3.1560	3.5198	2.8357	2.4635	4.8590	4.1669
Zr-87	0.2362	0.1942	0.2376	0.2619	0.2021	0.1612	0.4750	0.3272
Zr-88	2.3769	1.7794	2.4377	2.8339	2.1428	2.0809	3.4544	2.2965
Zr-89	2.2036	1.7946	2.5590	2.7369	2.0480	1.4949	6.2165	3.8308
Zr-89m	1.7164	1.2919	1.9698	2.3229	1.6883	1.0774	5.3599	3.2873
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6847	1.3158	2.2086	2.4230	1.6731	1.0980	5.8378	3.4581
Zr-97	2.0063	1.5703	2.5569	2.8344	1.9908	1.3271	6.7008	3.9767

Table 24: Concrete 5 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1945	0.1797	0.3371	0.4056
Ac-224	2.6642	2.3469	2.8204	3.2508
Ac-225	0.2535	0.2499	0.4202	0.5158
Ac-226	1.2691	1.1085	1.3058	1.4327
Ac-227	0.0301	0.0369	0.0982	0.1474
Ac-228	2.1212	1.4478	3.5731	3.2327
Ac-230	0.9127	0.5907	1.8240	1.2869
Ac-231	3.0660	2.4892	3.2504	3.3990
Ac-232	1.5097	0.9596	2.8701	2.1131
Ac-233	1.5758	0.9940	3.4562	1.2726
Ag-100m	3.0027	1.7711	5.6760	3.5958
Ag-101	2.4159	1.6997	3.5378	2.6882
Ag-102m	1.8395	1.1173	3.5562	2.0314
Ag-102	4.4949	2.6967	8.7450	5.2024
Ag-103	2.4157	1.9419	3.1508	2.8199
Ag-104	5.4123	3.2888	10.0958	7.1659
Ag-104m	2.2008	1.3822	4.4008	2.1602
Ag-105	2.6612	1.9552	3.7505	3.0511
Ag-105m	0.0129	0.0142	0.0424	0.0678
Ag-106	0.4748	0.3447	0.8996	0.5326
Ag-106m	6.6288	4.0362	12.8405	7.8417
Ag-108	0.0539	0.0358	0.1023	0.0544
Ag-108m	5.0031	3.0520	9.8084	5.0559
Ag-109m	0.2761	0.2446	0.3491	0.4672
Ag-110	0.0776	0.0472	0.1497	0.0762
Ag-110m	5.2915	3.0707	9.8929	7.1472
Ag-111	0.1403	0.1008	0.1749	0.1444
Ag-111m	0.1491	0.1323	0.2101	0.2786
Ag-112	1.2100	0.7267	2.3758	1.2085
Ag-113m	0.9845	0.7039	1.3681	1.0794
Ag-113	0.3092	0.2316	0.3456	0.3493
Ag-114	0.5056	0.3058	1.0374	0.4668
Ag-115	1.0805	0.7527	1.5511	1.1753
Ag-116	2.9417	1.7523	5.8955	3.1089
Ag-117	2.1053	1.4681	3.2014	2.2951
Ag-99	3.0774	2.0787	4.4895	3.8304
Al-26	1.5704	0.9112	2.9220	1.8648
Al-28	1.5339	0.8951	2.8683	1.7731
Al-29	1.6543	0.9123	3.2784	2.8276

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.9584	2.5196	3.5313	3.5339
Am-238	2.9380	2.2386	4.4530	4.1068
Am-239	3.1018	2.8430	3.4757	4.0965
Am-240	3.0665	2.3040	4.7780	4.9998
Am-241	1.2681	1.2840	1.1798	1.3668
Am-242	0.3569	0.3491	0.5241	0.6368
Am-242m	0.1642	0.1760	0.3602	0.4699
Am-243	0.9934	0.8073	1.1667	1.0599
Am-244	2.6286	1.9360	4.4929	4.3329
Am-244m	0.1169	0.1105	0.2217	0.2661
Am-245	0.3570	0.3246	0.3859	0.4323
Am-246	3.5637	2.8503	5.5262	5.2132
Am-246m	1.9034	1.1951	3.4140	3.2681
Am-247	1.3500	1.2066	1.4137	1.6159
Ar-37	0.0090	0.0122	0.0448	0.0765
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.6286	0.9012	3.2554	2.7937
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9539	1.1211	3.6579	2.8184
Ar-44	2.8917	1.9635	4.3770	3.2561
As-68	3.8239	2.2145	7.1316	5.4332
As-69	0.5387	0.4106	0.7316	0.6948
As-70	4.9799	2.9131	9.3035	7.2460
As-71	1.8213	1.5494	2.4550	2.7267
As-72	1.6194	0.9262	2.9532	2.7247
As-73	0.4286	0.5127	1.6799	2.7806
As-74	1.3043	0.8429	2.8115	1.4565
As-76	1.0125	0.6154	2.0999	0.9058
As-77	0.0500	0.0395	0.0559	0.0456
As-78	2.2685	1.3394	4.4064	2.6455
As-79	0.1031	0.0598	0.1980	0.1099
At-204	6.6787	4.2203	12.7968	6.7489
At-205	3.0633	2.1481	4.9321	3.8863
At-206	6.8530	4.3158	12.6152	7.5316
At-207	4.9383	3.3215	8.1740	6.3975
At-208	7.8542	5.2569	13.0230	9.7908
At-209	7.0066	4.7077	11.5852	9.2358
At-210	5.9862	4.1519	9.3702	8.3171
At-211	0.5756	0.4972	0.7242	0.8109
At-215	0.0008	0.0004	0.0017	0.0007

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0326	0.0278	0.0380	0.0409
At-217	0.0016	0.0013	0.0018	0.0017
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.4780	1.8857	2.9445	2.4319
Au-186	3.6310	2.6260	5.0823	4.4890
Au-187	2.6518	1.8778	4.5294	3.6889
Au-190	4.3547	3.1105	6.1562	5.2472
Au-191	3.3830	2.5018	5.3569	3.9335
Au-192	3.9862	2.8340	5.7351	5.0017
Au-193	1.9288	1.5708	2.6581	2.4881
Au-193m	1.5651	1.3333	1.8020	2.0974
Au-194	3.1311	2.2635	4.5390	3.9534
Au-195	1.4351	1.2210	2.2304	2.3451
Au-195m	1.5767	1.3400	1.8244	2.1294
Au-196	2.9375	2.0839	4.4395	3.3003
Au-196m	2.9500	2.6060	3.9854	4.4913
Au-198	1.6762	0.8936	3.6890	1.2762
Au-198m	5.3198	4.4283	5.6892	6.5601
Au-199	1.0708	0.9441	1.1840	1.1822
Au-200	0.6094	0.3609	1.1200	0.7756
Au-200m	7.7750	5.3645	12.3959	7.8404
Au-201	0.1487	0.1092	0.2997	0.2085
Au-202	0.3877	0.2195	0.7968	0.4529
Ba-124	1.7899	1.4289	2.2027	2.2941
Ba-126	2.3530	1.7933	3.0500	2.9737
Ba-127	0.9458	0.8056	1.0654	1.1986
Ba-128	0.8860	0.7953	0.8571	1.2143
Ba-129	1.0105	0.8773	1.1034	1.3465
Ba-129m	4.7895	3.3260	7.5925	5.8781
Ba-131	2.9101	2.2905	4.1527	3.0606
Ba-131m	1.2538	1.1458	1.2038	1.4816
Ba-133	3.1494	2.4558	3.8094	3.6279
Ba-133m	0.7931	0.7137	0.8658	1.2032
Ba-135m	0.7264	0.6465	0.7043	0.9463
Ba-137m	1.5456	0.9507	2.9360	1.5423
Ba-139	0.4439	0.3896	0.4256	0.4055
Ba-140	0.8336	0.6190	1.5195	1.0148
Ba-141	3.1566	2.2640	4.2218	3.5395
Ba-142	2.7061	1.8145	4.0659	3.6198

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1726	0.1027	0.3841	0.1215
Bi-197	3.5182	2.3510	5.9036	5.2776
Bi-200	7.6045	4.9167	13.6064	8.5383
Bi-201	3.5857	2.3878	6.0121	5.2464
Bi-202	7.0205	4.4321	12.6030	8.6985
Bi-203	4.5167	2.9586	7.5429	6.4179
Bi-204	6.9668	4.4227	11.9031	9.7806
Bi-205	3.3469	2.2512	5.7172	4.5083
Bi-206	8.0891	5.2006	14.0029	10.6978
Bi-207	3.9737	2.6292	7.2420	4.9772
Bi-208	2.1418	1.4169	3.6358	2.8615
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6095	1.2874	1.5907	1.7012
Bi-211	0.2540	0.1748	0.3701	0.2678
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2311	0.1570	0.4744	0.4357
Bi-213	0.5201	0.3092	1.0786	0.4294
Bi-214	2.1698	1.2817	4.1738	2.6167
Bi-215	1.1436	0.8734	1.3533	1.3622
Bi-216	2.4576	1.4733	5.2505	1.8574
Bk-245	2.8001	2.5573	3.0797	3.3439
Bk-246	2.9266	2.2211	4.5328	4.7446
Bk-247	1.5503	1.3272	1.4891	1.6057
Bk-248m	0.5533	0.5016	0.7735	0.7594
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.6284	1.0024	2.9470	2.9024
Bk-251	1.3218	1.2595	1.5880	1.7771
Br-72	3.1088	1.7780	5.8360	4.6800
Br-73	1.6404	1.1190	2.6528	1.9165
Br-74	3.4552	2.1594	6.1183	4.0154
Br-74m	4.3735	2.6305	8.2551	5.1199
Br-75	2.2345	1.7251	2.6597	2.5502
Br-76	3.0798	1.8910	6.2515	3.6451
Br-76m	0.7823	0.6703	1.3295	1.4806
Br-77	1.4410	1.1339	2.5566	2.1859
Br-77m	0.3310	0.3526	0.6280	0.8295
Br-78	0.2424	0.1577	0.5132	0.2641
Br-80	0.1485	0.0980	0.3169	0.1805
Br-80m	0.5774	0.5751	1.2340	1.4669

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1385	0.1813	0.4872	0.6808
Br-82	5.4105	3.1714	10.3327	6.8793
Br-83	0.0213	0.0132	0.0463	0.0156
Br-84m	4.9544	2.7726	9.8599	6.1879
Br-84	1.7574	1.0113	3.1170	2.6112
Br-85	0.1180	0.0675	0.2075	0.1893
C-10	1.6489	0.9552	3.0576	2.1259
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0160	0.0218	0.0799	0.1366
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.4390	0.8027	2.8738	2.3459
Ca-49	1.4743	0.8884	2.6670	1.9293
Cd-101	3.0644	2.0931	4.7807	3.8262
Cd-102	2.5306	1.7169	4.6281	2.7109
Cd-103	2.4299	1.5708	4.2649	3.2968
Cd-104	1.7451	1.3651	2.3095	2.1962
Cd-105	1.6618	1.0929	2.8454	2.2881
Cd-107	0.7840	0.6955	0.9973	1.3424
Cd-109	0.7206	0.6410	0.9254	1.2521
Cd-111m	2.3666	2.0113	2.1529	2.3456
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0006	0.0008	0.0010
Cd-115	0.6580	0.4232	1.3452	0.5053
Cd-115m	0.0548	0.0312	0.1030	0.0887
Cd-117	2.2333	1.4563	3.5427	2.8006
Cd-117m	2.5862	1.4948	4.8087	3.5985
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.6598	1.7597	4.0789	3.2729
Cd-119m	3.0477	1.7689	5.6414	4.2661
Ce-130	2.7747	2.2784	3.2885	3.2277
Ce-131	3.4263	2.3733	5.5574	3.9237
Ce-132	2.6555	2.2272	2.7199	2.8546
Ce-133	2.0756	1.7441	2.2508	2.2711
Ce-133m	4.7409	3.2403	7.9661	5.1936
Ce-134	0.6628	0.5850	0.7225	0.8857
Ce-135	3.5335	2.6028	4.8863	3.8622
Ce-137	0.7257	0.6404	0.9330	1.1318
Ce-137m	0.7059	0.5840	0.7760	0.8111
Ce-139	2.0281	1.7897	2.0135	2.1075

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.9350	0.8414	0.9433	0.8237
Ce-143	1.7656	1.3298	2.0670	1.8567
Ce-144	0.2718	0.2415	0.2868	0.2589
Ce-145	2.8784	1.9087	4.5768	3.3587
Cf-244	0.0613	0.0645	0.1269	0.1613
Cf-246	0.0424	0.0445	0.0873	0.1108
Cf-247	1.6405	1.5785	2.2069	2.5633
Cf-248	0.0512	0.0535	0.1051	0.1329
Cf-249	1.6973	1.0984	3.0766	1.7168
Cf-250	0.0558	0.0515	0.1085	0.1210
Cf-251	1.5773	1.4505	1.7928	2.0344
Cf-252	0.8245	0.5432	1.4127	1.0138
Cf-253	0.1455	0.1487	0.2833	0.3805
Cf-254	28.8993	18.4788	49.0597	33.5242
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.7212	1.2122	2.5652	2.0067
Cl-36	0.0001	0.0002	0.0006	0.0011
Cl-38	1.1382	0.6582	2.0941	1.3261
Cl-39	2.3930	1.5628	3.8252	3.1745
Cl-40	3.0498	1.7939	5.7039	3.9293
Cm-238	1.2625	1.1809	1.3930	1.5775
Cm-239	3.0162	2.6944	3.0822	3.4924
Cm-240	0.0656	0.0711	0.1413	0.1782
Cm-241	3.2342	2.5983	5.3863	3.8220
Cm-242	0.0588	0.0638	0.1268	0.1599
Cm-243	1.5320	1.3926	1.7712	2.1352
Cm-244	0.0504	0.0547	0.1089	0.1373
Cm-245	1.6017	1.4917	1.8112	2.0832
Cm-246	0.0464	0.0476	0.0973	0.1167
Cm-247	1.4086	0.7843	2.9079	1.1135
Cm-248	2.2906	1.4816	3.9052	2.7169
Cm-249	0.0906	0.0793	0.2511	0.2849
Cm-250	22.7976	14.5763	38.7191	26.4340
Cm-251	0.4593	0.3296	0.8331	0.4594
Co-54m	4.8810	2.6970	9.9343	6.4412
Co-55	2.1395	1.2380	4.0990	3.2955
Co-56	4.1285	2.3602	7.7707	7.0132
Co-57	1.6323	1.6004	2.1076	2.4416
Co-58	1.7110	0.9884	3.1694	3.2670

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0644	0.0876	0.3203	0.5476
Co-60	3.2813	1.8316	6.4465	5.5796
Co-60m	0.0958	0.1136	0.3830	0.6228
Co-61	1.0262	0.7714	1.3170	0.9424
Co-62	1.8844	1.0542	3.5914	3.1495
Co-62m	3.3448	1.8700	6.3944	5.6118
Cr-48	3.2191	2.7371	3.0430	3.6191
Cr-49	1.4056	1.1974	1.3378	1.2130
Cr-51	0.2054	0.1791	0.3471	0.5075
Cr-55	0.0007	0.0004	0.0013	0.0008
Cr-56	1.5736	1.3118	1.5611	1.8638
Cs-121	1.1860	0.9068	1.5640	1.2337
Cs-121m	2.2062	1.6688	2.8284	2.4072
Cs-123	1.6137	1.2186	2.1978	1.8387
Cs-124	0.6613	0.4339	1.0526	0.7427
Cs-125	1.3616	0.9935	2.2219	1.4791
Cs-126	1.1139	0.6631	2.1452	1.1032
Cs-127	2.2068	1.5365	3.7275	2.2749
Cs-128	0.7447	0.4914	1.3925	0.7486
Cs-129	1.9401	1.4367	2.8850	2.2450
Cs-130m	1.3621	1.1969	1.3783	1.7718
Cs-130	0.4304	0.3709	0.5254	0.6116
Cs-131	0.5977	0.5577	0.5879	0.9404
Cs-132	2.2937	1.5734	3.8690	2.6505
Cs-134	3.6786	2.1593	7.0438	4.3734
Cs-134m	0.4840	0.4710	0.6125	0.8453
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.2482	1.8104	5.6840	5.4456
Cs-136	4.7813	2.9954	7.6495	7.1835
Cs-137	1.4196	1.4689	1.5763	1.6970
Cs-138m	1.3099	0.9672	1.9892	1.5956
Cs-138	3.1798	1.8569	6.1800	4.0241
Cs-139	0.3267	0.1871	0.6274	0.4578
Cs-140	2.1704	1.2837	4.1764	2.4571
Cu-57	0.1669	0.0942	0.3134	0.2854
Cu-59	0.8198	0.4806	1.5234	1.1559
Cu-60	3.1933	1.8221	6.1205	4.7392
Cu-61	0.6344	0.4539	1.0741	0.9441
Cu-62	0.0116	0.0080	0.0277	0.0328
Cu-64	0.0461	0.0567	0.2070	0.3400

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1564	0.0892	0.2864	0.2711
Cu-67	1.1750	0.9927	1.1101	1.2949
Cu-69	0.9500	0.5494	1.7727	1.4278
Dy-148	2.4223	1.5384	4.1480	2.0987
Dy-149	3.7030	2.3862	5.5470	4.4431
Dy-150	1.5889	0.9002	2.9522	1.2883
Dy-151	3.5924	2.2550	6.0817	4.2072
Dy-152	2.4332	1.8970	2.2487	2.2318
Dy-153	4.1049	2.8541	5.3045	4.2161
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.9946	2.1445	3.5900	3.2448
Dy-157	2.4508	1.7793	2.6482	2.6120
Dy-159	0.9495	0.6496	1.0390	0.8988
Dy-165m	0.2112	0.1755	0.3738	0.4414
Dy-165	0.2049	0.1471	0.2384	0.2021
Dy-166	0.7516	0.5535	0.8310	0.8911
Dy-167	2.3705	1.7113	3.2288	2.2584
Dy-168	2.0857	1.4393	3.2345	1.9402
Er-154	1.0309	0.7808	1.1220	1.3966
Er-156	1.2547	0.9750	1.6369	1.9631
Er-159	2.9096	1.9286	4.4458	3.0185
Er-161	2.9878	1.9090	4.3326	4.1472
Er-163	0.7911	0.5491	0.7971	0.8212
Er-165	0.7605	0.5292	0.7703	0.8007
Er-167m	0.9110	0.7217	0.8750	1.1324
Er-169	0.0019	0.0026	0.0092	0.0158
Er-171	2.6480	2.1106	2.5235	2.9843
Er-172	2.3587	1.4693	4.1152	2.0869
Er-173	3.9881	2.9954	4.5932	5.0574
Es-249	2.6455	2.1235	3.8287	3.1702
Es-250	6.7260	5.5817	9.6257	10.1286
Es-250m	2.2051	1.8248	3.0846	3.1465
Es-251	1.5708	1.5162	1.9968	2.2859
Es-253	0.0180	0.0182	0.0368	0.0459
Es-254	0.5766	0.6106	1.2802	1.7120
Es-254m	1.4112	0.9484	2.6507	1.7582
Es-255	0.0012	0.0008	0.0020	0.0014
Es-256	0.0950	0.0948	0.1685	0.2272
Eu-142	0.3828	0.2234	0.6706	0.5116
Eu-142m	5.4909	3.2441	10.4353	7.4843

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6334	0.3960	1.0386	0.7526
Eu-144	0.2858	0.1763	0.4840	0.3041
Eu-145	2.6644	1.6196	4.4683	3.3519
Eu-146	5.2100	3.1111	9.4608	6.0216
Eu-147	2.4431	1.7397	3.2769	2.5850
Eu-148	6.1157	3.7471	11.8182	5.6029
Eu-149	0.9347	0.6626	1.2778	0.9649
Eu-150	5.6580	3.5836	9.7469	5.4863
Eu-150m	0.2158	0.1392	0.3316	0.2078
Eu-152	3.3368	2.2283	5.1275	4.0885
Eu-152m	0.8781	0.5697	1.3517	1.1621
Eu-152n	1.2349	1.0233	1.3571	1.4848
Eu-154	2.9521	1.9796	4.7234	4.0151
Eu-154m	1.2682	1.0433	1.6474	1.7081
Eu-155	0.9805	0.7956	0.9444	0.9316
Eu-156	1.8294	1.0866	3.2300	2.6575
Eu-157	1.8614	1.2088	3.0404	1.7713
Eu-158	2.3757	1.4220	4.1073	3.6851
Eu-159	1.9791	1.3906	2.5277	1.9424
F-17	0.0006	0.0003	0.0010	0.0010
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6880	1.4863	1.6679	1.6838
Fe-53	0.7385	0.4275	1.4073	0.6509
Fe-53m	4.7137	2.7026	8.9018	7.0148
Fe-55	0.0532	0.0725	0.2656	0.4540
Fe-59	1.7178	0.9813	3.2448	2.9321
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.2790	1.4175	3.8188	3.4757
Fe-62	1.6376	1.0165	3.6325	1.1390
Fm-251	1.6088	1.4817	2.1009	2.2323
Fm-252	0.0477	0.0484	0.0901	0.1163
Fm-253	1.1575	1.1251	1.6110	1.9341
Fm-254	0.0599	0.0564	0.1108	0.1310
Fm-255	0.4936	0.5151	0.9978	1.3086
Fm-256	21.4958	13.7585	36.4618	25.0036
Fm-257	1.6803	1.5557	2.0550	2.3111
Fr-212	3.2308	2.4071	4.7215	4.7050
Fr-219	0.0183	0.0129	0.0282	0.0180
Fr-220	0.1626	0.1515	0.2430	0.2917
Fr-221	0.2527	0.2081	0.2436	0.2882

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.4269	1.2171	1.5815	1.9296
Fr-223	0.8158	0.6599	0.9116	1.0708
Fr-224	1.7504	1.3301	2.3634	2.3096
Fr-227	2.5892	1.9789	3.7248	2.6546
Ga-64	2.3204	1.3397	4.2056	3.5538
Ga-65	1.5273	1.2907	1.9465	1.9850
Ga-66	1.5630	0.9489	2.9669	2.6891
Ga-67	1.5151	1.3150	2.0622	2.6594
Ga-68	0.0722	0.0513	0.1753	0.2124
Ga-70	0.0162	0.0111	0.0268	0.0278
Ga-72	3.6126	2.0564	6.5457	5.1720
Ga-73	1.9901	1.6261	2.6483	3.4491
Ga-74	3.9942	2.3646	7.7415	4.3031
Gd-142	1.5168	1.0275	2.2438	1.6049
Gd-143m	4.1605	2.8589	5.7744	4.6472
Gd-144	0.9490	0.6103	1.4117	0.9897
Gd-145m	1.6809	1.0275	3.0696	2.3352
Gd-145	2.3731	1.4275	4.0171	2.8477
Gd-146	3.8406	3.0928	4.1306	3.3107
Gd-147	4.9838	3.2494	7.5584	5.5304
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.3333	2.4614	4.1390	3.2487
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1117	0.8236	1.3987	1.1823
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.9338	1.4504	2.0841	1.6755
Gd-159	0.4139	0.2725	0.5656	0.3838
Gd-162	1.7357	0.9683	3.7660	1.4098
Ge-66	2.3531	1.7208	3.8951	3.1923
Ge-67	1.8895	1.5248	2.2208	2.0067
Ge-68	0.1309	0.1784	0.6510	1.1110
Ge-69	1.3032	0.8356	2.7741	2.6743
Ge-71	0.1328	0.1809	0.6602	1.1269
Ge-75	0.2266	0.1828	0.2073	0.2163
Ge-77	3.8944	2.7280	5.4620	4.1195
Ge-78	1.7152	1.3856	1.4957	1.7236
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6830	1.3003	1.6974	1.9876
Hf-169	2.4909	1.6565	4.4802	2.2327
Hf-170	3.0673	2.3388	4.2195	3.3869

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	1.9137	1.5426	2.5011	2.8418
Hf-173	3.8039	3.1876	4.0111	4.0923
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.5117	1.7882	3.2457	2.8058
Hf-177m	15.3138	11.8752	17.3464	16.7401
Hf-178m	11.4671	8.1727	17.1499	11.4219
Hf-179m	6.0839	4.5143	8.7261	6.3437
Hf-180m	5.7601	4.1101	8.1397	5.9449
Hf-181	2.7643	2.0266	4.7250	2.5611
Hf-182	1.6994	1.3910	1.5728	1.6992
Hf-182m	4.6400	3.3532	6.6817	5.2624
Hf-183	2.5190	1.5882	4.2169	3.1097
Hf-184	2.1945	1.8625	3.2392	3.5131
Hg-190	2.6463	2.3371	3.3651	3.3227
Hg-191m	5.4291	3.9111	8.3752	6.3288
Hg-192	2.7292	2.2831	3.3724	3.5917
Hg-193	2.9222	2.1243	4.6285	4.1510
Hg-193m	3.1442	2.0872	5.6490	3.8411
Hg-194	0.0791	0.1070	0.3519	0.5703
Hg-195	1.4861	1.1944	2.4039	2.4286
Hg-195m	1.6129	1.3705	2.6592	2.8992
Hg-197	1.2562	1.0669	1.9230	2.0684
Hg-197m	1.2700	1.1663	1.8175	2.0555
Hg-199m	1.9556	1.6550	2.5918	2.3697
Hg-203	1.5732	1.2757	1.4618	1.6635
Hg-205	0.0468	0.0378	0.0463	0.0566
Hg-206	0.7147	0.5609	0.7545	0.8348
Hg-207	4.3351	2.7181	7.3713	5.5508
Ho-150	2.4051	1.3866	4.2683	3.4382
Ho-153	2.6258	1.8756	3.1969	2.9400
Ho-153m	2.9732	2.1232	3.9944	2.9531
Ho-154m	7.1711	4.4231	12.8460	7.0411
Ho-154	3.6405	2.3643	5.6711	4.1121
Ho-155	2.2698	1.6464	2.7756	2.4343
Ho-156	4.7437	3.3942	6.3638	5.3728
Ho-157	3.4307	2.4672	4.0336	3.6014
Ho-159	3.7010	2.9026	3.8220	3.7390
Ho-160	4.7419	2.9800	7.5103	6.2520
Ho-161	1.1965	0.8964	1.3219	1.5028
Ho-162	1.1043	0.7675	1.2832	1.2314

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.4392	1.7413	3.1729	3.2816
Ho-163	0.0021	0.0029	0.0107	0.0182
Ho-164	0.5924	0.4199	0.6405	0.6379
Ho-164m	0.9811	0.7386	1.3066	1.5505
Ho-166	0.2266	0.1740	0.2960	0.3457
Ho-166m	5.5684	3.7671	8.1709	6.9158
Ho-167	2.0767	1.4625	2.6733	2.1934
Ho-168	2.1313	1.2960	3.5660	3.1750
Ho-168m	0.1574	0.1301	0.2820	0.3960
Ho-170	4.7758	3.2144	6.8558	6.6783
I-118m	6.8698	4.2078	13.2226	7.3691
I-118	2.3546	1.4373	4.6382	2.3796
I-119	2.1677	1.7494	2.1830	2.2841
I-120	2.7969	1.7381	5.3670	2.9527
I-120m	5.9286	3.6354	11.8012	5.8149
I-121	2.2650	1.8409	2.3133	2.7678
I-122	0.5108	0.3502	0.9105	0.5516
I-123	2.1098	1.8940	2.0726	2.2672
I-124	2.0605	1.3839	3.6388	2.2865
I-125	1.1431	1.0443	1.1286	1.8716
I-126	1.5867	1.0108	2.8645	1.6971
I-128	0.2792	0.1718	0.5661	0.2467
I-129	0.6402	0.5785	0.6449	0.9314
I-130m	0.4342	0.3171	0.7961	0.5142
I-130	5.5217	3.2590	11.0511	5.6550
I-131	1.6463	1.6812	1.8077	2.0027
I-132	4.8838	2.8654	9.1987	6.0853
I-132m	1.2384	0.8876	2.0053	1.6059
I-133	1.7241	1.0581	3.6524	1.4489
I-134m	2.1882	1.8142	2.0378	2.5494
I-134	4.9811	2.8851	9.0624	7.3290
I-135	2.1798	1.2632	4.1183	3.2077
In-103	3.4422	2.2530	5.3865	4.4817
In-105	2.9739	2.1521	4.4073	3.5114
In-106	5.8502	3.5008	10.9016	7.5232
In-106m	2.6694	1.6160	5.0717	2.7692
In-107	2.6942	1.8813	3.9173	3.4222
In-108	7.5318	4.7196	12.9067	10.1273
In-108m	2.7082	1.7041	4.9201	3.0154
In-109	2.6477	1.9938	3.3149	3.3698

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.5767	0.9648	3.0526	1.4711
In-110	6.8823	4.1598	12.5196	9.4373
In-110m	2.0424	1.2796	3.7933	2.1956
In-111	3.7029	3.1553	3.4412	3.8461
In-111m	1.4963	0.9433	3.1614	1.1510
In-112	0.2764	0.2166	0.4136	0.3938
In-112m	0.6213	0.5538	0.6485	0.8853
In-113m	1.2863	0.7468	2.5442	1.1784
In-114	0.0059	0.0042	0.0100	0.0091
In-114m	0.6289	0.5110	0.7414	0.8698
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.0231	0.7713	1.2320	1.2689
In-116m	3.5353	1.9931	6.8690	5.3381
In-117	3.1705	2.3859	4.9493	2.5048
In-117m	0.7388	0.6232	0.7091	0.8578
In-118m	4.4662	2.5512	8.5221	6.9417
In-118	0.1102	0.0616	0.2186	0.1816
In-119	1.7694	1.0362	3.1194	2.7793
In-119m	0.1793	0.1289	0.2691	0.3105
In-121	1.7951	1.0563	3.0840	2.8761
In-121m	0.5482	0.4342	0.6312	0.7310
Ir-180	3.9079	2.8601	5.8341	4.8027
Ir-182	3.6571	2.7864	5.1249	4.5854
Ir-183	3.5025	2.5205	5.6880	4.5759
Ir-184	5.6319	4.0091	8.7882	7.0015
Ir-185	2.9310	2.2611	4.7735	4.3176
Ir-186	5.4193	3.9078	8.3850	6.4905
Ir-186m	3.0874	2.1435	5.0766	4.1275
Ir-187	1.9671	1.4719	3.4046	2.8739
Ir-188	3.8114	2.6190	6.4730	4.6604
Ir-189	1.1963	0.9962	1.9312	1.9668
Ir-190	6.2762	4.2498	11.0014	6.2623
Ir-190m	0.0740	0.1008	0.3607	0.6097
Ir-190n	0.9806	0.8067	1.5526	1.4802
Ir-191m	1.1812	1.0662	1.8884	2.0347
Ir-192	3.8301	2.7833	5.0945	3.9999
Ir-192m	0.0858	0.1164	0.3962	0.6525
Ir-192n	0.1862	0.2482	0.8316	1.3584
Ir-193m	0.0784	0.1037	0.3620	0.6040
Ir-194	0.3522	0.2535	0.4421	0.4099

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	8.3176	5.4033	14.8051	7.8173
Ir-195	0.9607	0.8204	1.4299	1.5270
Ir-195m	2.1499	1.5769	3.3162	2.5253
Ir-196	0.7264	0.4516	1.2228	0.8470
Ir-196m	8.9068	5.4370	17.5644	7.9652
K-38	1.5133	0.8532	2.6897	1.8490
K-40	0.1715	0.1006	0.3406	0.2396
K-42	0.2940	0.1751	0.5679	0.3549
K-43	3.3062	1.9945	6.3049	2.8133
K-44	2.4208	1.3822	4.4946	3.6341
K-45	2.8387	1.9961	4.1491	3.1801
K-46	2.3992	1.3853	4.5383	3.6533
Kr-74	2.1212	1.7684	2.3841	2.5213
Kr-75	1.9541	1.7484	2.2463	2.0618
Kr-76	2.4604	1.9178	3.4807	3.1960
Kr-77	2.0642	1.9324	2.1841	2.0691
Kr-79	0.8967	0.7169	1.6696	1.4793
Kr-81	0.1637	0.2184	0.5796	0.8160
Kr-81m	1.1880	1.0042	1.1719	1.4294
Kr-83m	0.0712	0.0954	0.2640	0.3843
Kr-85	0.0071	0.0044	0.0157	0.0050
Kr-85m	1.4926	1.3395	1.4540	1.3488
Kr-87	1.3639	0.7320	2.8104	1.3268
Kr-88	2.1919	1.3957	3.5145	2.7981
Kr-89	2.7919	1.7346	4.8921	3.3664
La-128	5.2169	3.4515	8.6110	5.8184
La-129	1.9872	1.5515	2.4851	2.1211
La-130	3.7515	2.3626	6.6373	4.2084
La-131	2.5147	1.9123	3.4796	2.6352
La-132	3.2880	2.0648	6.3682	3.3512
La-132m	2.7174	2.0613	4.0849	2.9006
La-133	0.8420	0.7450	1.0334	1.3058
La-134	0.3605	0.2962	0.4842	0.4624
La-135	0.6769	0.6198	0.7195	0.9697
La-136	0.4708	0.4189	0.5158	0.6982
La-137	0.6229	0.5804	0.6321	0.9165
La-138	1.9479	1.2278	3.4145	2.9226
La-140	3.4728	2.1153	6.4966	3.8803
La-141	0.0309	0.0175	0.0609	0.0472
La-142	2.4503	1.4388	4.5643	2.8894

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3539	0.2052	0.6766	0.4507
Lu-165	3.4611	2.5053	4.6510	3.8010
Lu-167	3.9260	2.6889	5.8512	4.8430
Lu-169m	0.0537	0.0732	0.2675	0.4570
Lu-169	3.5691	2.3976	5.2162	4.7268
Lu-170	3.6351	2.2808	5.9876	5.0932
Lu-171m	0.0619	0.0809	0.2866	0.4843
Lu-171	2.9089	1.9976	4.4359	4.2168
Lu-172	5.1057	3.3202	8.0255	7.3023
Lu-172m	0.0483	0.0658	0.2406	0.4110
Lu-173	2.3607	1.7720	2.4629	2.6211
Lu-174	1.0613	0.7739	1.3175	1.4599
Lu-174m	1.0885	0.8588	1.6480	1.9404
Lu-176	3.5198	2.8085	3.4658	4.3670
Lu-176m	0.2538	0.2154	0.3683	0.4558
Lu-177	0.3597	0.2998	0.3638	0.4286
Lu-177m	7.6926	5.9371	9.2093	8.1344
Lu-178	0.3216	0.2326	0.5140	0.5134
Lu-178m	6.6808	4.8627	8.8267	6.9689
Lu-179	0.2293	0.1845	0.2108	0.2530
Lu-180	3.4961	2.2129	6.0136	4.7097
Lu-181	2.4477	1.7495	3.8103	3.1075
Mg-27	1.6601	0.9349	2.9329	2.8246
Mg-28	2.7794	1.7349	4.9423	3.8434
Mn-50m	5.4823	3.1133	10.2576	8.5919
Mn-51	0.0098	0.0066	0.0221	0.0237
Mn-52	4.9361	2.8420	9.2847	7.7160
Mn-52m	1.6123	0.9304	3.1786	2.2621
Mn-53	0.0434	0.0591	0.2163	0.3697
Mn-54	1.6905	0.9728	3.1083	3.1690
Mn-56	2.2960	1.2891	4.0851	3.5674
Mn-57	0.5217	0.4662	0.9280	1.0007
Mn-58m	3.6963	2.0746	7.0017	5.5928
Mo-101	2.7789	1.7486	5.0037	3.5084
Mo-102	0.1642	0.1395	0.1537	0.1617
Mo-89	0.3552	0.2092	0.6661	0.5097
Mo-90	3.5589	3.0432	4.0473	3.8122
Mo-91m	1.5550	0.9299	3.0265	1.8701
Mo-91	0.0371	0.0324	0.0636	0.0546
Mo-93	0.3486	0.3667	0.5599	0.5830

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	4.3643	2.8498	7.3333	5.0615
Mo-99	0.5006	0.3487	0.7433	0.6232
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0570	0.6778	2.0322	1.4604
Na-22	1.6456	0.9055	3.2955	2.8901
Na-24	3.1303	1.7934	5.9213	4.3475
Nb-87	2.2849	1.9576	2.2269	2.6681
Nb-88m	5.9723	3.4536	11.4761	7.7965
Nb-88	7.1316	4.4075	13.0732	9.4038
Nb-89	0.5918	0.3875	1.0892	0.8100
Nb-89m	1.5379	0.9780	3.3166	1.2587
Nb-90	4.7080	3.2109	7.6382	6.2713
Nb-91	0.3327	0.3634	0.5523	0.5771
Nb-91m	0.3363	0.3364	0.5484	0.5648
Nb-92	3.6184	2.3034	6.9573	4.6201
Nb-92m	2.0142	1.3176	3.5518	3.4523
Nb-93m	0.0652	0.0695	0.1149	0.1296
Nb-94m	0.2458	0.2546	0.3999	0.4186
Nb-94	3.2637	1.8679	5.9435	4.7453
Nb-95	1.6449	0.9227	2.9360	2.5323
Nb-95m	0.6903	0.6190	0.7656	0.8363
Nb-96	5.2408	3.0379	9.8727	7.1287
Nb-97	1.6537	0.9969	3.2085	1.6036
Nb-98m	5.1041	2.9460	9.2011	7.3832
Nb-99	2.2912	2.1166	2.2850	2.2096
Nb-99m	1.0670	0.6952	1.7665	1.2264
Nd-134	2.6871	2.1900	2.9422	2.6274
Nd-135	3.1690	2.2920	4.4495	3.1694
Nd-136	2.1335	1.6715	2.6994	2.1296
Nd-137	2.7870	1.9140	4.2231	3.1838
Nd-138	0.7804	0.6122	0.9300	0.8391
Nd-139	0.9109	0.6367	1.3910	0.9983
Nd-139m	4.4509	2.9786	6.9074	5.8074
Nd-140	0.6775	0.5329	0.8211	0.7292
Nd-141	0.7080	0.5505	0.8762	0.7762
Nd-141m	1.5650	0.8941	2.7835	2.3019
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1418	0.8365	1.5188	0.9837
Nd-149	2.3817	1.8261	2.8424	2.2872
Nd-151	2.8575	2.0775	4.0034	3.2559

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.0634	0.8579	1.0706	1.1076
Ne-19	0.0003	0.0002	0.0003	0.0003
Ne-24	1.7880	1.0499	3.9185	1.3958
Ni-56	5.4040	3.8310	8.1958	6.8150
Ni-57	1.9073	1.2183	3.6186	2.9773
Ni-59	0.0752	0.1024	0.3750	0.6410
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7375	0.4284	1.4092	1.0385
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.5585	3.4296	6.2323	6.5306
Np-233	1.3345	1.2180	1.4479	1.6671
Np-234	2.4726	1.8863	3.8919	3.3945
Np-235	0.2010	0.2307	0.4965	0.6600
Np-236	2.4410	2.3301	3.1644	3.6293
Np-236m	0.7130	0.6551	0.8270	0.9437
Np-237	0.6986	0.6893	1.0623	1.3411
Np-238	1.1739	0.7759	2.1767	2.2003
Np-239	2.1159	1.9075	2.3348	2.7480
Np-240	3.5494	2.6081	6.0426	4.9183
Np-240m	0.9718	0.6870	1.9209	1.2238
Np-241	0.5149	0.4731	0.5893	0.6533
Np-242	0.4124	0.2519	0.7715	0.6249
Np-242m	2.9039	2.1449	4.6595	4.8076
O-14	1.5179	0.8587	2.6865	1.8042
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.5379	1.8373	3.2059	3.2548
Os-180	1.3494	1.0791	2.2798	2.2322
Os-181	4.4852	3.2277	6.6321	6.1083
Os-182	2.7861	2.1284	4.4737	3.2582
Os-183	4.0794	2.8901	6.6393	4.6330
Os-183m	2.4175	1.5939	4.2224	3.8898
Os-185	2.4494	1.6501	4.3919	2.8733
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0708	0.0964	0.3473	0.5889
Os-190m	6.3531	4.3109	11.3470	6.2494
Os-191	1.2941	1.1598	2.0136	2.1214
Os-191m	0.1701	0.1740	0.4870	0.6945
Os-193	0.4936	0.3872	0.7979	0.6396
Os-194	0.1144	0.1194	0.3518	0.5221
Os-196	0.5595	0.4265	0.8235	0.6120

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0011	0.0006	0.0020	0.0014
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4134	0.3871	0.6046	0.6806
Pa-228	4.4737	3.3134	7.1190	6.3430
Pa-229	1.0796	0.9924	1.2638	1.4790
Pa-230	2.4735	1.8593	3.9467	3.5831
Pa-231	0.5646	0.5687	1.0381	1.3912
Pa-232	2.5080	1.6871	4.5477	3.7195
Pa-233	1.8004	1.5427	2.1306	2.4623
Pa-234	4.6609	3.4429	7.3113	6.6426
Pa-234m	0.0385	0.0268	0.0632	0.0609
Pa-235	0.0254	0.0347	0.1263	0.2155
Pa-236	1.7929	1.1984	3.3406	2.2639
Pa-237	1.4120	0.8494	2.6863	2.0137
Pb-194	3.6716	2.6495	5.7036	4.5373
Pb-195m	5.5764	3.5538	10.3044	6.7937
Pb-196	3.2015	2.4730	4.5183	3.6421
Pb-197	3.7403	2.3977	6.5769	4.8317
Pb-197m	4.7409	3.1811	8.1428	5.6883
Pb-198	3.0821	2.3997	4.0746	3.6935
Pb-199	3.0284	2.0667	4.9594	3.8536
Pb-200	2.4400	2.0945	3.0726	3.0511
Pb-201	3.4464	2.5125	4.8446	4.4190
Pb-201m	1.3068	0.9009	2.3362	1.3294
Pb-202	0.0741	0.1007	0.3426	0.5638
Pb-202m	5.0762	2.9567	9.8424	6.4303
Pb-203	2.6242	2.1385	2.9614	3.1248
Pb-204m	4.7989	2.7806	8.5793	6.8957
Pb-205	0.0750	0.1020	0.3467	0.5705
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1314	0.1470	0.3747	0.5339
Pb-211	0.1932	0.1100	0.3774	0.2253
Pb-212	1.3085	1.0880	1.3195	1.4480
Pb-214	1.5169	1.1384	1.9494	1.7317
Pd-100	2.2502	1.8957	2.6322	2.6158
Pd-101	1.6637	1.3262	2.4770	2.3108
Pd-103	0.4214	0.3833	0.6602	0.7423
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1041	0.9245	1.0732	1.2936

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.2795	0.2471	0.3542	0.4714
Pd-111	0.1147	0.0717	0.2138	0.1224
Pd-112	0.1561	0.1541	0.2657	0.2910
Pd-114	0.2130	0.1811	0.2178	0.2091
Pd-96	3.3747	2.4392	5.3802	4.3105
Pd-97	3.2540	2.1742	5.1576	3.8775
Pd-98	2.3642	1.9518	3.0268	2.7630
Pd-99	2.6981	2.1243	3.7193	3.0161
Pm-136	5.0711	3.0265	9.1553	5.8866
Pm-137m	5.0187	3.6597	6.9464	5.0325
Pm-139	0.8531	0.5307	1.5085	0.8262
Pm-140m	5.3687	3.0438	10.1632	7.2060
Pm-140	0.3424	0.2147	0.5883	0.4354
Pm-141	0.6384	0.4340	0.9537	0.7606
Pm-142	0.2336	0.1646	0.3386	0.2343
Pm-143	1.3301	0.8820	2.0261	1.5789
Pm-144	4.7531	2.9551	8.9493	4.4952
Pm-145	0.7182	0.5398	0.9079	0.7260
Pm-146	2.5291	1.5271	4.7800	2.5920
Pm-147	0.0001	0.0001	0.0001	0.0001
Pm-148	0.9549	0.5660	1.8975	1.1259
Pm-148m	5.4610	3.3515	10.5795	5.1987
Pm-149	0.0632	0.0493	0.0646	0.0704
Pm-150	3.0052	1.8811	4.8955	4.0212
Pm-151	1.8876	1.3834	2.4085	1.8634
Pm-152m	4.6132	3.3380	6.2123	5.3474
Pm-152	0.7906	0.5616	1.1678	0.9859
Pm-153	0.9635	0.8326	1.0612	0.9934
Pm-154	2.5004	1.5130	4.2651	3.5267
Pm-154m	4.2559	2.8797	6.5020	4.9181
Po-203	3.9683	2.7239	6.2300	5.8970
Po-204	4.9669	3.7684	7.3801	7.1299
Po-205	3.8419	2.5873	6.1263	5.7849
Po-206	4.3071	3.1130	6.9144	6.0202
Po-207	3.4907	2.3416	5.6595	5.0932
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0293	0.0242	0.0505	0.0641
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0186	0.0110	0.0357	0.0231
Po-212m	0.0731	0.0435	0.1400	0.0721

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0001	0.0001
Po-214	0.0002	0.0001	0.0003	0.0003
Po-215	0.0007	0.0004	0.0015	0.0005
Po-216	0.0000	0.0000	0.0001	0.0001
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.8614	4.2371	12.1824	7.3984
Pr-134m	3.1289	1.7839	6.2684	3.0949
Pr-135	1.9520	1.4936	2.3818	2.1225
Pr-136	3.3965	2.1205	6.7319	3.2632
Pr-137	0.6954	0.5366	0.9242	0.8281
Pr-138	0.2398	0.1807	0.3229	0.3024
Pr-138m	5.6152	3.6362	8.5228	8.1964
Pr-139	0.6463	0.5311	0.7610	0.7667
Pr-140	0.3439	0.2831	0.4031	0.4056
Pr-142	0.0583	0.0351	0.1132	0.0632
Pr-142m	0.0034	0.0046	0.0170	0.0291
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0374	0.0217	0.0697	0.0448
Pr-144m	0.2821	0.2288	0.3933	0.4013
Pr-145	0.0468	0.0290	0.0794	0.0614
Pr-146	1.7852	1.0260	3.6416	1.9009
Pr-147	2.3478	1.6745	3.2852	2.4159
Pr-148	2.2423	1.5225	3.1817	2.8383
Pr-148m	3.3592	2.2972	4.9600	3.5065
Pt-184	5.4268	4.2812	8.0608	6.8320
Pt-186	2.9871	2.1304	4.9960	3.7371
Pt-187	3.3621	2.5945	5.0044	4.5460
Pt-188	2.1888	1.7539	3.1880	2.9904
Pt-189	3.0104	2.3245	4.7490	4.0109
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.6019	2.0117	4.2147	3.3387
Pt-193	0.0778	0.1059	0.3666	0.6092
Pt-193m	0.2594	0.2547	0.6386	0.8682
Pt-195m	1.3381	1.1866	2.2842	2.6441
Pt-197	0.3809	0.3402	0.6069	0.7679
Pt-197m	0.9359	0.7940	1.6588	1.8328
Pt-199	0.7867	0.5462	1.3426	0.8077
Pt-200	0.7734	0.6638	1.1044	1.2188
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	0.9893	0.9137	1.0677	1.2385
Pu-234	1.0952	1.0171	1.2170	1.4216
Pu-235	1.4202	1.3163	1.6435	1.9238
Pu-236	0.0657	0.0738	0.1506	0.1908
Pu-237	0.9041	0.8555	1.1522	1.3670
Pu-238	0.0603	0.0680	0.1391	0.1762
Pu-239	0.0309	0.0359	0.0840	0.1173
Pu-240	0.0569	0.0640	0.1308	0.1657
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0488	0.0549	0.1123	0.1422
Pu-243	0.4059	0.3470	0.4784	0.5065
Pu-244	0.0740	0.0669	0.1502	0.1568
Pu-245	1.6823	1.2505	2.3463	2.0202
Pu-246	1.7926	1.5601	1.9348	2.1209
Ra-219	1.0765	0.8610	1.0938	1.3087
Ra-220	0.0170	0.0100	0.0375	0.0124
Ra-221	0.5189	0.4899	0.7028	0.7968
Ra-222	0.0499	0.0379	0.0529	0.0580
Ra-223	1.4150	1.2060	1.6211	1.7364
Ra-224	0.0781	0.0648	0.0701	0.0775
Ra-225	0.3414	0.2593	0.5311	0.3782
Ra-226	1.3699	1.4131	1.5272	1.6309
Ra-227	1.1139	0.9610	1.6905	1.7960
Ra-228	1.3509	1.3821	1.4634	1.5481
Ra-230	0.6971	0.5724	0.9433	0.8379
Rb-77	2.1147	1.5022	3.1699	2.2432
Rb-78m	4.1011	2.4144	8.0600	4.4688
Rb-78	3.0538	1.8089	5.9937	3.3233
Rb-79	2.5828	1.9795	3.9178	2.6706
Rb-80	0.4808	0.2958	0.9638	0.4164
Rb-81	0.8457	0.5861	1.9221	1.0779
Rb-81m	0.2425	0.2622	0.4795	0.5161
Rb-82	0.2750	0.1596	0.4999	0.4523
Rb-82m	5.5755	3.3698	10.7290	7.5807
Rb-83	1.6693	1.1586	3.7898	1.7807
Rb-84	1.2742	0.8063	2.4101	2.4207
Rb-84m	2.2018	1.6914	2.8059	2.0708
Rb-86m	1.6173	1.0015	3.4353	1.2081
Rb-86	0.1429	0.0810	0.2662	0.2492
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.6338	0.3629	1.1522	0.8787
Rb-89	2.7513	1.5697	5.1145	4.3452
Rb-90	1.4595	0.8594	2.5096	2.2447
Rb-90m	3.3653	1.9259	6.0248	5.1804
Re-178	3.1728	2.3364	4.5307	4.2234
Re-179	4.1140	2.8600	6.6272	4.6145
Re-180	3.2337	2.1895	5.2150	5.1260
Re-181	3.8308	2.6446	6.2485	4.7161
Re-182	7.4945	5.6789	10.1216	9.8472
Re-182m	3.6470	2.5723	5.7709	5.3032
Re-183	2.2524	1.8525	3.0952	3.2115
Re-184	2.9103	1.9765	4.6316	4.4988
Re-184m	2.3939	1.8822	3.4275	3.5014
Re-186	0.2815	0.2499	0.3645	0.3570
Re-186m	0.4548	0.4516	1.2427	1.7865
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3974	0.3332	0.5137	0.4174
Re-188m	1.2387	1.0500	2.0067	2.1514
Re-189	0.4422	0.3624	0.5282	0.5486
Re-190	4.8698	3.2105	8.1714	4.9350
Re-190m	3.8403	2.6282	6.5887	4.0365
Rh-100m	0.7523	0.6537	1.1156	1.1683
Rh-100	4.2306	2.6296	8.2244	4.9200
Rh-101	2.9560	2.5894	3.1043	3.4331
Rh-101m	1.8848	1.5356	2.0755	2.3668
Rh-102	1.2827	0.8486	2.6366	1.2728
Rh-102m	5.6183	3.4336	11.1061	6.3473
Rh-103m	0.0504	0.0480	0.0962	0.1226
Rh-104	0.0368	0.0232	0.0767	0.0309
Rh-104m	0.9441	0.7372	1.0189	1.0897
Rh-105	0.4188	0.3244	0.3994	0.4893
Rh-106	0.5628	0.3455	1.1872	0.4604
Rh-106m	6.1766	3.6333	12.1597	7.1589
Rh-107	1.6339	1.2242	1.8111	1.7587
Rh-108	1.0796	0.6156	2.3350	0.8239
Rh-109	1.7426	1.3286	1.9832	1.8535
Rh-94	3.8616	2.2851	7.1294	5.4483
Rh-95	2.5885	1.5331	4.7361	3.9747
Rh-95m	1.6172	1.0073	3.3278	1.4242
Rh-96	6.3393	3.7268	11.8574	8.1881

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.4727	0.8977	2.6220	2.3141
Rh-97	2.2303	1.2953	4.5075	2.4288
Rh-97m	3.3290	2.2569	5.3585	4.1067
Rh-98	1.8862	1.1452	3.6422	1.9216
Rh-99	2.6522	1.9678	4.1845	2.9073
Rh-99m	2.2617	1.6144	3.4439	2.7758
Rn-207	3.2258	2.2137	5.0726	3.8057
Rn-209	3.5712	2.3543	6.0578	4.2156
Rn-210	0.2399	0.1719	0.3879	0.3014
Rn-211	4.5321	2.9606	7.9121	5.9526
Rn-212	0.0008	0.0005	0.0016	0.0009
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0021	0.0013	0.0042	0.0017
Rn-219	0.3316	0.2376	0.4534	0.3100
Rn-220	1.4660	1.4899	1.5636	1.7964
Rn-222	0.0013	0.0008	0.0028	0.0009
Rn-223	1.4290	1.0914	2.4813	1.9585
Ru-103	1.6263	1.0055	3.5821	1.1461
Ru-105	2.2463	1.4447	3.8858	2.5374
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9179	0.5906	1.5039	1.1105
Ru-108	0.6881	0.6111	0.6761	0.6301
Ru-92	6.5151	5.2171	7.5026	7.2382
Ru-94	2.1158	1.4171	3.6460	2.5698
Ru-95	2.9923	2.0502	4.6994	3.8906
Ru-97	2.0636	1.7209	2.1440	2.4854
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3749	0.8244	2.5310	1.8049
S-38	1.3127	0.7454	2.3748	1.6164
Sb-111	2.5352	1.9089	3.7570	2.5197
Sb-113	2.0010	1.3195	3.8152	1.8767
Sb-114	2.6472	1.5423	4.9296	4.2632
Sb-115	2.0468	1.3600	4.0906	1.8474
Sb-116	2.3554	1.3991	4.3059	3.9034
Sb-116m	6.5971	4.2512	11.4422	9.1555
Sb-117	2.0585	1.8365	1.9985	2.2301
Sb-118	0.2143	0.1672	0.2836	0.3660
Sb-118m	6.2659	4.2879	9.1210	9.1613

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.6595	0.5869	0.7124	1.2074
Sb-120	0.3535	0.3027	0.3861	0.6165
Sb-120m	6.5602	4.5744	9.1343	9.6471
Sb-122m	1.4169	1.1573	1.6199	1.7295
Sb-122	1.2680	0.7835	2.6379	1.0185
Sb-124	3.0557	1.8390	6.0144	2.9990
Sb-124m	1.2470	0.7725	2.6080	1.0689
Sb-124n	0.0119	0.0162	0.0593	0.1014
Sb-125	1.8699	1.2615	3.3156	1.8176
Sb-126	7.1625	4.1752	13.8638	7.7158
Sb-126m	4.3281	2.4799	8.7122	4.2220
Sb-127	2.0107	1.2336	3.7480	2.0781
Sb-128	7.8452	4.8335	13.6342	9.6274
Sb-128m	5.0614	3.2074	7.7876	6.9458
Sb-129	2.6989	1.5786	4.9045	3.8156
Sb-130m	5.7454	3.4430	9.6403	8.8394
Sb-130	8.2520	5.2566	12.8904	11.3779
Sb-131	3.3572	1.9905	6.0495	4.7000
Sb-133	3.5296	2.0342	6.5375	5.1815
Sc-42m	4.9261	2.7851	10.1024	6.0800
Sc-43	0.3870	0.2316	0.7128	0.3612
Sc-44	1.6683	0.9330	3.2158	2.9418
Sc-44m	1.5501	1.2469	1.4105	1.5710
Sc-46	3.3030	1.8555	6.0570	5.7168
Sc-47	1.1390	1.0216	1.0739	0.9148
Sc-48	5.0751	2.9120	9.3979	8.5877
Sc-49	0.0009	0.0005	0.0017	0.0011
Sc-50	4.7228	2.7947	9.4537	5.7753
Se-70	1.8312	1.3948	3.4113	3.1767
Se-71	1.6997	1.2549	2.4483	2.1719
Se-72	0.7683	0.6569	1.4867	1.9906
Se-73	2.5610	1.7773	4.1306	2.8802
Se-73m	0.2732	0.2150	0.5145	0.4936
Se-75	3.1013	2.7119	3.7382	4.0093
Se-77m	0.9594	0.8879	1.1290	1.1896
Se-79m	0.2607	0.2863	0.6300	0.9223
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0322	0.0236	0.0401	0.0346
Se-81m	0.3198	0.3414	0.6774	0.9759
Se-83m	1.6352	0.9656	2.9205	2.2794

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	5.5398	3.4344	9.6703	6.5227
Se-84	1.7407	0.9123	3.8655	1.2914
Si-31	0.0012	0.0006	0.0023	0.0020
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.6175	1.8475	3.5587	2.8332
Sm-140	1.5816	1.1265	2.1525	1.6959
Sm-141	2.3401	1.3431	4.6283	2.2230
Sm-141m	4.6704	3.0481	7.3131	5.5028
Sm-142	0.6803	0.4815	0.8840	0.6113
Sm-143	0.4644	0.3215	0.6350	0.4572
Sm-143m	1.5578	0.8893	2.7712	2.2545
Sm-145	1.4194	1.0110	1.8257	1.2431
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0005	0.0006	0.0017	0.0028
Sm-153	1.1194	0.8543	1.1914	0.9669
Sm-155	1.3979	1.1946	1.2370	1.2523
Sm-156	1.2342	1.0155	1.2524	1.3836
Sm-157	2.2172	1.6375	2.6323	2.4215
Sn-106	3.7171	2.5618	5.7296	4.3964
Sn-108	3.6242	2.5894	5.2654	3.7759
Sn-109	3.3053	2.0780	5.7492	4.7860
Sn-110	2.1807	1.7957	2.0234	2.6219
Sn-111	0.5877	0.4519	0.8108	0.9445
Sn-113	0.5545	0.4881	0.5941	0.9386
Sn-113m	0.3795	0.3368	0.4002	0.6801
Sn-117m	1.9750	1.7697	1.9080	2.0629
Sn-119m	0.4276	0.3829	0.4954	0.8326
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1394	0.1263	0.1673	0.2680
Sn-123	0.0105	0.0060	0.0196	0.0184
Sn-123m	1.5129	1.3537	1.4293	1.3005
Sn-125m	1.7040	1.2379	2.0126	1.8950
Sn-125	0.5431	0.3121	0.9808	0.8708
Sn-126	1.0054	0.8488	1.0241	1.2090
Sn-127m	1.6238	0.9879	3.5745	1.2312
Sn-127	3.4251	2.0764	6.0719	4.8134
Sn-128	3.3387	2.4278	5.2580	3.5893
Sn-129	2.1370	1.2836	4.0975	2.3009

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	4.0008	2.8526	5.3305	4.9496
Sn-130m	2.4135	1.6905	3.5911	3.1200
Sr-79	1.4409	1.1519	1.8149	1.4058
Sr-80	1.3189	0.9811	2.5067	1.4337
Sr-81	2.3746	1.8497	3.3063	2.2746
Sr-82	0.1931	0.2463	0.4893	0.5448
Sr-83	1.5372	1.0578	3.0528	2.3485
Sr-85	1.7659	1.2246	3.9553	1.6589
Sr-85m	1.6983	1.4254	1.5430	1.7238
Sr-87m	1.4432	0.8108	2.9899	1.2199
Sr-89	0.0002	0.0001	0.0003	0.0003
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3498	0.7854	2.4606	1.9921
Sr-92	1.6795	0.9661	3.2700	2.4956
Sr-93	4.3432	2.6925	7.8769	5.2416
Sr-94	1.6765	0.9660	3.2909	2.3585
Ta-170	1.5421	1.1505	2.0679	2.1670
Ta-172	3.7821	2.6305	5.5579	5.2689
Ta-173	2.4774	1.8618	3.4635	3.3359
Ta-174	2.7794	2.0809	3.5612	3.7461
Ta-175	3.8047	2.7180	5.4194	4.6788
Ta-176	3.8489	2.5068	6.5426	5.3357
Ta-177	1.0679	0.8249	1.3670	1.3633
Ta-178	1.1019	0.8362	1.4794	1.4898
Ta-178m	7.8480	5.7335	10.3131	8.4128
Ta-179	0.4847	0.3824	0.7286	0.8135
Ta-180	0.8780	0.6771	1.1467	1.1740
Ta-182	3.3543	2.3282	5.2511	4.9342
Ta-182m	3.1127	2.6490	3.8027	4.0950
Ta-183	2.9588	2.4191	3.6493	3.8162
Ta-184	5.9198	4.0229	9.4459	7.0147
Ta-185	1.6205	1.3615	2.0749	2.1863
Ta-186	5.6385	3.9977	8.3832	6.2327
Tb-146	3.4273	2.0313	6.4570	4.3313
Tb-147m	2.1742	1.3024	3.8289	2.8376
Tb-147	3.9963	2.5502	6.6670	5.2268
Tb-148m	7.4882	4.3325	13.8585	8.9261
Tb-148	3.1750	1.8540	5.6388	4.2679
Tb-149m	3.0794	1.8532	5.0382	4.1289
Tb-149	3.6238	2.3429	5.6680	4.0604

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	7.5068	4.6211	14.0550	6.9137
Tb-150	3.6079	2.2016	6.5093	3.7817
Tb-151	4.6718	3.2385	6.6980	4.3982
Tb-151m	0.5764	0.4302	1.0445	1.1880
Tb-152m	4.1348	2.9278	5.5240	4.0773
Tb-152	3.2597	2.1094	4.9371	3.6516
Tb-153	2.5752	1.8986	2.9962	2.6754
Tb-154	3.6423	2.3339	5.8225	4.4729
Tb-155	2.4535	1.8937	2.5690	2.3106
Tb-156	5.5032	3.6029	8.8033	6.3728
Tb-156m	0.7198	0.4759	0.4863	0.5385
Tb-156n	0.1055	0.0975	0.2445	0.3574
Tb-157	0.1306	0.1088	0.2646	0.3426
Tb-158	2.5236	1.6410	3.7163	3.4955
Tb-160	2.6803	1.7357	4.0525	4.0007
Tb-161	0.7510	0.5833	0.8722	1.0897
Tb-162	3.6079	2.5142	4.6910	4.7027
Tb-163	3.2291	2.0270	5.8862	2.7898
Tb-164	5.9845	3.9129	9.6985	7.2113
Tb-165	1.3350	0.8129	2.5206	1.9123
Tc-101	1.7684	1.3742	1.7911	1.9671
Tc-102m	4.1619	2.4431	8.4396	4.3137
Tc-102	0.1942	0.1141	0.4083	0.1834
Tc-104	3.9783	2.4600	6.9959	4.3794
Tc-105	2.8462	2.1309	3.9059	2.9678
Tc-91	1.4509	0.8598	2.6630	1.8562
Tc-91m	1.0894	0.6714	2.3403	0.9549
Tc-92	6.3435	4.4010	9.3637	7.7031
Tc-93	1.9751	1.2795	3.7773	2.9550
Tc-93m	1.6034	0.9441	3.1725	1.6312
Tc-94	5.5047	3.2782	9.8907	8.4112
Tc-94m	2.0105	1.1818	3.5624	3.2980
Tc-95	2.0352	1.3130	3.5714	3.2048
Tc-95m	2.6752	1.9545	3.8556	3.4551
Tc-96	5.3740	3.1722	9.4022	8.9091
Tc-96m	0.2754	0.2382	0.4704	0.4745
Tc-97	0.3580	0.3621	0.5803	0.6089
Tc-97m	0.2874	0.2800	0.4649	0.4996
Tc-98	3.3344	1.9572	6.2765	3.9375
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.4651	1.3673	1.4667	1.3135
Te-113	1.8069	1.0489	3.3121	2.6773
Te-114	2.8440	2.0094	4.2412	3.8004
Te-115	2.7711	1.7252	4.8338	3.8924
Te-115m	3.1386	1.8816	5.6575	4.5565
Te-116	1.4857	1.2841	1.4994	2.0550
Te-117	2.2953	1.4593	3.8915	3.2066
Te-118	0.5467	0.4933	0.5462	0.9358
Te-119	2.2354	1.5148	3.8301	2.5393
Te-119m	3.9903	2.9425	5.5181	5.4901
Te-121	2.2066	1.5242	4.0280	2.1952
Te-121m	1.8368	1.5164	1.7107	2.3171
Te-123	0.0113	0.0149	0.0524	0.0895
Te-123m	1.7817	1.6104	1.7216	1.7985
Te-125m	0.9558	0.8741	0.9613	1.5852
Te-127	0.0219	0.0128	0.0436	0.0180
Te-127m	0.2992	0.2766	0.3202	0.5372
Te-129	0.3316	0.2477	0.5704	0.4595
Te-129m	0.2862	0.2415	0.3565	0.4677
Te-131	2.0096	1.5807	2.7787	1.9236
Te-131m	3.5253	2.2688	5.5184	5.0391
Te-132	2.2790	1.9065	1.9828	2.5836
Te-133	2.8252	1.8240	4.4105	3.4541
Te-133m	4.0431	2.5498	6.7209	5.4860
Te-134	3.5426	2.4788	5.1486	3.9201
Th-223	1.1017	1.0009	1.2935	1.4743
Th-224	0.2159	0.1843	0.2386	0.2416
Th-226	0.1243	0.1209	0.1727	0.2080
Th-227	1.2299	1.0911	1.5783	1.9082
Th-228	0.0715	0.0765	0.1448	0.1856
Th-229	1.4921	1.4081	2.0821	2.5515
Th-230	1.2874	1.2394	1.2691	1.3200
Th-231	0.6260	0.6484	1.1698	1.5332
Th-232	1.2401	1.2843	1.3540	1.4606
Th-233	0.2659	0.2315	0.4776	0.5089
Th-234	0.1888	0.1722	0.2744	0.2918
Th-235	0.1697	0.1060	0.3125	0.1860
Th-236	0.2508	0.2132	0.3467	0.3190
Ti-44	2.2488	1.7597	2.4937	2.0553
Ti-45	0.0089	0.0079	0.0280	0.0374

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.7197	1.2923	1.7970	2.0628
Ti-52	1.6528	1.5944	1.7882	1.7632
Tl-190	2.3738	1.4239	4.7623	2.3131
Tl-190m	6.2314	3.8540	11.6633	6.5636
Tl-194	2.4207	1.5467	4.6571	2.4236
Tl-194m	7.8380	5.0505	14.2423	8.4274
Tl-195	2.9750	2.1220	5.0417	4.3725
Tl-196	3.9717	2.4935	7.5175	4.3227
Tl-197	2.2344	1.6714	3.5230	2.8228
Tl-198	4.3437	2.7078	8.1795	5.0069
Tl-198m	4.9867	3.3877	8.9200	5.1717
Tl-199	2.1066	1.6636	2.9572	2.6368
Tl-200	4.0096	2.6277	6.9210	5.0250
Tl-201	1.4570	1.2407	2.0377	2.1273
Tl-202	2.5605	1.7033	4.8680	2.5779
Tl-204	0.0217	0.0184	0.0327	0.0349
Tl-206m	8.2266	5.5811	12.9447	9.0100
Tl-206	0.0012	0.0010	0.0015	0.0016
Tl-207	0.0044	0.0025	0.0078	0.0075
Tl-208	3.7673	2.2929	7.0920	3.8048
Tl-209	4.7660	3.3225	8.2427	4.4943
Tl-210	5.1989	3.3309	8.1789	7.6813
Tm-161	4.5630	3.2537	5.4788	4.8773
Tm-162	2.7690	1.7911	4.1761	3.6364
Tm-163	4.1280	2.8014	5.6268	4.7783
Tm-164	1.0395	0.7024	1.3520	1.2957
Tm-165	3.2778	2.3329	3.8956	3.4930
Tm-166	4.1702	2.6656	6.4535	5.5041
Tm-167	1.7806	1.3372	1.7972	2.1398
Tm-168	4.7851	3.2112	6.7805	6.0955
Tm-170	0.0736	0.0600	0.0971	0.1213
Tm-171	0.0118	0.0088	0.0143	0.0157
Tm-172	0.8131	0.5339	1.4206	1.2206
Tm-173	1.7330	0.9218	3.7231	1.3527
Tm-174	6.6504	4.6788	9.3155	7.8480
Tm-175	2.8516	1.7404	5.4716	3.1660
Tm-176	4.5790	3.0657	7.0137	5.8716
U-227	1.2431	1.1010	1.3456	1.5525
U-228	0.0976	0.0991	0.1638	0.2019
U-230	0.0769	0.0850	0.1670	0.2087

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.6313	1.5793	2.3166	2.8671
U-232	0.0648	0.0744	0.1524	0.1941
U-233	0.0337	0.0386	0.0810	0.1051
U-234	1.1019	1.0726	1.0775	1.0939
U-235	1.5856	1.5973	1.6488	1.9065
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0519	0.0602	0.1246	0.1600
U-237	1.9801	1.7460	2.3678	2.6414
U-238	1.1710	1.1780	1.3881	1.4694
U-239	0.7310	0.5884	0.8727	0.7857
U-240	0.2224	0.2336	0.4393	0.5591
U-242	0.2970	0.2240	0.4029	0.2747
V-47	0.0113	0.0083	0.0210	0.0201
V-48	3.4471	1.9587	6.5562	5.9413
V-49	0.0294	0.0400	0.1465	0.2505
V-50	1.6109	0.9687	3.1586	2.1530
V-52	1.6188	0.9332	3.1915	2.2844
V-53	1.6800	0.9652	3.0579	2.8719
W-177	4.9253	3.6833	7.2251	6.0989
W-178	0.3172	0.2696	0.5918	0.7283
W-179	1.0740	0.8836	1.6017	1.8289
W-179m	0.8024	0.6417	1.1254	1.1561
W-181	0.7441	0.5819	1.0839	1.1044
W-185m	0.4683	0.4674	1.0935	1.5512
W-185	0.0008	0.0007	0.0010	0.0010
W-187	1.6917	1.1416	3.0112	1.7221
W-188	0.0145	0.0118	0.0158	0.0178
W-190	2.1137	1.7706	2.7648	2.5242
Xe-120	2.4385	1.9335	3.0882	3.2059
Xe-121	2.1459	1.5889	2.9520	2.6177
Xe-122	0.8768	0.7612	0.9590	1.2453
Xe-123	2.1156	1.7904	2.3497	2.5349
Xe-125	2.4760	2.0859	2.4192	3.0020
Xe-127	2.6534	2.1885	2.7040	3.1747
Xe-127m	2.1347	1.9737	2.0882	2.2879
Xe-129m	1.1702	1.0649	1.1702	1.7533
Xe-131m	0.4819	0.4498	0.4888	0.7628
Xe-133	0.8947	0.7715	0.8552	1.0544
Xe-133m	0.6268	0.5661	0.6030	0.8992
Xe-135	1.6576	1.3617	1.4719	1.4808

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.4211	0.9153	2.9644	1.1118
Xe-137	0.5807	0.3331	1.2662	0.4581
Xe-138	2.0456	1.3679	3.2790	2.2038
Y-81	1.7266	1.5051	2.1915	1.8117
Y-83	1.0812	0.7756	1.9497	1.4988
Y-83m	1.4633	1.1112	1.9830	1.3578
Y-84m	5.3622	3.0611	9.8421	8.4331
Y-85	1.2444	0.8104	2.6843	1.1656
Y-85m	1.3040	0.8965	2.1619	1.7026
Y-86	5.3913	3.2374	10.1651	7.5117
Y-86m	1.6446	1.3230	1.4922	1.8859
Y-87	1.7261	1.1868	3.8233	1.6142
Y-87m	1.3927	0.8240	2.7056	1.2368
Y-88	3.3158	2.0434	6.0851	5.0236
Y-89m	1.6397	0.9258	2.9130	2.8049
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	3.1773	2.2502	4.8356	3.0099
Y-91	0.0043	0.0024	0.0084	0.0076
Y-91m	1.5760	0.9812	3.3435	1.1870
Y-92	0.4364	0.2499	0.8274	0.6407
Y-93	0.2204	0.1578	0.2792	0.2542
Y-94	1.2862	0.7326	2.3469	2.0385
Y-95	0.9523	0.5498	1.7367	1.3289
Yb-162	2.4550	1.9691	2.6669	2.5353
Yb-163	1.7096	1.1780	2.4156	2.3432
Yb-164	0.8650	0.6106	0.8852	0.9727
Yb-165	2.3082	1.7201	2.8155	3.2200
Yb-166	1.6299	1.1775	1.5949	1.8291
Yb-167	3.8203	3.0674	3.8801	4.4066
Yb-169	4.3999	3.3952	4.4533	4.8316
Yb-175	0.2402	0.1632	0.3701	0.2222
Yb-177	0.7963	0.6228	1.0127	0.9347
Yb-178	0.1849	0.1118	0.3380	0.1772
Yb-179	3.0913	1.9514	5.9104	2.6428
Zn-60	1.7912	1.1759	2.9782	1.8240
Zn-61	0.7269	0.4292	1.4551	0.7864
Zn-62	1.4211	0.9829	2.9725	1.8721
Zn-63	0.2855	0.1725	0.5589	0.4312
Zn-65	0.9362	0.6064	2.0797	2.3149
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.5991	0.8900	3.5710	1.2078
Zn-71	0.8703	0.5367	1.7742	0.8296
Zn-71m	5.0079	2.9924	10.2409	4.1481
Zn-72	1.7979	1.6982	2.2796	2.6142
Zr-85	1.5051	0.8660	3.1649	1.3734
Zr-86	2.4510	2.1797	2.7211	2.8737
Zr-87	0.1690	0.1248	0.3200	0.2961
Zr-88	1.9530	1.2091	4.0925	1.8602
Zr-89	1.8762	1.1872	3.3515	3.2555
Zr-89m	1.6002	0.9968	3.2828	1.3108
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.6261	0.9272	2.9593	2.2956
Zr-97	1.9294	1.1188	3.5212	2.6518

Table 25: Concrete 15 cm Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.3133	0.2824	0.3362	0.3929	0.3164	0.2376	0.3063	0.3853
Ac-224	2.7790	2.5757	2.5812	2.7934	2.9715	2.3043	2.5542	3.2441
Ac-225	0.4125	0.3765	0.4644	0.5422	0.4241	0.3171	0.4146	0.5135
Ac-226	1.3034	1.2042	1.2047	1.2772	1.4043	1.1406	1.1950	1.8925
Ac-227	0.0988	0.0869	0.1182	0.1530	0.0947	0.0661	0.1012	0.1275
Ac-228	2.1912	2.0434	2.0747	2.0635	2.4068	1.9086	2.0902	2.8691
Ac-230	0.9959	0.9332	0.9806	0.9547	1.0913	0.8601	0.9604	1.3538
Ac-231	3.0026	2.7867	2.6755	2.6300	3.2149	2.7213	2.6681	3.4550
Ac-232	1.5172	1.4203	1.4688	1.4241	1.6911	1.3274	1.5242	2.2143
Ac-233	1.8423	1.7099	1.8066	1.4402	1.9889	1.5439	1.6664	2.2862
Ag-100m	2.6042	2.4495	2.4004	2.0084	3.0230	2.3463	2.5835	3.8555
Ag-101	2.3233	2.1596	2.0369	1.9272	2.6247	2.1444	2.1500	2.8764
Ag-102m	1.7943	1.6694	1.6477	1.4588	2.0156	1.5957	1.8032	2.5696
Ag-102	4.2581	3.9985	3.9397	3.3712	4.8604	3.7758	4.1112	5.9441
Ag-103	2.4312	2.3204	2.1962	2.4108	2.8185	2.1698	2.2087	2.9792
Ag-104	5.2951	4.9767	4.8456	4.4777	6.1100	4.6926	5.0604	7.0090
Ag-104m	2.3246	2.1751	2.2185	1.9429	2.6294	2.0335	2.2102	2.9305
Ag-105	2.9030	2.7048	2.5884	2.7861	3.2794	2.7059	2.6309	2.7097
Ag-105m	0.0414	0.0357	0.0452	0.0611	0.0389	0.0262	0.0409	0.0575
Ag-106	0.6465	0.6092	0.6247	0.7027	0.7530	0.5619	0.5911	0.5940
Ag-106m	6.6849	6.2748	6.1501	5.5537	7.5736	5.9333	6.2092	8.4782
Ag-108	0.0577	0.0543	0.0567	0.0562	0.0682	0.0517	0.0548	0.0618
Ag-108m	5.0064	4.6786	4.7561	4.1719	5.6991	4.4995	4.6721	5.9674
Ag-109m	0.4253	0.4051	0.4133	0.5942	0.5216	0.3672	0.3980	0.2974
Ag-110	0.0684	0.0642	0.0675	0.0520	0.0804	0.0612	0.0673	0.0934
Ag-110m	4.5642	4.2944	4.1482	3.4741	5.3163	4.0860	4.4765	6.7543
Ag-111	0.1328	0.1232	0.1132	0.0993	0.1401	0.1277	0.1129	0.1331
Ag-111m	0.2463	0.2323	0.2427	0.3471	0.2966	0.2103	0.2328	0.1867
Ag-112	1.0646	1.0005	1.0200	0.7963	1.2301	0.9515	1.0483	1.5333
Ag-113m	0.9731	0.9066	0.8671	0.7956	1.0497	0.9047	0.8532	1.0367
Ag-113	0.2883	0.2678	0.2445	0.2194	0.3110	0.2743	0.2526	0.3099
Ag-114	0.5022	0.4702	0.4803	0.3753	0.5622	0.4381	0.4740	0.6784
Ag-115	0.9889	0.9178	0.8428	0.7700	1.0840	0.9007	0.9059	1.2822
Ag-116	2.9085	2.7063	2.6835	2.2008	3.2267	2.5510	2.8465	4.0973
Ag-117	1.9212	1.8075	1.6854	1.5623	2.1170	1.7425	1.8209	2.7612
Ag-99	2.8005	2.6040	2.3821	2.2209	3.1529	2.6119	2.6332	3.7814
Al-26	1.3570	1.2771	1.1413	1.0738	1.5140	1.2485	1.3798	2.2612
Al-28	1.3163	1.2398	1.1053	1.0425	1.4691	1.2138	1.3336	2.1901
Al-29	1.3015	1.2810	1.1283	1.0444	1.5774	1.1856	1.2599	2.2456

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	3.1479	2.9724	3.0986	3.2275	3.4728	2.7624	2.9039	3.7185
Am-238	3.0094	2.8592	2.9803	3.0612	3.4072	2.5753	2.8852	3.9566
Am-239	3.4762	3.3003	3.5826	3.9711	3.8598	2.9400	3.2719	4.1732
Am-240	3.2603	3.0798	3.2126	3.4610	3.6771	2.7617	3.1607	4.3045
Am-241	0.8767	0.8808	0.8672	0.8430	0.9409	0.9419	0.9220	0.8768
Am-242	0.5369	0.5052	0.5975	0.7364	0.5942	0.4402	0.5200	0.5704
Am-242m	0.3775	0.3456	0.4389	0.5809	0.4022	0.2957	0.3735	0.3731
Am-243	1.1223	0.9718	0.8728	1.0715	1.1794	0.9273	1.1224	0.9550
Am-244	3.0815	2.8807	3.0934	3.4394	3.4884	2.6360	2.9976	3.9709
Am-244m	0.2096	0.1944	0.2329	0.3021	0.2304	0.1706	0.2044	0.2084
Am-245	0.3875	0.3656	0.3788	0.4186	0.4293	0.3371	0.3570	0.4461
Am-246	4.2116	3.9292	4.2293	4.7445	4.7040	3.5781	3.9920	5.1119
Am-246m	1.8521	1.7439	1.6927	1.7297	2.1224	1.6137	1.7966	2.6154
Am-247	1.4104	1.3367	1.3587	1.4628	1.5570	1.2326	1.2803	1.5680
Ar-37	0.0441	0.0373	0.0498	0.0689	0.0397	0.0254	0.0444	0.0661
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.2693	1.2572	1.1010	1.0248	1.5481	1.1575	1.2053	2.1910
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.6886	1.5870	1.4591	1.3002	1.9315	1.5134	1.6855	2.6420
Ar-44	2.4977	2.3438	2.0943	2.0079	2.7556	2.2513	2.3437	4.0578
As-68	3.2723	3.0785	2.8733	2.5182	3.7741	2.9221	3.2531	5.0829
As-69	0.5376	0.4934	0.4689	0.4827	0.5762	0.4656	0.4961	0.7608
As-70	4.3423	4.0951	3.8129	3.4039	4.9873	3.8527	4.2388	6.7244
As-71	2.0947	1.9134	1.9660	2.1880	2.1844	1.6676	1.9140	3.5698
As-72	1.4973	1.3920	1.3320	1.2316	1.7114	1.3116	1.4905	2.2540
As-73	1.6730	1.4201	1.8607	2.5468	1.5390	1.0094	1.7076	2.4289
As-74	1.4376	1.3212	1.4726	1.2739	1.5814	1.1820	1.3902	1.9515
As-76	1.0102	0.9474	0.9794	0.7505	1.1350	0.8772	0.9414	1.3365
As-77	0.0482	0.0440	0.0405	0.0374	0.0520	0.0444	0.0426	0.0615
As-78	1.9881	1.8771	1.8605	1.5020	2.3030	1.7791	1.9394	2.9136
As-79	0.0991	0.0921	0.0888	0.0722	0.1070	0.0913	0.0881	0.1202
At-204	6.8401	6.3203	6.4098	5.4027	7.4796	5.9275	6.3563	8.4487
At-205	3.1079	2.8431	2.7978	2.7455	3.3887	2.6063	3.0010	3.8733
At-206	6.8042	6.2794	6.1956	5.3901	7.4284	5.9645	6.3276	8.4870
At-207	4.8834	4.4901	4.3597	4.1770	5.3631	4.1752	4.7149	6.2572
At-208	7.3905	6.8345	6.7272	6.1830	8.2646	6.3587	7.1571	10.1955
At-209	7.0999	6.5293	6.3795	6.0435	7.8005	6.0208	6.7718	9.0286
At-210	5.6183	5.2221	4.8329	4.9010	6.2354	4.9301	5.3465	7.7838
At-211	0.7106	0.6279	0.6277	0.7437	0.7270	0.5417	0.6937	0.7206
At-215	0.0008	0.0007	0.0007	0.0006	0.0008	0.0007	0.0007	0.0009

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0369	0.0328	0.0314	0.0359	0.0383	0.0295	0.0355	0.0374
At-217	0.0016	0.0015	0.0014	0.0014	0.0017	0.0015	0.0015	0.0019
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.3650	2.1653	2.0137	1.8450	2.5364	2.2132	2.0942	2.7715
Au-186	3.5904	3.2582	3.0072	3.0267	3.8555	3.1526	3.3713	4.4354
Au-187	2.9879	2.6575	2.5603	2.7945	3.1830	2.5333	3.0234	3.7280
Au-190	4.3627	3.9326	3.6539	3.6121	4.6724	3.9458	4.3274	5.2535
Au-191	3.8280	3.3939	3.2875	3.4322	4.0348	3.3035	3.7549	4.4190
Au-192	4.0515	3.6604	3.3807	3.4153	4.3295	3.6336	3.9828	4.7723
Au-193	2.3505	2.0266	1.9050	2.2758	2.4388	1.9745	2.4162	2.5876
Au-193m	1.8440	1.6340	1.6149	1.7735	1.9126	1.6067	1.7526	2.2525
Au-194	3.2865	2.9541	2.7355	2.8316	3.4880	2.9273	3.1882	3.6690
Au-195	2.0432	1.7444	1.7560	2.2210	2.0884	1.6210	2.1749	2.2669
Au-195m	1.8625	1.6520	1.6345	1.7918	1.9303	1.6223	1.7712	2.2431
Au-196	3.1658	2.8301	2.6574	2.6595	3.2814	2.8661	2.9655	3.1681
Au-196m	3.7432	3.3208	3.3877	4.0117	3.8469	2.9633	3.6721	5.0918
Au-198	1.6490	1.5205	1.4968	1.1645	1.7174	1.5603	1.4047	1.8591
Au-198m	5.4675	4.9437	4.6478	5.0824	5.7778	4.5997	5.0624	6.7248
Au-199	1.1032	1.0105	0.9847	1.0826	1.1855	0.9306	1.0422	2.0184
Au-200	0.5409	0.5119	0.4721	0.4106	0.5986	0.5061	0.4824	0.6981
Au-200m	7.7139	7.1280	6.9248	6.0303	8.3776	6.9069	6.9872	9.8575
Au-201	0.1962	0.1771	0.1934	0.1969	0.2044	0.1559	0.1889	0.2535
Au-202	0.3709	0.3480	0.3335	0.2780	0.4087	0.3339	0.3355	0.4933
Ba-124	1.8687	1.7767	1.7668	2.0693	2.0893	1.6246	2.0139	2.3821
Ba-126	2.3990	2.2628	2.2143	2.4475	2.6747	2.1268	2.5035	2.8729
Ba-127	1.0137	0.9709	0.9770	1.2068	1.1360	0.8625	1.1334	1.2347
Ba-128	1.0677	1.0226	1.0676	1.4116	1.1914	0.9219	1.2779	1.1085
Ba-129	1.1490	1.0981	1.1225	1.4258	1.2749	0.9715	1.3052	1.2483
Ba-129m	4.7123	4.4364	4.3222	4.3717	5.2145	4.1289	4.6365	6.2162
Ba-131	3.1827	3.0171	3.0331	3.2233	3.4779	2.7284	3.2088	3.4788
Ba-131m	1.2740	1.2340	1.2677	1.4966	1.4376	1.0582	1.3845	1.5496
Ba-133	3.3489	3.1390	3.0557	3.4788	3.6146	2.9786	3.4559	3.3119
Ba-133m	1.0152	0.9468	1.0102	1.3008	1.0872	0.8475	1.1832	1.1430
Ba-135m	0.8532	0.8052	0.8349	1.0782	0.9342	0.7378	1.0229	0.9322
Ba-137m	1.3678	1.2836	1.3546	1.0667	1.5979	1.2164	1.3788	1.8797
Ba-139	0.4001	0.3784	0.3591	0.3805	0.4455	0.3517	0.3775	0.8291
Ba-140	1.0335	0.9594	1.0286	1.0455	1.1050	0.8530	1.0030	1.3412
Ba-141	2.9135	2.7128	2.5094	2.3064	3.1704	2.6492	2.6237	3.6486
Ba-142	2.4719	2.3005	2.0978	2.0421	2.7615	2.2241	2.3796	3.3143

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.1970	0.1830	0.1873	0.1440	0.2095	0.1709	0.1719	0.2333
Bi-197	3.5239	3.2247	3.0540	3.1286	3.8675	2.9688	3.4531	4.6391
Bi-200	7.7590	7.1037	6.8093	6.1981	8.3111	6.8171	7.1227	9.4624
Bi-201	3.5604	3.2534	3.0475	3.1429	3.9029	3.0194	3.5119	4.7369
Bi-202	6.7852	6.2389	5.9931	5.4715	7.4411	5.9364	6.4430	8.7871
Bi-203	4.4070	4.0361	3.7702	3.8081	4.8480	3.7903	4.3555	5.9568
Bi-204	6.6791	6.1383	5.7427	5.5051	7.3270	5.8382	6.3940	8.7452
Bi-205	3.3984	3.0956	2.9787	3.0034	3.7025	2.8756	3.3693	4.4777
Bi-206	8.0658	7.4159	7.0859	6.6520	8.8601	6.9667	7.7274	10.5357
Bi-207	4.0904	3.7503	3.6901	3.4598	4.4869	3.4320	3.9494	5.2475
Bi-208	2.2193	1.9451	1.9397	1.9858	2.3319	1.8849	2.5783	3.2199
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5633	1.4225	1.2903	1.2358	1.6640	1.4724	1.3989	1.7140
Bi-211	0.2522	0.2313	0.2166	0.1958	0.2620	0.2352	0.2199	0.2477
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2936	0.2649	0.2950	0.3115	0.3123	0.2326	0.2975	0.4096
Bi-213	0.5500	0.5068	0.5047	0.4147	0.5779	0.4917	0.4811	0.6268
Bi-214	1.8974	1.7900	1.7281	1.4562	2.1796	1.6987	1.8621	2.8488
Bi-215	1.1290	1.0350	0.9590	0.9312	1.2062	1.0157	1.0229	1.2426
Bi-216	2.5932	2.4087	2.4834	1.9115	2.8074	2.2766	2.3247	3.1414
Bk-245	2.9773	2.8382	2.9531	3.2461	3.3239	2.5590	2.7393	3.4122
Bk-246	3.1951	3.0205	3.1557	3.4587	3.6215	2.7237	3.0729	3.9764
Bk-247	1.5043	1.3938	1.3053	1.3860	1.6481	1.3178	1.3722	1.6649
Bk-248m	0.6862	0.6519	0.7202	0.8242	0.7658	0.5705	0.6417	0.7447
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5609	1.4645	1.3837	1.4313	1.7830	1.3437	1.5120	2.2424
Bk-251	1.5370	1.4674	1.5785	1.8360	1.6961	1.2700	1.4041	1.7447
Br-72	2.7821	2.6132	2.4301	2.1871	3.1679	2.4821	2.7093	4.1611
Br-73	1.6386	1.4806	1.3788	1.3366	1.7904	1.4797	1.6221	1.9004
Br-74	3.0472	2.7999	2.7988	2.3512	3.4520	2.7524	3.1735	4.7307
Br-74m	3.8263	3.5722	3.5965	2.9430	4.4148	3.4310	3.8685	5.7583
Br-75	2.2310	2.0562	1.9552	1.8267	2.3731	2.0622	1.9842	2.5728
Br-76	3.1292	2.9037	2.9975	2.5880	3.4653	2.6980	3.1077	4.4965
Br-76m	1.4019	1.2146	1.5197	1.7678	1.4577	1.0623	1.5984	1.5542
Br-77	1.9344	1.7507	1.9325	1.9709	2.0032	1.5696	1.8440	2.4694
Br-77m	0.6224	0.5713	0.7476	0.8429	0.6395	0.4547	0.6653	0.8015
Br-78	0.2590	0.2392	0.2705	0.2293	0.2884	0.2163	0.2561	0.3496
Br-80	0.1644	0.1514	0.1734	0.1526	0.1820	0.1355	0.1641	0.2235
Br-80m	1.2854	1.1182	1.4828	1.7599	1.2918	0.9154	1.4945	1.4775

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.4851	0.4322	0.6216	0.7297	0.4722	0.3307	0.5445	0.6073
Br-82	4.8967	4.6071	4.5089	3.7133	5.6394	4.3468	4.7128	7.0202
Br-83	0.0241	0.0224	0.0234	0.0179	0.0262	0.0204	0.0217	0.0297
Br-84m	4.4440	4.1794	3.8946	3.3487	4.9588	4.0688	4.1211	6.2913
Br-84	1.5292	1.4178	1.3076	1.1759	1.7400	1.3838	1.5774	2.4561
Br-85	0.1029	0.0965	0.0880	0.0795	0.1186	0.0922	0.1008	0.1563
C-10	1.4379	1.3468	1.3428	1.0806	1.6819	1.2909	1.4222	2.0680
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0788	0.0666	0.0889	0.1231	0.0710	0.0454	0.0793	0.1180
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.1753	1.1507	1.0304	0.9365	1.4079	1.0636	1.1110	1.9381
Ca-49	1.2797	1.1473	1.1392	0.9775	1.4360	1.2005	1.5789	2.3566
Cd-101	2.8112	2.6901	2.5467	2.5708	3.2931	2.5225	2.7010	3.9352
Cd-102	2.8763	2.7109	2.7041	2.6849	3.2522	2.5200	2.5938	3.1191
Cd-103	2.4459	2.3144	2.2112	2.3861	2.8545	2.1979	2.3991	3.1321
Cd-104	2.0456	1.9159	1.8411	2.2936	2.4202	1.7690	1.9194	1.7583
Cd-105	1.7255	1.6352	1.5719	1.7295	2.0216	1.5531	1.6622	2.0679
Cd-107	1.2349	1.1842	1.2130	1.7622	1.5377	1.0809	1.1549	0.8166
Cd-109	1.1536	1.1046	1.1318	1.6536	1.4343	1.0073	1.0787	0.7491
Cd-111m	2.3151	2.1464	1.9650	2.1006	2.5927	2.1702	2.0669	3.0301
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0009	0.0009	0.0009	0.0011	0.0011	0.0009	0.0009	0.0008
Cd-115	0.7507	0.6996	0.7211	0.5835	0.8184	0.6437	0.6733	0.8950
Cd-115m	0.0475	0.0451	0.0409	0.0369	0.0551	0.0421	0.0455	0.0735
Cd-117	1.9937	1.8785	1.7047	1.5661	2.2311	1.8536	1.8218	2.6587
Cd-117m	2.2713	2.1406	1.9808	1.7553	2.5879	2.0380	2.2454	3.5184
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.3736	2.2278	2.0198	1.8588	2.6266	2.1992	2.2299	3.2062
Cd-119m	2.6341	2.4891	2.2907	2.0530	3.0125	2.3772	2.5885	4.0674
Ce-130	2.8505	2.6666	2.6244	2.9540	3.1237	2.4230	2.9858	3.3373
Ce-131	3.4021	3.1783	3.1318	3.1212	3.7513	2.9903	3.3471	4.5643
Ce-132	2.6688	2.4735	2.3980	2.7145	2.8908	2.2824	2.7063	3.7350
Ce-133	2.2711	2.1072	2.1682	2.6103	2.5189	1.8754	2.6166	2.5803
Ce-133m	4.9002	4.5599	4.5156	4.4810	5.4049	4.2543	4.9977	6.0773
Ce-134	0.8758	0.8026	0.8780	1.1899	0.9519	0.7001	1.1304	0.9212
Ce-135	3.6242	3.3490	3.3242	3.3206	3.9765	3.2063	3.6679	4.2765
Ce-137	1.0443	0.9483	1.0614	1.4238	1.1110	0.8106	1.3012	1.1514
Ce-137m	0.8700	0.7674	0.8067	1.0010	0.9324	0.7118	1.0201	0.9552
Ce-139	2.0841	1.9468	1.9548	2.3049	2.2963	1.7661	2.2332	3.5420

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.8787	0.8248	0.7940	0.8476	0.9717	0.7419	0.8430	1.4940
Ce-143	1.8919	1.6801	1.6492	1.7484	2.0365	1.6558	1.9663	1.9977
Ce-144	0.2753	0.2528	0.2445	0.2741	0.2983	0.2218	0.2755	0.3187
Ce-145	2.9882	2.6762	2.6783	2.7065	3.3011	2.5629	3.1638	3.6042
Cf-244	0.1345	0.1240	0.1547	0.2071	0.1465	0.1082	0.1319	0.1241
Cf-246	0.0925	0.0853	0.1062	0.1422	0.1008	0.0745	0.0907	0.0853
Cf-247	2.1716	2.0561	2.3062	2.7806	2.3936	1.7757	2.0345	2.2914
Cf-248	0.1109	0.1023	0.1271	0.1702	0.1210	0.0894	0.1087	0.1024
Cf-249	1.7672	1.6389	1.6472	1.5251	1.8638	1.6500	1.5356	1.8564
Cf-250	0.0999	0.0924	0.1106	0.1419	0.1094	0.0820	0.0976	0.0995
Cf-251	1.7637	1.6715	1.7611	2.0063	1.9544	1.4885	1.6256	2.1309
Cf-252	0.7985	0.7459	0.7299	0.6852	0.8890	0.7143	0.7645	1.0781
Cf-253	0.3070	0.2826	0.3476	0.4715	0.3325	0.2437	0.2953	0.2934
Cf-254	26.2700	24.5688	23.2753	20.4291	29.3106	23.7782	25.0801	36.7983
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.4910	1.4047	1.2996	1.2272	1.6725	1.3407	1.5062	2.6939
Cl-36	0.0006	0.0005	0.0007	0.0010	0.0006	0.0004	0.0006	0.0009
Cl-38	0.9845	0.9145	0.8273	0.7679	1.0894	0.9055	1.0480	1.6433
Cl-39	1.9914	1.8934	1.6573	1.5554	2.2969	1.8738	1.8568	3.0754
Cl-40	2.5595	2.3827	2.2166	1.9877	2.9109	2.3617	2.7522	4.3383
Cm-238	1.3595	1.3117	1.4171	1.5697	1.5360	1.1396	1.2747	1.5997
Cm-239	2.9874	2.8391	2.8490	3.0791	3.3020	2.5347	2.6882	3.9717
Cm-240	0.1480	0.1364	0.1766	0.2287	0.1580	0.1180	0.1475	0.1423
Cm-241	3.8921	3.6612	3.9858	4.0964	4.2337	3.2752	3.5803	4.5400
Cm-242	0.1328	0.1224	0.1585	0.2053	0.1418	0.1059	0.1324	0.1277
Cm-243	1.7904	1.6794	1.8189	2.0397	1.9565	1.5140	1.6789	2.1146
Cm-244	0.1140	0.1051	0.1361	0.1762	0.1217	0.0909	0.1137	0.1097
Cm-245	1.7826	1.7063	1.8751	2.0849	1.9960	1.4903	1.6878	2.2518
Cm-246	0.0965	0.0890	0.1135	0.1449	0.1033	0.0776	0.0960	0.0953
Cm-247	1.3477	1.2470	1.2186	0.9662	1.4077	1.2936	1.1420	1.5101
Cm-248	2.1331	1.9939	1.9165	1.7246	2.3760	1.9216	2.0401	2.9505
Cm-249	0.1930	0.1689	0.2091	0.2553	0.1879	0.1298	0.1900	0.2742
Cm-250	20.7347	19.3894	18.3696	16.1333	23.1307	18.7670	19.7972	29.0382
Cm-251	0.5067	0.4757	0.4982	0.4577	0.5551	0.4345	0.4604	0.5960
Co-54m	4.2089	4.0076	3.6743	3.1889	4.7556	3.8796	3.8571	6.1551
Co-55	1.9766	1.8556	1.7336	1.5773	2.2350	1.7270	1.8859	2.9403
Co-56	3.6949	3.4678	3.2377	3.0790	4.2352	3.2561	3.7408	5.9657
Co-57	1.9124	1.8013	1.8866	2.1441	2.0007	1.4440	1.7319	2.2315
Co-58	1.7208	1.5862	1.5571	1.5397	1.9339	1.4640	1.7092	2.5765

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.3160	0.2670	0.3562	0.4933	0.2846	0.1822	0.3179	0.4726
Co-60	2.6021	2.5495	2.2345	2.0818	3.1326	2.3534	2.4835	4.4094
Co-60m	0.3715	0.3142	0.4082	0.5619	0.3405	0.2239	0.3776	0.5432
Co-61	1.0774	0.9024	0.7047	0.8653	1.1607	0.9884	1.1929	0.9714
Co-62	1.5395	1.4791	1.3121	1.2107	1.8148	1.3833	1.5287	2.5801
Co-62m	2.7348	2.6405	2.3313	2.1611	3.2322	2.4575	2.6650	4.5696
Cr-48	3.0013	2.8507	2.6753	2.5814	3.2568	2.6890	2.6188	3.2320
Cr-49	1.2384	1.1493	1.0218	1.0704	1.3924	1.0890	1.1840	1.8967
Cr-51	0.3399	0.3014	0.3378	0.4003	0.3297	0.2573	0.3156	0.4110
Cr-55	0.0006	0.0005	0.0005	0.0005	0.0006	0.0005	0.0006	0.0009
Cr-56	1.6969	1.5493	1.3945	1.7421	1.8686	1.3639	1.5924	1.5319
Cs-121	1.1307	1.0665	1.0210	1.0181	1.2549	1.0137	1.0690	1.6418
Cs-121m	2.1279	1.9904	1.8808	1.8909	2.3192	1.8816	1.9731	2.7715
Cs-123	1.6018	1.5305	1.5327	1.6073	1.8301	1.4051	1.6417	1.9373
Cs-124	0.6450	0.6042	0.5769	0.5318	0.6947	0.5994	0.5954	0.7214
Cs-125	1.5036	1.4334	1.4808	1.5370	1.6841	1.2964	1.5449	1.7281
Cs-126	1.1078	1.0354	1.0173	0.9161	1.1884	1.0283	1.0229	1.2685
Cs-127	2.3623	2.2411	2.2687	2.3667	2.5803	2.1190	2.3464	2.5120
Cs-128	0.8295	0.7834	0.8027	0.7978	0.9060	0.7327	0.8196	0.9331
Cs-129	2.1916	2.0833	2.1404	2.4504	2.4157	1.9523	2.3140	2.2277
Cs-130m	1.5976	1.4976	1.4978	2.0002	1.7557	1.3063	1.8384	1.6422
Cs-130	0.5466	0.5307	0.5671	0.7442	0.6259	0.4614	0.6470	0.5566
Cs-131	0.7999	0.7826	0.8453	1.1955	0.9223	0.6709	0.9912	0.7632
Cs-132	2.2808	2.1708	2.2948	2.2877	2.6533	1.9945	2.4476	2.8280
Cs-134	3.3799	3.1647	3.1824	2.5398	3.8909	2.9986	3.2736	4.7101
Cs-134m	0.6653	0.6283	0.6858	0.9019	0.7105	0.5118	0.7391	0.7393
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	2.8581	2.6765	2.4803	2.2293	3.3270	2.5683	2.8402	4.2614
Cs-136	4.2235	3.9706	3.6058	3.3594	4.7946	3.8136	4.0325	6.0832
Cs-137	2.0010	1.9872	1.9860	1.9276	2.1477	2.1620	2.1264	2.0537
Cs-138m	1.3760	1.3048	1.2949	1.4237	1.5160	1.1868	1.4150	1.7010
Cs-138	2.8419	2.6804	2.4909	2.1943	3.1984	2.5553	2.7391	4.2620
Cs-139	0.2737	0.2607	0.2404	0.2137	0.3179	0.2489	0.2752	0.4467
Cs-140	1.9406	1.8110	1.7829	1.4669	2.2060	1.7366	1.9660	2.9232
Cu-57	0.1387	0.1323	0.1179	0.1086	0.1627	0.1232	0.1360	0.2253
Cu-59	0.7359	0.6978	0.6464	0.5690	0.8313	0.6683	0.6802	1.0349
Cu-60	2.6978	2.5750	2.3297	2.1565	3.1244	2.4478	2.6784	4.4526
Cu-61	0.7127	0.6452	0.6618	0.6714	0.7594	0.6024	0.6808	0.9268
Cu-62	0.0175	0.0157	0.0175	0.0211	0.0179	0.0126	0.0174	0.0273
Cu-64	0.1951	0.1656	0.2183	0.3000	0.1774	0.1144	0.1960	0.2933

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.1320	0.1247	0.1097	0.1020	0.1527	0.1154	0.1278	0.2092
Cu-67	1.0760	0.9994	0.9179	0.9620	1.1617	0.9089	0.9447	1.6030
Cu-69	0.8425	0.7925	0.7348	0.6452	0.9660	0.7414	0.8108	1.2633
Dy-148	2.4202	2.1654	2.2993	2.0507	2.7426	2.0589	2.5024	2.9796
Dy-149	3.5974	3.2440	3.1563	3.1714	4.0627	3.0989	3.7096	4.7689
Dy-150	1.6485	1.4616	1.4614	1.3469	1.7389	1.4926	1.5632	1.7753
Dy-151	3.6515	3.3075	3.2638	3.1640	4.0305	3.1494	3.6014	4.7431
Dy-152	2.4829	2.1755	2.0413	2.1224	2.6899	2.2646	2.4276	2.8789
Dy-153	4.2940	3.7803	3.6980	3.8733	4.7055	3.6479	4.3629	5.0284
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	2.9981	2.6558	2.5100	2.6115	3.2762	2.5961	2.9521	3.5870
Dy-157	2.5731	2.2887	2.2007	2.2218	2.7364	2.2932	2.4694	2.4739
Dy-159	1.1826	0.9775	1.0216	1.2226	1.2850	0.9415	1.3394	1.2050
Dy-165m	0.3527	0.3068	0.3536	0.4346	0.3579	0.2539	0.3603	0.4579
Dy-165	0.2091	0.1879	0.1860	0.1980	0.2348	0.1805	0.2166	0.2403
Dy-166	0.9072	0.7858	0.7890	0.9707	0.9829	0.7336	0.9751	0.9543
Dy-167	2.3543	2.1570	2.0934	1.8858	2.5806	2.1348	2.1974	2.7878
Dy-168	2.1714	1.9766	1.9588	1.8431	2.3447	1.8654	2.0276	2.6478
Er-154	1.3675	1.2164	1.2832	1.6579	1.5360	1.1194	1.5021	1.3774
Er-156	1.8082	1.5669	1.7175	2.1957	1.9144	1.3974	2.0164	2.0627
Er-159	2.8451	2.5879	2.5917	2.4893	3.2097	2.4799	2.8766	3.6300
Er-161	2.9556	2.6783	2.5656	2.6734	3.3324	2.5632	3.0185	3.7898
Er-163	0.9392	0.8074	0.8227	1.0105	1.0465	0.7856	1.0624	0.9703
Er-165	0.9092	0.7814	0.7984	0.9827	1.0115	0.7584	1.0281	0.9423
Er-167m	0.9207	0.8274	0.7637	0.8520	0.9718	0.7775	0.8415	1.0190
Er-169	0.0091	0.0077	0.0103	0.0142	0.0082	0.0053	0.0092	0.0136
Er-171	2.5871	2.3983	2.2322	2.2461	2.8025	2.3703	2.3795	2.6375
Er-172	2.3838	2.1758	2.1868	2.0207	2.6295	2.1519	2.3339	2.7544
Er-173	3.6836	3.4107	3.1049	3.2479	4.0635	3.1683	3.4364	4.5091
Es-249	2.7826	2.6418	2.7031	2.8414	3.0599	2.4270	2.4999	3.0687
Es-250	7.8946	7.4409	7.8638	8.9870	8.7703	6.7346	7.3395	8.7033
Es-250m	2.3182	2.2164	2.2643	2.5145	2.6167	1.9581	2.1537	2.7661
Es-251	1.9543	1.8597	2.0584	2.4406	2.1474	1.6033	1.8017	2.1217
Es-253	0.0376	0.0345	0.0426	0.0565	0.0404	0.0299	0.0366	0.0366
Es-254	1.3346	1.2107	1.5300	2.0367	1.3996	1.0251	1.3147	1.3812
Es-254m	1.4907	1.3954	1.5157	1.4668	1.7160	1.2937	1.4495	1.8411
Es-255	0.0011	0.0010	0.0009	0.0008	0.0012	0.0010	0.0010	0.0015
Es-256	0.1884	0.1755	0.2097	0.2879	0.2104	0.1535	0.1799	0.1666
Eu-142	0.3585	0.3234	0.3100	0.2920	0.4038	0.3119	0.3721	0.5151
Eu-142m	5.2373	4.8639	4.7526	4.1096	5.9204	4.5298	5.0545	7.4071

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.6471	0.5624	0.5487	0.5646	0.7092	0.5331	0.6832	0.8625
Eu-144	0.2919	0.2522	0.2453	0.2537	0.3166	0.2437	0.3118	0.3936
Eu-145	2.7057	2.3667	2.3291	2.2858	2.9861	2.2488	2.8191	3.5745
Eu-146	4.8869	4.4242	4.4662	3.8852	5.5534	4.2286	4.9604	6.6604
Eu-147	2.6154	2.2384	2.2263	2.3196	2.8087	2.0799	2.6663	2.9512
Eu-148	6.1639	5.5983	5.7872	4.7940	6.8483	5.2783	5.9869	7.8673
Eu-149	1.2973	1.0366	1.1242	1.2903	1.3378	0.9702	1.4125	1.3469
Eu-150	5.8114	5.2512	5.2153	4.5164	6.2364	5.1314	5.4096	6.5926
Eu-150m	0.2373	0.2036	0.2039	0.1988	0.2488	0.2016	0.2343	0.2492
Eu-152	3.2800	2.9402	2.8142	2.7639	3.5994	2.7862	3.2182	4.0379
Eu-152m	0.8921	0.7837	0.7603	0.7678	0.9811	0.7341	0.9107	1.1127
Eu-152n	1.3647	1.2078	1.1978	1.3730	1.4572	1.0565	1.3435	1.6231
Eu-154	2.6434	2.4811	2.3193	2.2050	3.0158	2.2850	2.5365	3.5842
Eu-154m	1.6276	1.4045	1.4505	1.7716	1.7198	1.2802	1.7590	1.8929
Eu-155	0.9581	0.8598	0.8174	0.8896	1.0597	0.7816	0.9514	1.0957
Eu-156	1.6315	1.5208	1.4186	1.3310	1.8679	1.4312	1.6343	2.4605
Eu-157	2.1186	1.8295	1.8329	1.8758	2.2505	1.8207	2.1607	2.2765
Eu-158	2.1846	2.0090	1.8560	1.7974	2.4707	1.8745	2.1705	3.1714
Eu-159	2.1476	1.8368	1.8022	1.9733	2.3473	1.7693	2.2847	2.4063
F-17	0.0005	0.0005	0.0004	0.0004	0.0006	0.0004	0.0005	0.0007
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.5483	1.4544	1.3791	1.4383	1.6941	1.3380	1.3762	3.2398
Fe-53	0.7025	0.6496	0.6233	0.5020	0.7299	0.6767	0.5953	0.7560
Fe-53m	3.9552	3.7560	3.4914	3.0490	4.6301	3.5366	3.8850	6.1838
Fe-55	0.2619	0.2212	0.2952	0.4088	0.2357	0.1509	0.2635	0.3919
Fe-59	1.3876	1.3460	1.1806	1.1020	1.6496	1.2404	1.3204	2.2958
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.9315	1.8395	1.6338	1.5119	2.2156	1.7441	1.8223	2.8823
Fe-62	1.9471	1.8125	1.8783	1.4439	2.0900	1.6424	1.7209	2.3488
Fm-251	1.8778	1.7857	1.8947	2.1882	2.0607	1.5386	1.7086	2.0814
Fm-252	0.0974	0.0904	0.1097	0.1491	0.1078	0.0794	0.0936	0.0872
Fm-253	1.6300	1.5366	1.7381	2.1635	1.7872	1.3325	1.5112	1.6729
Fm-254	0.1090	0.1012	0.1202	0.1588	0.1208	0.0898	0.1047	0.1029
Fm-255	1.0580	0.9720	1.2180	1.6240	1.1311	0.8387	1.0235	1.0280
Fm-256	19.5489	18.2883	17.3414	15.2274	21.8183	17.6906	18.6619	27.3722
Fm-257	2.0049	1.8941	2.0167	2.3777	2.2164	1.6855	1.8434	2.2173
Fr-212	3.2171	2.9965	2.9092	3.0268	3.5357	2.7312	3.0273	4.2279
Fr-219	0.0188	0.0173	0.0168	0.0150	0.0198	0.0168	0.0165	0.0214
Fr-220	0.2403	0.2156	0.2476	0.2907	0.2454	0.1815	0.2408	0.2892
Fr-221	0.2445	0.2220	0.2022	0.2107	0.2571	0.2121	0.2145	0.2744

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	1.5120	1.3966	1.4139	1.5269	1.5964	1.2636	1.3601	1.7227
Fr-223	1.0030	0.9133	0.9900	1.1684	1.1002	0.8466	1.0450	1.0385
Fr-224	1.6753	1.5658	1.4951	1.5157	1.8278	1.4530	1.5311	2.1376
Fr-227	2.6224	2.4250	2.4332	2.3664	2.8715	2.2508	2.4880	3.1883
Ga-64	1.9947	1.8578	1.6968	1.5530	2.2761	1.7930	2.0612	3.2669
Ga-65	1.5566	1.4543	1.4346	1.5452	1.7070	1.2820	1.4834	2.0719
Ga-66	1.5541	1.4101	1.3940	1.3946	1.6997	1.3215	1.6557	2.5571
Ga-67	1.9481	1.7560	1.8622	2.1604	1.9902	1.4972	1.8123	2.6600
Ga-68	0.1134	0.1012	0.1137	0.1385	0.1153	0.0805	0.1122	0.1753
Ga-70	0.0159	0.0147	0.0140	0.0147	0.0175	0.0131	0.0150	0.0262
Ga-72	3.1503	2.9318	2.7576	2.4086	3.6061	2.8352	3.2324	4.8446
Ga-73	2.5520	2.2936	2.3787	2.6179	2.5923	2.1287	2.3581	2.9793
Ga-74	3.6300	3.3784	3.3546	2.7250	4.1012	3.2369	3.6788	5.3742
Gd-142	1.5359	1.3644	1.3335	1.2933	1.6800	1.3099	1.5164	1.9778
Gd-143m	4.0680	3.6408	3.4691	3.3238	4.4674	3.6018	3.9701	5.0808
Gd-144	1.0298	0.8749	0.8837	0.9033	1.1066	0.8517	1.1081	1.2239
Gd-145m	1.6673	1.5304	1.5719	1.4433	1.8795	1.4366	1.6555	2.2606
Gd-145	2.2941	2.0418	1.9386	1.9278	2.5227	1.9849	2.4311	3.3172
Gd-146	4.0970	3.5546	3.5851	3.8806	4.4539	3.2655	4.2070	5.1404
Gd-147	4.8910	4.3650	4.1773	3.9333	5.3145	4.3039	4.6916	5.9421
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.4814	3.0624	3.0142	3.0283	3.7512	2.9630	3.4237	4.4387
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.4664	1.2011	1.2825	1.4949	1.5367	1.1201	1.5767	1.7034
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.1760	1.8272	1.8952	2.0833	2.3683	1.7087	2.3476	2.4520
Gd-159	0.4486	0.3908	0.3860	0.3980	0.4800	0.3935	0.4522	0.4539
Gd-162	1.8162	1.6645	1.6720	1.3582	1.8893	1.6598	1.5778	2.0703
Ge-66	2.8602	2.5519	2.6562	2.7952	2.9664	2.3583	2.7065	3.5306
Ge-67	1.6679	1.5737	1.4693	1.4644	1.8590	1.4735	1.5197	3.3677
Ge-68	0.6421	0.5426	0.7247	1.0021	0.5784	0.3705	0.6467	0.9594
Ge-69	1.5482	1.4178	1.4862	1.5893	1.6631	1.2166	1.5055	2.3340
Ge-71	0.6513	0.5504	0.7351	1.0163	0.5866	0.3758	0.6559	0.9731
Ge-75	0.2096	0.1909	0.1688	0.1573	0.2251	0.2024	0.1834	0.2484
Ge-77	3.5791	3.3048	3.0516	2.7043	3.8884	3.2916	3.1744	4.4338
Ge-78	1.5953	1.4624	1.2959	1.1933	1.7063	1.5553	1.3857	1.7736
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.7519	1.5882	1.4737	1.5523	1.8762	1.6109	1.6830	1.7369
Hf-169	2.9236	2.6484	2.6499	2.5156	3.1526	2.5283	2.8387	3.2896
Hf-170	3.3602	3.0345	3.0240	3.2614	3.6835	2.8774	3.4067	4.3424

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	2.5586	2.2501	2.2754	2.9263	2.7668	2.1077	2.7342	2.7166
Hf-173	3.8009	3.5084	3.2624	3.5418	4.1539	3.3310	3.6593	4.0817
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.6787	2.4079	2.2819	2.3956	2.8637	2.4549	2.6219	2.6968
Hf-177m	15.1572	13.8191	12.8057	12.7945	16.1824	13.7804	13.8749	16.9977
Hf-178m	11.7845	10.7914	10.4032	9.5576	12.5624	10.4048	10.6143	13.4498
Hf-179m	6.3928	5.8187	5.5891	5.6003	6.8013	5.6676	5.9574	7.6867
Hf-180m	5.9337	5.4002	5.1022	4.8677	6.2826	5.3476	5.4011	6.4122
Hf-181	3.0383	2.8109	2.7835	2.5692	3.2439	2.5990	2.7658	3.5918
Hf-182	1.6322	1.4831	1.3348	1.3143	1.7580	1.5547	1.4854	2.0031
Hf-182m	4.8550	4.4112	4.2272	4.2366	5.2370	4.2836	4.6383	5.8144
Hf-183	2.4952	2.2582	2.0850	2.0026	2.7549	2.2156	2.4578	3.0398
Hf-184	2.8685	2.5594	2.6947	3.1226	2.9343	2.2600	2.7557	3.7904
Hg-190	3.0465	2.7243	2.6384	3.0829	3.1994	2.4793	3.0026	4.0411
Hg-191m	5.7307	5.1534	4.9200	4.9114	6.1216	5.0440	5.4722	6.9307
Hg-192	3.2286	2.8351	2.7120	3.1226	3.3492	2.7337	3.1878	3.6767
Hg-193	3.2720	2.9024	2.7685	3.0620	3.4557	2.7545	3.2545	3.9757
Hg-193m	3.3347	3.0056	2.8875	2.8694	3.5682	2.8888	3.2257	4.0179
Hg-194	0.3491	0.2998	0.4102	0.5406	0.3217	0.2123	0.3626	0.4962
Hg-195	2.0156	1.7363	1.7422	2.1196	2.0706	1.6049	2.1023	2.2712
Hg-195m	2.3784	2.0757	2.2335	2.6311	2.4006	1.8709	2.3801	2.8652
Hg-197	1.7935	1.5266	1.5186	1.9319	1.8047	1.3848	1.8633	1.8862
Hg-197m	1.6938	1.5113	1.5732	1.8758	1.7301	1.3048	1.6608	2.0391
Hg-199m	2.2203	1.9908	1.9680	2.2190	2.3341	1.8441	2.1615	3.4510
Hg-203	1.5282	1.3888	1.2468	1.2069	1.6222	1.4455	1.3616	1.6646
Hg-205	0.0451	0.0406	0.0357	0.0385	0.0469	0.0379	0.0394	0.0475
Hg-206	0.7159	0.6537	0.6012	0.5820	0.7534	0.6568	0.6423	0.7027
Hg-207	3.9539	3.6725	3.3396	3.1164	4.3209	3.5892	3.7464	5.3226
Ho-150	2.1899	2.0325	1.9662	1.7194	2.5293	1.9436	2.1777	3.1040
Ho-153	2.5783	2.3367	2.2020	2.1592	2.8249	2.3325	2.4774	2.9078
Ho-153m	2.9509	2.6825	2.6150	2.5531	3.2445	2.6014	2.8428	3.7472
Ho-154m	7.2134	6.6602	6.5021	5.4938	7.7560	6.5548	6.4871	8.2741
Ho-154	3.4903	3.2267	3.0700	2.7320	3.7991	3.1897	3.2125	4.0595
Ho-155	2.4159	2.1411	2.1017	2.2454	2.6234	2.0632	2.4248	2.8508
Ho-156	4.4467	4.0880	3.8286	3.7522	4.9381	3.9832	4.2882	5.9102
Ho-157	3.6209	3.2066	3.1212	3.3289	3.9539	3.1376	3.6570	4.1221
Ho-159	3.8034	3.4093	3.2940	3.6056	4.1820	3.2348	3.8206	4.2711
Ho-160	4.5605	4.1426	4.0212	3.8997	5.1509	3.9189	4.5984	6.0022
Ho-161	1.5565	1.3618	1.4315	1.7965	1.7344	1.2559	1.6780	1.5914
Ho-162	1.3144	1.1217	1.1391	1.3683	1.4361	1.0634	1.4432	1.4095

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	2.6432	2.3505	2.3078	2.6036	2.8864	2.2028	2.6893	3.3580
Ho-163	0.0105	0.0089	0.0118	0.0164	0.0095	0.0061	0.0106	0.0157
Ho-164	0.7289	0.6180	0.6380	0.7770	0.7957	0.5885	0.8125	0.7654
Ho-164m	1.4482	1.2342	1.3532	1.7283	1.5290	1.1134	1.6060	1.6532
Ho-166	0.2901	0.2535	0.2554	0.3215	0.3051	0.2249	0.2991	0.3283
Ho-166m	5.2232	4.8225	4.5817	4.2918	5.8073	4.6247	4.9240	7.1117
Ho-167	2.0419	1.8761	1.7542	1.6296	2.1559	1.9046	1.8108	2.0356
Ho-168	1.9901	1.8389	1.7575	1.6573	2.2615	1.7402	1.9635	2.7952
Ho-168m	0.3029	0.2581	0.3037	0.4001	0.3048	0.2136	0.3236	0.3837
Ho-170	4.4358	4.0948	3.7680	3.7542	4.9778	3.9191	4.2784	6.2064
I-118m	6.2796	5.9206	6.0151	4.8354	7.2323	5.5574	6.0261	8.6859
I-118	2.1907	2.0641	2.1131	1.6898	2.5131	1.9341	2.1069	2.9913
I-119	2.1448	1.9898	1.8554	1.9362	2.3856	2.0264	2.0180	2.4924
I-120	2.7173	2.5489	2.5630	2.2354	3.0711	2.3983	2.7064	3.7643
I-120m	5.6460	5.3129	5.4616	4.3922	6.4428	4.9584	5.4351	7.6444
I-121	2.3272	2.1871	2.0667	2.3601	2.5783	2.0300	2.1800	2.4071
I-122	0.5609	0.5333	0.5579	0.5485	0.6425	0.4841	0.5581	0.6553
I-123	2.1770	2.1093	2.1089	2.5006	2.5226	1.9086	2.1590	3.8218
I-124	2.0864	1.9872	2.0593	2.0169	2.4221	1.8286	2.1152	2.5897
I-125	1.5902	1.5593	1.6657	2.3396	1.8950	1.3437	1.7831	1.3556
I-126	1.5985	1.5106	1.5407	1.4714	1.8001	1.4514	1.5410	1.8181
I-128	0.3084	0.2893	0.2943	0.2648	0.3341	0.2753	0.2811	0.3429
I-129	0.8512	0.8134	0.8770	1.2186	0.9724	0.7058	1.0490	0.8082
I-130m	0.5436	0.5130	0.5504	0.5783	0.6020	0.4511	0.5492	0.6278
I-130	5.2751	4.9328	5.0202	3.9164	5.9579	4.6725	4.9705	7.0300
I-131	1.7900	1.7952	1.7852	1.7238	1.9103	1.9206	1.9074	1.8381
I-132	4.3506	4.0828	4.0450	3.2836	5.0357	3.8848	4.2384	6.2116
I-132m	1.3115	1.2364	1.2873	1.3395	1.5010	1.1242	1.3184	1.7004
I-133	1.8744	1.7506	1.8014	1.3974	2.0566	1.6056	1.7008	2.3666
I-134m	2.3086	2.1596	2.0772	2.3747	2.5732	2.1218	2.3158	2.4423
I-134	4.4135	4.1432	3.8768	3.3974	5.0639	3.9376	4.2764	6.4995
I-135	1.8439	1.7639	1.5903	1.4450	2.1345	1.6673	1.7662	2.8959
In-103	3.0609	2.8646	2.6546	2.4774	3.4538	2.7290	2.8938	4.4360
In-105	2.7618	2.6165	2.4765	2.3939	3.1467	2.4508	2.5757	3.5576
In-106	5.2885	4.9606	4.8493	4.1027	6.0973	4.6705	5.1085	7.4736
In-106m	2.3493	2.1965	2.2282	1.8193	2.7166	2.1145	2.3792	3.4323
In-107	2.6754	2.5077	2.3497	2.4275	3.0046	2.3738	2.4568	3.1136
In-108	6.7986	6.3987	6.0909	5.5881	7.8738	6.1167	6.5287	9.3959
In-108m	2.5121	2.3506	2.3752	2.1413	2.9210	2.2624	2.5341	3.5298
In-109	2.6877	2.5175	2.3542	2.6158	3.0423	2.3514	2.3994	2.7675

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	1.3873	1.3022	1.3844	1.0513	1.6306	1.2368	1.3665	1.8880
In-110	6.3765	6.0000	5.8879	5.3529	7.4596	5.6481	6.2079	8.6583
In-110m	1.9072	1.7935	1.8650	1.6236	2.2489	1.7004	1.8894	2.4860
In-111	3.6757	3.4346	3.1865	3.5357	4.1557	3.3692	3.2795	5.1119
In-111m	1.6851	1.5750	1.6463	1.3141	1.8567	1.4376	1.5271	2.0325
In-112	0.3662	0.3514	0.3665	0.4633	0.4488	0.3195	0.3471	0.3063
In-112m	0.8047	0.7807	0.7992	1.0598	0.9798	0.6970	0.7542	0.8845
In-113m	1.3179	1.2309	1.2133	1.1144	1.4224	1.2492	1.1348	1.3341
In-114	0.0069	0.0067	0.0067	0.0080	0.0084	0.0061	0.0065	0.0072
In-114m	0.7395	0.7029	0.6987	0.8531	0.8629	0.6337	0.6758	0.7445
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.1128	1.0519	1.0135	1.0813	1.2365	1.0309	0.9761	0.9510
In-116m	2.9702	2.8524	2.5720	2.3199	3.4470	2.6986	2.8181	4.6668
In-117	3.1060	2.9341	2.9571	2.5783	3.4802	2.7168	2.8303	5.3908
In-117m	0.7623	0.7264	0.6964	0.7641	0.8624	0.6942	0.6800	0.9986
In-118m	3.7341	3.5765	3.2873	2.8972	4.3954	3.3334	3.5901	5.8563
In-118	0.0913	0.0891	0.0803	0.0723	0.1090	0.0819	0.0865	0.1490
In-119	1.6589	1.5558	1.5141	1.4160	1.9428	1.4766	1.6332	2.2959
In-119m	0.2036	0.1941	0.1903	0.2257	0.2383	0.1770	0.1896	0.2218
In-121	1.5620	1.4601	1.3238	1.2004	1.7952	1.3910	1.5189	2.3365
In-121m	0.6775	0.6308	0.6082	0.8040	0.8095	0.6083	0.7050	0.5634
Ir-180	3.9535	3.6000	3.4357	3.3963	4.3069	3.4896	3.8129	4.8885
Ir-182	3.7461	3.4024	3.1862	3.2972	4.0409	3.3003	3.5921	4.5121
Ir-183	3.9372	3.4761	3.3107	3.6242	4.1901	3.4219	4.0182	4.7836
Ir-184	5.7844	5.2371	4.9354	4.9827	6.2588	5.1343	5.6194	7.2226
Ir-185	3.6747	3.2042	3.1686	3.7244	3.8500	3.0735	3.8362	4.6135
Ir-186	5.6144	5.0895	4.8368	4.8402	6.0470	4.9785	5.4417	6.8908
Ir-186m	3.1622	2.8538	2.7244	2.7928	3.4696	2.7550	3.2142	4.1602
Ir-187	2.5345	2.1833	2.1406	2.5154	2.6452	2.1241	2.6718	2.9410
Ir-188	3.9518	3.5561	3.3975	3.4986	4.3051	3.4624	4.0897	5.7049
Ir-189	1.7489	1.4736	1.4676	1.8838	1.7866	1.4300	1.8958	1.9601
Ir-190	6.5847	5.9784	5.8822	5.3758	7.0679	5.7890	6.1903	7.9976
Ir-190m	0.3562	0.3019	0.4053	0.5549	0.3223	0.2076	0.3612	0.5273
Ir-190n	1.3823	1.1617	1.1295	1.4573	1.4251	1.1457	1.5258	1.4937
Ir-191m	1.7008	1.4801	1.5263	1.9054	1.7296	1.3205	1.7540	1.9407
Ir-192	3.8513	3.5627	3.3695	2.9427	4.0780	3.5540	3.3698	3.9364
Ir-192m	0.3923	0.3352	0.4553	0.6080	0.3591	0.2346	0.4047	0.5667
Ir-192n	0.8220	0.7025	0.9509	1.2678	0.7541	0.4947	0.8491	1.1834
Ir-193m	0.3567	0.3025	0.4040	0.5514	0.3240	0.2103	0.3629	0.5235
Ir-194	0.3327	0.3094	0.2854	0.2537	0.3555	0.3133	0.2920	0.3449

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	8.3728	7.7785	7.7642	6.3149	9.0660	7.5256	7.5296	9.6684
Ir-195	1.3203	1.1371	1.1436	1.4279	1.3576	1.0517	1.3919	1.4840
Ir-195m	2.3678	2.1270	2.0715	2.1005	2.4888	2.0670	2.2499	2.7114
Ir-196	0.6900	0.6403	0.6038	0.5186	0.7450	0.6418	0.6193	0.8044
Ir-196m	9.0214	8.3537	8.4172	6.8277	9.6931	8.1397	8.0886	10.6815
K-38	1.3503	1.2363	1.1393	1.0348	1.4765	1.2359	1.5082	2.2728
K-40	0.1420	0.1366	0.1220	0.1183	0.1643	0.1289	0.1377	0.2374
K-42	0.2390	0.2288	0.2010	0.1916	0.2737	0.2211	0.2325	0.3927
K-43	3.0600	2.8467	2.8606	2.1971	3.3437	2.8398	2.7474	3.6357
K-44	2.0349	1.9182	1.7417	1.5785	2.3435	1.8409	2.0784	3.3498
K-45	2.4297	2.2852	2.0651	1.9863	2.7082	2.1855	2.3210	4.3130
K-46	1.9443	1.8600	1.6785	1.5414	2.2918	1.7918	1.9453	3.3918
Kr-74	2.1619	1.9865	1.9119	1.9803	2.3087	1.8475	2.0034	2.5212
Kr-75	1.8202	1.7484	1.6820	1.7173	2.0115	1.5389	1.6403	2.7445
Kr-76	2.8973	2.6424	2.7952	2.7611	3.0319	2.5249	2.7484	3.2314
Kr-77	1.9101	1.8463	1.7576	1.7912	2.0913	1.5990	1.6788	2.5690
Kr-79	1.2501	1.1360	1.3243	1.3570	1.2906	1.0301	1.2402	1.5272
Kr-81	0.5830	0.5196	0.7490	0.8790	0.5667	0.3974	0.6542	0.7280
Kr-81m	1.1532	1.0650	1.0175	1.0532	1.2163	0.9740	1.0163	1.5393
Kr-83m	0.2649	0.2343	0.3343	0.4038	0.2544	0.1764	0.2915	0.3402
Kr-85	0.0083	0.0078	0.0081	0.0062	0.0090	0.0070	0.0074	0.0101
Kr-85m	1.3386	1.2803	1.2194	1.2092	1.4859	1.1942	1.1965	2.5950
Kr-87	1.2565	1.1568	1.1147	0.8988	1.3410	1.1874	1.1759	1.6310
Kr-88	1.9606	1.8102	1.6842	1.5847	2.1550	1.7580	2.0168	2.9653
Kr-89	2.5194	2.3480	2.2177	1.9258	2.8176	2.2731	2.4214	3.6104
La-128	4.9997	4.6729	4.4839	3.9084	5.5274	4.5219	4.6558	6.4006
La-129	1.9986	1.8812	1.8397	1.9075	2.1892	1.7965	2.0056	2.3400
La-130	3.6224	3.3904	3.2868	2.8856	3.9627	3.2835	3.4019	4.4757
La-131	2.5943	2.4514	2.4572	2.5871	2.8345	2.3027	2.6686	2.9808
La-132	3.4211	3.2010	3.2247	2.9005	3.7464	2.9962	3.3703	4.3961
La-132m	2.7641	2.5974	2.5841	2.5828	3.0322	2.3686	2.7227	3.4957
La-133	1.0988	1.0356	1.1322	1.4852	1.1935	0.8979	1.3496	1.2338
La-134	0.4213	0.4020	0.4322	0.5404	0.4707	0.3539	0.5230	0.4817
La-135	0.8732	0.8365	0.9114	1.2605	0.9659	0.7205	1.1527	0.9229
La-136	0.5891	0.5643	0.6092	0.8366	0.6552	0.4885	0.7729	0.6400
La-137	0.8123	0.7786	0.8516	1.1971	0.8988	0.6677	1.0860	0.8546
La-138	1.7758	1.6997	1.6094	1.7077	2.0499	1.5790	1.8862	2.6248
La-140	3.2180	3.0162	2.8221	2.4876	3.5601	2.9075	3.0405	4.5207
La-141	0.0247	0.0240	0.0212	0.0198	0.0293	0.0226	0.0239	0.0418
La-142	2.1238	1.9669	1.9152	1.6056	2.4116	1.9212	2.2461	3.3242

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.3079	0.2898	0.2767	0.2352	0.3532	0.2768	0.3065	0.4708
Lu-165	3.4887	3.1835	3.0352	3.2225	3.8577	3.0706	3.4859	4.1933
Lu-167	3.9960	3.6648	3.5144	3.7564	4.4307	3.5338	4.0571	5.1405
Lu-169m	0.2639	0.2229	0.2976	0.4119	0.2376	0.1521	0.2656	0.3946
Lu-169	3.5326	3.2240	3.0264	3.2858	3.9636	3.1001	3.6116	4.6514
Lu-170	3.4925	3.2027	3.0036	3.1539	3.9348	3.0833	3.6781	4.9742
Lu-171m	0.2826	0.2388	0.3164	0.4372	0.2556	0.1649	0.2851	0.4192
Lu-171	3.3659	3.0097	3.0493	3.4929	3.7399	2.8572	3.5589	4.0450
Lu-172	5.0059	4.5902	4.3201	4.4773	5.5980	4.3540	4.9885	6.7704
Lu-172m	0.2373	0.2005	0.2676	0.3703	0.2136	0.1368	0.2388	0.3549
Lu-173	2.6171	2.3141	2.2072	2.6486	2.8943	2.3105	2.8072	2.8352
Lu-174	1.3058	1.1446	1.1366	1.4381	1.4321	1.1028	1.4409	1.4480
Lu-174m	1.6654	1.4212	1.5152	1.9708	1.7333	1.3080	1.8248	1.9399
Lu-176	3.5195	3.2003	2.9168	3.0225	3.6854	3.1139	3.1276	3.6307
Lu-176m	0.3631	0.3162	0.3321	0.4215	0.3740	0.2765	0.3750	0.4418
Lu-177	0.3570	0.3257	0.3014	0.3300	0.3818	0.3033	0.3291	0.4037
Lu-177m	7.6280	6.9473	6.4483	6.6065	8.1630	6.8386	7.0590	8.9452
Lu-178	0.3465	0.3169	0.3113	0.3542	0.3810	0.2869	0.3481	0.4825
Lu-178m	6.6187	6.0500	5.6386	5.4191	7.0121	5.9518	5.9394	7.1314
Lu-179	0.2085	0.1899	0.1644	0.1677	0.2210	0.1849	0.1795	0.2313
Lu-180	3.2319	3.0187	2.7922	2.6610	3.5774	2.9031	2.9957	4.3369
Lu-181	2.6350	2.3878	2.4089	2.4340	2.8618	2.2416	2.5744	3.3261
Mg-27	1.4392	1.3491	1.2218	1.1104	1.6668	1.2789	1.4136	2.2020
Mg-28	2.5539	2.4649	2.3373	2.4223	2.9271	2.3261	2.6136	3.4301
Mn-50m	4.5823	4.3704	3.9814	3.5829	5.3827	4.1276	4.4738	7.2857
Mn-51	0.0136	0.0122	0.0135	0.0154	0.0142	0.0102	0.0135	0.0207
Mn-52	4.2873	4.0514	3.7567	3.4518	4.9594	3.8094	4.1914	6.6793
Mn-52m	1.2937	1.2540	1.1033	1.0412	1.5160	1.1896	1.2456	2.1638
Mn-53	0.2133	0.1801	0.2404	0.3329	0.1920	0.1229	0.2146	0.3192
Mn-54	1.6546	1.5293	1.4789	1.4455	1.8677	1.4157	1.6395	2.4882
Mn-56	2.0061	1.8754	1.7103	1.5533	2.2985	1.8097	2.0201	3.1242
Mn-57	0.7343	0.6735	0.7714	0.8764	0.7543	0.5541	0.7021	0.9251
Mn-58m	3.2208	3.0554	2.8138	2.4984	3.7274	2.9086	3.1181	4.9279
Mo-101	2.6076	2.4417	2.3360	2.1050	2.9153	2.2814	2.4495	3.6846
Mo-102	0.1462	0.1366	0.1223	0.1238	0.1588	0.1301	0.1253	0.2107
Mo-89	0.3117	0.2951	0.2864	0.2564	0.3623	0.2801	0.3082	0.4666
Mo-90	3.5704	3.3664	3.3595	3.5055	3.9091	3.2628	3.1574	3.9330
Mo-91m	1.3256	1.2616	1.2472	1.0536	1.5532	1.1961	1.2923	1.9768
Mo-91	0.0507	0.0482	0.0596	0.0717	0.0557	0.0463	0.0481	0.0501
Mo-93	0.5929	0.5684	0.7586	0.9560	0.6483	0.5395	0.5412	0.4572

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	3.8499	3.6226	3.4623	3.1256	4.4079	3.5622	3.6671	5.4258
Mo-99	0.4601	0.4309	0.4145	0.3946	0.5234	0.4089	0.4326	0.6597
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.9008	0.8281	0.8653	0.7191	1.0298	0.9087	1.0646	1.8755
Na-22	1.2786	1.2698	1.1118	1.0327	1.5671	1.1645	1.2113	2.2138
Na-24	2.5881	2.4145	2.2260	2.0096	2.9619	2.3801	2.8696	4.4648
Nb-87	2.1962	2.0501	1.9736	2.1099	2.3197	1.8900	1.8493	2.3387
Nb-88m	5.3534	5.0303	4.7501	4.0579	6.0301	4.8267	5.0250	7.6233
Nb-88	6.6787	6.2646	6.0327	5.3741	7.4948	5.9309	6.2411	9.0818
Nb-89	0.5814	0.5462	0.5725	0.5721	0.6467	0.5286	0.5949	0.8407
Nb-89m	1.8147	1.6946	1.7893	1.4525	1.9596	1.5449	1.6227	2.1841
Nb-90	4.2477	4.0137	3.8716	3.7844	4.7605	3.7893	4.2599	6.6674
Nb-91	0.5794	0.5562	0.7877	0.9421	0.6117	0.5205	0.5394	0.4858
Nb-91m	0.5366	0.5150	0.6744	0.8390	0.5891	0.4865	0.4916	0.4465
Nb-92	3.7046	3.4774	3.6460	3.2724	4.1421	3.2372	3.4998	4.8430
Nb-92m	2.0318	1.9169	2.0069	2.0618	2.2847	1.7989	1.9611	2.7210
Nb-93m	0.1206	0.1139	0.1520	0.1937	0.1290	0.1048	0.1114	0.1037
Nb-94m	0.4147	0.3966	0.5262	0.6616	0.4527	0.3751	0.3798	0.3294
Nb-94	2.8423	2.6619	2.5587	2.1583	3.3105	2.5407	2.8047	4.1813
Nb-95	1.4429	1.3507	1.2884	1.1041	1.6853	1.3013	1.4303	2.1209
Nb-95m	0.8085	0.7542	0.8304	0.9523	0.8748	0.7487	0.7171	0.8003
Nb-96	4.8021	4.5111	4.3238	3.6464	5.4815	4.2776	4.5637	6.8115
Nb-97	1.4332	1.3434	1.4153	1.0542	1.6797	1.2802	1.4134	1.9991
Nb-98m	4.4462	4.1836	3.9449	3.4278	5.1473	4.0200	4.3504	6.6036
Nb-99	2.1266	2.0693	2.0357	2.1780	2.4196	1.8494	1.8925	2.8780
Nb-99m	0.9823	0.9152	0.8850	0.8005	1.0977	0.8946	0.9747	1.3923
Nd-134	2.7023	2.4540	2.3991	2.5612	2.9406	2.3078	2.7023	4.0446
Nd-135	3.3762	3.0127	2.9656	2.9756	3.5866	2.8372	3.2742	3.8689
Nd-136	2.4395	2.1416	2.2457	2.5091	2.6415	1.9404	2.6750	2.8360
Nd-137	2.9560	2.6427	2.6206	2.7148	3.2266	2.4883	3.1077	3.5051
Nd-138	1.0229	0.8689	0.9372	1.1628	1.0824	0.7926	1.2211	1.0390
Nd-139	1.0630	0.9293	0.9730	1.0934	1.1436	0.8618	1.1916	1.1989
Nd-139m	4.3153	3.9489	3.8786	3.8739	4.8522	3.6692	4.4723	5.6289
Nd-140	0.9213	0.7763	0.8507	1.0770	0.9751	0.7015	1.1268	0.9394
Nd-141	0.9429	0.7979	0.8684	1.0915	1.0017	0.7219	1.1464	0.9783
Nd-141m	1.3998	1.3010	1.2608	1.0937	1.6261	1.2493	1.4033	2.0135
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2585	1.0929	1.1052	1.1314	1.3556	1.0133	1.2928	1.3994
Nd-149	2.3125	2.0932	1.9828	1.9145	2.4927	2.0232	2.1453	2.7287
Nd-151	2.5997	2.4244	2.2715	2.1516	2.9072	2.2825	2.4420	3.4621

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	1.0755	0.9738	0.9254	0.9146	1.1498	1.0030	0.9772	1.2423
Ne-19	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0003
Ne-24	1.9821	1.8419	1.8676	1.4488	2.1162	1.7333	1.7385	2.3783
Ni-56	5.1876	4.8379	4.6920	4.4434	5.7759	4.5762	4.8693	8.7968
Ni-57	1.7274	1.6535	1.5405	1.5654	1.9582	1.4910	1.6559	2.7223
Ni-59	0.3698	0.3123	0.4168	0.5773	0.3328	0.2130	0.3720	0.5534
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6114	0.5855	0.5203	0.4798	0.7037	0.5590	0.5811	0.9604
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.6335	4.3564	4.4253	4.4657	5.1427	4.0870	4.3772	5.7560
Np-233	1.4286	1.3671	1.5005	1.6161	1.6060	1.1990	1.3731	1.8058
Np-234	2.5339	2.4093	2.5273	2.6676	2.8492	2.1805	2.4678	3.4887
Np-235	0.5095	0.4634	0.6275	0.7869	0.5193	0.3835	0.5201	0.5582
Np-236	3.1444	2.9658	3.4471	3.9681	3.4493	2.6026	3.0488	4.2705
Np-236m	0.8044	0.7671	0.8611	0.9449	0.9008	0.6699	0.7791	1.0012
Np-237	1.1212	1.0430	1.2700	1.5556	1.1956	0.8950	1.1534	1.1952
Np-238	1.2742	1.1899	1.2188	1.3224	1.4298	1.0790	1.2484	1.7254
Np-239	2.3308	2.2023	2.3440	2.5744	2.5747	1.9890	2.1787	2.7802
Np-240	3.9429	3.6942	3.9296	4.0165	4.3844	3.3752	3.7461	5.0566
Np-240m	1.1717	1.0904	1.2087	1.1887	1.2932	0.9971	1.1187	1.4085
Np-241	0.5647	0.5407	0.5897	0.6480	0.6330	0.4742	0.5328	0.7160
Np-242	0.3938	0.3707	0.3674	0.3565	0.4506	0.3486	0.3899	0.5723
Np-242m	3.2710	3.0547	3.2302	3.5214	3.6661	2.8263	3.1771	4.4361
O-14	1.3381	1.2048	1.1268	1.0082	1.4525	1.2238	1.5754	2.2501
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.1389	2.0089	1.7266	1.7144	2.3493	1.8712	1.8494	2.8386
Os-180	1.9695	1.6853	1.7013	2.1788	2.0557	1.6178	2.1055	2.1560
Os-181	4.7076	4.2009	3.9029	4.2317	5.1153	4.1398	4.7592	5.9587
Os-182	3.3854	3.0090	2.9828	3.1716	3.5699	2.8440	3.3308	4.1997
Os-183	4.5266	4.0022	3.8016	4.0709	4.7763	4.0377	4.5108	5.0866
Os-183m	2.5386	2.2753	2.1009	2.3275	2.8000	2.1868	2.6323	3.3765
Os-185	2.5876	2.3046	2.3244	2.2917	2.8683	2.2445	2.7075	3.2264
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.3428	0.2903	0.3890	0.5343	0.3097	0.1991	0.3468	0.5090
Os-190m	6.7041	6.1742	6.2523	5.4488	7.1799	5.8124	6.0710	8.3496
Os-191	1.8060	1.5731	1.5989	1.9874	1.8452	1.4172	1.8627	2.0353
Os-191m	0.4628	0.3903	0.4764	0.6443	0.4375	0.3075	0.4842	0.6226
Os-193	0.6085	0.5387	0.5367	0.5898	0.6311	0.5061	0.5978	0.7151
Os-194	0.3541	0.2978	0.3876	0.5103	0.3332	0.2219	0.3711	0.4833
Os-196	0.6028	0.5382	0.5056	0.5275	0.6349	0.5284	0.5803	0.6380

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0010	0.0009	0.0009	0.0008	0.0011	0.0009	0.0012	0.0017
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5900	0.5369	0.6253	0.7323	0.6231	0.4763	0.6028	0.6610
Pa-228	4.8239	4.5038	4.7264	4.7968	5.2671	4.1215	4.6093	6.1361
Pa-229	1.2595	1.1819	1.3207	1.4624	1.3746	1.0236	1.2293	1.5301
Pa-230	2.7107	2.5340	2.6965	2.7659	2.9760	2.2794	2.6124	3.4737
Pa-231	1.0791	0.9871	1.2524	1.5142	1.1076	0.8396	1.0908	1.1927
Pa-232	2.6685	2.4929	2.5771	2.5440	2.9521	2.2977	2.5461	3.6247
Pa-233	2.0644	1.9313	2.0621	2.1817	2.2125	1.8024	1.9111	2.2213
Pa-234	4.8481	4.5516	4.7162	4.7822	5.4033	4.1739	4.6416	6.4066
Pa-234m	0.0388	0.0364	0.0371	0.0378	0.0437	0.0334	0.0379	0.0538
Pa-235	0.1246	0.1053	0.1407	0.1944	0.1123	0.0720	0.1256	0.1861
Pa-236	1.8180	1.7036	1.8197	1.7168	2.0486	1.5855	1.7935	2.4650
Pa-237	1.4239	1.3246	1.3113	1.1610	1.5905	1.2254	1.3565	1.9762
Pb-194	3.8602	3.4748	3.2952	3.4094	4.1177	3.2597	3.7181	4.5643
Pb-195m	5.8367	5.3057	5.2469	4.9651	6.1832	5.1388	5.4687	6.8716
Pb-196	3.6004	3.2064	3.0557	3.1967	3.7719	3.0445	3.4263	4.0127
Pb-197	3.7446	3.4052	3.2029	3.1629	4.0243	3.2869	3.5931	4.6099
Pb-197m	4.9913	4.5150	4.4014	4.2914	5.2629	4.3602	4.6704	5.7598
Pb-198	3.3500	2.9926	2.8346	3.0167	3.5013	2.8809	3.1785	3.7736
Pb-199	3.1267	2.8255	2.6585	2.7091	3.3243	2.7175	2.9950	3.6425
Pb-200	2.8222	2.5101	2.4331	2.7935	2.9445	2.3022	2.7597	3.5131
Pb-201	3.6160	3.2671	3.0694	3.1178	3.8108	3.1621	3.3942	3.8370
Pb-201m	1.3129	1.1935	1.2476	1.1247	1.4556	1.1050	1.3052	1.6082
Pb-202	0.3392	0.2899	0.3942	0.5261	0.3105	0.2030	0.3500	0.4896
Pb-202m	4.8764	4.5178	4.3856	3.7865	5.3708	4.3423	4.5647	6.4465
Pb-203	2.8642	2.5414	2.3586	2.5580	2.9857	2.5012	2.7185	3.0186
Pb-204m	4.3398	4.0374	3.7270	3.3002	4.8224	3.9402	4.0605	5.8493
Pb-205	0.3433	0.2934	0.3990	0.5324	0.3143	0.2054	0.3543	0.4955
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3831	0.3355	0.4578	0.5640	0.3727	0.2603	0.4152	0.4859
Pb-211	0.1852	0.1712	0.1654	0.1411	0.2012	0.1688	0.1696	0.2326
Pb-212	1.3424	1.1999	1.0963	1.1712	1.4115	1.1714	1.2397	1.4884
Pb-214	1.5660	1.4268	1.3545	1.3145	1.6355	1.4130	1.4068	1.6213
Pd-100	2.7257	2.4905	2.2492	3.1005	3.1658	2.3584	2.5952	2.0049
Pd-101	2.1921	2.0640	2.0349	2.6403	2.6277	1.9982	2.0373	1.7665
Pd-103	0.7439	0.7037	0.7083	1.1015	0.9342	0.6720	0.7045	0.4181
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.0976	1.0243	0.9300	1.0829	1.2232	0.9563	0.9464	1.3296

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.4292	0.4087	0.4169	0.5984	0.5261	0.3706	0.4016	0.3011
Pd-111	0.1104	0.1031	0.1001	0.0881	0.1248	0.0988	0.1041	0.1401
Pd-112	0.2848	0.2687	0.3120	0.4401	0.3325	0.2538	0.2671	0.1979
Pd-114	0.1945	0.1831	0.1640	0.1635	0.2114	0.1743	0.1659	0.2079
Pd-96	3.3134	3.1571	3.0117	3.0586	3.8286	2.8938	3.0705	3.7957
Pd-97	3.1154	2.8996	2.6961	2.5655	3.4945	2.8693	2.9319	4.0953
Pd-98	2.4738	2.3655	2.2913	2.6763	2.9518	2.1934	2.3203	2.5761
Pd-99	2.5964	2.4718	2.3207	2.4459	2.9662	2.3168	2.3711	3.2621
Pm-136	4.7095	4.3755	4.2385	3.5247	5.2086	4.3067	4.3628	5.9422
Pm-137m	4.9346	4.5074	4.3710	4.1627	5.3922	4.2943	4.6986	6.3274
Pm-139	0.9076	0.8057	0.8134	0.7872	0.9690	0.7831	0.9129	1.0516
Pm-140m	4.9764	4.6078	4.3744	3.8443	5.5517	4.4509	4.7509	6.7996
Pm-140	0.3439	0.3109	0.3075	0.3008	0.3839	0.2916	0.3543	0.4693
Pm-141	0.7220	0.6218	0.6361	0.7181	0.7830	0.5769	0.8076	0.8656
Pm-142	0.2824	0.2378	0.2506	0.2919	0.3013	0.2214	0.3260	0.3193
Pm-143	1.5072	1.2972	1.3584	1.4651	1.6478	1.2131	1.6854	1.7711
Pm-144	4.7307	4.3080	4.5286	3.8311	5.3152	4.0578	4.7541	6.0245
Pm-145	0.9843	0.8049	0.8760	1.0778	1.0306	0.7386	1.1670	0.9991
Pm-146	2.6672	2.4104	2.4550	2.1920	2.9087	2.2982	2.6209	3.2558
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Pm-148	0.8812	0.8319	0.8003	0.6751	0.9998	0.7788	0.8345	1.2779
Pm-148m	5.2309	4.8668	4.9788	3.8928	5.8786	4.6092	4.9300	6.8322
Pm-149	0.0619	0.0564	0.0520	0.0491	0.0660	0.0580	0.0551	0.0682
Pm-150	2.6800	2.5243	2.3141	2.0453	2.9795	2.4814	2.4566	3.4646
Pm-151	1.8689	1.6790	1.6127	1.5395	2.0135	1.6518	1.7561	2.3138
Pm-152m	4.2370	3.9010	3.5817	3.4083	4.6755	3.7996	3.9384	5.3495
Pm-152	0.7376	0.6793	0.6438	0.6240	0.8234	0.6226	0.7154	0.9347
Pm-153	1.0068	0.9173	0.9012	1.0052	1.0881	0.8076	0.9983	1.1142
Pm-154	2.3114	2.1074	1.9470	1.8915	2.5801	1.9971	2.3493	3.4072
Pm-154m	3.9916	3.6491	3.4038	3.2598	4.4009	3.4956	3.8038	5.4769
Po-203	3.9422	3.6036	3.3795	3.4854	4.3015	3.3172	3.8213	5.1213
Po-204	5.5497	4.9938	4.9039	5.2613	5.8795	4.5608	5.3926	6.5756
Po-205	3.7931	3.4643	3.2425	3.3295	4.1643	3.1971	3.7180	4.9604
Po-206	4.8090	4.3720	4.3536	4.3978	5.1144	4.0085	4.5960	5.7108
Po-207	3.4578	3.1515	2.9621	2.9967	3.7733	2.9153	3.3593	4.4049
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-209	0.0435	0.0382	0.0413	0.0498	0.0437	0.0328	0.0424	0.0576
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0176	0.0164	0.0162	0.0133	0.0199	0.0154	0.0168	0.0244
Po-212m	0.0687	0.0623	0.0629	0.0509	0.0755	0.0611	0.0752	0.1024

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0001	0.0001	0.0002	0.0001	0.0002	0.0002
Po-215	0.0007	0.0007	0.0007	0.0005	0.0008	0.0007	0.0006	0.0008
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3778	5.9218	5.7526	4.8766	7.0037	5.8065	5.9211	8.0031
Pr-134m	3.0063	2.7814	2.7030	2.2894	3.2393	2.7512	2.8019	3.8522
Pr-135	2.0871	1.8831	1.8538	2.0171	2.2466	1.7779	2.1809	2.2646
Pr-136	3.5525	3.2944	3.3636	2.8538	3.9202	3.0460	3.4483	4.6185
Pr-137	0.8547	0.7587	0.8076	0.9899	0.9240	0.6860	1.0211	0.9539
Pr-138	0.2885	0.2563	0.2720	0.3327	0.3146	0.2323	0.3474	0.3255
Pr-138m	5.2713	4.8852	4.5718	4.4266	5.8927	4.6978	5.2056	6.8623
Pr-139	0.8544	0.7493	0.8164	1.0624	0.9171	0.6682	1.0692	0.8891
Pr-140	0.4556	0.3993	0.4353	0.5668	0.4885	0.3561	0.5704	0.4722
Pr-142	0.0478	0.0454	0.0400	0.0384	0.0540	0.0443	0.0469	0.0784
Pr-142m	0.0168	0.0142	0.0189	0.0262	0.0151	0.0097	0.0169	0.0251
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0325	0.0303	0.0296	0.0247	0.0373	0.0294	0.0334	0.0495
Pr-144m	0.4287	0.3616	0.4087	0.5251	0.4438	0.3150	0.5097	0.4688
Pr-145	0.0446	0.0404	0.0391	0.0372	0.0503	0.0383	0.0457	0.0589
Pr-146	1.7041	1.5951	1.5429	1.2784	1.8799	1.5349	1.5835	2.3312
Pr-147	2.5508	2.2413	2.2440	2.3524	2.7524	2.1035	2.6602	2.7934
Pr-148	2.0314	1.8999	1.7445	1.5556	2.2449	1.8865	1.8688	2.5360
Pr-148m	3.2253	2.9938	2.8483	2.4146	3.4860	2.9923	2.8717	3.6562
Pt-184	6.3821	5.6110	5.4365	6.0957	6.7060	5.3739	6.4085	7.9109
Pt-186	3.3033	2.9158	2.8652	2.9960	3.5708	2.8372	3.4040	3.9604
Pt-187	3.9219	3.4392	3.2839	3.7271	4.1430	3.3334	3.9999	4.5058
Pt-188	2.6988	2.3350	2.2369	2.6589	2.7826	2.2485	2.7393	3.0842
Pt-189	3.6542	3.1822	3.0992	3.5268	3.8493	3.0746	3.7841	4.2060
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.2842	2.8329	2.7348	3.1714	3.4112	2.7688	3.4077	3.6024
Pt-193	0.3627	0.3091	0.4183	0.5633	0.3306	0.2150	0.3720	0.5283
Pt-193m	0.6066	0.5142	0.6110	0.8109	0.5806	0.4147	0.6343	0.7783
Pt-195m	2.1274	1.8264	1.9507	2.4892	2.1421	1.6158	2.2436	2.5032
Pt-197	0.5910	0.5116	0.5460	0.6866	0.5818	0.4265	0.5847	0.6796
Pt-197m	1.4821	1.2741	1.3639	1.6854	1.4790	1.1509	1.5321	1.6874
Pt-199	0.8490	0.7795	0.7749	0.6894	0.9089	0.7301	0.7733	1.0298
Pt-200	1.0368	0.9018	0.9088	1.1058	1.0537	0.8126	1.0391	1.1837
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	1.0568	1.0173	1.1198	1.2156	1.1963	0.8876	1.0118	1.3348
Pu-234	1.2073	1.1590	1.2899	1.4150	1.3601	1.0091	1.1595	1.5114
Pu-235	1.6266	1.5541	1.7490	1.9444	1.8238	1.3546	1.5740	2.0043
Pu-236	0.1558	0.1431	0.1924	0.2415	0.1622	0.1220	0.1580	0.1583
Pu-237	1.1514	1.0876	1.2583	1.4445	1.2706	0.9471	1.1288	1.3723
Pu-238	0.1438	0.1320	0.1777	0.2230	0.1496	0.1124	0.1459	0.1463
Pu-239	0.0856	0.0768	0.1029	0.1326	0.0856	0.0619	0.0867	0.0990
Pu-240	0.1352	0.1242	0.1671	0.2098	0.1408	0.1058	0.1372	0.1376
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1160	0.1065	0.1434	0.1799	0.1207	0.0908	0.1177	0.1180
Pu-243	0.4712	0.4262	0.4225	0.5066	0.5044	0.3811	0.4462	0.4560
Pu-244	0.1266	0.1168	0.1458	0.1727	0.1341	0.1028	0.1267	0.1406
Pu-245	1.6545	1.5610	1.5452	1.4601	1.8239	1.4817	1.5046	1.9158
Pu-246	1.9716	1.8222	1.8997	2.1283	2.1743	1.6659	1.8818	2.2660
Ra-219	1.0840	1.0020	0.9427	0.9188	1.1404	0.9760	0.9589	1.0420
Ra-220	0.0189	0.0176	0.0179	0.0139	0.0201	0.0166	0.0165	0.0222
Ra-221	0.6747	0.6216	0.7030	0.7968	0.7080	0.5319	0.6574	0.9781
Ra-222	0.0483	0.0450	0.0414	0.0374	0.0506	0.0457	0.0411	0.0442
Ra-223	1.5413	1.4060	1.3969	1.5135	1.6270	1.2805	1.4401	1.8501
Ra-224	0.0740	0.0670	0.0604	0.0598	0.0793	0.0693	0.0658	0.0901
Ra-225	0.5423	0.4331	0.5212	0.5965	0.5536	0.3978	0.6036	0.5413
Ra-226	1.4548	1.4349	1.4495	1.4139	1.5786	1.5930	1.5585	1.5154
Ra-227	1.5390	1.4223	1.6229	1.8114	1.6270	1.2797	1.4911	1.7040
Ra-228	1.3084	1.2915	1.2970	1.2688	1.4129	1.4250	1.4106	1.3734
Ra-230	0.7931	0.7224	0.7386	0.7881	0.8431	0.6649	0.7579	0.9192
Rb-77	2.0553	1.8506	1.6973	1.6773	2.2579	1.8607	2.0609	2.6254
Rb-78m	3.8268	3.5900	3.5171	2.8961	4.2770	3.4400	3.6199	5.3270
Rb-78	2.9461	2.7102	2.7097	2.2375	3.2373	2.6628	2.9536	4.3046
Rb-79	2.5551	2.4046	2.4570	2.2493	2.8062	2.2218	2.3747	3.7655
Rb-80	0.4365	0.4091	0.4402	0.3259	0.5055	0.3853	0.4260	0.5918
Rb-81	1.1495	1.0634	1.2449	1.1384	1.2074	0.9649	1.1280	1.3521
Rb-81m	0.4743	0.4426	0.6219	0.6567	0.4968	0.3803	0.5367	0.4837
Rb-82	0.2584	0.2417	0.2403	0.2166	0.2977	0.2293	0.2609	0.3750
Rb-82m	5.3236	4.9984	5.0613	4.3554	6.0681	4.6636	5.2143	7.5432
Rb-83	2.2397	2.0770	2.3934	2.0801	2.3906	1.8389	2.1645	2.7019
Rb-84	1.3763	1.2815	1.3637	1.3303	1.5376	1.1676	1.4261	1.9433
Rb-84m	2.2210	2.0339	1.9569	1.7820	2.3698	2.0448	1.9793	2.6417
Rb-86m	1.7168	1.6020	1.6884	1.2714	1.8987	1.4746	1.5771	2.1623
Rb-86	0.1188	0.1133	0.0995	0.0925	0.1389	0.1045	0.1146	0.1914
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.5500	0.5144	0.4648	0.4285	0.6207	0.4995	0.5624	0.8923
Rb-89	2.3005	2.1793	1.9659	1.7834	2.6702	2.0582	2.3066	3.7291
Rb-90	1.2678	1.1625	1.0991	0.9739	1.4532	1.1639	1.3276	2.1238
Rb-90m	2.9095	2.7102	2.5134	2.2584	3.3462	2.6432	3.0078	4.6709
Re-178	3.3055	2.9670	2.8162	3.0319	3.5986	2.8972	3.3544	4.3353
Re-179	4.4351	3.9905	3.8159	3.8390	4.7223	3.9516	4.2783	5.2051
Re-180	3.4277	3.0781	2.9330	3.2121	3.7839	2.9343	3.5552	4.5538
Re-181	4.2335	3.7686	3.6345	3.8107	4.4998	3.7529	4.2009	4.8176
Re-182	7.7601	6.9850	6.4710	7.1437	8.4319	6.8055	7.6852	10.0364
Re-182m	3.8813	3.4653	3.2091	3.6590	4.2757	3.3589	4.0591	5.0205
Re-183	2.9152	2.5233	2.5105	3.1128	3.0678	2.4196	3.0963	3.7173
Re-184	3.0991	2.7735	2.6337	2.8796	3.4194	2.6741	3.2229	3.9892
Re-184m	2.8540	2.5199	2.4773	2.8635	3.0221	2.3991	2.8973	3.5578
Re-186	0.3261	0.2927	0.2844	0.3355	0.3458	0.2686	0.3267	0.4116
Re-186m	1.2114	1.0213	1.2607	1.6912	1.1534	0.7995	1.2709	1.6398
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.3989	0.3684	0.3604	0.3772	0.4375	0.3439	0.3824	0.7481
Re-188m	1.8311	1.5611	1.6006	2.0541	1.8829	1.4636	1.9781	2.1571
Re-189	0.4799	0.4291	0.4083	0.4434	0.5017	0.4104	0.4464	0.6035
Re-190	4.6487	4.2954	4.1560	3.5771	5.0594	4.1682	4.2081	5.9237
Re-190m	3.9775	3.6313	3.5770	3.3054	4.2769	3.4893	3.7176	4.8685
Rh-100m	1.1685	1.0962	1.0907	1.6170	1.4244	1.0394	1.1467	0.7761
Rh-100	4.3442	4.0678	4.0241	3.8054	4.9194	3.8646	4.1984	5.6425
Rh-101	2.9998	2.8394	2.6324	3.0435	3.3318	2.5970	2.5739	2.7310
Rh-101m	2.1261	1.9899	1.9119	2.1457	2.3686	1.9941	1.8764	1.7801
Rh-102	1.5605	1.4608	1.5077	1.4938	1.7500	1.3780	1.4090	1.6314
Rh-102m	5.6638	5.3089	5.3565	4.7513	6.4431	5.0343	5.2996	7.0803
Rh-103m	0.1048	0.0965	0.1041	0.1568	0.1226	0.0864	0.1009	0.0826
Rh-104	0.0398	0.0373	0.0390	0.0320	0.0446	0.0345	0.0367	0.0485
Rh-104m	1.2006	1.1170	1.0730	1.5196	1.4827	1.1100	1.2333	0.8590
Rh-105	0.4004	0.3734	0.3379	0.3046	0.4210	0.3834	0.3385	0.3586
Rh-106	0.5938	0.5545	0.5753	0.4402	0.6566	0.5103	0.5445	0.7575
Rh-106m	5.8977	5.5303	5.3872	4.4395	6.6040	5.2322	5.4782	8.0387
Rh-107	1.5492	1.4383	1.3139	1.1655	1.6409	1.4859	1.3245	1.5312
Rh-108	1.0913	1.0136	1.0301	0.7846	1.1746	0.9885	0.9642	1.3087
Rh-109	1.6806	1.5664	1.4427	1.3551	1.8031	1.5797	1.4475	1.7483
Rh-94	3.2920	3.1322	2.8580	2.5841	3.7933	2.9870	3.1786	5.0207
Rh-95	2.2997	2.1696	2.0033	1.9297	2.6711	2.0645	2.2625	3.4245
Rh-95m	1.7422	1.6206	1.6786	1.3537	1.9348	1.5091	1.6210	2.2103
Rh-96	5.6086	5.2696	5.2010	4.4034	6.5465	5.0389	5.5239	8.0255

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	1.4449	1.3575	1.2747	1.3575	1.6967	1.3015	1.4298	1.9209
Rh-97	2.2560	2.1039	2.0593	1.8762	2.4831	2.0820	2.0363	2.6686
Rh-97m	3.2600	3.0418	2.8838	2.9678	3.6671	2.9285	3.1119	4.3153
Rh-98	1.6666	1.5646	1.6260	1.2893	1.9514	1.4930	1.6473	2.3155
Rh-99	3.0375	2.8465	2.8387	3.0634	3.4383	2.7257	2.7527	2.9502
Rh-99m	2.4178	2.2724	2.2204	2.3256	2.7178	2.2479	2.1660	2.3366
Rn-207	3.1926	2.9371	2.8637	2.6687	3.4441	2.7985	2.9586	3.6866
Rn-209	3.5392	3.2507	3.1630	2.9683	3.8094	3.0966	3.3015	4.2534
Rn-210	0.2572	0.2350	0.2360	0.2315	0.2761	0.2157	0.2433	0.3087
Rn-211	4.3158	4.0128	3.9247	3.6678	4.8163	3.7283	4.1367	5.8757
Rn-212	0.0007	0.0007	0.0007	0.0005	0.0008	0.0006	0.0007	0.0010
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0018	0.0019	0.0014	0.0022	0.0017	0.0018	0.0025
Rn-219	0.3196	0.2922	0.2720	0.2441	0.3375	0.3033	0.2794	0.3600
Rn-220	1.8378	1.8395	1.8277	1.7742	1.9708	1.9865	1.9554	1.8996
Rn-222	0.0015	0.0014	0.0014	0.0011	0.0016	0.0013	0.0013	0.0018
Rn-223	1.6761	1.5426	1.6879	1.7182	1.7990	1.3715	1.6203	2.1805
Ru-103	1.9099	1.7776	1.8381	1.4215	2.0528	1.6218	1.6896	2.2929
Ru-105	2.1521	2.0132	1.9753	1.7145	2.4263	1.9437	1.9992	2.6845
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8408	0.7848	0.7299	0.6505	0.9301	0.7551	0.7620	1.1068
Ru-108	0.6345	0.6028	0.5667	0.6123	0.7197	0.5635	0.5712	1.2464
Ru-92	6.4585	6.0070	5.6460	6.1125	7.1932	5.8933	5.8585	7.3036
Ru-94	2.2933	2.1452	2.1507	2.2258	2.5298	2.1449	2.0435	2.2727
Ru-95	2.9828	2.8078	2.7353	2.7138	3.3421	2.7563	2.7201	3.3131
Ru-97	2.1934	2.0309	1.9402	2.2351	2.4091	1.9846	1.9064	2.0849
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.1926	1.0719	1.0663	0.9134	1.3400	1.1189	1.4895	2.1999
S-38	1.1702	1.0943	0.9878	0.9170	1.2945	1.0741	1.2173	1.9654
Sb-111	2.4778	2.3550	2.2998	2.1765	2.7913	2.1743	2.2537	4.1094
Sb-113	2.3121	2.1696	2.1973	1.9403	2.5346	1.9907	2.0684	2.6143
Sb-114	2.2331	2.1665	1.9589	1.8778	2.6536	2.0230	2.1413	3.4635
Sb-115	2.5272	2.3797	2.4646	2.2530	2.7980	2.1421	2.2743	2.7909
Sb-116	2.0839	2.0208	1.8570	1.8988	2.4924	1.8653	2.0396	3.1295
Sb-116m	6.1993	5.9490	5.6668	5.5362	7.1978	5.4797	5.7932	8.3739
Sb-117	2.1399	2.0695	2.0527	2.4161	2.5188	1.8799	1.9885	3.7529
Sb-118	0.2725	0.2666	0.2730	0.3542	0.3344	0.2341	0.2624	0.2500
Sb-118m	6.0058	5.6548	5.2425	5.5810	6.9964	5.3898	5.7219	7.7888

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	1.0127	0.9852	1.0466	1.4603	1.2422	0.8515	0.9734	0.7555
Sb-120	0.5022	0.4918	0.5150	0.7053	0.6201	0.4274	0.4853	0.3895
Sb-120m	5.9601	5.6583	5.1020	5.4076	6.8632	5.1559	5.5204	7.7078
Sb-122m	1.7405	1.5751	1.4742	1.9763	1.9937	1.5432	1.8913	1.4652
Sb-122	1.3045	1.2199	1.2809	0.9774	1.4591	1.1270	1.2103	1.6631
Sb-124	2.7389	2.5731	2.5836	2.0647	3.1305	2.4469	2.6681	3.9465
Sb-124m	1.2801	1.1920	1.2672	0.9812	1.4287	1.0991	1.2011	1.6651
Sb-124n	0.0585	0.0494	0.0660	0.0914	0.0527	0.0337	0.0589	0.0876
Sb-125	1.9845	1.8743	1.9355	1.8726	2.2255	1.7556	1.9165	2.2855
Sb-126	6.4364	6.0125	6.0558	4.7478	7.3245	5.8355	6.1258	8.6714
Sb-126m	3.9377	3.6718	3.7316	2.8724	4.4253	3.5958	3.6877	5.1496
Sb-127	1.9369	1.8043	1.8013	1.4678	2.1694	1.7421	1.8147	2.5079
Sb-128	7.1504	6.6964	6.5689	5.4030	8.1375	6.4460	6.7981	9.4803
Sb-128m	4.5569	4.2647	4.0376	3.4811	5.1509	4.1814	4.3002	5.8205
Sb-129	2.4180	2.2685	2.1310	1.8564	2.7613	2.1588	2.3334	3.5410
Sb-130m	5.0491	4.7386	4.3650	3.9721	5.8007	4.5085	4.8730	7.5938
Sb-130	7.4493	6.9755	6.4736	5.8254	8.3725	6.7447	6.9691	10.2993
Sb-131	2.9091	2.7367	2.5555	2.2396	3.3379	2.6084	2.8441	4.3544
Sb-133	3.0067	2.8402	2.5842	2.3292	3.4527	2.7188	2.9770	4.7149
Sc-42m	4.3392	4.1384	3.8309	3.3212	4.8996	3.9709	3.9899	6.3702
Sc-43	0.3762	0.3474	0.3349	0.2769	0.3893	0.3591	0.3179	0.3977
Sc-44	1.3505	1.3104	1.1516	1.0728	1.6114	1.2039	1.2929	2.2459
Sc-44m	1.4396	1.3162	1.1667	1.0869	1.5484	1.3985	1.2635	1.6917
Sc-46	2.7840	2.6428	2.3563	2.1645	3.2565	2.4699	2.7065	4.3984
Sc-47	0.9733	0.9316	0.8783	0.8795	1.1010	0.8753	0.8753	2.4163
Sc-48	4.2016	4.0148	3.5326	3.2934	4.9151	3.7191	4.0431	6.8337
Sc-49	0.0008	0.0007	0.0007	0.0006	0.0009	0.0007	0.0008	0.0013
Sc-50	4.3299	4.1042	3.8574	3.3464	4.8981	3.8279	4.0790	6.4286
Se-70	2.6440	2.3661	2.6456	2.9776	2.6924	2.0837	2.5763	3.3038
Se-71	1.4866	1.4191	1.3194	1.2746	1.6905	1.3059	1.3839	2.6151
Se-72	1.5806	1.3401	1.6428	2.0955	1.5777	1.0949	1.7081	1.9723
Se-73	2.7992	2.4910	2.3585	2.3791	2.9026	2.5359	2.6619	2.8695
Se-73m	0.3891	0.3464	0.3836	0.4258	0.3958	0.3079	0.3822	0.4922
Se-75	3.4195	3.1466	3.1479	3.3360	3.5836	2.9003	3.0959	4.3636
Se-77m	1.0549	0.9822	1.0389	1.1332	1.1326	0.8681	0.9962	2.2135
Se-79m	0.6273	0.5571	0.7315	0.8910	0.6158	0.4238	0.6593	0.8556
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0305	0.0282	0.0262	0.0229	0.0332	0.0286	0.0273	0.0360
Se-81m	0.6715	0.6037	0.7804	0.9338	0.6712	0.4643	0.6994	0.9286
Se-83m	1.4323	1.3423	1.2378	1.0857	1.6138	1.2922	1.3725	2.0681

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	5.1719	4.8306	4.5657	3.8978	5.7071	4.6900	4.7663	6.8066
Se-84	1.6943	1.5654	1.5398	1.1771	1.7630	1.6159	1.4305	1.9088
Si-31	0.0009	0.0009	0.0008	0.0007	0.0011	0.0008	0.0008	0.0016
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5703	2.3337	2.2311	2.0486	2.7910	2.3148	2.4237	3.0339
Sm-140	1.7205	1.4841	1.4788	1.5789	1.8491	1.4012	1.7895	2.0217
Sm-141	2.3672	2.1395	2.1082	1.8619	2.5264	2.1117	2.2276	2.8625
Sm-141m	4.5140	4.0790	3.8808	3.6922	4.9181	3.8743	4.3192	5.7324
Sm-142	0.9308	0.7380	0.8052	0.9535	0.9697	0.6882	1.0816	0.9409
Sm-143	0.6022	0.4857	0.5194	0.6043	0.6333	0.4537	0.6894	0.6385
Sm-143m	1.4005	1.2951	1.2586	1.0869	1.6230	1.2452	1.4016	2.0024
Sm-145	1.9121	1.5182	1.6240	1.9329	1.9993	1.4446	2.2294	1.9050
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0017	0.0015	0.0019	0.0027	0.0017	0.0011	0.0017	0.0023
Sm-153	1.2225	1.0392	1.0638	1.1585	1.3382	0.9727	1.3063	1.3863
Sm-155	1.2114	1.1510	1.1254	1.1079	1.4048	1.0424	1.1624	1.6315
Sm-156	1.2550	1.1248	1.0552	1.1605	1.3386	1.0411	1.1688	1.5953
Sm-157	2.0671	1.8675	1.6860	1.6810	2.1992	1.7753	1.8465	2.3708
Sn-106	3.7641	3.5452	3.4046	3.4049	4.2575	3.4166	3.4186	4.2575
Sn-108	3.6636	3.4452	3.3527	3.3709	4.1191	3.3842	3.2861	4.1976
Sn-109	3.1756	3.0240	2.8514	2.9431	3.6893	2.8435	3.0588	4.2106
Sn-110	2.3461	2.2005	2.0775	2.3115	2.6466	2.1907	2.0963	2.2175
Sn-111	0.7511	0.7260	0.7357	0.9543	0.9152	0.6540	0.7190	0.6812
Sn-113	0.8237	0.8002	0.8316	1.1624	1.0205	0.7117	0.7790	0.5847
Sn-113m	0.5721	0.5571	0.5897	0.8204	0.7015	0.4815	0.5522	0.4269
Sn-117m	2.0079	1.9383	1.9151	2.2178	2.3486	1.7658	1.8588	3.7189
Sn-119m	0.6858	0.6619	0.7097	0.9913	0.8322	0.5684	0.6532	0.5292
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2206	0.2090	0.2295	0.3174	0.2552	0.1767	0.2320	0.1999
Sn-123	0.0087	0.0083	0.0073	0.0068	0.0102	0.0077	0.0084	0.0141
Sn-123m	1.3412	1.2855	1.2229	1.2736	1.5247	1.1989	1.2199	3.0858
Sn-125m	1.6234	1.5142	1.3902	1.2197	1.7040	1.5550	1.3735	1.5136
Sn-125	0.4714	0.4450	0.4012	0.3640	0.5411	0.4205	0.4544	0.7156
Sn-126	1.1090	1.0262	0.9658	1.2083	1.2580	0.9291	1.0942	1.0700
Sn-127m	1.8595	1.7342	1.7702	1.3838	1.9981	1.5925	1.6427	2.2730
Sn-127	3.0749	2.8953	2.6801	2.4047	3.4915	2.7464	2.9289	4.4818
Sn-128	3.9119	3.6889	3.7474	4.0529	4.4454	3.3665	3.7972	4.0199
Sn-129	1.8437	1.7354	1.7643	1.3756	2.1495	1.6545	1.8012	2.6260

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	3.8413	3.5588	3.2858	3.3642	4.2928	3.4092	3.6145	4.5946
Sn-130m	2.2884	2.1641	2.0522	2.0988	2.6387	2.0199	2.2302	3.0810
Sr-79	1.5259	1.3855	1.4624	1.4211	1.6511	1.3085	1.5026	1.7566
Sr-80	1.5581	1.4558	1.6986	1.5156	1.6947	1.3402	1.5425	1.9340
Sr-81	2.2193	2.0987	2.0479	1.8898	2.4499	1.9624	2.0048	3.6799
Sr-82	0.5028	0.4718	0.7169	0.7559	0.5209	0.4004	0.5893	0.5005
Sr-83	1.8345	1.7145	1.9971	1.8886	1.9954	1.6021	1.8793	2.2302
Sr-85	2.3459	2.1883	2.5043	2.1295	2.5076	1.9588	2.2304	2.7357
Sr-85m	1.5897	1.4552	1.3274	1.3137	1.7047	1.4636	1.4010	2.0714
Sr-87m	1.4175	1.3119	1.3149	1.0660	1.4699	1.3624	1.2119	1.5279
Sr-89	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.1633	1.0930	1.0274	0.8857	1.3485	1.0339	1.1353	1.7401
Sr-92	1.3549	1.3156	1.1620	1.0808	1.5978	1.2413	1.2908	2.2366
Sr-93	3.9410	3.7017	3.6220	3.0860	4.4817	3.5225	3.7927	5.8211
Sr-94	1.3503	1.3067	1.1618	1.0793	1.5874	1.2377	1.3061	2.2443
Ta-170	1.6349	1.4766	1.4323	1.5890	1.7972	1.3984	1.6572	2.1076
Ta-172	3.7412	3.4121	3.1743	3.3727	4.1322	3.2676	3.6877	4.8637
Ta-173	2.8741	2.5311	2.4555	2.9221	3.1132	2.4490	3.0512	3.6852
Ta-174	2.9305	2.6202	2.4473	2.7762	3.1533	2.5031	2.9080	3.4941
Ta-175	3.9649	3.5617	3.3231	3.6471	4.3322	3.5041	4.0284	4.7842
Ta-176	3.8476	3.5081	3.3055	3.5097	4.2810	3.3614	3.9647	5.3192
Ta-177	1.3223	1.1436	1.1078	1.3935	1.4319	1.1375	1.4676	1.4219
Ta-178	1.3824	1.1942	1.1639	1.4707	1.4947	1.1810	1.5361	1.5343
Ta-178m	8.0154	7.2662	6.8012	6.8094	8.5122	7.1910	7.4409	8.5573
Ta-179	0.7171	0.6114	0.6316	0.8270	0.7518	0.5833	0.7974	0.8122
Ta-180	1.1276	0.9692	0.9493	1.2117	1.2146	0.9613	1.2606	1.2269
Ta-182	3.2467	2.9724	2.6983	2.9109	3.6384	2.8351	3.2483	4.5301
Ta-182m	3.5926	3.2110	3.1632	3.7191	3.8060	2.9873	3.5616	5.3136
Ta-183	3.4358	3.0398	2.9655	3.4071	3.6355	2.9508	3.4342	4.3024
Ta-184	5.9218	5.4269	5.1846	4.8764	6.3793	5.3263	5.4597	7.4171
Ta-185	1.8973	1.6832	1.6557	1.9425	1.9957	1.5715	1.8780	2.7495
Ta-186	5.4420	5.0251	4.7937	4.3721	5.9298	4.7649	4.9547	6.6073
Tb-146	2.9740	2.7798	2.5319	2.3971	3.3661	2.6731	2.9533	4.6008
Tb-147m	2.0122	1.8353	1.7213	1.7546	2.2861	1.7461	2.0762	2.9442
Tb-147	3.6698	3.3868	3.2338	3.0882	4.1822	3.1621	3.6467	5.2395
Tb-148m	6.9326	6.3787	6.2570	5.3469	7.7790	6.2190	6.6846	9.1908
Tb-148	3.0074	2.7526	2.6615	2.4132	3.4034	2.6350	3.0358	4.2439
Tb-149m	2.9521	2.6609	2.6164	2.4640	3.3595	2.5524	3.0264	4.0474
Tb-149	3.5148	3.1761	3.0814	2.9229	3.8663	3.0900	3.4380	4.7661

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	7.3580	6.7515	6.9369	5.6762	8.1998	6.4608	7.0405	9.3707
Tb-150	3.4616	3.1337	3.1748	2.8014	3.8946	3.0047	3.5601	4.7441
Tb-151	4.7698	4.2643	4.2172	3.9996	5.1965	4.1519	4.6216	5.7184
Tb-151m	0.9243	0.8102	0.9170	1.1310	0.9530	0.6963	0.9454	1.1481
Tb-152m	4.2995	3.8459	3.7465	3.6565	4.6303	3.8167	4.1219	5.0763
Tb-152	3.2213	2.8984	2.7917	2.6353	3.4959	2.8687	3.1380	3.8174
Tb-153	2.7705	2.4021	2.3655	2.5465	2.9799	2.2744	2.7895	3.1923
Tb-154	3.5485	3.1916	3.0894	3.0703	3.9498	3.0189	3.6998	4.7759
Tb-155	2.6221	2.2754	2.2514	2.4839	2.8493	2.1356	2.6913	3.1190
Tb-156	5.5221	4.9996	4.8372	4.6425	6.0700	4.6944	5.3254	6.9457
Tb-156m	0.6848	0.6208	0.5848	0.7054	0.8266	0.6393	0.7920	0.6445
Tb-156n	0.2507	0.2115	0.2598	0.3449	0.2414	0.1630	0.2598	0.3369
Tb-157	0.2756	0.2278	0.2755	0.3585	0.2700	0.1841	0.2937	0.3495
Tb-158	2.6153	2.2983	2.2239	2.3693	2.8777	2.1443	2.6925	3.3783
Tb-160	2.4530	2.2735	2.0741	2.0244	2.7530	2.1618	2.3439	3.3131
Tb-161	1.0209	0.9051	0.9416	1.2202	1.1310	0.8195	1.0751	1.0139
Tb-162	3.3274	3.0470	2.7700	2.6549	3.6983	3.0357	3.1380	4.4994
Tb-163	3.2808	3.0310	2.9825	2.4395	3.4878	2.9993	2.8824	3.6999
Tb-164	5.4880	5.0970	4.8912	4.4043	6.1752	4.8746	5.2449	7.7651
Tb-165	1.2324	1.1681	1.1019	1.0471	1.4018	1.0777	1.1744	1.8812
Tc-101	1.6893	1.5734	1.4360	1.2892	1.7935	1.5999	1.4465	1.6527
Tc-102m	3.9884	3.7328	3.6746	2.9891	4.4335	3.5412	3.7718	5.5303
Tc-102	0.2009	0.1874	0.1876	0.1488	0.2194	0.1764	0.1824	0.2577
Tc-104	3.7002	3.4496	3.2691	2.7786	4.0338	3.4145	3.4323	4.8240
Tc-105	2.6808	2.5219	2.3850	2.2653	2.9853	2.4191	2.4319	3.5872
Tc-91	1.2749	1.1859	1.1059	1.0221	1.4330	1.1644	1.3299	2.0049
Tc-91m	1.2226	1.1442	1.1642	0.9384	1.3316	1.0445	1.0972	1.5399
Tc-92	5.6297	5.3163	4.9114	4.6206	6.3136	5.1622	5.2230	8.1474
Tc-93	1.8844	1.8223	1.7954	1.9627	2.2048	1.7258	1.7950	2.6152
Tc-93m	1.5955	1.4740	1.4733	1.3554	1.7159	1.5115	1.4918	1.8780
Tc-94	5.1069	4.7921	4.6949	4.3730	5.9188	4.5741	4.9910	7.0942
Tc-94m	1.8404	1.7250	1.6292	1.5770	2.1208	1.6499	1.8245	2.6797
Tc-95	2.1025	1.9803	2.0559	2.1346	2.4389	1.8995	2.0380	2.5978
Tc-95m	2.7225	2.5384	2.5293	2.6152	3.0259	2.4060	2.4639	3.0524
Tc-96	5.0239	4.7198	4.5553	4.3907	5.8307	4.5259	4.9098	6.9786
Tc-96m	0.4221	0.3995	0.4470	0.5992	0.4955	0.3793	0.3970	0.3390
Tc-97	0.6204	0.5915	0.7291	0.9767	0.7095	0.5645	0.5737	0.4355
Tc-97m	0.5032	0.4774	0.5472	0.7728	0.5954	0.4552	0.4704	0.3324
Tc-98	2.9044	2.7208	2.7666	2.1687	3.4004	2.6044	2.8709	4.1289
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	1.3008	1.2631	1.1786	1.2203	1.4544	1.1177	1.1321	2.0846
Te-113	1.5766	1.4919	1.3813	1.2774	1.8234	1.4186	1.5696	2.4020
Te-114	2.9681	2.8215	2.7597	3.0454	3.4236	2.6109	2.9119	3.5110
Te-115	2.4587	2.3459	2.2022	2.0934	2.8654	2.2158	2.3706	3.5062
Te-115m	2.8328	2.6938	2.5432	2.4276	3.2966	2.5366	2.7992	4.1107
Te-116	1.7717	1.7263	1.7746	2.2754	2.1255	1.5116	1.7878	1.6823
Te-117	2.2222	2.1076	2.0773	2.1078	2.6003	1.9700	2.2547	2.9357
Te-118	0.7876	0.7736	0.8217	1.1498	0.9582	0.6675	0.8182	0.6206
Te-119	2.2484	2.1448	2.2627	2.2294	2.6692	1.9741	2.2592	2.6667
Te-119m	3.7113	3.5744	3.3542	3.5855	4.3291	3.3158	3.5323	5.8193
Te-121	2.5314	2.4022	2.5355	2.4555	2.8963	2.1695	2.4280	2.8112
Te-121m	1.8593	1.7354	1.6090	1.8650	2.0420	1.6147	1.7049	1.9253
Te-123	0.0521	0.0442	0.0586	0.0811	0.0473	0.0304	0.0524	0.0770
Te-123m	1.7510	1.6877	1.6669	1.9064	2.0087	1.5379	1.6909	3.4791
Te-125m	1.3412	1.3109	1.4048	1.9699	1.5906	1.1270	1.5027	1.1601
Te-127	0.0218	0.0202	0.0197	0.0164	0.0229	0.0204	0.0189	0.0240
Te-127m	0.4377	0.4261	0.4610	0.6477	0.5138	0.3630	0.4853	0.3923
Te-129	0.4333	0.4082	0.4325	0.4899	0.4783	0.3631	0.4256	0.4699
Te-129m	0.3750	0.3642	0.3893	0.5120	0.4420	0.3161	0.4078	0.3639
Te-131	1.8731	1.7878	1.7234	1.6501	2.0951	1.6504	1.7162	3.1797
Te-131m	3.1875	3.0065	2.8100	2.6684	3.6492	2.8593	3.0759	4.4202
Te-132	2.3046	2.1595	2.0307	2.3700	2.5698	2.0774	2.2705	2.4619
Te-133	2.5938	2.4278	2.2512	1.9669	2.8319	2.4181	2.3532	3.1402
Te-133m	3.6784	3.4539	3.2530	2.9866	4.1726	3.2974	3.5416	5.1407
Te-134	3.4037	3.1631	2.9933	2.8283	3.7482	3.0158	3.1590	4.1478
Th-223	1.2707	1.1789	1.2725	1.4146	1.3640	1.0238	1.2257	1.5905
Th-224	0.2153	0.2004	0.1991	0.2086	0.2310	0.1848	0.1934	0.3374
Th-226	0.1713	0.1596	0.1897	0.2154	0.1805	0.1372	0.1663	0.2008
Th-227	1.6212	1.4786	1.6620	1.8584	1.6948	1.3661	1.5696	1.8292
Th-228	0.1466	0.1333	0.1762	0.2120	0.1477	0.1111	0.1485	0.1652
Th-229	2.0823	1.9096	2.2237	2.5779	2.1741	1.6264	2.0554	2.5024
Th-230	1.4709	1.4789	1.4610	1.4184	1.5715	1.5663	1.5679	1.4678
Th-231	1.2373	1.1376	1.4509	1.8001	1.3001	0.9591	1.2501	1.2907
Th-232	1.2184	1.1932	1.2119	1.1836	1.3288	1.3419	1.3230	1.2543
Th-233	0.4037	0.3681	0.4292	0.5019	0.4197	0.3114	0.3984	0.5052
Th-234	0.2634	0.2375	0.2680	0.3179	0.2809	0.2186	0.2737	0.2873
Th-235	0.1631	0.1523	0.1536	0.1302	0.1811	0.1460	0.1517	0.2121
Th-236	0.2798	0.2636	0.2878	0.2986	0.3050	0.2354	0.2636	0.3330
Ti-44	2.2813	1.9349	1.4762	1.8259	2.3892	1.9349	2.3085	1.8911
Ti-45	0.0221	0.0191	0.0238	0.0308	0.0210	0.0142	0.0220	0.0331

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	1.6271	1.5190	1.3781	1.2251	1.7167	1.5494	1.3863	1.5197
Ti-52	1.5838	1.5431	1.4900	1.5982	1.7294	1.2941	1.3580	1.4838
Tl-190	2.4090	2.1977	2.1559	1.8869	2.5626	2.1629	2.2097	2.8276
Tl-190m	6.0137	5.5394	5.4804	4.6609	6.6112	5.3787	5.6434	7.4902
Tl-194	2.5785	2.3256	2.2933	2.1194	2.7294	2.2542	2.4252	2.9453
Tl-194m	7.8131	7.1581	7.1472	6.3173	8.5546	6.8753	7.4252	9.7051
Tl-195	3.3796	3.0208	2.9715	3.2148	3.5909	2.7994	3.3936	4.2572
Tl-196	4.0403	3.6739	3.5360	3.3142	4.3265	3.5645	3.8665	5.0135
Tl-197	2.5426	2.2492	2.1501	2.3651	2.6715	2.1198	2.5173	2.9436
Tl-198	4.3482	3.9572	3.7753	3.5917	4.6730	3.8483	4.1830	5.4760
Tl-198m	5.2905	4.7966	4.8540	4.4610	5.6669	4.5922	5.0087	6.2530
Tl-199	2.4673	2.1627	2.0521	2.3200	2.5560	2.0485	2.4208	2.7302
Tl-200	4.0383	3.6811	3.4746	3.3841	4.3382	3.5759	3.8096	4.7771
Tl-201	1.8983	1.6387	1.5994	1.9795	1.9399	1.4985	1.9422	2.1470
Tl-202	2.9466	2.6317	2.5812	2.5090	3.0548	2.5293	2.7662	3.2065
Tl-204	0.0305	0.0260	0.0258	0.0327	0.0308	0.0236	0.0316	0.0319
Tl-206m	7.9144	7.2832	6.9147	6.1228	8.6237	7.1069	7.2189	9.9051
Tl-206	0.0014	0.0012	0.0012	0.0014	0.0015	0.0011	0.0014	0.0014
Tl-207	0.0039	0.0036	0.0033	0.0030	0.0045	0.0034	0.0038	0.0058
Tl-208	3.5984	3.2822	3.2980	2.6988	3.9627	3.1869	3.7879	5.1561
Tl-209	4.5130	4.2628	4.0484	3.6626	4.9447	3.9566	4.1111	5.7624
Tl-210	4.7940	4.4717	4.1696	3.8949	5.3566	4.3437	4.6184	6.5833
Tm-161	4.6888	4.2220	4.0703	4.5487	5.2310	4.0802	4.8814	5.7110
Tm-162	2.6154	2.4140	2.3099	2.3642	2.9817	2.3088	2.7069	3.6632
Tm-163	4.0638	3.7132	3.5338	3.7603	4.5941	3.6052	4.1575	5.0541
Tm-164	1.0836	0.9771	0.9530	1.0857	1.2214	0.9344	1.1576	1.3340
Tm-165	3.3701	3.0347	2.9083	3.0582	3.7205	3.0234	3.3652	3.8435
Tm-166	4.0186	3.6928	3.5341	3.6056	4.5413	3.5128	4.0832	5.4905
Tm-167	1.9664	1.7433	1.6944	2.0070	2.1382	1.6642	2.0127	2.1321
Tm-168	4.6685	4.2649	4.0702	4.0933	5.1782	4.0454	4.5338	5.9004
Tm-170	0.1003	0.0875	0.0899	0.1147	0.1044	0.0772	0.1037	0.1157
Tm-171	0.0151	0.0130	0.0130	0.0167	0.0164	0.0128	0.0169	0.0162
Tm-172	0.8106	0.7460	0.7019	0.7647	0.8931	0.6854	0.8001	1.1690
Tm-173	1.6915	1.5537	1.5219	1.2274	1.7645	1.6156	1.4647	1.8858
Tm-174	6.3261	5.8294	5.3979	5.1233	6.8432	5.7506	5.7507	8.3127
Tm-175	2.9249	2.7159	2.6774	2.2888	3.2233	2.5537	2.7291	3.7647
Tm-176	4.3065	3.9754	3.6873	3.5756	4.7153	3.8309	4.0596	5.7688
U-227	1.3736	1.2731	1.3435	1.4433	1.4844	1.1853	1.2984	1.6982
U-228	0.1668	0.1539	0.1961	0.2334	0.1739	0.1328	0.1656	0.1896
U-230	0.1700	0.1554	0.2097	0.2563	0.1734	0.1323	0.1727	0.1838

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	2.3831	2.2264	2.6816	3.1396	2.5709	1.9076	2.3713	2.6964
U-232	0.1558	0.1427	0.1969	0.2411	0.1585	0.1203	0.1595	0.1666
U-233	0.0829	0.0754	0.1039	0.1270	0.0838	0.0628	0.0854	0.0913
U-234	0.7814	0.7867	0.7734	0.7486	0.8333	0.8472	0.8236	0.8033
U-235	1.5749	1.5808	1.5711	1.5171	1.6740	1.6734	1.6259	1.6299
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1279	0.1171	0.1626	0.1990	0.1298	0.0983	0.1310	0.1371
U-237	2.3308	2.1509	2.2928	2.6341	2.5546	1.9857	2.3048	2.6455
U-238	1.0922	1.0917	1.0894	1.0612	1.1898	1.2011	1.1378	1.1732
U-239	0.8197	0.7109	0.6384	0.7770	0.8631	0.6789	0.8191	0.7075
U-240	0.4518	0.4138	0.5343	0.6655	0.4729	0.3511	0.4548	0.4891
U-242	0.3117	0.2775	0.2588	0.2736	0.3425	0.2820	0.3195	0.3351
V-47	0.0138	0.0125	0.0131	0.0148	0.0144	0.0110	0.0137	0.0228
V-48	2.8948	2.7685	2.4660	2.3284	3.3851	2.5551	2.7997	4.7101
V-49	0.1445	0.1221	0.1629	0.2256	0.1301	0.0832	0.1454	0.2162
V-50	1.4292	1.3459	1.2416	1.2300	1.6054	1.2759	1.4052	2.3018
V-52	1.2912	1.2534	1.0993	1.0391	1.5182	1.1871	1.2462	2.1775
V-53	1.4253	1.3439	1.1835	1.0988	1.6425	1.2459	1.3789	2.2411
W-177	5.3281	4.7959	4.6194	5.0207	5.7663	4.5908	5.3318	6.4080
W-178	0.5705	0.4834	0.5319	0.7080	0.5742	0.4311	0.6193	0.6930
W-179	1.5908	1.3763	1.4249	1.8949	1.6724	1.2943	1.7978	1.7732
W-179m	1.0585	0.9019	0.8733	1.1055	1.1067	0.8913	1.1427	1.1613
W-181	1.0336	0.8764	0.8669	1.1288	1.0905	0.8661	1.1582	1.1240
W-185m	1.0459	0.8988	1.0708	1.4163	1.0049	0.7069	1.0617	1.4614
W-185	0.0009	0.0008	0.0008	0.0009	0.0010	0.0008	0.0010	0.0009
W-187	1.7606	1.5981	1.5718	1.4464	1.9337	1.5303	1.7253	2.1398
W-188	0.0157	0.0139	0.0129	0.0139	0.0164	0.0141	0.0148	0.0173
W-190	2.4898	2.1707	2.0699	2.5035	2.6574	2.1401	2.6309	3.6559
Xe-120	2.7487	2.6256	2.6426	3.1654	3.1591	2.3749	2.8363	2.9568
Xe-121	2.1190	2.0039	1.9319	2.0648	2.3806	1.8892	2.1575	2.6902
Xe-122	1.0815	1.0527	1.0977	1.4426	1.2442	0.9363	1.2026	1.0547
Xe-123	2.1241	2.0507	2.0050	2.3282	2.4179	1.8548	2.1359	3.1237
Xe-125	2.6007	2.4647	2.3825	2.8588	2.9154	2.2880	2.6192	2.9940
Xe-127	2.6796	2.5338	2.4094	2.7988	2.9488	2.3307	2.5719	3.0864
Xe-127m	2.0582	1.9993	1.9135	2.1855	2.2957	1.7316	1.9810	2.5146
Xe-129m	1.5355	1.4770	1.5828	2.1958	1.7507	1.2770	1.8651	1.4832
Xe-131m	0.6439	0.6265	0.6771	0.9468	0.7364	0.5363	0.7834	0.6633
Xe-133	0.9819	0.9127	0.8620	1.1460	1.0734	0.8027	1.1014	0.9120
Xe-133m	0.7719	0.7429	0.7744	1.0410	0.8746	0.6605	0.8960	0.7806
Xe-135	1.5288	1.3885	1.2321	1.1761	1.6638	1.4931	1.3802	1.9427

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	1.6362	1.5314	1.6015	1.3226	1.7868	1.3883	1.5180	1.9676
Xe-137	0.6175	0.5736	0.5756	0.4498	0.6568	0.5522	0.5414	0.7399
Xe-138	1.9708	1.8193	1.7167	1.5914	2.1275	1.8133	1.8555	2.7712
Y-81	1.7594	1.6624	1.6795	1.7212	1.8831	1.4796	1.5943	1.7898
Y-83	1.2719	1.1835	1.3395	1.3552	1.3896	1.0977	1.3209	1.5286
Y-83m	1.5099	1.3878	1.3798	1.2656	1.6109	1.4250	1.3495	1.7607
Y-84m	4.6780	4.4013	4.0806	3.6314	5.4052	4.1584	4.5723	7.0805
Y-85	1.5118	1.4110	1.5217	1.2739	1.6260	1.2797	1.3839	1.8206
Y-85m	1.3058	1.2191	1.2489	1.1813	1.4416	1.1665	1.2774	1.7657
Y-86	4.9355	4.6553	4.5798	4.0580	5.6177	4.3987	4.8182	7.1770
Y-86m	1.4776	1.3511	1.1728	1.1936	1.5524	1.2878	1.2319	1.6141
Y-87	2.2617	2.1112	2.4065	2.1065	2.3940	1.9275	2.0914	2.5630
Y-87m	1.3744	1.2748	1.2770	1.0642	1.4279	1.3205	1.1722	1.4431
Y-88	3.2101	3.0148	3.0146	2.9210	3.5879	2.8596	3.2617	4.7809
Y-89m	1.4221	1.3321	1.2023	1.0984	1.6422	1.2575	1.3956	2.1739
Y-90	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Y-90m	3.2239	2.9762	2.8360	2.4932	3.4018	2.7805	2.7415	3.6169
Y-91	0.0034	0.0033	0.0029	0.0027	0.0041	0.0031	0.0032	0.0058
Y-91m	1.6823	1.5703	1.6615	1.2629	1.8588	1.4454	1.5449	2.1098
Y-92	0.3892	0.3664	0.3390	0.2982	0.4439	0.3452	0.3721	0.5788
Y-93	0.1982	0.1830	0.1640	0.1508	0.2184	0.1879	0.1834	0.2655
Y-94	1.1251	1.0554	0.9636	0.8633	1.2907	0.9981	1.0984	1.7076
Y-95	0.8252	0.7648	0.7057	0.6339	0.9310	0.7493	0.8661	1.3552
Yb-162	2.4722	2.2795	2.2249	2.4541	2.7654	2.1331	2.4722	3.4270
Yb-163	1.8711	1.6866	1.6602	1.8905	2.0730	1.6079	1.9629	2.3178
Yb-164	0.9954	0.8811	0.8754	1.0880	1.1233	0.8679	1.1174	1.0510
Yb-165	2.7883	2.4626	2.4436	3.0397	3.0189	2.2853	2.9551	3.1211
Yb-166	1.8497	1.6364	1.5940	2.0008	2.0767	1.5980	2.0534	1.9143
Yb-167	4.0754	3.7224	3.6809	4.3165	4.5562	3.4636	4.2259	4.9003
Yb-169	4.6603	4.1681	3.9285	4.6427	5.1555	4.0888	4.8749	5.1858
Yb-175	0.2351	0.2154	0.2047	0.1918	0.2513	0.2195	0.2153	0.2626
Yb-177	0.7357	0.6899	0.6402	0.6762	0.8320	0.6451	0.7135	1.2079
Yb-178	0.1855	0.1697	0.1651	0.1432	0.1923	0.1742	0.1617	0.1973
Yb-179	2.9970	2.7860	2.8771	2.2802	3.3494	2.6601	2.8242	3.8045
Zn-60	1.6767	1.5303	1.4971	1.2939	1.8903	1.5376	1.6649	2.0658
Zn-61	0.7034	0.6564	0.6342	0.5384	0.7736	0.6262	0.6719	1.0022
Zn-62	1.9398	1.7068	1.9051	1.9054	2.0159	1.4989	1.8917	2.4688
Zn-63	0.2762	0.2558	0.2589	0.2373	0.3108	0.2343	0.2722	0.4093
Zn-65	1.1748	1.0725	1.1301	1.3015	1.2502	0.8891	1.1509	1.8536
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	1.6909	1.5639	1.5747	1.2274	1.7727	1.5365	1.4535	1.9595
Zn-71	0.9210	0.8610	0.8617	0.6911	1.0054	0.7945	0.8293	1.1610
Zn-71m	4.9833	4.6432	4.6978	3.6322	5.4186	4.4784	4.4561	6.1086
Zn-72	2.1179	1.9606	2.0615	2.3728	2.2174	1.6474	1.9429	3.4946
Zr-85	1.5282	1.4234	1.4194	1.1501	1.6361	1.3940	1.3496	1.8634
Zr-86	2.8183	2.6266	2.9071	3.1215	3.0422	2.5998	2.6752	3.0720
Zr-87	0.1963	0.1883	0.2225	0.2358	0.2187	0.1736	0.1947	0.2471
Zr-88	2.1303	1.9848	2.1869	1.9780	2.2136	2.0119	1.8794	2.2227
Zr-89	1.8625	1.7524	1.8080	1.7897	2.1040	1.6410	1.8379	2.5741
Zr-89m	1.5688	1.4695	1.5664	1.1991	1.7727	1.3715	1.4829	2.0499
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.4227	1.3322	1.3007	1.0792	1.6631	1.2805	1.4089	2.0673
Zr-97	1.7206	1.6128	1.5703	1.3153	1.9922	1.5466	1.6786	2.4614

Table 26: Concrete 15 cm Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.2944	0.2579	0.3272	0.3129	0.2359	0.2030	0.3671	0.3560
Ac-224	2.8776	2.6578	3.3565	2.7966	2.6864	2.2536	4.3254	2.3218
Ac-225	0.3872	0.3410	0.4183	0.3814	0.3089	0.2661	0.4816	0.4298
Ac-226	1.3657	1.2727	1.7215	1.2828	1.2793	1.0564	2.5259	1.3994
Ac-227	0.0832	0.0676	0.0878	0.0974	0.0530	0.0471	0.0839	0.1293
Ac-228	2.3221	2.0708	3.1088	2.3309	2.1620	1.9374	3.6704	2.2958
Ac-230	1.0425	0.8752	1.3126	1.1069	0.9668	0.8907	1.5553	0.9679
Ac-231	3.1962	3.0828	3.8454	3.0164	3.0364	2.5845	5.5158	3.7405
Ac-232	1.6287	1.3055	1.9247	1.7537	1.5045	1.3375	2.6020	1.3769
Ac-233	1.8912	1.7034	2.7160	2.1745	1.8725	1.7977	2.8496	1.9243
Ag-100m	2.9152	2.5162	3.8745	3.1569	2.8499	2.5236	4.9611	2.2288
Ag-101	2.5564	2.3813	3.3031	2.5163	2.4598	2.1961	4.0534	2.7251
Ag-102m	1.9449	1.5799	2.4100	2.2326	1.8948	1.6390	3.4362	1.7864
Ag-102	4.6494	4.0283	6.2826	5.1041	4.5768	4.1221	7.6952	3.9791
Ag-103	2.6223	2.4347	3.3356	2.4410	2.4939	2.2473	4.3921	2.2573
Ag-104	5.7709	5.1676	7.9386	6.0008	5.6328	5.0599	9.2942	4.9843
Ag-104m	2.4772	2.1864	3.2823	2.7047	2.4129	2.2517	3.7943	2.2265
Ag-105	3.1038	3.0013	3.5551	2.7560	2.8733	2.6271	4.5064	3.5244
Ag-105m	0.0347	0.0272	0.0390	0.0476	0.0224	0.0187	0.0394	0.0608
Ag-106	0.6666	0.6156	0.7811	0.6304	0.6142	0.6027	0.7595	0.6136
Ag-106m	7.2156	6.4990	9.8725	7.5094	7.0331	6.5318	10.9709	6.3522
Ag-108	0.0623	0.0589	0.0763	0.0591	0.0574	0.0561	0.0768	0.0469
Ag-108m	5.4198	5.1223	7.2019	5.4020	5.2038	4.8336	7.9987	4.5045
Ag-109m	0.4504	0.4133	0.3798	0.3759	0.3756	0.3607	0.3362	0.3462
Ag-110	0.0763	0.0718	0.1066	0.0802	0.0739	0.0689	0.1198	0.0541
Ag-110m	5.1230	4.5664	7.4174	5.4563	5.0524	4.5008	8.7032	3.9895
Ag-111	0.1441	0.1438	0.1779	0.1346	0.1377	0.1206	0.2683	0.2061
Ag-111m	0.2559	0.2331	0.2230	0.2189	0.2083	0.2018	0.2026	0.2230
Ag-112	1.1839	1.0415	1.6044	1.3063	1.1558	1.0734	1.8989	0.8799
Ag-113m	1.0461	1.0215	1.3119	1.0052	0.9913	0.8770	1.8874	1.3487
Ag-113	0.3153	0.3095	0.3978	0.3035	0.3032	0.2615	0.6041	0.4591
Ag-114	0.5396	0.4749	0.7526	0.6098	0.5357	0.5033	0.8598	0.4729
Ag-115	1.0844	0.9719	1.3876	1.1061	1.0546	0.9255	1.9091	1.0368
Ag-116	3.1202	2.6421	4.3184	3.5941	3.1176	2.7581	5.5209	3.0102
Ag-117	2.0966	1.7975	2.6400	2.2064	2.0456	1.7058	4.3583	2.0498
Ag-99	3.1106	2.8296	4.0501	3.1259	3.0321	2.5716	5.5493	3.4236
Al-26	1.5244	1.0160	1.4675	1.7878	1.4717	1.2118	2.8280	1.2146
Al-28	1.4779	0.9825	1.3986	1.7328	1.4284	1.1706	2.7352	1.1844
Al-29	1.5113	1.1702	2.1807	1.7664	1.5071	1.4839	2.2778	0.9863

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Am-237	3.2671	3.1057	3.7929	3.0511	3.0443	2.6502	4.8801	3.3389
Am-238	3.1699	2.8484	4.0213	3.1300	2.9780	2.6945	4.4469	2.5335
Am-239	3.5298	3.3074	3.8933	3.2661	3.2146	2.7933	4.8104	3.1230
Am-240	3.4233	3.0306	4.5123	3.3414	3.1440	2.9067	4.5573	2.7953
Am-241	0.9528	0.9278	0.9232	0.9280	0.9497	0.9203	0.9209	0.9107
Am-242	0.5167	0.4759	0.5260	0.4504	0.4264	0.3907	0.5628	0.4958
Am-242m	0.3419	0.3057	0.3352	0.3004	0.2467	0.2371	0.3140	0.4147
Am-243	1.1651	1.0167	1.0924	1.1084	1.1146	0.8357	1.2133	0.8496
Am-244	3.1675	2.9045	4.0341	2.9973	2.8547	2.4808	5.0032	3.0213
Am-244m	0.1985	0.1790	0.2077	0.1715	0.1544	0.1492	0.1970	0.2120
Am-245	0.4009	0.3819	0.4635	0.3637	0.3682	0.3187	0.6007	0.3942
Am-246	4.2912	3.9798	5.2809	4.0059	3.8218	3.4291	6.5825	3.8628
Am-246m	2.0166	1.7454	2.8930	2.0719	1.9067	1.7635	3.0189	1.7016
Am-247	1.4664	1.4052	1.7088	1.3469	1.3647	1.1829	2.3330	1.4710
Ar-37	0.0351	0.0258	0.0396	0.0525	0.0202	0.0162	0.0365	0.0660
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4786	1.1443	2.1261	1.7277	1.4748	1.4776	2.1277	0.9258
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8956	1.5404	2.6808	2.1154	1.8684	1.6648	3.2548	1.5608
Ar-44	2.7540	2.1838	3.3106	2.9649	2.6932	2.2778	5.4982	2.1149
As-68	3.6922	3.0535	5.2629	4.0786	3.6155	3.2909	6.0835	2.8445
As-69	0.5699	0.5071	0.7298	0.5966	0.5358	0.4485	1.0199	0.6022
As-70	4.8795	4.0162	6.9747	5.3989	4.7556	4.4311	7.7195	3.7710
As-71	2.0903	1.8260	2.9231	2.2971	1.8823	1.5716	4.3830	2.2248
As-72	1.6405	1.4648	2.3964	1.7486	1.6099	1.3017	3.1333	1.5339
As-73	1.3639	1.0164	1.4961	1.9375	0.8327	0.6718	1.4066	2.4046
As-74	1.4909	1.3473	2.0558	1.7140	1.3724	1.3088	2.1358	1.3649
As-76	1.0845	0.9784	1.5581	1.2153	1.0767	1.0363	1.6556	0.9290
As-77	0.0523	0.0501	0.0684	0.0507	0.0510	0.0437	0.0908	0.0622
As-78	2.2174	1.9396	3.0862	2.4416	2.1791	2.0151	3.6090	1.6977
As-79	0.1073	0.1019	0.1498	0.1069	0.1048	0.0959	0.1768	0.1089
At-204	7.2780	6.7112	9.8851	7.7417	7.0929	6.3971	11.1319	6.6159
At-205	3.3131	2.9406	4.1089	3.5159	3.1606	2.6283	4.9225	2.8232
At-206	7.3055	6.7038	9.8134	7.6109	7.0990	6.3079	11.2509	6.5355
At-207	5.2469	4.6262	6.6507	5.5829	5.0493	4.2373	8.1730	4.6462
At-208	8.0325	7.1947	10.8142	8.4767	7.7474	6.6943	13.1121	6.4035
At-209	7.5609	6.8310	9.9597	7.9924	7.3627	6.1153	12.2311	6.7538
At-210	6.1561	5.1916	7.6779	6.5697	5.8783	5.1560	8.9944	5.5668
At-211	0.7199	0.6235	0.7272	0.7640	0.6521	0.4886	0.7883	0.6101
At-215	0.0008	0.0008	0.0011	0.0008	0.0008	0.0007	0.0012	0.0008

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-216	0.0380	0.0338	0.0400	0.0390	0.0354	0.0272	0.0477	0.0333
At-217	0.0018	0.0017	0.0021	0.0017	0.0017	0.0014	0.0027	0.0021
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	2.5749	2.5081	3.2598	2.4343	2.4710	2.1275	4.3891	3.1789
Au-186	3.8059	3.4393	4.7651	3.8192	3.6616	3.1277	6.2948	3.5122
Au-187	3.0783	2.5866	3.4882	3.2402	2.8732	2.4093	4.1239	2.8732
Au-190	4.6454	4.0860	5.3930	4.8300	4.4500	3.6043	8.1019	5.5899
Au-191	3.9361	3.5402	4.5874	3.9547	3.7054	3.1115	5.4757	4.0139
Au-192	4.2930	3.7262	4.8575	4.4492	4.0969	3.3649	7.2081	5.0264
Au-193	2.3602	2.0496	2.4453	2.3299	2.1978	1.7279	2.9009	2.2835
Au-193m	1.8972	1.7634	2.2208	1.8802	1.7011	1.3844	2.8870	2.6435
Au-194	3.4504	3.0527	3.8757	3.4932	3.2700	2.7345	5.3122	3.9585
Au-195	1.9723	1.6498	1.8912	2.0475	1.7524	1.3489	1.9980	1.9750
Au-195m	1.9135	1.7787	2.2290	1.8974	1.7156	1.3968	2.9270	2.6840
Au-196	3.2939	3.0916	3.7386	3.1555	3.1019	2.6284	4.9397	3.9363
Au-196m	3.6802	3.1897	4.3571	3.8599	3.2741	2.6046	6.0149	3.7998
Au-198	1.7723	1.7332	2.3636	1.6614	1.7001	1.6146	2.5546	1.6397
Au-198m	5.6628	5.1517	6.6478	5.6733	5.3623	4.4685	8.7151	4.8585
Au-199	1.1400	1.0079	1.5510	1.1391	1.0885	0.8348	2.6259	1.0977
Au-200	0.6003	0.5444	0.8078	0.6130	0.5814	0.5506	0.9390	0.5779
Au-200m	8.2459	7.7556	11.2097	8.3944	8.0620	7.1066	14.4331	8.7012
Au-201	0.1939	0.1703	0.2476	0.2186	0.1737	0.1544	0.2790	0.2129
Au-202	0.4039	0.3610	0.5775	0.4270	0.3970	0.3793	0.6020	0.3519
Ba-124	2.0076	1.7186	2.1619	2.0235	1.9132	1.6743	3.1703	1.8255
Ba-126	2.6037	2.2907	2.9395	2.6201	2.4859	2.2148	3.9031	2.5606
Ba-127	1.0788	0.8972	1.0404	1.0931	1.0256	0.8877	1.6450	0.8748
Ba-128	1.1326	0.9426	0.8938	1.1259	1.0459	0.9040	1.5059	1.2012
Ba-129	1.2154	1.0128	1.1003	1.2322	1.1334	0.9987	1.7138	1.0713
Ba-129m	5.0813	4.4540	6.3829	5.2603	4.9006	4.4202	8.2412	4.3552
Ba-131	3.3525	2.9745	3.8385	3.4458	3.2352	2.9344	5.1223	3.0999
Ba-131m	1.3343	1.1618	1.2697	1.3527	1.2965	1.0869	1.8972	0.9858
Ba-133	3.5883	3.2231	3.5312	3.5237	3.3953	2.9040	5.2983	3.9240
Ba-133m	1.0342	0.8642	0.8969	1.0739	0.9332	0.7875	1.4619	1.2688
Ba-135m	0.8937	0.7488	0.7397	0.8923	0.8356	0.7057	1.2710	1.0179
Ba-137m	1.5206	1.4184	2.0913	1.6123	1.4785	1.3633	2.4167	1.0967
Ba-139	0.4276	0.3803	0.6116	0.4152	0.4273	0.3325	1.1590	0.3775
Ba-140	1.0500	0.9237	1.3174	1.1627	0.9725	0.8851	1.6421	1.1600
Ba-141	3.1637	2.9390	4.1312	3.1736	3.0817	2.7266	5.7930	3.3295
Ba-142	2.7390	2.4248	3.6838	2.8002	2.6705	2.4008	4.2845	2.5798

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.2037	0.1871	0.2921	0.2246	0.2043	0.1963	0.3092	0.2101
Bi-197	3.7804	3.2180	4.8445	4.0614	3.6053	3.0750	5.3926	3.2042
Bi-200	8.2984	7.5223	11.1764	8.5249	7.9977	7.2847	11.7300	7.7826
Bi-201	3.8263	3.2081	4.7716	4.1102	3.6600	3.0742	5.5771	3.2036
Bi-202	7.3596	6.5738	9.9900	7.6542	7.0857	6.3649	10.8169	6.2445
Bi-203	4.7574	3.9827	5.8168	5.1010	4.5769	3.7570	7.4841	4.0886
Bi-204	7.2653	6.3989	9.8108	7.5372	6.9832	6.1208	11.0214	6.4263
Bi-205	3.6293	3.0197	4.3396	3.9424	3.4392	2.8917	5.2902	3.0923
Bi-206	8.6423	7.6391	11.4557	9.1628	8.4390	7.1315	14.0997	7.9570
Bi-207	4.3634	3.7686	5.8464	4.7774	4.1886	3.8260	5.8453	3.5930
Bi-208	2.3068	1.8114	2.7556	2.7195	2.1916	1.4324	4.8713	2.6872
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.6956	1.6558	2.0462	1.6048	1.6193	1.3402	3.0362	2.4553
Bi-211	0.2689	0.2627	0.3243	0.2558	0.2548	0.2221	0.4587	0.3494
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2921	0.2503	0.3647	0.3260	0.2538	0.2128	0.4487	0.3245
Bi-213	0.5800	0.5460	0.7762	0.5896	0.5637	0.5241	0.8401	0.5587
Bi-214	2.1196	1.7632	2.8289	2.3640	2.0741	1.9010	3.4346	1.6215
Bi-215	1.2151	1.1455	1.4804	1.2121	1.1615	0.9698	2.0567	1.5380
Bi-216	2.7372	2.5439	3.8439	2.9448	2.7003	2.5829	4.0756	2.5465
Bk-245	3.0750	2.9236	3.5497	2.7993	2.8501	2.4796	4.5865	2.6722
Bk-246	3.3160	3.0476	4.1895	3.1646	3.0644	2.6325	5.1838	2.9126
Bk-247	1.6158	1.5233	1.8061	1.5373	1.5650	1.2619	2.3507	1.5109
Bk-248m	0.6864	0.6378	0.7748	0.6344	0.6105	0.5559	0.9023	0.5849
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	1.7241	1.4402	2.6339	1.7966	1.6141	1.6030	2.2448	1.3332
Bk-251	1.5447	1.4411	1.8226	1.4121	1.3823	1.2236	2.4512	1.2561
Br-72	3.0881	2.6369	4.4249	3.3351	3.0434	2.6771	5.3099	2.6611
Br-73	1.7449	1.5887	2.1694	1.6796	1.7000	1.4586	2.6367	1.6095
Br-74	3.3856	2.8023	4.3116	4.0160	3.2817	2.7324	6.5120	3.0526
Br-74m	4.2643	3.6810	5.7175	4.8040	4.1486	3.6612	7.4486	3.4189
Br-75	2.3872	2.3163	3.0279	2.3202	2.2539	1.9336	4.4283	3.3931
Br-76	3.3335	2.8003	4.4277	3.8558	3.2015	2.8699	5.5767	3.1354
Br-76m	1.2966	1.0784	1.1396	1.2211	1.0189	0.8412	1.2682	1.4061
Br-77	1.9144	1.7279	2.4489	2.0726	1.6770	1.4959	2.8625	2.4371
Br-77m	0.5691	0.4979	0.6052	0.5813	0.4293	0.3782	0.6448	0.6636
Br-78	0.2716	0.2478	0.3698	0.3014	0.2490	0.2387	0.3861	0.2334
Br-80	0.1707	0.1552	0.2303	0.1895	0.1537	0.1459	0.2417	0.1522
Br-80m	1.1439	0.9435	0.9917	1.1538	0.8498	0.7180	1.1493	1.3891

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-82m	0.4139	0.3470	0.4294	0.4340	0.2598	0.2387	0.4048	0.6078
Br-82	5.4080	4.8534	7.8132	5.8407	5.3778	4.8140	9.2123	4.4941
Br-83	0.0250	0.0226	0.0362	0.0285	0.0250	0.0241	0.0381	0.0247
Br-84m	4.9167	4.2671	6.7052	5.1695	4.8311	4.3771	7.9765	4.2040
Br-84	1.7156	1.3787	2.3030	1.9597	1.6936	1.3726	3.3869	1.5591
Br-85	0.1152	0.1014	0.1705	0.1206	0.1149	0.0963	0.2148	0.1002
C-10	1.6032	1.5044	2.3170	1.6703	1.5924	1.3493	2.9513	1.3037
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0627	0.0460	0.0708	0.0938	0.0361	0.0290	0.0652	0.1178
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3462	1.0743	1.9359	1.5523	1.3458	1.3154	2.0220	0.9332
Ca-49	1.4280	0.9812	1.4947	2.1360	1.4203	0.8589	3.9084	1.7896
Cd-101	3.1162	2.6226	3.6039	3.2517	3.0264	2.6836	4.5876	2.2934
Cd-102	3.0534	2.7855	3.8557	3.0617	2.9036	2.7853	4.0322	2.6910
Cd-103	2.6938	2.2316	3.0863	2.7785	2.5195	2.2643	3.9889	2.2079
Cd-104	2.2184	2.0343	2.2099	2.0334	2.0294	1.7937	2.2936	1.5760
Cd-105	1.8968	1.6107	2.1413	1.8980	1.7543	1.6111	2.6363	1.5851
Cd-107	1.3141	1.2136	1.0894	1.0600	1.0879	1.0678	0.9439	0.9967
Cd-109	1.2258	1.1305	1.0117	0.9892	1.0103	0.9930	0.8686	0.9362
Cd-111m	2.5566	2.4571	3.1453	2.3011	2.4221	2.0408	4.5613	2.9653
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0010	0.0010	0.0010	0.0009	0.0009	0.0008	0.0012	0.0011
Cd-115	0.7829	0.7119	1.0946	0.8703	0.7790	0.7443	1.1739	0.7932
Cd-115m	0.0536	0.0451	0.0826	0.0587	0.0531	0.0503	0.0834	0.0415
Cd-117	2.2210	1.9650	2.8567	2.2919	2.1598	1.9398	3.6913	2.3079
Cd-117m	2.5469	2.0420	3.4486	2.8451	2.4970	2.2563	4.3002	2.0479
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	2.6287	2.2559	3.2631	2.7650	2.5514	2.2013	4.8719	2.8623
Cd-119m	2.9656	2.4032	4.0221	3.2703	2.9028	2.6335	4.9138	2.3347
Ce-130	2.9976	2.6361	3.3115	2.9879	2.8822	2.4660	5.0338	2.7050
Ce-131	3.6490	3.2070	4.4823	3.7488	3.5037	3.1076	5.9695	3.2745
Ce-132	2.7976	2.4624	3.2240	2.7536	2.7045	2.2692	5.3475	2.4241
Ce-133	2.3579	1.9723	1.9623	2.4074	2.2918	1.8743	2.8912	1.8641
Ce-133m	5.1929	4.4557	6.1294	5.4624	5.0784	4.5114	7.9355	4.6725
Ce-134	0.8761	0.6810	0.5664	0.8963	0.8098	0.6664	1.0528	0.8176
Ce-135	3.8613	3.5064	4.5114	3.9162	3.7288	3.2391	6.2275	4.2114
Ce-137	1.0209	0.7944	0.7292	1.0909	0.9113	0.7547	1.2073	1.0457
Ce-137m	0.8736	0.7277	0.6961	0.8670	0.8120	0.6491	1.1389	0.9074
Ce-139	2.1703	1.8446	2.5043	2.1496	2.1071	1.6683	4.7332	1.9673

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-141	0.9203	0.8276	1.2368	0.8851	0.9104	0.7134	2.2867	0.7483
Ce-143	1.9620	1.7706	1.9707	1.8937	1.8711	1.5343	3.0284	2.2784
Ce-144	0.2826	0.2520	0.3205	0.2749	0.2739	0.2210	0.5334	0.2025
Ce-145	3.1289	2.7582	3.5153	3.1457	3.0286	2.5372	4.6700	2.7908
Cf-244	0.1235	0.1122	0.1190	0.1025	0.0909	0.0886	0.1101	0.1424
Cf-246	0.0850	0.0772	0.0819	0.0706	0.0627	0.0610	0.0758	0.0977
Cf-247	2.1340	1.9779	2.3453	1.9344	1.8308	1.6544	2.8170	1.9066
Cf-248	0.1021	0.0928	0.0985	0.0849	0.0755	0.0734	0.0914	0.1171
Cf-249	1.8660	1.8331	2.3068	1.6829	1.7231	1.5937	2.8130	2.0371
Cf-250	0.0947	0.0855	0.0975	0.0826	0.0740	0.0705	0.0993	0.1049
Cf-251	1.7929	1.6765	2.1035	1.6390	1.6329	1.4286	2.8127	1.5163
Cf-252	0.8633	0.7567	1.1200	0.9039	0.8292	0.7352	1.4577	0.8135
Cf-253	0.2858	0.2538	0.2698	0.2555	0.2116	0.2024	0.2551	0.3266
Cf-254	28.8993	25.2182	38.4083	30.8919	28.3912	24.9846	51.0365	26.6362
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6485	1.2946	2.1301	1.8608	1.6293	1.2803	3.9401	1.4367
Cl-36	0.0005	0.0004	0.0006	0.0007	0.0003	0.0002	0.0005	0.0009
Cl-38	1.0975	0.7479	1.1239	1.2894	1.0675	0.8289	2.2288	0.9716
Cl-39	2.2726	1.9073	2.9602	2.4243	2.2329	2.0293	3.6507	2.1665
Cl-40	2.8749	2.1268	3.4276	3.5390	2.8402	2.2434	5.8924	2.7068
Cm-238	1.3860	1.3022	1.5333	1.2690	1.2840	1.1190	1.9105	1.0133
Cm-239	3.1022	2.8990	3.8558	2.9020	2.9428	2.5476	5.4816	2.2283
Cm-240	0.1345	0.1217	0.1307	0.1112	0.0972	0.0945	0.1235	0.1589
Cm-241	3.9201	3.6266	4.8048	3.8503	3.6101	3.3152	5.4904	3.6430
Cm-242	0.1207	0.1092	0.1173	0.0998	0.0872	0.0848	0.1108	0.1426
Cm-243	1.8071	1.6907	2.0162	1.6906	1.6167	1.4076	2.5084	1.8108
Cm-244	0.1036	0.0937	0.1007	0.0856	0.0749	0.0728	0.0951	0.1225
Cm-245	1.8036	1.6776	2.0060	1.6617	1.6506	1.4290	2.5435	1.4159
Cm-246	0.0888	0.0802	0.0885	0.0749	0.0658	0.0634	0.0868	0.1034
Cm-247	1.4583	1.4444	1.9094	1.3256	1.3910	1.3090	2.1512	1.3898
Cm-248	2.3303	2.0364	3.0701	2.4719	2.2692	2.0022	4.0503	2.1682
Cm-249	0.1709	0.1391	0.2081	0.2254	0.1241	0.1088	0.2103	0.2492
Cm-250	22.8064	19.8904	30.2847	24.3812	22.4001	19.7115	40.2434	21.0185
Cm-251	0.5252	0.4861	0.6983	0.5409	0.5023	0.4716	0.7817	0.4834
Co-54m	4.7291	4.0107	6.5802	5.0464	4.6181	4.4723	6.8939	3.6389
Co-55	2.1788	1.8452	3.2432	2.3915	2.1316	1.9742	3.4225	1.8514
Co-56	4.0980	3.3269	5.7534	4.7026	3.9941	3.4112	7.4201	3.6409
Co-57	1.8767	1.7128	2.4560	1.9982	1.6602	1.4283	3.4605	1.6489
Co-58	1.8312	1.6545	2.6456	1.9689	1.7634	1.3510	3.6107	1.9152

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58m	0.2515	0.1846	0.2836	0.3761	0.1448	0.1165	0.2612	0.4718
Co-60	3.0184	2.3515	4.4236	3.4803	2.9931	2.9892	4.3151	1.9490
Co-60m	0.3024	0.2246	0.3344	0.4341	0.1858	0.1494	0.3132	0.5353
Co-61	1.1313	0.9735	1.0265	0.9828	1.1529	0.8728	1.1341	0.7879
Co-62	1.7704	1.3815	2.6252	2.0348	1.7473	1.6785	2.7596	1.2625
Co-62m	3.1527	2.4465	4.5963	3.6046	3.1039	3.0301	4.7254	2.1415
Cr-48	3.1967	3.1183	3.8785	3.1300	3.0979	2.6169	6.0957	3.8901
Cr-49	1.3421	1.2123	1.5823	1.2888	1.3805	1.0474	2.4228	0.9174
Cr-51	0.3153	0.2782	0.3691	0.3792	0.2473	0.2075	0.5114	0.5612
Cr-55	0.0006	0.0005	0.0007	0.0007	0.0006	0.0005	0.0011	0.0005
Cr-56	1.8579	1.6189	1.7126	1.9335	1.7542	1.3666	1.8913	1.2276
Cs-121	1.2280	1.1148	1.5891	1.2207	1.1976	1.0358	2.3315	1.1685
Cs-121m	2.2891	2.0894	2.9231	2.2778	2.2208	1.9752	4.0734	2.0244
Cs-123	1.7467	1.5491	1.9126	1.7899	1.6952	1.5009	2.4249	1.4585
Cs-124	0.6993	0.6496	0.8517	0.6926	0.6697	0.5984	1.1936	0.8151
Cs-125	1.6038	1.3984	1.8078	1.6860	1.5409	1.4161	2.2590	1.4298
Cs-126	1.1999	1.1213	1.4944	1.1598	1.1453	1.0622	1.7849	1.1492
Cs-127	2.5384	2.3084	2.8044	2.4661	2.3921	2.2110	3.5368	2.2852
Cs-128	0.8829	0.7853	1.0290	0.9052	0.8440	0.7920	1.2052	0.8195
Cs-129	2.3514	2.0848	2.2682	2.2811	2.1800	1.9815	3.1046	2.2771
Cs-130m	1.6869	1.3766	1.3815	1.7424	1.5816	1.2863	2.0895	1.4116
Cs-130	0.5847	0.4741	0.4616	0.5980	0.5345	0.4834	0.6790	0.5110
Cs-131	0.8563	0.6825	0.5651	0.8563	0.7669	0.6864	0.9188	0.7419
Cs-132	2.5076	2.2341	2.9118	2.6092	2.3819	2.1719	3.6081	1.9417
Cs-134	3.7105	3.4439	5.3555	3.9515	3.6951	3.2341	6.5487	3.1498
Cs-134m	0.6606	0.5453	0.6298	0.7158	0.5740	0.4970	0.9523	0.6565
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.1847	2.9316	4.7300	3.2583	3.2157	2.5060	6.4871	2.9306
Cs-136	4.7048	4.2050	6.8015	4.8408	4.6458	4.0631	8.4555	4.4427
Cs-137	2.1918	2.1940	2.1867	2.1585	2.1712	2.2001	2.2827	2.0453
Cs-138m	1.4631	1.2303	1.6058	1.5446	1.4003	1.2680	2.1884	1.2686
Cs-138	3.1465	2.5489	4.2313	3.5261	3.1004	2.8291	5.1697	2.6573
Cs-139	0.3098	0.2413	0.4070	0.3599	0.3058	0.2743	0.5359	0.2428
Cs-140	2.1490	1.7827	2.8606	2.4567	2.1105	1.8610	3.7922	1.8028
Cu-57	0.1589	0.1289	0.2473	0.1784	0.1564	0.1514	0.2395	0.1149
Cu-59	0.8150	0.7127	1.1431	0.8739	0.8022	0.7382	1.3525	0.7601
Cu-60	3.0496	2.3144	3.8661	3.5527	3.0004	2.6579	5.2734	2.4071
Cu-61	0.7353	0.6626	0.9411	0.8002	0.6642	0.5833	1.1316	0.8835
Cu-62	0.0167	0.0130	0.0223	0.0216	0.0134	0.0120	0.0225	0.0210
Cu-64	0.1573	0.1156	0.1792	0.2332	0.0935	0.0763	0.1667	0.2870

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-66	0.1514	0.1233	0.2476	0.1654	0.1473	0.1481	0.2068	0.1057
Cu-67	1.1399	1.0444	1.4796	1.1470	1.1158	0.9261	2.1949	0.8202
Cu-69	0.9433	0.8066	1.4488	1.0227	0.9298	0.8729	1.4781	0.7478
Dy-148	2.5604	2.2763	3.0058	2.6352	2.4304	2.1724	3.3748	1.8839
Dy-149	3.8318	3.2099	4.2782	3.9120	3.6951	3.0643	5.5503	3.0706
Dy-150	1.7242	1.6037	1.9245	1.5659	1.6146	1.4264	2.2184	1.5117
Dy-151	3.8565	3.3164	4.6936	3.9849	3.6785	3.2138	5.6876	3.3930
Dy-152	2.6403	2.4534	2.8404	2.4079	2.4978	1.9912	4.0162	3.2970
Dy-153	4.4595	3.8516	4.6846	4.3724	4.2402	3.4834	6.0317	3.9308
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	3.1607	2.7857	3.5784	3.0654	3.0126	2.5403	4.5746	2.8240
Dy-157	2.6654	2.4715	2.7592	2.5260	2.5030	2.0545	4.3934	3.4879
Dy-159	1.1553	0.9305	0.8534	1.0775	1.0512	0.7877	1.1483	0.9430
Dy-165m	0.3245	0.2634	0.3388	0.3807	0.2617	0.2127	0.3839	0.3982
Dy-165	0.2196	0.1912	0.2185	0.2107	0.2100	0.1709	0.2705	0.1787
Dy-166	0.9148	0.7487	0.7938	0.9034	0.8289	0.6357	0.9555	0.7895
Dy-167	2.5263	2.3680	3.1827	2.5210	2.4405	2.1344	4.1804	2.9507
Dy-168	2.2630	2.0414	2.8559	2.2943	2.1785	1.9524	3.5057	1.9113
Er-154	1.3968	1.1338	1.0991	1.3425	1.2142	0.9980	1.3235	1.2078
Er-156	1.7396	1.3848	1.4784	1.8124	1.4844	1.1750	1.8870	1.8089
Er-159	3.0437	2.6537	3.5944	3.0906	2.9000	2.5387	4.3875	2.4413
Er-161	3.1536	2.7294	3.8027	3.1480	3.0258	2.4812	4.8458	2.7434
Er-163	0.9479	0.7622	0.7507	0.8672	0.8616	0.6667	0.9512	0.7858
Er-165	0.9159	0.7358	0.7258	0.8411	0.8304	0.6422	0.9180	0.7653
Er-167m	0.9576	0.8644	1.1290	0.9371	0.8904	0.7805	1.4520	0.7593
Er-169	0.0073	0.0053	0.0082	0.0108	0.0042	0.0034	0.0076	0.0136
Er-171	2.7582	2.6215	3.1666	2.6212	2.6271	2.1969	4.9476	3.6133
Er-172	2.5433	2.3117	3.0380	2.4597	2.4164	2.1803	3.3854	2.1345
Er-173	3.9493	3.5618	5.1045	3.8616	3.8272	3.3031	6.6750	2.7593
Es-249	2.8958	2.7597	3.5518	2.6645	2.6845	2.4000	4.5787	2.5122
Es-250	8.0625	7.5334	9.5808	7.4332	7.2280	6.3572	12.2492	7.7287
Es-250m	2.4229	2.1977	3.0711	2.3158	2.2362	2.0406	3.6322	1.8487
Es-251	1.9380	1.8017	2.2109	1.7586	1.6923	1.5155	2.8323	1.6491
Es-253	0.0347	0.0311	0.0340	0.0306	0.0258	0.0247	0.0325	0.0403
Es-254	1.2044	1.0558	1.1806	1.1291	0.8665	0.8152	1.1211	1.5047
Es-254m	1.5883	1.4754	2.0346	1.5951	1.4593	1.3486	2.2853	1.3048
Es-255	0.0012	0.0010	0.0016	0.0013	0.0012	0.0010	0.0021	0.0011
Es-256	0.1809	0.1624	0.1650	0.1562	0.1371	0.1330	0.1538	0.1901
Eu-142	0.3854	0.3216	0.4623	0.4102	0.3780	0.2960	0.6920	0.3338
Eu-142m	5.6987	5.0272	8.3916	6.1869	5.5940	5.0970	9.1333	4.8848

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-143	0.6689	0.5229	0.6772	0.7124	0.6380	0.5225	0.9305	0.5176
Eu-144	0.3003	0.2260	0.2680	0.3236	0.2859	0.2187	0.4574	0.2521
Eu-145	2.8231	2.3545	3.2540	2.9437	2.7137	2.2214	4.2208	2.2980
Eu-146	5.2669	4.6753	6.7176	5.5300	5.1195	4.3840	8.4208	4.1406
Eu-147	2.6276	2.2860	2.7861	2.6104	2.4992	2.0385	3.7083	1.9046
Eu-148	6.5226	5.8449	8.5304	6.9971	6.3506	5.8305	9.5125	5.4156
Eu-149	1.2098	1.0074	0.9346	1.2111	1.0831	0.8032	1.3408	1.1859
Eu-150	6.0943	5.6577	7.5766	6.1750	5.8820	5.2342	9.6074	6.4923
Eu-150m	0.2397	0.2168	0.2466	0.2314	0.2254	0.1865	0.3414	0.2503
Eu-152	3.4513	3.0166	4.1712	3.5059	3.3208	2.8523	5.2917	3.0118
Eu-152m	0.9265	0.8023	1.1228	0.9370	0.8918	0.7347	1.4059	0.7585
Eu-152n	1.3809	1.1953	1.3266	1.4797	1.3061	0.9814	1.5539	1.0742
Eu-154	2.8957	2.5348	4.0150	3.0208	2.8310	2.5498	4.7219	2.1474
Eu-154m	1.5856	1.3238	1.3932	1.6419	1.4506	1.1190	1.6921	1.4322
Eu-155	1.0017	0.8836	0.9515	0.9990	0.9897	0.7543	1.1972	0.6419
Eu-156	1.8090	1.4732	2.3788	1.9907	1.7662	1.5609	2.8799	1.3776
Eu-157	2.1449	1.9003	2.2104	2.0498	2.0133	1.6842	2.6727	1.9948
Eu-158	2.4036	2.0091	3.3920	2.5895	2.3324	2.0773	3.6521	1.8959
Eu-159	2.1893	1.8611	2.0886	2.1185	2.0931	1.6267	2.6997	1.6700
F-17	0.0005	0.0005	0.0008	0.0006	0.0005	0.0005	0.0010	0.0005
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	1.6357	1.4736	2.4689	1.6238	1.6067	1.2591	4.4919	1.4844
Fe-53	0.7600	0.7523	0.9775	0.7018	0.7221	0.6668	1.2285	0.8436
Fe-53m	4.4934	3.7768	6.6361	4.9438	4.4219	4.1384	7.1276	3.2955
Fe-55	0.2083	0.1528	0.2351	0.3118	0.1198	0.0964	0.2165	0.3913
Fe-59	1.6019	1.2791	2.4475	1.8086	1.5810	1.5862	2.2878	1.0464
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1886	1.8302	3.1623	2.3741	2.1397	2.0337	3.4925	1.8861
Fe-62	1.9940	1.7937	2.9130	2.2996	2.0222	1.9474	3.0646	2.0969
Fm-251	1.8922	1.7564	2.2693	1.7974	1.6928	1.5036	2.9732	1.5920
Fm-252	0.0917	0.0831	0.0863	0.0767	0.0689	0.0670	0.0800	0.1000
Fm-253	1.5957	1.4692	1.7336	1.4401	1.3357	1.2192	2.0891	1.5148
Fm-254	0.1043	0.0942	0.1027	0.0900	0.0811	0.0778	0.1016	0.1118
Fm-255	0.9735	0.8684	0.9384	0.8580	0.7158	0.6834	0.8923	1.1364
Fm-256	21.5028	18.7907	28.6182	22.9671	21.1232	18.5942	38.0042	19.8367
Fm-257	2.0256	1.8884	2.3313	1.8376	1.7993	1.6017	3.0088	1.7964
Fr-212	3.4373	3.0125	4.3468	3.5894	3.2382	2.8647	4.9328	2.9516
Fr-219	0.0198	0.0188	0.0254	0.0199	0.0191	0.0168	0.0340	0.0228
Fr-220	0.2313	0.2005	0.2459	0.2398	0.1931	0.1548	0.2871	0.2408
Fr-221	0.2603	0.2451	0.3200	0.2504	0.2470	0.2126	0.4150	0.2291

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-222	1.5514	1.4390	1.8930	1.4850	1.4161	1.2716	2.3699	1.2415
Fr-223	1.0218	0.8836	0.9782	0.9161	0.8983	0.7427	1.1550	0.9208
Fr-224	1.7889	1.6167	2.3201	1.7836	1.7007	1.4888	3.0774	1.5117
Fr-227	2.7640	2.5270	3.2547	2.7710	2.6769	2.2928	3.7824	2.1949
Ga-64	2.2490	1.7580	3.0950	2.6219	2.2076	1.8763	4.1630	1.9619
Ga-65	1.6048	1.4457	2.0168	1.6482	1.5236	1.2664	2.7687	1.3037
Ga-66	1.6657	1.2763	2.2435	2.0661	1.5546	1.2634	3.1387	1.7687
Ga-67	1.8978	1.6684	2.2290	2.1664	1.6434	1.3459	2.8389	2.2444
Ga-68	0.1077	0.0831	0.1471	0.1391	0.0848	0.0789	0.1326	0.1348
Ga-70	0.0170	0.0142	0.0261	0.0189	0.0159	0.0149	0.0280	0.0146
Ga-72	3.5113	2.9995	4.9322	3.8006	3.4872	2.8350	6.8751	3.1228
Ga-73	2.5313	2.3280	3.0067	2.7459	2.1803	1.8248	4.3183	4.0983
Ga-74	3.9920	3.3487	5.3743	4.5321	3.9286	3.4573	7.0981	3.4332
Gd-142	1.6044	1.3900	1.8554	1.6432	1.5437	1.3079	2.5080	1.4602
Gd-143m	4.3399	3.8876	5.1209	4.3297	4.1761	3.4833	6.9984	4.5846
Gd-144	1.0417	0.8676	1.0322	1.0650	0.9833	0.7622	1.5438	0.9909
Gd-145m	1.7825	1.6367	2.3726	1.8780	1.6967	1.4240	3.0383	1.6598
Gd-145	2.4458	1.8222	2.4615	2.7103	2.3418	1.8549	4.0937	2.0861
Gd-146	4.0842	3.5584	4.1021	3.9061	3.9200	2.9985	6.5366	3.0139
Gd-147	5.1959	4.7350	6.3918	5.0901	4.9928	4.2925	7.9599	4.8653
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	3.5694	3.2226	4.0595	3.4576	3.4216	2.7152	6.4017	3.7268
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	1.3934	1.1602	1.1930	1.3811	1.2511	0.9334	1.7464	1.3223
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	2.1366	1.8155	1.6911	2.0592	2.0416	1.5255	2.3028	1.5172
Gd-159	0.4606	0.4128	0.4535	0.4242	0.4309	0.3557	0.6128	0.4635
Gd-162	1.9121	1.8325	2.5306	1.8766	1.8278	1.7222	2.7846	1.8975
Ge-66	2.8541	2.5608	3.3942	3.0229	2.5591	2.1988	4.2459	3.3133
Ge-67	1.8012	1.5963	2.6865	1.8131	1.7886	1.4253	4.6571	1.6032
Ge-68	0.5110	0.3755	0.5762	0.7625	0.2942	0.2369	0.5306	0.9579
Ge-69	1.5771	1.2889	2.2299	1.8940	1.3911	1.3013	2.2081	1.6602
Ge-71	0.5182	0.3808	0.5844	0.7734	0.2984	0.2403	0.5382	0.9715
Ge-75	0.2314	0.2290	0.2914	0.2125	0.2235	0.1875	0.4208	0.3252
Ge-77	3.9153	3.7070	5.2300	3.8537	3.8043	3.4028	6.6658	3.9826
Ge-78	1.7572	1.7558	2.1732	1.6209	1.6919	1.4079	3.3746	2.7620
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	1.8365	1.7048	1.9871	1.7300	1.7332	1.4308	3.1478	2.5099
Hf-169	2.9924	2.6293	3.6580	3.1035	2.9149	2.6155	4.0287	2.9622
Hf-170	3.4591	3.0137	3.9955	3.4411	3.2582	2.7315	5.1944	3.1241

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-172	2.5443	2.1130	2.3679	2.4875	2.2395	1.8176	2.7084	2.3882
Hf-173	3.9849	3.6483	4.6574	3.7317	3.8135	3.1683	6.9275	3.7820
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	2.7984	2.5635	2.9874	2.6036	2.6232	2.2084	4.1241	3.3380
Hf-177m	16.0793	15.1970	19.3357	15.3476	15.3162	13.0821	27.6124	18.6759
Hf-178m	12.4150	11.5801	15.7293	12.6381	11.9918	10.7035	19.2725	12.8253
Hf-179m	6.6591	6.1321	8.2130	6.4742	6.3303	5.4723	10.9640	6.8512
Hf-180m	6.2358	5.8374	7.5794	6.0897	5.9836	5.2807	9.7534	6.7937
Hf-181	3.1269	2.8567	4.1884	3.2575	3.0477	2.7432	5.2540	3.0725
Hf-182	1.7745	1.7194	2.1674	1.6370	1.7053	1.3945	3.2709	2.5009
Hf-182m	5.0821	4.6116	6.2248	5.0383	4.8689	4.1931	7.8917	5.1536
Hf-183	2.6743	2.4214	3.3723	2.6772	2.6617	2.1374	4.2961	2.3939
Hf-184	2.7792	2.4359	3.3280	2.9937	2.4087	1.9794	4.7260	3.3315
Hg-190	3.0706	2.6870	3.6397	3.1000	2.8590	2.2260	5.2454	2.8020
Hg-191m	6.0468	5.4572	7.3469	6.1579	5.7282	4.8882	8.8396	6.4594
Hg-192	3.2821	2.9344	3.5771	3.2827	3.0217	2.3803	4.6763	3.7859
Hg-193	3.3756	2.9100	3.9132	3.4859	3.1439	2.5885	4.6351	3.1810
Hg-193m	3.5026	3.0792	4.2720	3.6295	3.3295	2.9015	4.7686	3.1914
Hg-194	0.2835	0.2174	0.3114	0.3840	0.1674	0.1413	0.2883	0.4965
Hg-195	1.9785	1.6735	2.0631	2.0719	1.7663	1.3822	2.2543	1.9844
Hg-195m	2.2966	1.9942	2.5463	2.4854	1.9444	1.5865	2.9055	2.9336
Hg-197	1.7425	1.4555	1.6974	1.8563	1.5380	1.1587	1.7834	1.7297
Hg-197m	1.6480	1.4372	1.9139	1.7525	1.4364	1.1508	2.5096	1.7330
Hg-199m	2.2552	1.9762	2.7874	2.2864	2.1011	1.6131	4.2351	2.2806
Hg-203	1.6586	1.6235	1.9894	1.5588	1.5848	1.3020	2.9943	2.4597
Hg-205	0.0474	0.0438	0.0583	0.0467	0.0453	0.0398	0.0738	0.0321
Hg-206	0.7624	0.7368	0.8916	0.7452	0.7241	0.6013	1.3835	1.1085
Hg-207	4.3532	3.6405	5.4552	4.6205	4.1825	3.7099	7.1208	4.2577
Ho-150	2.4082	2.2058	3.4238	2.4850	2.3973	1.9666	4.4324	2.1035
Ho-153	2.7567	2.5325	3.2045	2.6729	2.6407	2.2238	4.4909	3.2121
Ho-153m	3.1234	2.8354	3.7393	3.0371	3.0064	2.5438	4.9952	2.9493
Ho-154m	7.6861	7.2132	10.0901	7.7285	7.4669	6.8105	12.3073	8.3000
Ho-154	3.7643	3.4714	4.7581	3.7816	3.6273	3.2240	6.3624	4.2679
Ho-155	2.4977	2.1821	2.6842	2.4311	2.3442	1.9287	3.6420	2.3781
Ho-156	4.8135	4.2868	6.0187	4.7740	4.6470	3.9115	8.4814	4.7629
Ho-157	3.7613	3.3116	3.9681	3.5897	3.5490	2.9016	5.4538	3.7160
Ho-159	3.9433	3.4936	4.1959	3.7077	3.7428	3.0157	6.1218	3.4603
Ho-160	4.9114	4.2940	6.3478	5.0295	4.7341	4.0713	7.3479	3.9233
Ho-161	1.5759	1.2942	1.2558	1.5172	1.3847	1.1154	1.5256	1.3164
Ho-162	1.3165	1.0626	1.1067	1.2774	1.2004	0.9278	1.3828	1.0917

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162m	2.7238	2.2931	3.0341	2.7610	2.5190	2.1107	3.8139	2.4654
Ho-163	0.0084	0.0061	0.0094	0.0125	0.0048	0.0039	0.0087	0.0157
Ho-164	0.7223	0.5837	0.5746	0.6867	0.6536	0.4977	0.7297	0.6104
Ho-164m	1.3786	1.0894	1.1672	1.4296	1.1647	0.9038	1.3960	1.4384
Ho-166	0.2893	0.2335	0.2774	0.3143	0.2549	0.1956	0.3155	0.2765
Ho-166m	5.6479	5.2131	7.6246	5.6950	5.5160	4.6126	10.4057	5.2328
Ho-167	2.1810	2.1063	2.5895	2.0668	2.0693	1.7974	3.7809	2.8492
Ho-168	2.1667	1.9590	2.9766	2.2470	2.1271	1.7104	3.9492	1.9149
Ho-168m	0.2730	0.2109	0.2569	0.3204	0.2076	0.1627	0.2781	0.3539
Ho-170	4.8609	4.2875	6.6518	4.9322	4.7062	4.0742	7.9203	4.4267
I-118m	6.9410	6.2793	9.8521	7.5206	6.7848	6.4665	10.6836	5.4005
I-118	2.4089	2.1551	3.3334	2.6433	2.3558	2.2428	3.6688	1.8864
I-119	2.3866	2.2652	2.7425	2.2283	2.2572	1.9336	3.7931	2.9891
I-120	2.9635	2.4881	3.7603	3.3604	2.8927	2.5974	4.8691	2.5963
I-120m	6.1734	5.4870	8.5080	6.8365	6.0413	5.7596	9.3380	4.9221
I-121	2.5351	2.3025	2.7957	2.4612	2.3691	2.1676	3.6289	2.0048
I-122	0.6079	0.5361	0.7182	0.6480	0.5775	0.5413	0.8289	0.5119
I-123	2.3783	2.0712	2.8532	2.2989	2.2576	1.8526	5.1428	2.0843
I-124	2.3033	1.9960	2.6530	2.4506	2.1738	2.0198	3.1987	1.7832
I-125	1.7547	1.4531	1.2010	1.7009	1.5157	1.4039	1.5902	1.3629
I-126	1.7590	1.6355	2.0897	1.7260	1.6520	1.5307	2.4737	1.4947
I-128	0.3285	0.3030	0.4145	0.3343	0.3154	0.3007	0.4525	0.3077
I-129	0.8993	0.7186	0.5846	0.8918	0.8109	0.7104	0.9570	0.7622
I-130m	0.5664	0.4868	0.6486	0.6254	0.5282	0.4962	0.7418	0.5457
I-130	5.7284	5.3132	8.2109	6.1332	5.6748	5.2042	9.3872	4.9195
I-131	1.9435	1.9182	1.9050	1.9405	1.9320	1.9067	1.9453	1.8377
I-132	4.8275	4.4175	6.9456	5.1294	4.7809	4.2201	8.3939	3.9543
I-132m	1.4064	1.2643	1.7023	1.4571	1.3156	1.1683	2.1602	1.2011
I-133	1.9656	1.7744	2.8561	2.2220	1.9739	1.8870	3.0429	1.8992
I-134m	2.5296	2.3262	2.5762	2.3824	2.3640	2.0198	3.8513	3.0871
I-134	4.9195	4.3547	7.2669	5.1887	4.8792	4.2710	8.6422	4.1410
I-135	2.0883	1.6731	2.8788	2.3385	2.0556	1.9357	3.2723	1.6074
In-103	3.3809	2.9530	4.5758	3.5610	3.3082	2.8870	6.1958	2.6655
In-105	3.0368	2.7463	4.0086	3.0717	2.9361	2.5978	5.3762	2.5166
In-106	5.8872	5.2563	8.6374	6.2708	5.7511	5.3653	9.1860	4.5782
In-106m	2.6264	2.2469	3.3590	2.9222	2.5361	2.2718	4.3963	1.9887
In-107	2.9165	2.5772	3.5121	2.9514	2.7604	2.5118	4.5131	2.4426
In-108	7.6239	6.7590	10.4991	7.9216	7.3563	6.7607	11.8506	6.3517
In-108m	2.8037	2.3621	3.3401	3.1162	2.6621	2.3612	4.5741	2.2139
In-109	2.9293	2.6846	3.4237	2.8039	2.7203	2.5436	4.0148	2.0511

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109m	1.5509	1.4593	2.1554	1.6438	1.4977	1.4137	2.3727	1.0634
In-110	7.1181	6.4152	10.0187	7.3648	6.8614	6.2878	10.9337	5.4833
In-110m	2.1233	1.9442	2.7541	2.2135	2.0185	1.8589	3.2055	1.5530
In-111	4.0310	3.8002	4.9791	3.6582	3.8060	3.2344	7.4524	4.0985
In-111m	1.7645	1.6009	2.4795	1.9783	1.7509	1.6901	2.5983	1.6768
In-112	0.4013	0.3651	0.3785	0.3638	0.3446	0.3377	0.3599	0.2903
In-112m	0.8935	0.7937	0.8393	0.8120	0.7718	0.7050	1.1197	0.6722
In-113m	1.4411	1.4036	1.7198	1.2942	1.3311	1.2667	1.9038	1.3102
In-114	0.0077	0.0067	0.0082	0.0075	0.0069	0.0068	0.0079	0.0056
In-114m	0.8079	0.7301	0.8410	0.7660	0.7186	0.6701	1.0087	0.5765
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	1.2145	1.1690	1.2937	1.1284	1.1039	1.0015	1.8554	1.5144
In-116m	3.3747	2.7527	4.7937	3.7343	3.3228	3.1799	5.1943	2.4850
In-117	3.3164	3.0078	4.9064	3.4875	3.3154	2.8901	7.2082	3.0690
In-117m	0.8314	0.7791	0.9817	0.7835	0.7761	0.6577	1.6748	0.9892
In-118m	4.2607	3.5682	6.4430	4.7173	4.1952	4.0986	6.3091	2.9702
In-118	0.1045	0.0841	0.1557	0.1202	0.1041	0.1038	0.1521	0.0716
In-119	1.8336	1.7054	2.5320	1.8634	1.7975	1.4425	3.4275	1.6365
In-119m	0.2240	0.1957	0.2542	0.2251	0.1989	0.1907	0.2679	0.2058
In-121	1.7644	1.5465	2.7338	1.8422	1.7346	1.5672	2.9070	1.4942
In-121m	0.7542	0.6477	0.6041	0.6705	0.6779	0.6089	0.6295	0.5167
Ir-180	4.1873	3.8451	5.3803	4.1789	4.0052	3.4141	6.9157	4.2847
Ir-182	3.9460	3.5935	4.9271	3.9007	3.7543	3.1876	6.3724	4.0815
Ir-183	4.0452	3.4668	4.4719	4.0938	3.7995	3.1412	5.5178	3.9900
Ir-184	6.1192	5.4580	7.5860	6.1516	5.8404	5.0269	9.2616	6.1785
Ir-185	3.6571	3.0409	3.8238	3.8056	3.3223	2.6847	4.7246	3.8173
Ir-186	5.8938	5.3026	7.2395	5.9238	5.6343	4.7826	9.6218	6.1831
Ir-186m	3.3309	2.9036	4.1449	3.4118	3.1911	2.6496	5.3486	3.0563
Ir-187	2.5093	2.1359	2.7030	2.5353	2.2987	1.8886	2.9064	2.4910
Ir-188	4.1520	3.3975	4.8551	4.3862	3.9775	3.2713	6.8674	3.7664
Ir-189	1.6764	1.3996	1.6081	1.6923	1.4839	1.1600	1.7383	1.8228
Ir-190	6.8911	6.3206	8.8917	7.0283	6.6467	5.9851	10.4457	6.4019
Ir-190m	0.2845	0.2109	0.3193	0.4170	0.1646	0.1338	0.2942	0.5266
Ir-190n	1.3330	1.1081	1.2374	1.3066	1.2066	0.9388	1.3518	1.3220
Ir-191m	1.6206	1.3766	1.7442	1.7049	1.4070	1.1257	2.0964	1.6783
Ir-192	4.0926	3.9662	5.1638	4.0952	3.9537	3.4912	7.5293	5.7668
Ir-192m	0.3166	0.2397	0.3506	0.4423	0.1855	0.1543	0.3239	0.5666
Ir-192n	0.6656	0.5052	0.7356	0.9232	0.3940	0.3273	0.6827	1.1799
Ir-193m	0.2865	0.2134	0.3196	0.4145	0.1684	0.1369	0.2954	0.5221
Ir-194	0.3601	0.3496	0.4500	0.3532	0.3452	0.3024	0.6806	0.5133

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194m	8.9177	8.4545	11.9925	9.2712	8.6880	7.9976	14.7885	9.8233
Ir-195	1.2831	1.0822	1.2507	1.3291	1.1472	0.8922	1.3537	1.2586
Ir-195m	2.4456	2.2481	2.9022	2.4440	2.2959	1.9529	3.6593	2.6568
Ir-196	0.7470	0.7137	0.9844	0.7345	0.7264	0.6321	1.3355	0.8602
Ir-196m	9.5962	9.0948	12.8964	9.7945	9.2888	8.6475	14.7796	9.5301
K-38	1.4988	1.0293	1.6165	1.7679	1.4577	1.0827	3.3208	1.4034
K-40	0.1599	0.1152	0.1858	0.1882	0.1558	0.1403	0.2553	0.1228
K-42	0.2697	0.1905	0.2859	0.3136	0.2642	0.2279	0.4560	0.2161
K-43	3.3445	3.2392	4.5129	3.3207	3.2183	3.0429	5.2363	3.1227
K-44	2.3091	1.7907	3.1745	2.6718	2.2699	2.0170	4.0648	1.8749
K-45	2.6742	2.1567	3.4776	2.8797	2.6449	2.1736	5.8862	2.2009
K-46	2.2320	1.6542	2.8275	2.7435	2.2081	1.9627	3.9530	1.7716
Kr-74	2.2597	2.0999	2.7159	2.2199	2.1399	1.8011	3.6867	2.1400
Kr-75	1.9253	1.7819	2.7442	1.8691	1.8667	1.5477	4.5233	1.5269
Kr-76	2.9552	2.7852	3.4979	2.8645	2.6458	2.3051	4.7807	3.9593
Kr-77	2.0110	1.9071	2.8899	1.9187	1.9500	1.6399	4.8081	1.5483
Kr-79	1.2322	1.1342	1.4902	1.2233	1.0260	0.9273	1.7348	1.5500
Kr-81	0.4968	0.4172	0.5147	0.5198	0.3103	0.2861	0.4840	0.7351
Kr-81m	1.2030	1.1175	1.6051	1.1417	1.1323	1.0087	2.3229	0.8400
Kr-83m	0.2232	0.1838	0.2335	0.2478	0.1377	0.1250	0.2184	0.3419
Kr-85	0.0086	0.0077	0.0125	0.0098	0.0087	0.0083	0.0131	0.0088
Kr-85m	1.4335	1.3341	2.1373	1.3588	1.4218	1.1115	4.0225	1.4701
Kr-87	1.3722	1.2631	1.8244	1.3629	1.3295	1.1632	2.3655	1.2968
Kr-88	2.1444	1.7286	2.7001	2.3292	2.0893	1.6771	4.3729	1.9013
Kr-89	2.7769	2.3684	3.6748	3.0612	2.7287	2.3912	4.9103	2.5076
La-128	5.4481	4.9361	7.3547	5.7135	5.3288	4.8863	8.9241	5.7994
La-129	2.1423	1.9539	2.4284	2.1201	2.0752	1.8036	3.5085	2.3403
La-130	3.9242	3.5565	5.1664	4.0802	3.8180	3.4934	6.4456	4.0618
La-131	2.7585	2.4807	3.0019	2.7431	2.6650	2.3531	4.2086	2.7243
La-132	3.6415	3.1383	4.6536	3.9823	3.5729	3.2828	5.6693	3.4016
La-132m	2.9216	2.6202	3.7290	2.9983	2.8347	2.5175	5.0767	2.6214
La-133	1.1168	0.8965	0.9046	1.1819	1.0133	0.8706	1.4718	1.1964
La-134	0.4411	0.3520	0.3669	0.4639	0.4154	0.3652	0.5821	0.3964
La-135	0.8979	0.6948	0.5989	0.9263	0.8357	0.7165	1.1154	0.8556
La-136	0.6096	0.4743	0.4278	0.6279	0.5696	0.4833	0.7869	0.5759
La-137	0.8338	0.6399	0.5299	0.8593	0.7726	0.6590	1.0240	0.7952
La-138	1.9601	1.5575	2.2553	2.1504	1.9196	1.6421	3.2463	1.6491
La-140	3.5008	2.8884	4.3144	3.8600	3.4564	2.9725	6.1933	3.4456
La-141	0.0284	0.0213	0.0370	0.0331	0.0281	0.0265	0.0443	0.0197
La-142	2.3682	1.9216	3.0842	2.7201	2.3196	1.9337	4.5398	2.0518

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-143	0.3445	0.2849	0.4661	0.3845	0.3383	0.3036	0.5855	0.2724
Lu-165	3.6875	3.1985	4.1483	3.5882	3.5132	2.9652	5.4954	3.1571
Lu-167	4.2675	3.5512	4.7160	4.3605	4.0273	3.4476	6.2446	3.8673
Lu-169m	0.2099	0.1541	0.2368	0.3137	0.1208	0.0972	0.2181	0.3939
Lu-169	3.7806	3.1271	4.4212	3.8166	3.5942	3.1054	5.2509	3.0669
Lu-170	3.7855	2.9603	4.4133	4.1240	3.6149	3.0584	5.7154	3.2313
Lu-171m	0.2263	0.1668	0.2536	0.3344	0.1328	0.1066	0.2348	0.4175
Lu-171	3.4559	2.9649	3.7857	3.4374	3.1632	2.5713	4.5281	3.2327
Lu-172	5.3905	4.5787	6.9698	5.5613	5.1484	4.5103	7.8778	4.5861
Lu-172m	0.1888	0.1386	0.2129	0.2822	0.1087	0.0874	0.1961	0.3543
Lu-173	2.7220	2.3082	2.5645	2.5100	2.5375	2.0148	3.2190	2.5654
Lu-174	1.3205	1.0639	1.2053	1.2801	1.1881	0.9510	1.3482	1.2061
Lu-174m	1.5807	1.2634	1.4473	1.6512	1.3348	1.0483	1.5892	1.7414
Lu-176	3.6930	3.4850	4.3839	3.6272	3.4830	2.9917	6.3913	4.3172
Lu-176m	0.3488	0.2871	0.3430	0.3876	0.3007	0.2322	0.3679	0.3681
Lu-177	0.3716	0.3402	0.4400	0.3622	0.3531	0.3042	0.5740	0.2874
Lu-177m	8.0509	7.4894	9.7042	7.6087	7.6950	6.5830	13.3354	7.8966
Lu-178	0.3585	0.2913	0.4028	0.3961	0.3318	0.2843	0.4474	0.3130
Lu-178m	7.0204	6.6238	8.3842	6.8433	6.7526	5.8475	10.9585	7.3821
Lu-179	0.2243	0.2128	0.2863	0.2124	0.2167	0.1920	0.3820	0.1830
Lu-180	3.5311	3.0844	4.6802	3.6732	3.3973	3.1621	5.1807	3.0465
Lu-181	2.7300	2.4520	3.3784	2.8317	2.5509	2.1977	4.1665	2.6612
Mg-27	1.6204	1.4291	2.5225	1.6934	1.6138	1.3875	2.9142	1.3651
Mg-28	2.8654	2.3980	3.4822	2.9722	2.7732	2.6039	4.0707	2.2388
Mn-50m	5.2007	4.3504	7.4951	5.7087	5.1653	4.6395	8.8234	4.0046
Mn-51	0.0132	0.0108	0.0174	0.0164	0.0111	0.0094	0.0200	0.0159
Mn-52	4.7966	4.0171	6.7970	5.2663	4.7032	4.1664	8.0950	3.9102
Mn-52m	1.4764	1.0839	1.7842	1.7180	1.4550	1.3366	2.3386	1.0768
Mn-53	0.1696	0.1245	0.1914	0.2539	0.0976	0.0785	0.1763	0.3186
Mn-54	1.7799	1.5946	2.6241	1.9079	1.7210	1.3656	3.3971	1.7815
Mn-56	2.2451	1.8808	3.0715	2.4117	2.2326	1.7932	4.4123	1.9769
Mn-57	0.7018	0.6193	0.8755	0.7726	0.5800	0.5068	1.0983	0.7847
Mn-58m	3.5988	3.0745	5.0759	3.9180	3.6021	3.1079	6.4847	3.0629
Mo-101	2.8385	2.4287	3.8837	3.0962	2.7637	2.5428	4.5885	2.3157
Mo-102	0.1575	0.1494	0.2174	0.1475	0.1545	0.1313	0.3411	0.1323
Mo-89	0.3480	0.2987	0.4913	0.3716	0.3399	0.3073	0.5791	0.2726
Mo-90	3.7873	3.6533	4.7183	3.2925	3.5567	3.1413	6.4739	3.9218
Mo-91m	1.4893	1.2735	2.0017	1.6250	1.4483	1.3612	2.2980	1.0544
Mo-91	0.0499	0.0445	0.0479	0.0372	0.0415	0.0387	0.0629	0.0477
Mo-93	0.5593	0.5396	0.5203	0.3168	0.4346	0.4392	0.5411	0.5371

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93m	4.2840	3.7650	5.4104	4.4310	4.1540	3.6635	7.1561	4.0059
Mo-99	0.4977	0.4672	0.6950	0.4821	0.4898	0.4045	1.0146	0.4174
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	1.0598	0.7939	1.1546	1.5321	1.0648	0.9139	2.3088	0.9514
Na-22	1.4931	1.1645	2.1933	1.7447	1.4913	1.5107	2.1194	0.9163
Na-24	2.9077	2.1522	3.7056	3.6095	2.8979	2.2614	6.1787	2.8050
Nb-87	2.2924	2.1751	2.9381	2.0559	2.1555	1.9827	4.0165	1.4555
Nb-88m	5.9636	5.2033	8.6712	6.3080	5.8148	5.5386	9.0259	4.8520
Nb-88	7.3497	6.4639	10.6780	7.6965	7.1392	6.8313	10.6773	6.1920
Nb-89	0.6232	0.4944	0.7227	0.6672	0.5845	0.4930	1.1071	0.5865
Nb-89m	1.8608	1.6824	2.6596	2.0666	1.8570	1.7741	2.8516	1.9158
Nb-90	4.6430	3.8007	6.3218	4.8773	4.4914	3.8285	9.2706	3.9163
Nb-91	0.5410	0.5176	0.5051	0.3063	0.4096	0.4127	0.5467	0.5346
Nb-91m	0.5124	0.4882	0.4971	0.3137	0.4059	0.4086	0.5133	0.4812
Nb-92	3.9587	3.5496	5.6985	4.0517	3.7966	3.6133	5.8756	3.4195
Nb-92m	2.1865	1.9222	3.1315	2.0502	2.0279	1.9018	3.1882	1.8312
Nb-93m	0.1116	0.1049	0.1061	0.0741	0.0843	0.0838	0.1088	0.1179
Nb-94m	0.3916	0.3761	0.3699	0.2302	0.3053	0.3064	0.3864	0.3792
Nb-94	3.1810	2.9139	4.7412	3.3167	3.1616	2.6962	5.7863	2.6249
Nb-95	1.6047	1.5056	2.3446	1.6423	1.6191	1.2623	3.2833	1.4518
Nb-95m	0.8284	0.8054	0.9298	0.6286	0.7306	0.6700	1.1593	0.8800
Nb-96	5.2911	4.7764	7.7820	5.6297	5.2745	4.6861	9.1331	4.6344
Nb-97	1.6018	1.5066	2.2739	1.7035	1.5598	1.4540	2.5505	1.1230
Nb-98m	4.9608	4.4235	6.9725	5.2277	4.9422	4.1178	9.3782	4.3351
Nb-99	2.2480	2.1368	2.8945	2.0058	2.2023	1.8558	4.4953	1.5325
Nb-99m	1.0725	0.9239	1.3631	1.1438	1.0509	0.8792	1.9611	1.0377
Nd-134	2.8121	2.4923	3.3305	2.7555	2.7352	2.2029	5.5665	2.6705
Nd-135	3.4699	3.1007	3.9813	3.5065	3.3308	2.9038	5.2117	3.0333
Nd-136	2.4314	2.0671	2.2238	2.4466	2.3158	1.8658	3.2766	1.9685
Nd-137	3.0797	2.6406	3.3273	3.1896	2.9750	2.4764	4.5295	2.8261
Nd-138	0.9892	0.7992	0.6771	0.9856	0.9144	0.7108	1.1542	0.8999
Nd-139	1.0690	0.8905	0.9781	1.0800	1.0059	0.8398	1.3354	0.9075
Nd-139m	4.6043	4.0291	5.6448	4.7211	4.4897	3.7907	7.2927	3.6949
Nd-140	0.8823	0.6978	0.5573	0.8833	0.8118	0.6233	0.9608	0.7700
Nd-141	0.9085	0.7191	0.6001	0.9120	0.8387	0.6504	1.0042	0.7845
Nd-141m	1.5440	1.4385	2.1891	1.5834	1.5466	1.2221	3.0285	1.3673
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	1.2701	1.1070	1.2287	1.2957	1.2376	0.9903	1.5729	1.0206
Nd-149	2.4425	2.2822	2.9452	2.3712	2.3696	2.0223	4.0881	2.3009
Nd-151	2.8177	2.5588	3.7057	2.8293	2.7755	2.4022	4.8943	2.3509

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-152	1.1526	1.1146	1.3757	1.0752	1.0842	0.9061	1.9842	1.6342
Ne-19	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	0.0004	0.0001
Ne-24	2.0660	1.9031	2.9639	2.2447	2.0646	1.9683	3.1681	2.0935
Ni-56	5.5553	5.0505	8.0242	5.7465	5.4568	4.3579	12.3347	5.8959
Ni-57	1.8885	1.4395	2.3653	2.2086	1.7941	1.6408	3.0813	1.4847
Ni-59	0.2941	0.2158	0.3319	0.4402	0.1692	0.1360	0.3056	0.5525
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6935	0.5422	0.9076	0.7767	0.6791	0.6352	1.0775	0.5427
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	4.8944	4.5776	6.0988	4.7195	4.6202	3.9243	8.0043	5.1433
Np-233	1.4614	1.3568	1.5387	1.3716	1.3644	1.1545	1.8227	1.1156
Np-234	2.6541	2.2536	2.9275	2.6955	2.4678	2.1407	3.7142	2.1769
Np-235	0.4501	0.3945	0.4514	0.4157	0.3102	0.2937	0.4346	0.5862
Np-236	3.0927	2.8247	3.4683	2.7999	2.6889	2.3131	4.5531	2.9189
Np-236m	0.8136	0.7524	0.8525	0.7574	0.7437	0.6366	0.9829	0.6354
Np-237	1.0811	0.9542	1.0356	0.9920	0.8754	0.7774	1.1542	1.0949
Np-238	1.3525	1.1488	1.9456	1.3590	1.2172	1.1976	1.7061	1.1572
Np-239	2.3805	2.2375	2.6554	2.2223	2.1807	1.8860	3.3575	2.2385
Np-240	4.0942	3.7143	5.3715	4.0318	3.7701	3.4858	5.9376	3.7054
Np-240m	1.1974	1.0866	1.5339	1.2154	1.0908	1.0292	1.6618	1.1783
Np-241	0.5738	0.5343	0.6460	0.5311	0.5292	0.4587	0.8211	0.4504
Np-242	0.4288	0.3623	0.5559	0.4520	0.4080	0.3566	0.7119	0.3645
Np-242m	3.3912	3.0975	4.4325	3.2096	3.0939	2.6424	5.6423	3.4164
O-14	1.4687	1.0547	1.7576	1.7334	1.4481	0.9883	3.5763	1.5735
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	2.3454	2.0549	3.1159	2.4303	2.3016	2.1380	4.0340	1.3851
Os-180	1.8962	1.5996	1.8540	1.8932	1.6662	1.3455	1.9729	2.0198
Os-181	4.9424	4.3165	5.8905	4.9188	4.7100	3.8878	7.2776	4.8106
Os-182	3.3950	2.9647	4.0837	3.5336	3.2068	2.7431	4.9327	3.4566
Os-183	4.6505	4.1913	5.1704	4.3880	4.3825	3.6887	6.2129	4.4997
Os-183m	2.6810	2.2021	3.4010	2.7924	2.5400	2.2829	3.2307	2.2393
Os-185	2.7105	2.4061	3.2556	2.7681	2.5631	2.2196	3.5807	2.2502
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.2735	0.2021	0.3074	0.4032	0.1580	0.1280	0.2832	0.5083
Os-190m	7.0018	6.4847	9.4787	7.4229	6.7224	6.2068	11.4061	7.0081
Os-191	1.7332	1.4785	1.8631	1.7999	1.5237	1.2179	2.2603	1.7439
Os-191m	0.3944	0.3048	0.4115	0.5069	0.2757	0.2188	0.3953	0.6063
Os-193	0.6077	0.5377	0.7035	0.6269	0.5592	0.4658	0.8585	0.6439
Os-194	0.2948	0.2257	0.2998	0.3862	0.1937	0.1542	0.2994	0.4662
Os-196	0.6232	0.5721	0.7260	0.6010	0.5913	0.5035	0.9040	0.5972

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
P-30	0.0011	0.0008	0.0013	0.0013	0.0011	0.0008	0.0025	0.0011
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.5696	0.5056	0.5676	0.5275	0.4849	0.4095	0.6224	0.5444
Pa-228	5.0247	4.5204	6.2624	4.9996	4.6541	4.0958	7.3237	4.7018
Pa-229	1.2676	1.1526	1.3045	1.2170	1.1490	0.9522	1.4833	1.0250
Pa-230	2.8135	2.5226	3.5367	2.8018	2.6059	2.3168	3.7627	2.4360
Pa-231	1.0063	0.8875	1.0173	0.9763	0.7563	0.6861	1.1571	1.3180
Pa-232	2.8110	2.5160	3.9469	2.8186	2.6264	2.4074	4.3657	2.5750
Pa-233	2.1020	2.0019	2.3360	1.9700	1.8938	1.6375	3.2376	2.6082
Pa-234	5.0971	4.6276	6.6705	5.0172	4.7708	4.2070	8.0580	4.5513
Pa-234m	0.0415	0.0363	0.0558	0.0419	0.0388	0.0350	0.0598	0.0352
Pa-235	0.0992	0.0729	0.1118	0.1478	0.0571	0.0460	0.1030	0.1858
Pa-236	1.9376	1.6933	2.4075	2.0078	1.7945	1.6377	2.8898	1.6193
Pa-237	1.5221	1.3679	2.2279	1.6518	1.4951	1.3095	2.6195	1.4759
Pb-194	4.0536	3.5360	4.7961	4.2495	3.8535	3.2462	5.6580	3.5437
Pb-195m	6.1601	5.6939	7.7810	6.1450	5.7673	5.0505	8.9437	6.0008
Pb-196	3.7294	3.3553	4.3705	3.8252	3.5420	2.9218	5.1679	3.8105
Pb-197	4.0071	3.5217	4.9080	4.1171	3.8204	3.2574	5.8122	3.5948
Pb-197m	5.2532	4.8339	6.4720	5.2409	4.9267	4.2524	7.5284	5.0670
Pb-198	3.4874	3.1853	4.0123	3.4746	3.2730	2.6448	5.2571	3.7595
Pb-199	3.3110	2.9190	3.8867	3.3986	3.1334	2.6345	4.7232	3.1780
Pb-200	2.8730	2.5307	3.2800	2.9210	2.6684	2.0644	4.4186	2.7564
Pb-201	3.8049	3.4980	4.4885	3.8350	3.5938	2.9944	5.8698	4.3556
Pb-201m	1.4029	1.2753	1.7507	1.4967	1.3204	1.1755	1.8522	1.0483
Pb-202	0.2738	0.2074	0.3031	0.3819	0.1603	0.1335	0.2798	0.4895
Pb-202m	5.3009	4.8432	7.5919	5.4336	5.1440	4.6737	8.2817	4.6693
Pb-203	2.9973	2.7682	3.3158	2.9492	2.8071	2.2273	4.4077	3.6461
Pb-204m	4.8098	4.3907	7.0236	4.8375	4.6894	4.1830	8.0194	4.4678
Pb-205	0.2771	0.2099	0.3068	0.3864	0.1623	0.1352	0.2832	0.4953
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.3288	0.2672	0.3321	0.3671	0.2172	0.1884	0.3264	0.4775
Pb-211	0.2008	0.1896	0.2749	0.1976	0.1953	0.1711	0.3254	0.1837
Pb-212	1.4312	1.3338	1.6483	1.3917	1.3540	1.0852	2.1142	1.5450
Pb-214	1.6581	1.5881	1.9651	1.6101	1.5567	1.3114	2.7407	2.1313
Pd-100	2.8396	2.6280	2.6993	2.3860	2.6379	2.2379	2.8297	2.0367
Pd-101	2.2671	2.1807	2.4240	1.8300	2.0053	1.9319	2.5826	2.2763
Pd-103	0.7386	0.7179	0.6651	0.4885	0.6095	0.6189	0.5373	0.6444
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	1.1637	1.0899	1.4651	1.0545	1.0978	0.9925	2.0601	0.7902

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109	0.4545	0.4172	0.3843	0.3797	0.3793	0.3642	0.3416	0.3500
Pd-111	0.1204	0.1076	0.1576	0.1260	0.1177	0.1082	0.1794	0.1010
Pd-112	0.2705	0.2612	0.2538	0.1730	0.2148	0.2168	0.2299	0.2640
Pd-114	0.2108	0.2056	0.2769	0.1942	0.2038	0.1783	0.4019	0.1926
Pd-96	3.5558	3.3110	4.8287	3.4522	3.4452	3.0832	6.0864	2.7769
Pd-97	3.4092	3.0215	4.3533	3.4806	3.3019	2.8920	5.7485	3.6229
Pd-98	2.6154	2.4870	3.0078	2.2714	2.4784	2.2384	3.5536	1.8149
Pd-99	2.7929	2.5941	3.6828	2.6159	2.6786	2.3565	5.2504	2.3501
Pm-136	5.1460	4.8584	7.0974	5.1669	5.0247	4.4694	8.7923	5.0705
Pm-137m	5.2210	4.7503	6.4399	5.2501	5.1009	4.4106	8.6073	4.8301
Pm-139	0.9386	0.8314	1.0200	0.9304	0.8954	0.7700	1.3070	0.8400
Pm-140m	5.4585	4.9074	7.7919	5.5809	5.3422	4.8110	8.6846	4.6534
Pm-140	0.3629	0.3098	0.4439	0.3819	0.3539	0.2999	0.5750	0.3081
Pm-141	0.7257	0.5801	0.6560	0.7519	0.6841	0.5561	0.9256	0.5853
Pm-142	0.2765	0.2162	0.2026	0.2844	0.2575	0.1979	0.3354	0.2328
Pm-143	1.5163	1.2965	1.4690	1.5286	1.4427	1.1176	2.1467	1.2964
Pm-144	5.0288	4.5770	6.4440	5.3207	4.8868	4.3881	7.5596	4.0694
Pm-145	0.9298	0.7425	0.6061	0.9260	0.8518	0.6358	0.9751	0.7982
Pm-146	2.7845	2.5308	3.4899	2.8667	2.7203	2.3569	4.3124	2.5500
Pm-147	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000
Pm-148	0.9664	0.8098	1.3272	1.0867	0.9581	0.8884	1.5344	0.8084
Pm-148m	5.6723	5.2371	8.0315	6.0789	5.5658	5.2341	8.7930	4.8616
Pm-149	0.0666	0.0651	0.0814	0.0638	0.0635	0.0530	0.1246	0.1002
Pm-150	2.9646	2.6674	3.9474	3.0762	2.8893	2.5913	5.2617	3.2336
Pm-151	1.9625	1.8313	2.3368	1.8959	1.8974	1.5747	3.4447	2.0752
Pm-152m	4.6108	4.2040	5.9369	4.5808	4.4743	3.8926	7.7687	4.5708
Pm-152	0.7887	0.6991	1.0377	0.8046	0.7689	0.6603	1.3392	0.5921
Pm-153	1.0284	0.9177	1.1232	1.0157	0.9816	0.8040	1.7085	0.7555
Pm-154	2.5227	2.0111	3.1681	2.7736	2.4489	2.0749	4.1304	2.0409
Pm-154m	4.2917	3.7005	5.2763	4.4798	4.1874	3.5787	7.1580	3.7434
Po-203	4.2378	3.6486	5.4924	4.4736	4.0438	3.4372	6.1776	3.5008
Po-204	5.7639	5.0896	6.9966	6.0242	5.3474	4.4141	8.0143	5.5841
Po-205	4.0906	3.5301	5.3073	4.3229	3.9255	3.2516	6.1219	3.4472
Po-206	5.0051	4.4541	6.3278	5.2862	4.6815	4.0126	7.2330	5.1835
Po-207	3.7343	3.2491	4.9370	3.9188	3.5617	3.0626	5.2009	3.0835
Po-208	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-209	0.0419	0.0357	0.0504	0.0487	0.0346	0.0280	0.0570	0.0562
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0192	0.0173	0.0287	0.0208	0.0191	0.0175	0.0311	0.0164
Po-212m	0.0738	0.0615	0.1011	0.0869	0.0736	0.0572	0.1577	0.0789

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001
Po-214	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	0.0004	0.0002
Po-215	0.0008	0.0007	0.0010	0.0008	0.0007	0.0007	0.0011	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	6.9607	6.4786	9.4050	7.0129	6.7412	6.1910	11.2359	6.4357
Pr-134m	3.2572	2.9106	4.2048	3.3154	3.1493	2.8884	5.0444	2.8863
Pr-135	2.1741	1.9088	2.1964	2.1970	2.0838	1.7367	3.2527	2.2215
Pr-136	3.7573	3.2580	5.0391	4.2021	3.7100	3.4562	5.7296	3.4109
Pr-137	0.8552	0.6881	0.6815	0.8726	0.8023	0.6533	1.0943	0.7685
Pr-138	0.2902	0.2345	0.2330	0.2961	0.2734	0.2169	0.3863	0.2587
Pr-138m	5.7554	5.1538	7.6663	5.8829	5.6108	4.8332	9.9464	6.0110
Pr-139	0.8379	0.6566	0.5396	0.8482	0.7755	0.6170	0.9617	0.7487
Pr-140	0.4464	0.3497	0.2852	0.4516	0.4130	0.3277	0.5139	0.4007
Pr-142	0.0536	0.0366	0.0520	0.0625	0.0523	0.0435	0.0927	0.0438
Pr-142m	0.0133	0.0098	0.0151	0.0200	0.0077	0.0062	0.0139	0.0251
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0363	0.0306	0.0471	0.0399	0.0356	0.0298	0.0682	0.0299
Pr-144m	0.4005	0.3141	0.2805	0.4264	0.3511	0.2709	0.4353	0.4007
Pr-145	0.0481	0.0421	0.0620	0.0500	0.0470	0.0406	0.0722	0.0382
Pr-146	1.8471	1.6043	2.4777	2.0036	1.8259	1.6549	3.0373	1.6769
Pr-147	2.6130	2.2641	2.6521	2.6593	2.4970	2.0616	3.6168	2.3545
Pr-148	2.2384	2.0508	2.9226	2.3045	2.1769	1.9094	4.1294	2.7351
Pr-148m	3.4858	3.3507	4.5381	3.4837	3.3883	2.9933	6.3057	4.4213
Pt-184	6.4373	5.6451	7.3742	6.4951	6.0228	4.9078	9.2794	6.2255
Pt-186	3.4087	3.0302	3.9599	3.4457	3.2167	2.6730	4.6226	3.0890
Pt-187	3.9748	3.4819	4.3852	3.9731	3.7235	3.0392	5.1727	3.8622
Pt-188	2.6779	2.3230	2.8796	2.6614	2.4620	2.0064	3.4397	2.4896
Pt-189	3.6713	3.1863	3.9707	3.7171	3.4141	2.7734	4.5666	3.5855
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	3.2668	2.8268	3.4133	3.2568	3.0356	2.4579	3.8222	3.1988
Pt-193	0.2916	0.2192	0.3244	0.4141	0.1701	0.1404	0.2993	0.5279
Pt-193m	0.5310	0.4195	0.5480	0.6534	0.3900	0.3070	0.5368	0.7523
Pt-195m	2.0007	1.6545	1.9786	2.1879	1.6921	1.3194	2.0863	2.2213
Pt-197	0.5623	0.4697	0.5977	0.6449	0.4677	0.3604	0.6501	0.6149
Pt-197m	1.4007	1.1856	1.4380	1.5105	1.1738	0.9364	1.6020	1.7312
Pt-199	0.8854	0.8112	1.1913	0.9474	0.8602	0.7759	1.4314	0.9279
Pt-200	1.0176	0.8737	1.0819	1.0791	0.8992	0.7007	1.2811	1.0675
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pu-232	1.0792	1.0058	1.1441	1.0018	1.0063	0.8605	1.3648	0.7933
Pu-234	1.2242	1.1382	1.2940	1.1348	1.1278	0.9684	1.5299	0.9315
Pu-235	1.6378	1.5147	1.7227	1.5108	1.4867	1.2827	2.0167	1.2992
Pu-236	0.1395	0.1251	0.1374	0.1174	0.0984	0.0951	0.1322	0.1715
Pu-237	1.1342	1.0393	1.1717	1.0386	0.9921	0.8659	1.3279	0.9883
Pu-238	0.1287	0.1154	0.1267	0.1084	0.0906	0.0876	0.1219	0.1584
Pu-239	0.0742	0.0634	0.0760	0.0754	0.0499	0.0463	0.0724	0.1038
Pu-240	0.1211	0.1086	0.1192	0.1019	0.0853	0.0824	0.1147	0.1490
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.1039	0.0931	0.1023	0.0875	0.0732	0.0707	0.0985	0.1278
Pu-243	0.4848	0.4340	0.4823	0.4729	0.4478	0.3533	0.5300	0.3788
Pu-244	0.1196	0.1064	0.1294	0.1084	0.0936	0.0876	0.1409	0.1369
Pu-245	1.7627	1.6746	2.2441	1.7233	1.6883	1.4953	2.9646	1.8925
Pu-246	2.0116	1.8539	2.1838	1.8318	1.8519	1.5889	2.8582	1.6554
Ra-219	1.1478	1.1083	1.3230	1.1340	1.0881	0.9019	2.0790	1.6308
Ra-220	0.0197	0.0183	0.0277	0.0211	0.0196	0.0187	0.0295	0.0199
Ra-221	0.6615	0.5860	0.7957	0.6620	0.5732	0.4663	1.1213	0.6711
Ra-222	0.0517	0.0515	0.0621	0.0497	0.0492	0.0422	0.1037	0.0830
Ra-223	1.5979	1.4580	1.8148	1.6168	1.4878	1.1804	2.4130	1.6338
Ra-224	0.0810	0.0788	0.1005	0.0744	0.0774	0.0646	0.1361	0.1004
Ra-225	0.4886	0.4094	0.3495	0.4501	0.4182	0.3153	0.4719	0.4421
Ra-226	1.6085	1.6144	1.5846	1.5920	1.6074	1.6012	1.6721	1.5452
Ra-227	1.5328	1.3961	1.6718	1.4930	1.3024	1.1606	2.0406	1.8404
Ra-228	1.4459	1.4435	1.4237	1.4079	1.4356	1.4263	1.4301	1.3930
Ra-230	0.8088	0.7319	0.9132	0.7993	0.7557	0.6368	1.0796	0.7325
Rb-77	2.2026	1.9685	2.7110	2.0804	2.1697	1.8358	3.4120	1.7633
Rb-78m	4.1835	3.6515	5.6350	4.5335	4.1161	3.7577	6.8002	3.5700
Rb-78	3.1925	2.6654	4.0964	3.7595	3.1350	2.6274	6.0831	3.2283
Rb-79	2.7016	2.5068	3.7875	2.6755	2.5917	2.2713	5.4173	2.4205
Rb-80	0.4812	0.4498	0.6785	0.5191	0.4658	0.4489	0.7213	0.3444
Rb-81	1.1454	1.0513	1.4701	1.1292	1.0147	0.9690	1.5480	1.2262
Rb-81m	0.4454	0.4083	0.4350	0.3328	0.3317	0.3115	0.4419	0.4570
Rb-82	0.2818	0.2606	0.3995	0.2853	0.2769	0.2169	0.5577	0.2659
Rb-82m	5.7943	5.1757	8.2358	6.1552	5.6277	5.0648	9.5679	4.9605
Rb-83	2.2350	2.0151	3.0215	2.4069	2.0721	1.9963	3.1356	2.3648
Rb-84	1.4571	1.2888	2.0725	1.4503	1.3370	1.1662	2.3521	1.3798
Rb-84m	2.3831	2.2977	3.0883	2.2416	2.2807	2.0244	3.8899	2.7534
Rb-86m	1.8103	1.6565	2.6064	2.0335	1.8023	1.7409	2.7426	1.6515
Rb-86	0.1368	0.1105	0.2210	0.1513	0.1336	0.1353	0.1860	0.0929
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-88	0.6178	0.4620	0.7438	0.7028	0.6040	0.4989	1.1660	0.5201
Rb-89	2.6229	2.0954	3.8931	2.9603	2.5759	2.4144	4.2175	1.9990
Rb-90	1.4303	1.1598	1.8806	1.7320	1.4191	1.0694	3.1187	1.4484
Rb-90m	3.2601	2.6931	4.4229	3.7227	3.2496	2.5550	6.6921	3.0672
Re-178	3.4722	2.9761	4.0086	3.6114	3.2890	2.7134	5.1490	3.4418
Re-179	4.6173	4.1267	5.4181	4.5992	4.3894	3.7714	6.8300	4.8891
Re-180	3.5877	3.0652	4.4539	3.6680	3.4095	2.8361	4.9843	3.2043
Re-181	4.3720	3.9207	5.0181	4.2687	4.0909	3.4983	6.0140	4.5622
Re-182	8.1360	7.0936	9.6477	8.0913	7.7324	6.5584	12.0053	7.7487
Re-182m	4.0566	3.3579	4.6410	4.1371	3.8688	3.3054	4.9486	3.3596
Re-183	2.8614	2.4009	2.9337	2.8511	2.5884	2.0253	3.7715	2.9333
Re-184	3.2365	2.8148	3.9626	3.2465	3.0924	2.4980	4.7498	2.9713
Re-184m	2.8706	2.4975	3.2335	2.9167	2.6341	2.1543	3.9141	2.9980
Re-186	0.3257	0.2854	0.3836	0.3212	0.3022	0.2428	0.5503	0.2925
Re-186m	1.0313	0.7940	1.0555	1.3227	0.7194	0.5703	1.0404	1.5711
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.4155	0.3671	0.5853	0.4174	0.4031	0.3179	0.9723	0.3998
Re-188m	1.7396	1.4381	1.6669	1.8094	1.5254	1.1948	1.7859	1.8454
Re-189	0.4937	0.4508	0.6080	0.4932	0.4588	0.3893	0.8027	0.5108
Re-190	5.0001	4.6878	6.8139	5.0467	4.8702	4.4130	8.3951	4.4664
Re-190m	4.1720	3.8359	5.4084	4.2541	3.9996	3.5909	6.4899	3.9154
Rh-100m	1.1765	1.1063	1.0681	0.8777	1.0111	0.9729	0.9980	1.0082
Rh-100	4.6377	3.9889	6.0000	4.8932	4.4883	4.0627	7.4019	4.2382
Rh-101	3.1284	3.0192	3.9100	2.7292	2.9326	2.7036	5.3398	2.2120
Rh-101m	2.2208	2.2001	2.5016	1.9072	2.0333	1.8283	3.6688	3.1238
Rh-102	1.6056	1.4950	2.0771	1.5541	1.5213	1.4835	2.1021	1.5285
Rh-102m	6.0939	5.6098	8.4950	6.2207	5.8948	5.5824	9.0083	5.1864
Rh-103m	0.0991	0.0914	0.0935	0.0824	0.0768	0.0754	0.0784	0.1064
Rh-104	0.0419	0.0384	0.0587	0.0455	0.0412	0.0399	0.0613	0.0380
Rh-104m	1.2523	1.1386	1.0728	0.9007	1.1242	1.0183	1.0746	0.9413
Rh-105	0.4306	0.4323	0.5172	0.4123	0.4114	0.3516	0.8987	0.7301
Rh-106	0.6277	0.5681	0.9100	0.7069	0.6262	0.6041	0.9531	0.5749
Rh-106m	6.4123	5.7215	9.1658	6.9267	6.3638	5.8625	10.3992	5.6827
Rh-107	1.6784	1.6758	2.0674	1.5898	1.6083	1.3881	3.2802	2.5784
Rh-108	1.1657	1.1051	1.6239	1.1967	1.1397	1.0942	1.7292	1.0638
Rh-109	1.8100	1.7812	2.2306	1.7001	1.7334	1.5098	3.4239	2.4431
Rh-94	3.6964	3.0336	4.9452	4.1007	3.6495	3.2519	6.3558	3.1124
Rh-95	2.5731	2.1424	3.6150	2.7560	2.4980	2.2825	4.0972	2.0545
Rh-95m	1.8347	1.6544	2.5631	2.0651	1.8228	1.6932	2.9498	1.7719
Rh-96	6.2430	5.6603	8.7746	6.5445	6.1288	5.3874	10.7557	4.9529

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96m	1.5753	1.3706	2.0383	1.5642	1.5101	1.2955	2.6113	1.3707
Rh-97	2.4205	2.2625	3.1936	2.3163	2.3158	2.1486	3.6298	2.2074
Rh-97m	3.5043	3.0186	4.3614	3.5312	3.3451	2.9530	6.0093	2.9658
Rh-98	1.8551	1.7007	2.5454	1.9673	1.7949	1.6699	2.9227	1.3256
Rh-99	3.1618	3.0023	3.7129	2.8746	2.9650	2.7417	4.2387	3.1055
Rh-99m	2.5601	2.4741	3.0759	2.3008	2.3731	2.2106	3.9000	2.9515
Rn-207	3.4211	3.1870	4.2842	3.4685	3.2667	2.7872	5.3284	3.3888
Rn-209	3.7952	3.4721	4.7506	3.8588	3.6263	3.0902	5.6998	3.4395
Rn-210	0.2698	0.2436	0.3402	0.2819	0.2548	0.2191	0.3865	0.2486
Rn-211	4.6931	4.1342	6.2488	4.9782	4.5088	3.9970	7.0215	3.8117
Rn-212	0.0008	0.0008	0.0011	0.0008	0.0008	0.0007	0.0014	0.0006
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0021	0.0020	0.0030	0.0023	0.0020	0.0020	0.0031	0.0015
Rn-219	0.3477	0.3416	0.4344	0.3221	0.3316	0.2868	0.5753	0.4353
Rn-220	2.0059	2.0070	1.9947	2.1900	1.9892	1.9852	2.0224	1.8932
Rn-222	0.0015	0.0014	0.0022	0.0018	0.0016	0.0015	0.0023	0.0016
Rn-223	1.7038	1.5251	2.1225	1.7820	1.5397	1.3553	2.4400	1.6002
Ru-103	1.9624	1.7739	2.8457	2.2357	1.9824	1.9078	2.9997	2.0425
Ru-105	2.3348	2.2120	3.2102	2.3483	2.2802	2.0240	4.0595	2.2758
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.9189	0.8377	1.2806	0.9368	0.9006	0.8200	1.5481	0.7840
Ru-108	0.6775	0.6206	0.9793	0.6281	0.6704	0.5288	1.7655	0.5851
Ru-92	6.9061	6.4844	8.4446	6.1486	6.5348	5.7560	11.4190	6.5984
Ru-94	2.4147	2.3471	2.9679	2.0712	2.2223	2.0696	3.5509	2.5833
Ru-95	3.2088	2.9992	4.0759	3.0420	3.0144	2.7945	5.1173	3.5338
Ru-97	2.2922	2.2198	2.7073	1.9365	2.1095	1.9452	3.4302	2.1198
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	1.3302	0.9065	1.3756	2.0166	1.3250	0.7928	3.6712	1.6775
S-38	1.3150	0.8623	1.2470	1.5493	1.2628	1.0262	2.5570	1.0420
Sb-111	2.6754	2.4002	3.8342	2.7443	2.6426	2.2979	5.5358	2.3981
Sb-113	2.4356	2.1918	3.2088	2.6574	2.3808	2.2568	3.5547	2.5050
Sb-114	2.5582	2.0673	3.4674	2.8562	2.5019	2.3798	3.8722	1.8967
Sb-115	2.6552	2.3651	3.4060	2.9139	2.5715	2.4746	3.5642	2.5581
Sb-116	2.3914	1.9082	3.1092	2.6524	2.2987	2.1831	3.4162	1.6888
Sb-116m	6.9375	6.0068	9.2486	7.2847	6.6745	6.3721	9.6684	5.1002
Sb-117	2.3687	2.0966	2.8879	2.2500	2.2118	1.8262	5.0200	1.9753
Sb-118	0.3109	0.2655	0.2736	0.3047	0.2674	0.2590	0.2715	0.2124
Sb-118m	6.7932	5.8850	8.4720	6.8777	6.3953	5.9992	8.8662	5.8927

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-119	1.1369	0.9859	0.8378	1.0682	0.9263	0.8943	0.8028	0.8099
Sb-120	0.5733	0.4943	0.4358	0.5425	0.4766	0.4612	0.4247	0.3873
Sb-120m	6.7130	5.7698	8.7420	6.9647	6.4454	6.0797	8.8306	4.1825
Sb-122m	1.8794	1.5979	1.4642	1.6914	1.7394	1.4674	1.6405	1.3529
Sb-122	1.3909	1.2735	1.9840	1.5501	1.3777	1.3271	2.0972	1.2138
Sb-124	3.0278	2.5875	3.9299	3.3650	2.9592	2.7129	4.8970	2.3396
Sb-124m	1.3607	1.2485	1.9370	1.5203	1.3302	1.2749	2.0548	1.1876
Sb-124n	0.0466	0.0342	0.0525	0.0697	0.0268	0.0216	0.0484	0.0874
Sb-125	2.1510	1.9597	2.5493	2.1753	2.0326	1.9124	2.9700	1.7976
Sb-126	7.1170	6.7193	10.0735	7.3181	6.9698	6.2974	11.8209	5.8282
Sb-126m	4.3355	4.1303	6.0587	4.4033	4.2202	3.8840	6.9251	3.5153
Sb-127	2.1052	1.9741	2.9244	2.1833	2.0764	1.8597	3.5066	1.9794
Sb-128	7.8610	7.3776	11.0454	8.1928	7.7676	6.7481	14.3347	7.6512
Sb-128m	5.0184	4.7926	6.8902	5.0739	4.9565	4.0761	10.0427	5.6875
Sb-129	2.6836	2.3546	3.8652	2.8592	2.6616	2.3239	4.7410	2.3276
Sb-130m	5.6193	5.0562	8.3108	5.8073	5.6038	4.6987	10.7642	4.8186
Sb-130	8.1931	7.5638	11.4998	8.3279	8.1100	6.8076	16.0139	8.1858
Sb-131	3.2710	2.7872	4.6765	3.5284	3.2027	2.9107	5.4554	2.6690
Sb-133	3.3903	2.7552	4.7251	3.7731	3.3400	2.9832	5.8234	2.8205
Sc-42m	4.8249	3.9904	6.3922	5.3083	4.7479	4.5021	7.3182	3.8895
Sc-43	0.4040	0.4011	0.5173	0.3757	0.3812	0.3509	0.6606	0.4748
Sc-44	1.5631	1.2457	2.4356	1.7729	1.5405	1.5629	2.1590	1.0192
Sc-44m	1.5916	1.5748	1.9986	1.4730	1.5311	1.2788	2.9555	2.4065
Sc-46	3.1752	2.6748	4.9984	3.4360	3.1393	2.9411	5.0154	2.3913
Sc-47	1.0524	0.9493	1.6838	1.0094	1.0717	0.7936	3.3643	0.9981
Sc-48	4.8247	3.8873	7.5588	5.3461	4.7300	4.6913	6.9160	3.3268
Sc-49	0.0009	0.0006	0.0008	0.0010	0.0009	0.0007	0.0016	0.0007
Sc-50	4.7620	3.8289	6.4682	5.4488	4.7163	4.4450	7.3299	3.9543
Se-70	2.5522	2.2208	2.9755	2.7738	2.1259	1.8545	3.4451	3.1413
Se-71	1.6297	1.4386	2.4588	1.6776	1.6150	1.3638	3.6540	1.3605
Se-72	1.4042	1.1005	1.3011	1.6153	1.0473	0.8266	1.4162	1.8184
Se-73	2.9002	2.7050	3.2792	2.7528	2.7213	2.3191	4.1600	3.3137
Se-73m	0.3785	0.3331	0.4510	0.4105	0.3188	0.2739	0.5078	0.4692
Se-75	3.5069	3.2964	4.5147	3.5392	3.1804	2.6723	6.5356	4.3513
Se-77m	1.0647	0.9366	1.5597	1.0884	0.9801	0.7555	2.7874	1.1562
Se-79m	0.5488	0.4527	0.5827	0.6478	0.3843	0.3254	0.5740	0.7645
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0333	0.0323	0.0437	0.0326	0.0325	0.0277	0.0622	0.0450
Se-81m	0.5968	0.5009	0.6419	0.6912	0.4349	0.3709	0.6598	0.7871
Se-83m	1.6086	1.3707	2.3003	1.7123	1.5593	1.4564	2.5737	1.3704

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83	5.6455	5.0765	7.6856	5.9273	5.5507	4.9713	9.7687	5.5807
Se-84	1.8267	1.7973	2.4492	1.6974	1.7529	1.6743	2.6488	1.6885
Si-31	0.0010	0.0008	0.0016	0.0012	0.0010	0.0011	0.0015	0.0006
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	2.7466	2.5559	3.3716	2.7490	2.6531	2.2633	4.7496	3.2730
Sm-140	1.7392	1.4865	1.7563	1.7426	1.6511	1.3401	2.4701	1.5028
Sm-141	2.4996	2.2383	3.0204	2.5025	2.4004	2.1682	3.5780	2.2237
Sm-141m	4.7863	4.2329	6.0279	4.8880	4.6485	4.0585	7.6578	3.7299
Sm-142	0.8673	0.6972	0.5634	0.8522	0.7940	0.5780	0.8820	0.7180
Sm-143	0.5720	0.4593	0.4182	0.5695	0.5274	0.3971	0.6106	0.4711
Sm-143m	1.5395	1.4337	2.1701	1.5775	1.5390	1.2169	2.9850	1.3557
Sm-145	1.7936	1.4486	1.1723	1.7267	1.6574	1.2096	1.7978	1.4658
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0015	0.0011	0.0015	0.0019	0.0009	0.0008	0.0014	0.0024
Sm-153	1.2119	1.0405	0.9973	1.1616	1.1687	0.8828	1.3538	0.8380
Sm-155	1.2955	1.2043	1.3594	1.2439	1.3221	1.0687	1.8224	0.7626
Sm-156	1.3025	1.1728	1.4940	1.3072	1.2431	1.0041	2.0967	1.0920
Sm-157	2.1869	2.0041	2.7233	2.1306	2.1158	1.8789	3.5848	1.5076
Sn-106	4.1463	3.8487	5.1038	4.0108	3.9159	3.5804	6.0173	3.8410
Sn-108	4.0389	3.8407	4.7594	3.7484	3.7705	3.4080	5.9929	3.8385
Sn-109	3.5654	2.9509	4.3357	3.7782	3.3597	3.1178	5.0968	2.8945
Sn-110	2.5949	2.4909	2.7581	2.3749	2.3687	2.0818	3.9198	3.3221
Sn-111	0.8426	0.7262	0.7488	0.7989	0.7254	0.6900	0.7980	0.6094
Sn-113	0.9236	0.8211	0.7079	0.8239	0.7629	0.7392	0.6758	0.6678
Sn-113m	0.6453	0.5581	0.4723	0.6087	0.5288	0.5082	0.4601	0.4530
Sn-117m	2.2118	1.9614	2.8016	2.1072	2.0854	1.6947	4.9986	1.8900
Sn-119m	0.7578	0.6571	0.5736	0.7213	0.6089	0.5875	0.5342	0.5696
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.2342	0.1948	0.1732	0.2370	0.1924	0.1767	0.1984	0.2000
Sn-123	0.0101	0.0081	0.0162	0.0111	0.0098	0.0100	0.0137	0.0068
Sn-123m	1.4551	1.3067	2.1999	1.3948	1.4569	1.1080	4.2855	1.3363
Sn-125m	1.7501	1.7472	2.1316	1.6692	1.6707	1.4585	3.4613	2.7177
Sn-125	0.5322	0.4482	0.8009	0.5744	0.5233	0.4859	0.8580	0.4360
Sn-126	1.2030	1.0534	1.0668	1.1861	1.1328	0.9229	1.1957	0.8153
Sn-127m	1.9224	1.7188	2.7500	2.1830	1.9380	1.8581	2.9445	1.9766
Sn-127	3.4229	2.9492	4.9461	3.6717	3.3686	3.0859	5.6344	2.9259
Sn-128	4.2378	3.7451	4.5215	4.2977	3.9639	3.6356	5.1512	3.4907
Sn-129	2.0672	1.8803	2.9122	2.2193	2.0140	1.8902	3.2526	1.5078

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-130	4.1979	3.8666	5.1899	4.0903	4.0785	3.4677	6.9538	3.3574
Sn-130m	2.5353	2.2249	3.1724	2.5782	2.4559	2.1253	4.1737	2.0224
Sr-79	1.5644	1.4619	1.7161	1.4240	1.4741	1.2469	2.4217	1.4322
Sr-80	1.5997	1.4938	2.0670	1.5222	1.4440	1.3702	2.3768	1.5074
Sr-81	2.3762	2.1910	3.4714	2.3362	2.3394	2.0018	5.2924	2.0973
Sr-82	0.4552	0.4224	0.4341	0.3025	0.3077	0.3098	0.4235	0.5133
Sr-83	1.8877	1.7524	2.3487	1.6859	1.6662	1.5014	2.8023	1.8571
Sr-85	2.3498	2.1313	3.1915	2.4744	2.2210	2.1535	3.3240	2.4669
Sr-85m	1.7249	1.6660	2.2403	1.5815	1.6510	1.4036	3.2064	1.9066
Sr-87m	1.5230	1.5149	1.9607	1.3509	1.4277	1.3488	2.2628	1.5289
Sr-89	0.0002	0.0001	0.0002	0.0002	0.0002	0.0001	0.0003	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	1.3130	1.1538	2.0006	1.3965	1.2896	1.1894	2.1149	1.0211
Sr-92	1.5515	1.1919	2.0390	1.7788	1.5338	1.4534	2.3773	1.1166
Sr-93	4.3403	3.8289	6.1215	4.6337	4.2668	3.8223	7.5958	3.7079
Sr-94	1.5405	1.1553	1.9086	1.7821	1.5218	1.3936	2.4683	1.1184
Ta-170	1.6994	1.4748	1.9607	1.7110	1.6003	1.3431	2.2431	1.5126
Ta-172	3.9872	3.4086	4.8627	4.0939	3.8003	3.3330	5.6085	3.4232
Ta-173	2.9195	2.4305	3.1034	2.8928	2.7073	2.1777	3.9097	2.6949
Ta-174	3.0406	2.6096	3.4278	3.0595	2.8513	2.4283	4.1362	2.5363
Ta-175	4.1639	3.5480	4.6177	4.0986	3.9521	3.3266	5.7965	3.7937
Ta-176	4.1021	3.2684	4.7234	4.4171	3.9022	3.3586	5.7939	3.4786
Ta-177	1.3221	1.0962	1.2007	1.2332	1.2170	0.9657	1.3745	1.1888
Ta-178	1.3804	1.1294	1.2490	1.3189	1.2630	1.0018	1.3843	1.2673
Ta-178m	8.4341	7.8379	9.7123	8.1525	8.0597	6.8980	12.6489	8.9129
Ta-179	0.6877	0.5534	0.6212	0.6915	0.5946	0.4680	0.6689	0.7313
Ta-180	1.1187	0.9180	0.9880	1.0576	1.0197	0.8005	1.0975	1.0397
Ta-182	3.4910	2.9260	4.4011	3.6355	3.3792	3.0005	4.7015	2.7499
Ta-182m	3.5991	3.1100	4.3349	3.6216	3.3112	2.6408	6.5079	3.5789
Ta-183	3.4809	3.0865	3.8340	3.4301	3.2020	2.5815	5.1089	3.8934
Ta-184	6.3196	5.8772	8.3100	6.2813	6.0472	5.3083	10.1297	6.6941
Ta-185	1.8966	1.6401	2.2665	1.9285	1.7418	1.4024	3.2120	1.8624
Ta-186	5.8072	5.4041	7.7895	5.9260	5.6574	5.0468	9.8120	5.1221
Tb-146	3.3013	2.4860	3.8837	3.7579	3.2115	2.8177	5.2707	2.6689
Tb-147m	2.1722	1.6324	2.3086	2.4087	2.0903	1.7973	3.1378	1.6471
Tb-147	3.9850	3.3728	5.2775	4.2132	3.8743	3.4677	6.2481	2.9803
Tb-148m	7.5586	6.9916	10.2845	7.5900	7.3750	6.3986	12.5429	6.4132
Tb-148	3.2527	2.8164	4.2635	3.4635	3.2100	2.6262	5.7849	2.8944
Tb-149m	3.1570	2.8419	4.0252	3.1833	3.0984	2.4235	5.6095	2.7285
Tb-149	3.7358	3.3107	4.6049	3.7421	3.6049	3.0169	6.4334	3.4468

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-150m	7.8738	7.2770	10.5044	8.2060	7.6678	6.9629	12.2814	6.8253
Tb-150	3.7153	3.1438	4.4999	4.0619	3.5904	3.0884	5.8900	3.0606
Tb-151	4.9951	4.5400	5.8093	4.9209	4.8004	4.0850	7.5102	4.8062
Tb-151m	0.8734	0.7157	0.9143	0.9816	0.7041	0.5834	1.0187	1.0713
Tb-152m	4.4999	4.1217	5.2147	4.3575	4.2805	3.6071	7.2030	5.0725
Tb-152	3.4158	3.0402	3.9618	3.4365	3.2641	2.7608	5.5672	3.6734
Tb-153	2.8137	2.4580	2.9059	2.7512	2.6582	2.1423	3.9154	2.3563
Tb-154	3.7639	3.0591	4.3390	4.0159	3.6202	2.9927	6.0772	3.0430
Tb-155	2.6602	2.3035	2.5278	2.5825	2.5405	1.9448	3.5791	2.1149
Tb-156	5.8232	5.0198	7.1710	6.1214	5.6294	5.0299	8.3346	4.8289
Tb-156m	0.7541	0.6102	0.5831	0.6043	0.7225	0.5725	0.7680	0.4897
Tb-156n	0.2161	0.1659	0.2155	0.2783	0.1538	0.1193	0.2238	0.3138
Tb-157	0.2401	0.1852	0.2185	0.2909	0.1797	0.1366	0.2433	0.3184
Tb-158	2.7292	2.2937	3.2694	2.7966	2.5860	2.1522	3.7364	2.2027
Tb-160	2.6970	2.3612	3.7000	2.8067	2.6134	2.3228	4.2592	2.5010
Tb-161	1.0430	0.8578	0.8620	1.0358	0.9000	0.7354	0.9729	0.9072
Tb-162	3.6596	3.4115	4.9243	3.5844	3.5752	2.9176	6.6531	4.0356
Tb-163	3.4879	3.3332	4.6158	3.4960	3.3866	3.1201	5.6211	3.8663
Tb-164	5.9895	5.3730	8.1133	6.2420	5.8559	5.0925	10.5523	5.2633
Tb-165	1.3487	1.0888	1.8073	1.5264	1.3087	1.2202	2.0838	1.0943
Tc-101	1.8201	1.8079	2.2527	1.7585	1.7513	1.5032	3.6986	2.8666
Tc-102m	4.3298	3.7188	5.9424	4.8017	4.2702	3.9692	6.9397	3.7769
Tc-102	0.2135	0.1923	0.3066	0.2335	0.2124	0.2010	0.3326	0.2018
Tc-104	4.0345	3.5928	5.2195	4.2507	3.9340	3.4589	7.2945	4.3264
Tc-105	2.8956	2.6834	3.8164	2.8497	2.8305	2.4551	5.4233	2.8410
Tc-91	1.4097	1.0875	1.7158	1.6090	1.3830	1.1064	2.7810	1.3367
Tc-91m	1.2711	1.1184	1.8178	1.4478	1.2779	1.2232	1.9500	1.2695
Tc-92	6.1748	5.5175	7.9962	6.2703	6.0752	4.9954	12.6831	6.3741
Tc-93	2.0476	1.6376	2.3736	2.0693	1.9166	1.8182	2.8454	1.5803
Tc-93m	1.7084	1.5854	2.1221	1.6131	1.6054	1.4248	2.7843	1.7018
Tc-94	5.6119	5.1392	8.0775	5.5880	5.4803	4.6963	9.8217	4.8094
Tc-94m	2.0338	1.7729	2.9101	2.0814	1.9879	1.6827	3.6352	1.7828
Tc-95	2.2369	2.1087	2.9531	2.0234	2.1203	1.7885	3.8042	2.0279
Tc-95m	2.8714	2.7005	3.7302	2.6523	2.7114	2.4779	4.5113	2.2783
Tc-96	5.5009	5.0801	7.8673	5.3841	5.4116	4.4123	10.3223	5.0492
Tc-96m	0.4151	0.3959	0.4257	0.2933	0.3469	0.3403	0.4200	0.3861
Tc-97	0.5906	0.5739	0.5490	0.3450	0.4682	0.4748	0.5291	0.5578
Tc-97m	0.4844	0.4709	0.4486	0.2993	0.3903	0.3949	0.4059	0.4498
Tc-98	3.2393	3.0483	4.6449	3.3938	3.1979	2.7878	5.7269	2.5237
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99m	1.3856	1.3060	2.0563	1.2915	1.3743	1.1250	3.6272	1.0293
Te-113	1.7778	1.4672	2.4261	1.9436	1.7402	1.5474	2.9915	1.4300
Te-114	3.2927	2.8182	3.5407	3.3675	3.0659	2.7477	4.4510	2.6957
Te-115	2.7750	2.3630	3.6462	2.9752	2.6875	2.4864	4.2474	2.1977
Te-115m	3.1861	2.6603	4.1344	3.4439	3.0912	2.7603	5.1422	2.5410
Te-116	1.9820	1.7237	1.6214	1.9229	1.7741	1.6025	1.8667	1.3444
Te-117	2.4894	2.1331	2.9727	2.6055	2.3604	2.0562	3.8774	1.9870
Te-118	0.8856	0.7509	0.6235	0.8439	0.7444	0.7064	0.7063	0.6426
Te-119	2.5205	2.2682	2.9028	2.5943	2.3326	2.1961	3.2726	1.7735
Te-119m	4.1673	3.5904	5.5001	4.2533	3.9950	3.5964	7.3646	3.5174
Te-121	2.7338	2.4429	3.2551	2.9094	2.5785	2.4768	3.4794	2.2927
Te-121m	2.0211	1.8453	2.2527	1.9465	1.8787	1.7123	2.9298	1.5615
Te-123	0.0419	0.0309	0.0466	0.0618	0.0245	0.0199	0.0431	0.0769
Te-123m	1.8988	1.6662	2.5020	1.8404	1.8318	1.4503	4.7031	1.7289
Te-125m	1.4719	1.2173	1.0155	1.4357	1.2683	1.1715	1.3417	1.1613
Te-127	0.0234	0.0226	0.0303	0.0222	0.0225	0.0212	0.0346	0.0221
Te-127m	0.4749	0.3916	0.3388	0.4726	0.4028	0.3724	0.4315	0.3954
Te-129	0.4547	0.3963	0.4883	0.4793	0.4079	0.3808	0.5520	0.4498
Te-129m	0.4107	0.3471	0.3398	0.4105	0.3585	0.3289	0.4303	0.3336
Te-131	2.0221	1.8298	2.9393	2.0296	2.0048	1.7191	4.5212	1.7604
Te-131m	3.5383	3.1965	4.8011	3.6211	3.4882	2.9646	6.3082	3.1429
Te-132	2.5297	2.3011	2.6474	2.3667	2.3793	2.0846	3.6794	2.3799
Te-133	2.8445	2.6317	3.7194	2.8828	2.7591	2.4416	5.1737	3.3622
Te-133m	4.0843	3.6206	5.6536	4.2476	3.9902	3.5444	6.9117	3.6527
Te-134	3.6981	3.4287	4.7690	3.7321	3.6188	3.1410	6.2211	3.3104
Th-223	1.2857	1.1588	1.3949	1.2719	1.1716	0.9453	1.7317	1.1006
Th-224	0.2243	0.2063	0.2994	0.2148	0.2123	0.1778	0.4629	0.1952
Th-226	0.1658	0.1514	0.1834	0.1554	0.1389	0.1220	0.2195	0.1674
Th-227	1.6109	1.4823	1.7755	1.5059	1.3713	1.1806	2.2392	1.9935
Th-228	0.1329	0.1167	0.1369	0.1248	0.0974	0.0877	0.1433	0.1608
Th-229	2.0180	1.7902	2.1435	1.9939	1.7049	1.4319	2.4872	1.9751
Th-230	1.5982	1.5572	1.5714	1.4901	1.5983	1.5246	1.5737	1.5155
Th-231	1.1603	1.0209	1.1159	1.0702	0.8690	0.7964	1.1169	1.2897
Th-232	1.3597	1.3615	1.3524	1.4170	1.3590	1.3645	1.5433	1.3000
Th-233	0.3874	0.3369	0.4346	0.4139	0.3214	0.2800	0.4893	0.4329
Th-234	0.2561	0.2273	0.2469	0.2299	0.2230	0.1871	0.2635	0.2377
Th-235	0.1759	0.1656	0.2393	0.1779	0.1714	0.1526	0.2838	0.1554
Th-236	0.2851	0.2662	0.3365	0.2733	0.2599	0.2299	0.4139	0.2540
Ti-44	2.4391	2.1060	2.2755	2.3767	2.4658	1.7725	2.5382	1.5948
Ti-45	0.0190	0.0146	0.0226	0.0264	0.0131	0.0109	0.0232	0.0302

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-51	1.7546	1.7455	2.1629	1.6998	1.6817	1.4486	3.6220	2.8614
Ti-52	1.6423	1.5842	2.2157	1.5268	1.5639	1.3849	3.3084	1.0218
Tl-190	2.5668	2.3820	3.3113	2.5622	2.4557	2.2430	3.5390	2.2580
Tl-190m	6.4988	6.0453	8.6779	6.6529	6.2869	5.6645	9.9614	5.7592
Tl-194	2.7090	2.4809	3.3748	2.7456	2.5779	2.2978	3.5777	2.3955
Tl-194m	8.3490	7.7296	10.8658	8.5894	8.0420	7.0687	12.7150	7.4603
Tl-195	3.4838	2.9312	4.0680	3.7716	3.2229	2.6707	4.8290	3.4005
Tl-196	4.2978	3.7381	5.1822	4.4873	4.1126	3.5836	6.1988	3.8047
Tl-197	2.6133	2.2737	2.9499	2.6983	2.4559	1.9880	3.4581	2.3887
Tl-198	4.6487	4.0257	5.6158	4.8404	4.4384	3.8669	6.6590	4.0258
Tl-198m	5.5624	5.1342	6.9968	5.7389	5.2422	4.6662	7.8807	5.3500
Tl-199	2.5158	2.2158	2.7818	2.5610	2.3484	1.8828	3.2650	2.4169
Tl-200	4.3064	3.8676	5.3046	4.3952	4.1040	3.5905	6.2065	4.1534
Tl-201	1.8787	1.5926	1.9277	1.9585	1.7018	1.2870	2.2733	1.7726
Tl-202	3.0298	2.7444	3.6349	3.0921	2.8794	2.5050	3.8823	2.8652
Tl-204	0.0298	0.0249	0.0289	0.0316	0.0264	0.0199	0.0304	0.0291
Tl-206m	8.5838	7.9774	11.7080	8.6960	8.3253	7.5278	13.5886	8.4838
Tl-206	0.0014	0.0012	0.0014	0.0015	0.0013	0.0010	0.0016	0.0012
Tl-207	0.0043	0.0038	0.0067	0.0045	0.0043	0.0037	0.0075	0.0036
Tl-208	3.8673	3.3084	5.3114	4.4406	3.8424	3.1090	7.7013	4.0203
Tl-209	4.8324	4.1565	5.9364	5.1675	4.7722	4.2148	7.9211	3.9565
Tl-210	5.2546	4.6926	7.0076	5.4713	5.1159	4.2446	9.8736	5.7819
Tm-161	4.9343	4.0926	4.9540	4.7768	4.6536	3.7743	6.8833	4.1424
Tm-162	2.8372	2.3194	3.2799	2.9912	2.7306	2.2851	4.3210	2.3509
Tm-163	4.3574	3.6574	4.7316	4.3157	4.1664	3.5407	5.8305	3.6961
Tm-164	1.1422	0.9218	1.1419	1.1397	1.0672	0.8719	1.4378	0.9445
Tm-165	3.5766	3.1908	3.9460	3.3838	3.3854	2.8224	5.1420	3.7044
Tm-166	4.3402	3.6158	5.1567	4.5236	4.1549	3.5028	6.7411	3.5515
Tm-167	2.0195	1.7194	2.0305	1.9258	1.8478	1.5386	2.5349	1.6931
Tm-168	4.9786	4.4595	6.2670	4.9780	4.8002	4.0249	8.0718	4.0771
Tm-170	0.0982	0.0803	0.0946	0.1071	0.0854	0.0654	0.1036	0.0989
Tm-171	0.0151	0.0122	0.0131	0.0142	0.0135	0.0106	0.0148	0.0141
Tm-172	0.8641	0.6738	1.0183	0.9728	0.8081	0.7001	1.2319	0.7430
Tm-173	1.8214	1.7786	2.3531	1.6588	1.7317	1.6308	2.5594	1.6608
Tm-174	6.8574	6.3240	9.2539	6.7579	6.5738	5.8315	11.8276	7.4368
Tm-175	3.1172	2.7750	4.3919	3.3576	3.0718	2.8484	4.7893	2.9614
Tm-176	4.6688	4.0944	6.1445	4.8476	4.4870	3.9847	7.6265	4.3076
U-227	1.4180	1.3262	1.5971	1.3275	1.2968	1.0831	2.0504	1.4962
U-228	0.1560	0.1405	0.1611	0.1392	0.1217	0.1095	0.1760	0.1739
U-230	0.1528	0.1358	0.1538	0.1329	0.1096	0.1024	0.1580	0.1880

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-231	2.3194	2.0888	2.3107	2.1462	1.9252	1.6895	2.4878	2.1952
U-232	0.1384	0.1228	0.1377	0.1196	0.0963	0.0919	0.1364	0.1746
U-233	0.0733	0.0644	0.0734	0.0661	0.0507	0.0478	0.0730	0.0945
U-234	0.8463	0.8321	0.8110	0.8232	0.8402	0.8178	0.8310	0.7608
U-235	1.7062	1.6809	1.6612	1.6174	1.6864	1.6693	1.6337	1.6038
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.1132	0.1004	0.1126	0.0981	0.0781	0.0748	0.1107	0.1440
U-237	2.3467	2.1341	2.4447	2.1157	2.1293	1.8360	2.9001	1.9715
U-238	1.2045	1.2012	1.1285	1.2120	1.2047	1.2115	1.1957	1.0646
U-239	0.8529	0.7452	0.8109	0.8138	0.8173	0.6150	0.9011	0.6241
U-240	0.4118	0.3662	0.4120	0.3711	0.3054	0.2833	0.4196	0.4830
U-242	0.3274	0.2934	0.3526	0.2980	0.3210	0.2674	0.4317	0.2742
V-47	0.0138	0.0105	0.0161	0.0167	0.0119	0.0097	0.0246	0.0166
V-48	3.3032	2.6384	5.0417	3.7146	3.2247	3.1646	4.7586	2.3573
V-49	0.1149	0.0843	0.1297	0.1720	0.0661	0.0532	0.1194	0.2159
V-50	1.5655	1.1508	1.7107	1.8182	1.5025	1.2418	2.7262	1.3935
V-52	1.4766	1.0766	1.7846	1.7246	1.4575	1.3398	2.3377	1.0610
V-53	1.6323	1.3307	2.6655	1.7786	1.5858	1.5960	2.2189	1.1578
W-177	5.5019	4.8363	6.4131	5.4358	5.1943	4.4182	7.6661	4.8930
W-178	0.5230	0.4149	0.4994	0.5800	0.4220	0.3323	0.5138	0.6461
W-179	1.5389	1.2381	1.3502	1.5605	1.3405	1.0713	1.5286	1.6187
W-179m	1.0396	0.8730	0.9964	1.0113	0.9408	0.7476	1.1209	1.0431
W-181	1.0055	0.8193	0.8948	0.9721	0.8998	0.7038	0.9678	0.9998
W-185m	0.9132	0.7234	1.0213	1.1543	0.6660	0.5345	1.1330	1.3228
W-185	0.0009	0.0008	0.0010	0.0009	0.0009	0.0007	0.0012	0.0008
W-187	1.8526	1.6751	2.3745	1.9134	1.8131	1.5812	2.7724	1.5964
W-188	0.0163	0.0152	0.0186	0.0157	0.0152	0.0126	0.0261	0.0213
W-190	2.4949	2.1175	2.7779	2.3948	2.3569	1.7984	4.1040	2.4172
Xe-120	3.0080	2.6202	2.9844	2.9792	2.7810	2.4741	3.9325	2.4633
Xe-121	2.3234	2.0050	2.6651	2.3937	2.2238	1.9011	3.9022	2.2114
Xe-122	1.1769	0.9979	0.9570	1.1477	1.0592	0.9570	1.4207	1.0553
Xe-123	2.3141	2.0059	2.7082	2.2879	2.2028	1.8804	4.4765	1.9994
Xe-125	2.8318	2.5111	2.9604	2.7229	2.6526	2.3453	4.2760	2.4345
Xe-127	2.8940	2.6018	3.2148	2.7915	2.7250	2.4462	4.6725	2.2026
Xe-127m	2.1986	1.9958	2.6839	2.1245	2.1217	1.8247	4.4147	1.5428
Xe-129m	1.6277	1.3088	1.1202	1.6238	1.4652	1.2967	1.7945	1.3830
Xe-131m	0.6840	0.5474	0.4862	0.6908	0.6110	0.5419	0.7923	0.6098
Xe-133	1.0569	0.8737	0.8542	1.0947	1.0184	0.8031	1.2157	0.7931
Xe-133m	0.8284	0.6906	0.6562	0.8187	0.7516	0.6655	1.0047	0.7750
Xe-135	1.7084	1.6824	2.1334	1.5444	1.6509	1.3664	2.9786	2.3759

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135m	1.7002	1.5223	2.3450	1.9198	1.6950	1.6242	2.5276	1.6745
Xe-137	0.6505	0.6023	0.9066	0.6861	0.6430	0.6114	0.9888	0.6415
Xe-138	2.1444	1.8559	2.6025	2.2202	2.0504	1.7562	3.7944	2.3191
Y-81	1.8360	1.7373	2.2560	1.6875	1.7268	1.4877	3.0155	1.3283
Y-83	1.3072	1.1531	1.5245	1.2264	1.1896	1.0755	1.8440	1.2217
Y-83m	1.6182	1.5786	2.0432	1.4671	1.5293	1.3494	2.6187	2.0669
Y-84m	5.2552	4.5553	7.9366	5.5914	5.1883	4.6530	8.8343	4.2413
Y-85	1.5427	1.3888	2.1835	1.6747	1.5080	1.4469	2.2971	1.5915
Y-85m	1.4008	1.2196	1.7702	1.4062	1.3185	1.1654	2.3188	1.3224
Y-86	5.4594	4.6670	7.6157	5.7942	5.2577	4.8936	8.5972	4.3882
Y-86m	1.5833	1.5028	2.0623	1.5114	1.5249	1.3902	2.7051	1.1031
Y-87	2.2661	2.0781	3.0245	2.2970	2.1302	2.0634	3.1790	2.3841
Y-87m	1.4728	1.4660	1.8718	1.3049	1.3792	1.2917	2.2691	1.5818
Y-88	3.4972	2.7732	4.2548	3.6509	3.2859	2.8344	5.9346	2.9861
Y-89m	1.6051	1.3962	2.5323	1.6859	1.5882	1.4106	2.7323	1.3139
Y-90	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001
Y-90m	3.3777	3.1449	4.6336	3.4872	3.3237	3.1380	5.4294	2.7767
Y-91	0.0040	0.0031	0.0061	0.0045	0.0039	0.0040	0.0055	0.0025
Y-91m	1.7710	1.6210	2.5411	1.9797	1.7592	1.6998	2.6745	1.6195
Y-92	0.4342	0.3699	0.6476	0.4703	0.4287	0.3970	0.6922	0.3540
Y-93	0.2213	0.2017	0.2827	0.2192	0.2144	0.1827	0.3979	0.2706
Y-94	1.2648	1.0814	1.9310	1.3569	1.2482	1.1294	2.1032	1.0365
Y-95	0.9261	0.7046	1.1942	1.0972	0.9086	0.7501	1.7990	0.8359
Yb-162	2.5921	2.2642	3.0422	2.4757	2.4684	2.0050	4.5385	2.1473
Yb-163	1.9476	1.6148	2.1115	1.9496	1.7956	1.4867	2.6217	1.7975
Yb-164	1.0280	0.8330	0.8837	0.9325	0.9373	0.7477	1.0584	0.8770
Yb-165	2.8347	2.3120	2.7415	2.8752	2.5458	2.0173	3.1327	2.6060
Yb-166	1.9194	1.5583	1.6449	1.7669	1.7631	1.3813	1.9519	1.5899
Yb-167	4.2122	3.5984	4.3042	4.0157	3.9301	3.1862	5.6969	3.3818
Yb-169	4.8455	4.1541	4.8578	4.4370	4.5705	3.7254	6.4248	3.9623
Yb-175	0.2515	0.2399	0.3022	0.2298	0.2399	0.2105	0.3837	0.2552
Yb-177	0.7921	0.6866	1.0910	0.7806	0.7756	0.6523	1.5935	0.6351
Yb-178	0.1971	0.1924	0.2449	0.1840	0.1847	0.1680	0.3087	0.2258
Yb-179	3.2320	3.0078	4.4318	3.4080	3.1450	2.9622	4.9782	2.7964
Zn-60	1.8257	1.7076	2.3294	1.8059	1.7808	1.5632	2.8553	1.6720
Zn-61	0.7599	0.6273	0.9915	0.8600	0.7490	0.6686	1.2928	0.7119
Zn-62	1.8811	1.6317	2.3179	2.1792	1.6776	1.4949	2.5288	2.1044
Zn-63	0.2989	0.2594	0.4337	0.3329	0.2810	0.2588	0.4607	0.2559
Zn-65	1.1810	0.9214	1.6989	1.4683	1.0012	0.9686	1.4882	1.2564
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69m	1.7816	1.6960	2.4565	1.8037	1.7341	1.6589	2.6268	1.7524
Zn-71	0.9715	0.8760	1.4185	1.0726	0.9722	0.9208	1.5313	0.9266
Zn-71m	5.3391	5.0202	7.4713	5.5622	5.2331	4.9774	8.2757	4.9492
Zn-72	2.0851	1.8402	2.8701	2.2446	1.8594	1.4976	4.5786	2.1609
Zr-85	1.6315	1.5138	2.2218	1.6527	1.5880	1.4996	2.4760	1.5585
Zr-86	2.9488	2.8310	3.3034	2.3944	2.6189	2.3377	4.2761	3.4053
Zr-87	0.2029	0.1762	0.2485	0.1791	0.1769	0.1723	0.2644	0.1736
Zr-88	2.2244	2.1941	2.7279	1.8365	2.0022	1.9202	3.0377	2.1596
Zr-89	2.0150	1.7809	2.9161	1.9349	1.8914	1.7142	3.1488	1.7310
Zr-89m	1.6895	1.5467	2.3595	1.8478	1.6518	1.5920	2.5306	1.3725
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5839	1.4876	2.2991	1.6347	1.5859	1.2876	3.0846	1.3623
Zr-97	1.9061	1.7677	2.7459	1.9818	1.9016	1.5900	3.5757	1.6762

Table 27: Concrete 15 cm Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1848	0.1463	0.3341	0.2671
Ac-224	2.4199	1.8415	3.2136	2.2159
Ac-225	0.2348	0.1899	0.4528	0.3847
Ac-226	1.1438	0.9197	1.3294	1.1973
Ac-227	0.0304	0.0251	0.0948	0.0832
Ac-228	1.9892	1.6994	2.5013	2.0169
Ac-230	0.8855	0.7450	1.1195	0.9550
Ac-231	2.8125	2.2646	3.0896	2.5733
Ac-232	1.3995	1.1590	1.8216	1.3746
Ac-233	1.7601	1.4568	1.5137	1.1572
Ag-100m	2.7561	2.1315	3.0561	2.1689
Ag-101	2.3179	1.9372	2.1547	2.3040
Ag-102m	1.8240	1.4815	2.0747	1.5374
Ag-102	4.3866	3.5245	4.6713	3.5717
Ag-103	2.3093	1.8403	2.1991	2.0655
Ag-104	5.3194	4.4201	5.5467	4.4351
Ag-104m	2.2751	1.8433	2.1643	1.7045
Ag-105	2.6209	2.1647	2.4030	2.1816
Ag-105m	0.0140	0.0095	0.0387	0.0267
Ag-106	0.5367	0.4681	0.4964	0.4444
Ag-106m	6.6455	5.5123	6.8322	5.4480
Ag-108	0.0521	0.0398	0.0498	0.0364
Ag-108m	4.8826	3.8126	4.8022	3.4153
Ag-109m	0.3019	0.2562	0.3676	0.3397
Ag-110	0.0708	0.0507	0.0639	0.0423
Ag-110m	4.8887	3.8939	5.2683	3.9875
Ag-111	0.1323	0.1069	0.1114	0.1029
Ag-111m	0.1646	0.1425	0.2035	0.1969
Ag-112	1.1195	0.8281	1.1259	0.7967
Ag-113m	0.9398	0.7454	0.8068	0.7053
Ag-113	0.2910	0.2384	0.2225	0.2468
Ag-114	0.5148	0.4090	0.4723	0.3624
Ag-115	1.0131	0.8379	1.0540	0.8705
Ag-116	3.0150	2.4668	3.1093	2.5394
Ag-117	1.9904	1.5609	2.0475	1.5590
Ag-99	2.8939	2.4592	3.0026	3.0312
Al-26	1.4514	1.2173	2.1283	1.3231
Al-28	1.4070	1.1713	2.1526	1.3098
Al-29	1.4968	1.1448	1.4956	1.9909

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.7129	2.2015	3.8732	2.8892
Am-238	2.6948	2.2149	4.0485	2.7396
Am-239	2.7619	2.2039	4.7522	3.1791
Am-240	2.8152	2.4369	4.3208	3.0779
Am-241	0.9344	0.9084	1.0772	0.8409
Am-242	0.3275	0.2772	0.6230	0.4702
Am-242m	0.1611	0.1511	0.3285	0.3188
Am-243	1.0234	0.7300	0.9739	0.6846
Am-244	2.4722	2.0598	3.1209	2.5819
Am-244m	0.1128	0.1034	0.1927	0.1789
Am-245	0.3255	0.2659	0.4462	0.3724
Am-246	3.2894	2.6407	3.9924	3.1026
Am-246m	1.7835	1.5470	2.1701	1.8759
Am-247	1.2290	0.9784	1.5890	1.2253
Ar-37	0.0104	0.0058	0.0431	0.0278
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4626	1.1117	1.4992	1.9763
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.8331	1.5299	2.2083	1.7885
Ar-44	2.6051	2.0873	3.3132	2.0375
As-68	3.5393	2.9211	4.1609	3.1946
As-69	0.4987	0.3978	0.5747	0.4892
As-70	4.6411	3.8633	5.3404	4.2791
As-71	1.6599	1.2219	1.9481	1.3228
As-72	1.5312	1.2841	1.7730	1.3996
As-73	0.4790	0.3082	1.6355	1.1117
As-74	1.2620	0.9120	1.2721	0.8378
As-76	1.0322	0.8112	0.8876	0.6924
As-77	0.0479	0.0413	0.0441	0.0500
As-78	2.1142	1.6123	2.1173	1.6943
As-79	0.1010	0.0831	0.1060	0.0752
At-204	6.7062	5.2479	6.5388	4.7576
At-205	2.9468	2.1918	3.1690	2.4126
At-206	6.7336	5.3217	6.9975	5.1588
At-207	4.7525	3.6643	5.1711	4.0409
At-208	7.3242	5.5543	7.6774	5.6373
At-209	6.8842	5.4335	7.2485	5.7116
At-210	5.5563	4.4407	6.5566	6.5056
At-211	0.5749	0.3900	0.6953	0.5266
At-215	0.0008	0.0006	0.0009	0.0006

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0322	0.0226	0.0361	0.0270
At-217	0.0016	0.0013	0.0015	0.0017
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.3273	1.9634	2.1874	2.3449
Au-186	3.4416	2.7082	3.6477	2.4849
Au-187	2.6391	2.0381	3.2241	2.2658
Au-190	4.2330	3.3564	4.3819	3.6086
Au-191	3.4046	2.6226	3.7344	2.5942
Au-192	3.8876	3.0626	4.0551	3.0942
Au-193	1.9770	1.4857	2.3766	1.4779
Au-193m	1.5096	1.2896	1.6845	1.9643
Au-194	3.0734	2.3902	3.2117	2.3534
Au-195	1.5061	1.0939	2.2393	1.2696
Au-195m	1.5242	1.2931	1.6816	1.9369
Au-196	2.9060	2.2345	2.9938	2.0022
Au-196m	2.8574	2.0618	3.4887	2.3915
Au-198	1.6347	1.3040	1.9453	1.1753
Au-198m	4.8895	3.7392	6.3313	3.6560
Au-199	0.9844	0.6974	0.9710	0.7352
Au-200	0.5665	0.4422	0.5816	0.5380
Au-200m	7.6338	6.1917	7.1541	5.9508
Au-201	0.1535	0.1175	0.1789	0.1304
Au-202	0.3839	0.3163	0.4073	0.3312
Ba-124	1.7676	1.5003	1.8340	1.7608
Ba-126	2.3182	2.0140	2.3341	2.4267
Ba-127	0.9425	0.7868	1.0381	0.9130
Ba-128	0.9369	0.8509	0.9545	1.1535
Ba-129	1.0315	0.8962	1.0809	1.0782
Ba-129m	4.6238	3.8089	5.0131	3.9711
Ba-131	3.0292	2.5501	2.8597	2.5676
Ba-131m	1.1897	0.9421	1.7598	1.1628
Ba-133	3.1666	2.5906	3.0112	2.8279
Ba-133m	0.8249	0.7411	0.8913	1.0419
Ba-135m	0.7560	0.6919	0.7495	0.9331
Ba-137m	1.4168	1.0261	1.2849	0.8788
Ba-139	0.3982	0.2908	0.3368	0.2723
Ba-140	0.8778	0.7124	0.9018	0.7495
Ba-141	2.9511	2.3860	2.7627	2.2918
Ba-142	2.5722	2.1874	2.6025	2.5701

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1943	0.1648	0.1739	0.1297
Bi-197	3.3869	2.6702	3.9943	3.1443
Bi-200	7.5881	6.2601	8.2346	6.3421
Bi-201	3.4478	2.7114	4.1460	3.2072
Bi-202	6.7570	5.3974	7.4685	5.3859
Bi-203	4.3289	3.4409	5.2115	3.9063
Bi-204	6.6603	5.4335	7.6234	5.7157
Bi-205	3.2282	2.5184	3.8934	2.7824
Bi-206	7.9844	6.4599	8.6679	6.5193
Bi-207	3.9554	3.1127	4.1269	3.1377
Bi-208	2.0846	1.5735	2.9465	2.3898
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5277	1.2744	1.2500	1.5341
Bi-211	0.2434	0.1886	0.2258	0.1690
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2213	0.1774	0.3183	0.2562
Bi-213	0.5357	0.4324	0.5684	0.3871
Bi-214	2.0199	1.5790	2.2337	1.7280
Bi-215	1.0961	0.8733	0.9656	0.9888
Bi-216	2.5735	2.0653	2.3854	1.6637
Bk-245	2.5343	2.0003	3.6665	2.6653
Bk-246	2.7204	2.2465	3.7326	2.8607
Bk-247	1.4458	1.1121	1.7179	1.3728
Bk-248m	0.5192	0.4126	0.7721	0.5369
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5325	1.3982	1.9268	1.5267
Bk-251	1.2028	0.9126	1.6168	1.1234
Br-72	2.9478	2.4637	3.4123	2.8528
Br-73	1.6154	1.2857	1.7213	1.1575
Br-74	3.2109	2.4491	3.7549	2.6239
Br-74m	4.0248	3.0256	4.3347	3.1742
Br-75	2.1202	1.7579	1.8429	2.0439
Br-76	3.0439	2.4215	3.3639	2.6541
Br-76m	0.8135	0.7419	1.2765	1.4504
Br-77	1.4542	1.2237	1.7661	1.7316
Br-77m	0.3087	0.2546	0.7754	0.7000
Br-78	0.2288	0.1647	0.2329	0.1657
Br-80	0.1392	0.1000	0.1499	0.1101
Br-80m	0.6275	0.5895	1.1458	1.3774

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1449	0.1383	0.4743	0.5807
Br-82	5.1801	4.1416	5.2102	4.1769
Br-83	0.0238	0.0197	0.0195	0.0150
Br-84m	4.6882	3.8620	5.8478	4.3204
Br-84	1.6646	1.4064	2.0695	1.5155
Br-85	0.1112	0.0957	0.1282	0.1015
C-10	1.5279	1.1811	1.5020	1.1145
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0186	0.0104	0.0769	0.0497
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.3252	1.0286	1.3533	1.6555
Ca-49	1.4416	1.1575	2.2020	1.5430
Cd-101	2.8499	2.2781	3.9399	2.7670
Cd-102	2.6750	2.2486	2.7210	2.1725
Cd-103	2.3523	1.9424	2.8883	2.3834
Cd-104	1.7930	1.3884	1.8660	1.4965
Cd-105	1.6197	1.3448	1.8980	1.5968
Cd-107	0.8667	0.7545	1.0402	1.0055
Cd-109	0.8024	0.6988	0.9442	0.9321
Cd-111m	2.2290	1.9128	2.0196	2.5726
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0008	0.0007	0.0008	0.0010
Cd-115	0.7350	0.6194	0.6150	0.5118
Cd-115m	0.0519	0.0444	0.0573	0.0519
Cd-117	2.0855	1.7070	2.2500	2.1220
Cd-117m	2.4492	2.0427	2.7545	2.2511
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.4839	2.0290	2.6948	2.3088
Cd-119m	2.8449	2.3493	3.3427	2.7166
Ce-130	2.7300	2.2526	2.5357	2.3934
Ce-131	3.3133	2.6902	3.5707	2.9158
Ce-132	2.5162	2.0475	2.3941	1.9401
Ce-133	2.1088	1.7561	2.6309	2.0335
Ce-133m	4.8307	4.0366	4.9277	4.1260
Ce-134	0.7300	0.6731	0.7480	0.8396
Ce-135	3.5128	2.9733	3.1699	3.2001
Ce-137	0.8013	0.7273	0.9139	0.9552
Ce-137m	0.7460	0.6811	0.7197	0.8452
Ce-139	1.9381	1.5365	1.7566	1.6199

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.8715	0.6303	0.6574	0.5733
Ce-143	1.7734	1.5144	1.5077	1.5585
Ce-144	0.2661	0.1995	0.2046	0.1762
Ce-145	2.8774	2.4062	2.8055	2.4108
Cf-244	0.0605	0.0575	0.1137	0.1124
Cf-246	0.0418	0.0397	0.0783	0.0771
Cf-247	1.5148	1.1985	2.3514	1.7009
Cf-248	0.0505	0.0479	0.0941	0.0924
Cf-249	1.6010	1.2840	1.8991	1.3320
Cf-250	0.0544	0.0494	0.0890	0.0840
Cf-251	1.4232	1.1108	2.0094	1.3870
Cf-252	0.7860	0.6409	0.8820	0.7016
Cf-253	0.1450	0.1319	0.2674	0.2409
Cf-254	27.5048	22.2424	29.8781	23.2218
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6048	1.2455	1.6742	1.3215
Cl-36	0.0001	0.0001	0.0006	0.0004
Cl-38	1.0563	0.8731	1.5465	1.0214
Cl-39	2.1682	1.7854	2.4263	2.8361
Cl-40	2.8164	2.2064	4.0324	3.1053
Cm-238	1.1200	0.8567	1.9441	1.1692
Cm-239	2.6557	2.0191	3.6058	2.1162
Cm-240	0.0629	0.0612	0.1292	0.1338
Cm-241	3.1807	2.5863	4.3231	3.0128
Cm-242	0.0564	0.0549	0.1159	0.1201
Cm-243	1.3806	1.1250	2.2252	1.6388
Cm-244	0.0484	0.0471	0.0995	0.1032
Cm-245	1.4140	1.0958	2.5129	1.5605
Cm-246	0.0445	0.0424	0.0857	0.0872
Cm-247	1.3360	1.0633	1.6416	1.0167
Cm-248	2.1803	1.7691	2.4024	1.8874
Cm-249	0.0915	0.0622	0.1861	0.1209
Cm-250	21.6992	17.5492	23.6099	18.3282
Cm-251	0.4643	0.3745	0.4943	0.3545
Co-54m	4.5251	3.6420	5.4573	4.6528
Co-55	2.0601	1.7663	2.4115	1.9450
Co-56	3.8685	3.1924	4.6475	4.1799
Co-57	1.5188	1.0304	1.7681	1.1717
Co-58	1.6351	1.3736	1.9884	1.5911

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0747	0.0420	0.3082	0.1993
Co-60	2.9664	2.3419	3.2078	3.7617
Co-60m	0.1078	0.0672	0.3666	0.2363
Co-61	1.0926	0.8217	1.1682	0.5340
Co-62	1.7362	1.4213	1.8851	2.0279
Co-62m	3.0787	2.5368	3.3181	3.5192
Cr-48	2.9588	2.2399	3.0630	2.2052
Cr-49	1.3016	0.9120	1.5895	0.8622
Cr-51	0.2023	0.1501	0.2758	0.2164
Cr-55	0.0006	0.0005	0.0010	0.0007
Cr-56	1.6088	1.1117	1.7395	1.2275
Cs-121	1.1281	0.8998	1.0803	0.9511
Cs-121m	2.0897	1.7017	2.0743	1.5897
Cs-123	1.5772	1.2659	1.8346	1.4526
Cs-124	0.6418	0.5245	0.6399	0.5140
Cs-125	1.4312	1.1988	1.4662	1.2558
Cs-126	1.0920	0.8971	1.2533	0.8907
Cs-127	2.2357	1.8504	2.4393	1.9820
Cs-128	0.7877	0.6688	0.8350	0.6875
Cs-129	2.0003	1.7028	2.1708	1.9672
Cs-130m	1.4356	1.1609	1.4363	1.4054
Cs-130	0.4741	0.4224	0.5123	0.5513
Cs-131	0.6669	0.6063	0.7473	0.8580
Cs-132	2.2205	1.7324	2.1586	1.8086
Cs-134	3.5393	2.7814	3.3627	2.5438
Cs-134m	0.5023	0.4050	0.5831	0.5489
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0824	2.6265	3.3822	2.7745
Cs-136	4.4943	3.7721	4.6503	4.0697
Cs-137	2.1110	2.0994	2.1000	2.2564
Cs-138m	1.3039	1.0890	1.4689	1.2324
Cs-138	3.0294	2.4870	3.7024	2.9675
Cs-139	0.3016	0.2365	0.3481	0.3255
Cs-140	2.0613	1.6195	2.2695	1.6947
Cu-57	0.1546	0.1310	0.1731	0.1676
Cu-59	0.7791	0.6332	0.8150	0.7543
Cu-60	2.9485	2.3783	3.6692	3.2381
Cu-61	0.6045	0.4691	0.6679	0.5683
Cu-62	0.0112	0.0087	0.0190	0.0159
Cu-64	0.0514	0.0303	0.1924	0.1281

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1459	0.1313	0.1724	0.1419
Cu-67	1.0347	0.7635	1.2692	0.6482
Cu-69	0.9065	0.7807	1.0105	0.7986
Dy-148	2.3252	1.7792	2.0665	1.5610
Dy-149	3.5457	2.9660	4.1066	3.2825
Dy-150	1.5490	1.2715	1.7885	1.2264
Dy-151	3.5085	2.9076	3.7873	3.0266
Dy-152	2.3548	2.1186	2.0862	2.7953
Dy-153	4.0382	3.3932	4.1133	3.5982
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.8670	2.4608	2.8621	2.6348
Dy-157	2.4003	1.9750	1.8857	1.7949
Dy-159	0.9920	0.8755	0.9539	0.9061
Dy-165m	0.2160	0.1690	0.3546	0.2503
Dy-165	0.1978	0.1604	0.2337	0.1705
Dy-166	0.7626	0.6171	0.8390	0.6923
Dy-167	2.3206	1.9163	1.9475	1.9893
Dy-168	2.0599	1.6650	2.0196	1.3849
Er-154	1.0833	0.9338	1.2456	1.1784
Er-156	1.3036	1.1120	1.6230	1.4298
Er-159	2.7615	2.1886	2.7510	2.1689
Er-161	2.8729	2.4313	3.1086	2.6369
Er-163	0.8051	0.7022	0.8333	0.7730
Er-165	0.7744	0.6749	0.8070	0.7468
Er-167m	0.8244	0.6806	0.9288	0.5897
Er-169	0.0022	0.0012	0.0089	0.0058
Er-171	2.5058	2.0047	2.1789	2.0070
Er-172	2.2949	1.8083	2.4215	1.6679
Er-173	3.6474	2.9426	4.0454	2.5210
Es-249	2.4508	1.8980	3.0675	2.0903
Es-250	6.3120	5.1150	8.0607	6.2778
Es-250m	2.0304	1.6181	2.6435	1.9142
Es-251	1.4343	1.1093	2.0617	1.4710
Es-253	0.0177	0.0162	0.0330	0.0304
Es-254	0.5720	0.5170	1.1872	1.0679
Es-254m	1.3191	1.0024	1.3851	1.0327
Es-255	0.0011	0.0009	0.0012	0.0009
Es-256	0.0971	0.0881	0.1622	0.1508
Eu-142	0.3656	0.3032	0.4236	0.3346
Eu-142m	5.3769	4.5100	5.5688	4.3396

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6202	0.5273	0.7224	0.5805
Eu-144	0.2772	0.2339	0.3702	0.2623
Eu-145	2.6225	2.2510	2.8433	2.2029
Eu-146	4.9344	3.8858	4.9257	3.7788
Eu-147	2.4085	1.9942	2.2827	1.7296
Eu-148	6.0971	4.8406	5.6394	4.1970
Eu-149	1.0107	0.8863	0.9369	0.8792
Eu-150	5.6556	4.5989	5.1213	4.0610
Eu-150m	0.2170	0.1815	0.2010	0.1662
Eu-152	3.2274	2.6692	3.2282	2.8044
Eu-152m	0.8647	0.7402	0.8803	0.7215
Eu-152n	1.1863	0.8548	1.7662	0.9979
Eu-154	2.7678	2.2146	2.7654	2.4780
Eu-154m	1.2916	1.0122	1.8977	1.1465
Eu-155	0.9326	0.6938	1.2698	0.7288
Eu-156	1.7203	1.4046	1.8970	1.6491
Eu-157	1.8993	1.5595	2.0142	1.4248
Eu-158	2.2635	1.9238	2.5187	2.0774
Eu-159	1.9910	1.6173	1.9810	1.5402
F-17	0.0005	0.0005	0.0006	0.0005
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.4817	1.0508	1.3376	0.9428
Fe-53	0.6973	0.5500	0.7800	0.5044
Fe-53m	4.3323	3.5089	4.7785	4.1786
Fe-55	0.0617	0.0347	0.2554	0.1650
Fe-59	1.5651	1.2777	1.6739	1.8281
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1058	1.7572	2.2280	2.1336
Fe-62	1.9165	1.6431	1.5465	1.2427
Fm-251	1.4950	1.1264	1.9248	1.3356
Fm-252	0.0476	0.0441	0.0831	0.0781
Fm-253	1.0841	0.8720	1.5776	1.2362
Fm-254	0.0592	0.0536	0.0959	0.0883
Fm-255	0.4811	0.4418	0.9313	0.8519
Fm-256	20.4549	16.5417	22.1555	17.2826
Fm-257	1.5509	1.2296	2.0572	1.5659
Fr-212	2.9953	2.3350	3.4743	3.3329
Fr-219	0.0180	0.0141	0.0169	0.0128
Fr-220	0.1572	0.1163	0.2435	0.2076
Fr-221	0.2286	0.1861	0.2497	0.1930

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.2608	1.0250	1.6899	1.1294
Fr-223	0.7829	0.6604	0.9717	0.9482
Fr-224	1.5918	1.2755	1.8238	1.4568
Fr-227	2.4670	1.8554	3.1848	1.9678
Ga-64	2.1804	1.8507	2.8033	2.1447
Ga-65	1.4165	1.0345	1.8336	1.1012
Ga-66	1.4926	1.2385	2.0964	1.6097
Ga-67	1.4036	1.0203	2.2767	1.3609
Ga-68	0.0700	0.0563	0.1251	0.0972
Ga-70	0.0149	0.0125	0.0182	0.0138
Ga-72	3.3930	2.7959	3.9133	3.0672
Ga-73	1.9231	1.5358	2.0713	1.9747
Ga-74	3.8301	2.9979	4.0866	3.1051
Gd-142	1.4811	1.2248	1.4038	1.2437
Gd-143m	4.0082	3.3982	3.8413	3.8248
Gd-144	0.9507	0.7983	0.9442	0.8353
Gd-145m	1.5904	1.2416	1.6729	1.2690
Gd-145	2.2905	1.9513	2.8787	2.0869
Gd-146	3.7599	2.9821	3.6846	2.7995
Gd-147	4.7908	4.0487	4.8543	4.1020
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	3.2719	2.6610	2.7219	2.5122
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	1.1576	0.9948	1.1195	1.0430
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.9294	1.6113	2.4435	1.6476
Gd-159	0.4118	0.3445	0.4000	0.3276
Gd-162	1.7428	1.4131	1.9739	1.2719
Ge-66	2.3125	1.8428	2.7998	2.0789
Ge-67	1.6804	1.2411	1.6123	1.1999
Ge-68	0.1516	0.0859	0.6262	0.4081
Ge-69	1.2542	1.0149	1.6820	1.3989
Ge-71	0.1537	0.0871	0.6351	0.4140
Ge-75	0.2114	0.1859	0.1797	0.2406
Ge-77	3.6324	3.0096	3.5826	3.1281
Ge-78	1.6094	1.3926	1.2247	1.7373
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.6373	1.3094	1.3752	1.1766
Hf-169	2.7313	2.2921	2.6709	1.9634
Hf-170	3.0061	2.3290	3.2974	2.2590

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	1.9770	1.5628	2.5477	1.7757
Hf-173	3.6526	2.7858	3.3119	2.5642
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.4652	1.9821	2.4951	1.8579
Hf-177m	14.4315	11.6044	13.9139	11.2628
Hf-178m	11.2899	9.0873	11.4994	8.2152
Hf-179m	5.9333	4.7035	6.1553	4.4139
Hf-180m	5.6413	4.5832	5.7746	4.0560
Hf-181	2.8910	2.2901	2.6223	1.8944
Hf-182	1.6035	1.3693	1.3867	1.7332
Hf-182m	4.5594	3.6869	4.9214	3.4902
Hf-183	2.5272	2.0174	2.6309	1.8693
Hf-184	2.1247	1.5710	2.5434	1.7954
Hg-190	2.5968	1.8151	2.7376	1.8453
Hg-191m	5.3292	4.2692	5.7150	4.8604
Hg-192	2.7206	2.0847	3.0054	2.4354
Hg-193	2.8798	2.2296	3.4802	2.4285
Hg-193m	3.1156	2.4152	3.5622	2.4974
Hg-194	0.0880	0.0616	0.3406	0.2778
Hg-195	1.5414	1.1378	2.0198	1.3275
Hg-195m	1.6389	1.2841	2.2526	1.9357
Hg-197	1.3297	0.9308	1.7251	1.0966
Hg-197m	1.2574	0.8868	1.5108	1.1294
Hg-199m	1.8825	1.3268	2.0362	1.4694
Hg-203	1.4945	1.2585	1.2117	1.5434
Hg-205	0.0422	0.0331	0.0467	0.0240
Hg-206	0.6861	0.5360	0.5287	0.5204
Hg-207	4.0630	3.3509	5.0074	3.5194
Ho-150	2.2968	1.8936	2.3675	1.8802
Ho-153	2.5274	2.0883	2.2083	2.1967
Ho-153m	2.8533	2.3243	2.9423	2.3812
Ho-154m	7.1709	5.8702	6.8224	5.3433
Ho-154	3.5013	2.8401	3.2914	2.6864
Ho-155	2.2128	1.8565	2.2463	1.9566
Ho-156	4.4769	3.6646	4.3201	4.1738
Ho-157	3.3610	2.8144	3.2084	2.9109
Ho-159	3.5785	2.8993	3.3538	2.9251
Ho-160	4.5304	3.7641	4.8115	3.6932
Ho-161	1.2488	1.0626	1.4276	1.2813
Ho-162	1.1239	0.9479	1.1521	1.0594

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.3517	1.9446	2.4896	2.2216
Ho-163	0.0025	0.0014	0.0102	0.0066
Ho-164	0.6075	0.5207	0.6466	0.5698
Ho-164m	1.0198	0.8643	1.3117	1.1037
Ho-166	0.2278	0.1706	0.2788	0.2152
Ho-166m	5.2277	4.1871	5.2234	4.0322
Ho-167	1.9813	1.5854	1.7484	1.4431
Ho-168	2.0181	1.6351	2.1762	1.6902
Ho-168m	0.1646	0.1324	0.2823	0.2197
Ho-170	4.4970	3.8110	4.8458	4.2447
I-118m	6.5296	4.9838	6.0087	4.6832
I-118	2.2646	1.7263	2.1107	1.6180
I-119	2.0952	1.8510	1.9337	2.5607
I-120	2.7767	2.2123	3.0093	2.3100
I-120m	5.7987	4.4689	5.4229	4.1553
I-121	2.1740	1.8344	2.2956	1.8661
I-122	0.5346	0.4343	0.5147	0.4417
I-123	2.0334	1.5468	1.8660	1.8231
I-124	2.0298	1.5917	2.1262	1.7038
I-125	1.2951	1.1415	1.5020	1.6718
I-126	1.5465	1.2221	1.6623	1.2613
I-128	0.2961	0.2473	0.3103	0.2332
I-129	0.7147	0.6502	0.7684	0.8762
I-130m	0.4780	0.4007	0.4835	0.4265
I-130	5.4370	4.2755	5.0793	3.7366
I-131	1.8779	1.8336	1.9028	1.9923
I-132	4.6007	3.6121	4.5451	3.4844
I-132m	1.1991	0.9373	1.2886	1.0046
I-133	1.8804	1.5596	1.5897	1.2653
I-134m	2.1773	1.9251	1.9855	2.5451
I-134	4.7230	3.9750	5.2044	4.0785
I-135	2.0179	1.6470	2.3326	2.1633
In-103	3.1779	2.5570	3.5001	2.5215
In-105	2.8147	2.2122	2.6976	2.3169
In-106	5.5441	4.5131	5.7178	4.2571
In-106m	2.4574	1.8396	2.6602	1.7612
In-107	2.5869	2.1357	2.8035	2.1381
In-108	7.0457	5.7739	7.4618	6.3616
In-108m	2.5480	1.9455	2.8713	1.9509
In-109	2.4961	2.0281	2.7037	1.8971

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.4354	1.0126	1.2775	0.8290
In-110	6.5275	5.3126	6.8670	5.2469
In-110m	1.9063	1.4109	1.8537	1.3379
In-111	3.4659	2.8694	3.2400	3.4913
In-111m	1.6532	1.3605	1.3784	1.0738
In-112	0.2931	0.2395	0.3164	0.2973
In-112m	0.6560	0.5255	0.7049	0.7129
In-113m	1.2504	0.9992	1.5136	1.0144
In-114	0.0061	0.0050	0.0065	0.0070
In-114m	0.6318	0.5126	0.6943	0.5595
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	1.0179	0.8205	0.9004	0.8437
In-116m	3.2700	2.6395	3.6385	3.5795
In-117	3.1179	2.3524	2.5191	2.0126
In-117m	0.7117	0.5478	0.5686	0.5697
In-118m	4.1208	3.3388	4.2646	4.2066
In-118	0.1027	0.0814	0.0992	0.1225
In-119	1.6889	1.3785	1.8074	1.4784
In-119m	0.1792	0.1488	0.1955	0.2002
In-121	1.6876	1.4914	1.9078	1.5401
In-121m	0.6023	0.5019	0.7040	0.5897
Ir-180	3.7727	2.9783	3.8078	3.0248
Ir-182	3.5295	2.8099	3.7125	3.0269
Ir-183	3.4909	2.7543	4.4144	2.8169
Ir-184	5.4856	4.4482	6.2002	4.8648
Ir-185	2.9572	2.3090	4.1241	2.6178
Ir-186	5.2999	4.1515	5.5933	4.1107
Ir-186m	2.9963	2.3379	3.4166	2.3107
Ir-187	2.0502	1.5894	2.7186	1.5410
Ir-188	3.7349	2.9091	4.4116	2.9260
Ir-189	1.2752	0.9762	1.8515	1.0660
Ir-190	6.2386	4.8860	6.4424	4.0538
Ir-190m	0.0851	0.0505	0.3474	0.2380
Ir-190n	1.0545	0.7997	1.4706	0.7678
Ir-191m	1.2186	0.8705	1.6454	0.9920
Ir-192	3.7820	3.0369	2.8897	2.5982
Ir-192m	0.0971	0.0641	0.3827	0.2949
Ir-192n	0.2098	0.1398	0.8027	0.6190
Ir-193m	0.0896	0.0546	0.3486	0.2402
Ir-194	0.3329	0.2636	0.2619	0.2429

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	8.3031	6.5494	7.3064	5.4193
Ir-195	0.9909	0.7245	1.4838	0.8428
Ir-195m	2.1180	1.6419	2.3542	1.6221
Ir-196	0.6981	0.5626	0.6983	0.5300
Ir-196m	8.8448	6.9830	9.0887	6.0963
K-38	1.4533	1.2254	1.7975	1.3138
K-40	0.1520	0.1178	0.2324	0.1868
K-42	0.2589	0.2031	0.4337	0.2977
K-43	3.1032	2.3477	3.0263	1.9679
K-44	2.2501	1.8470	2.6791	2.3633
K-45	2.5526	1.9872	3.0667	2.1395
K-46	2.1971	1.6925	2.7134	2.5628
Kr-74	1.9766	1.5176	2.2670	1.6176
Kr-75	1.7853	1.2591	1.5288	1.2764
Kr-76	2.3847	1.9948	2.5239	2.6482
Kr-77	1.8951	1.3104	1.4167	1.1894
Kr-79	0.8601	0.7267	1.2110	1.2841
Kr-81	0.1713	0.1644	0.5686	0.7020
Kr-81m	1.0343	0.8185	1.1533	0.7031
Kr-83m	0.0750	0.0682	0.2586	0.2919
Kr-85	0.0082	0.0070	0.0067	0.0053
Kr-85m	1.3408	0.9488	1.0012	0.9331
Kr-87	1.2941	1.0356	1.6241	1.0900
Kr-88	2.0257	1.6553	2.5372	1.9100
Kr-89	2.6472	2.1587	3.0294	2.2961
La-128	5.1169	4.2687	4.8017	4.4462
La-129	1.9521	1.6456	1.9539	1.8649
La-130	3.6741	3.0142	3.7093	2.9297
La-131	2.4965	2.0881	2.7246	2.2716
La-132	3.4078	2.8660	3.5060	2.7591
La-132m	2.6995	2.1735	2.4618	2.1020
La-133	0.8957	0.8012	0.9910	1.0776
La-134	0.3786	0.3322	0.3940	0.4069
La-135	0.7454	0.6920	0.7894	0.9095
La-136	0.5103	0.4713	0.5460	0.6217
La-137	0.6863	0.6397	0.7345	0.8568
La-138	1.8321	1.5089	2.3160	2.0944
La-140	3.3384	2.7474	4.3652	2.9883
La-141	0.0278	0.0214	0.0339	0.0348
La-142	2.2808	1.7852	2.6844	1.9771

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3306	0.2635	0.3707	0.2930
Lu-165	3.3303	2.6580	3.6399	2.7178
Lu-167	3.7895	3.1203	4.4196	3.5472
Lu-169m	0.0622	0.0351	0.2573	0.1670
Lu-169	3.3999	2.7968	4.0377	3.0882
Lu-170	3.4716	2.8457	4.2915	3.5287
Lu-171m	0.0710	0.0413	0.2758	0.1788
Lu-171	2.8650	2.3094	3.3979	2.5507
Lu-172	4.8843	4.0607	5.6082	4.3851
Lu-172m	0.0560	0.0316	0.2314	0.1500
Lu-173	2.3457	1.9359	2.5997	2.1265
Lu-174	1.0750	0.8770	1.3059	1.0318
Lu-174m	1.1391	0.9149	1.6643	1.1447
Lu-176	3.2645	2.5998	3.1481	2.2124
Lu-176m	0.2551	0.1850	0.4189	0.2460
Lu-177	0.3284	0.2576	0.4053	0.2305
Lu-177m	7.2363	5.7625	7.7105	5.4345
Lu-178	0.3021	0.2285	0.4478	0.3295
Lu-178m	6.3786	5.0268	6.8997	4.5608
Lu-179	0.2049	0.1697	0.2113	0.1453
Lu-180	3.2618	2.6166	3.7702	3.1132
Lu-181	2.3531	1.8451	2.6403	1.8364
Mg-27	1.5660	1.3743	1.7889	1.4239
Mg-28	2.6587	2.2282	3.1264	2.8613
Mn-50m	5.0429	4.1069	5.7663	5.2066
Mn-51	0.0094	0.0073	0.0145	0.0113
Mn-52	4.5499	3.7346	5.5695	4.5447
Mn-52m	1.4314	1.1083	2.0364	1.7588
Mn-53	0.0502	0.0282	0.2080	0.1344
Mn-54	1.6114	1.3719	1.9452	1.5467
Mn-56	2.1686	1.8615	2.5937	1.9595
Mn-57	0.4903	0.3581	0.7104	0.5359
Mn-58m	3.4955	2.8688	3.9290	3.5286
Mo-101	2.6496	2.1477	2.8908	2.1605
Mo-102	0.1462	0.1134	0.1326	0.0999
Mo-89	0.3271	0.2632	0.3581	0.3154
Mo-90	3.2617	2.7455	3.2379	3.3843
Mo-91m	1.3991	1.0500	1.5576	1.2413
Mo-91	0.0318	0.0306	0.0558	0.0482
Mo-93	0.2876	0.3090	0.5182	0.5211

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	3.9612	3.1574	4.5418	3.9973
Mo-99	0.4624	0.3629	0.4466	0.3371
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.0313	0.6505	2.1156	1.0393
Na-22	1.4804	1.1225	1.4390	2.0224
Na-24	2.8921	2.2512	3.9073	3.5663
Nb-87	1.9745	1.5924	2.1562	1.2100
Nb-88m	5.6585	4.7230	6.2977	4.9800
Nb-88	6.8542	5.7812	7.1897	6.1614
Nb-89	0.5425	0.4597	0.7834	0.6436
Nb-89m	1.7365	1.4927	1.4971	1.2417
Nb-90	4.3340	3.4969	4.8610	4.3271
Nb-91	0.2611	0.2904	0.5415	0.5793
Nb-91m	0.2804	0.2900	0.4859	0.4889
Nb-92	3.5354	3.0464	3.7863	2.9976
Nb-92m	1.8440	1.7141	2.4155	2.0131
Nb-93m	0.0548	0.0571	0.1069	0.1023
Nb-94m	0.2044	0.2172	0.3654	0.3635
Nb-94	3.0472	2.4880	3.1988	2.4354
Nb-95	1.5485	1.2662	1.6197	1.2993
Nb-95m	0.6071	0.5717	0.7387	0.7902
Nb-96	5.0807	4.1987	5.1528	4.3114
Nb-97	1.5015	1.0702	1.3489	0.8803
Nb-98m	4.7653	3.8664	5.1974	4.1775
Nb-99	2.0471	1.4838	2.3252	1.4922
Nb-99m	1.0086	0.8216	1.2265	0.9480
Nd-134	2.5734	2.0683	2.3289	2.0314
Nd-135	3.1489	2.6515	3.1189	2.3562
Nd-136	2.1780	1.8262	2.3216	1.8652
Nd-137	2.8310	2.3774	2.6993	2.4016
Nd-138	0.8511	0.7670	0.7853	0.8103
Nd-139	0.9489	0.8267	0.9536	0.8726
Nd-139m	4.3047	3.5912	4.6257	3.6926
Nd-140	0.7525	0.6868	0.7066	0.7431
Nd-141	0.7798	0.7085	0.7331	0.7734
Nd-141m	1.4787	1.2020	1.5201	1.2156
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.1737	0.9547	1.2613	0.8971
Nd-149	2.2588	1.8344	2.1858	1.7445
Nd-151	2.6842	2.1325	2.7389	2.2681

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.0078	0.8826	0.8823	1.1548
Ne-19	0.0002	0.0002	0.0003	0.0002
Ne-24	1.9676	1.6662	1.8322	1.3502
Ni-56	5.1033	4.0428	5.1358	4.3748
Ni-57	1.7336	1.3200	2.2108	1.9854
Ni-59	0.0871	0.0489	0.3606	0.2330
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.6677	0.5389	0.8883	0.7330
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.2043	3.4658	5.5277	4.2423
Np-233	1.1739	0.9055	2.2968	1.3625
Np-234	2.2034	1.7523	3.8826	2.6567
Np-235	0.1906	0.1818	0.4770	0.4891
Np-236	2.1715	1.7340	3.8220	2.8476
Np-236m	0.6280	0.4888	1.2436	0.7628
Np-237	0.6691	0.5717	1.1796	1.0856
Np-238	1.1033	1.0142	1.4914	1.2437
Np-239	1.8969	1.5174	3.0778	2.1089
Np-240	3.3702	2.8146	4.2709	3.2904
Np-240m	0.9644	0.7978	1.0845	0.9158
Np-241	0.4570	0.3545	0.7917	0.4905
Np-242	0.3826	0.3157	0.4729	0.3850
Np-242m	2.7112	2.3283	3.4884	3.0521
O-14	1.4476	1.1798	1.8973	1.5038
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.2149	1.7332	2.5031	1.6389
Os-180	1.4278	1.1024	2.0124	1.1684
Os-181	4.3776	3.5785	5.2207	3.8911
Os-182	2.9144	2.3254	3.2142	2.1140
Os-183	4.0554	3.1441	5.0303	2.9254
Os-183m	2.3835	1.9597	2.9344	2.1871
Os-185	2.3766	1.7621	2.6255	1.5499
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0816	0.0477	0.3343	0.2254
Os-190m	6.3125	4.9400	6.0584	4.0619
Os-191	1.3332	0.9536	1.7466	1.0397
Os-191m	0.1890	0.1308	0.4677	0.2904
Os-193	0.5047	0.3819	0.5889	0.3852
Os-194	0.1268	0.0956	0.3290	0.2568
Os-196	0.5532	0.4226	0.5888	0.3748

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0011	0.0009	0.0014	0.0011
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3905	0.3127	0.7047	0.5214
Pa-228	4.1904	3.4545	5.8900	4.3785
Pa-229	0.9700	0.7377	1.8380	1.1850
Pa-230	2.3253	1.9294	3.4778	2.4849
Pa-231	0.5470	0.4836	1.0167	1.0479
Pa-232	2.4049	2.0641	2.9405	2.3275
Pa-233	1.6596	1.3333	2.2036	1.7505
Pa-234	4.3302	3.5736	5.6116	4.3231
Pa-234m	0.0356	0.0306	0.0504	0.0378
Pa-235	0.0294	0.0167	0.1215	0.0795
Pa-236	1.6464	1.2935	2.0484	1.5138
Pa-237	1.4139	1.1950	1.4962	1.1734
Pb-194	3.5868	2.7252	4.0429	2.8199
Pb-195m	5.3864	4.1983	6.3173	4.4026
Pb-196	3.2587	2.5493	3.3513	2.7179
Pb-197	3.6130	2.8009	4.2140	3.0944
Pb-197m	4.5858	3.5630	5.3166	3.7699
Pb-198	3.0151	2.2772	3.1202	2.4391
Pb-199	2.9413	2.2434	3.3612	2.4310
Pb-200	2.4097	1.7239	2.5788	1.9681
Pb-201	3.3686	2.5705	3.2997	2.5396
Pb-201m	1.2315	0.8450	1.2052	0.7827
Pb-202	0.0837	0.0555	0.3310	0.2561
Pb-202m	4.9226	4.0858	5.5311	3.9740
Pb-203	2.5819	2.0158	2.5228	2.3958
Pb-204m	4.5399	3.8626	5.1558	3.8216
Pb-205	0.0847	0.0562	0.3349	0.2592
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1363	0.1193	0.3661	0.3786
Pb-211	0.1864	0.1510	0.2141	0.1496
Pb-212	1.2482	1.0007	1.2589	1.2741
Pb-214	1.4577	1.1482	1.3719	1.2405
Pd-100	2.3172	1.7869	2.2019	1.6747
Pd-101	1.6941	1.4786	1.5914	1.6236
Pd-103	0.4581	0.4312	0.4873	0.4894
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.9956	0.7920	1.0140	0.5933

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.3053	0.2589	0.3710	0.3426
Pd-111	0.1123	0.0882	0.1141	0.0865
Pd-112	0.1504	0.1496	0.2122	0.2069
Pd-114	0.1969	0.1544	0.1653	0.1508
Pd-96	3.2638	2.5858	3.0444	2.4680
Pd-97	3.1364	2.6810	3.3511	3.1419
Pd-98	2.2262	1.7449	2.7294	1.7615
Pd-99	2.5320	1.9561	2.2937	1.9916
Pm-136	4.8410	3.9040	4.8681	3.6453
Pm-137m	4.8560	3.9649	4.8460	3.9516
Pm-139	0.8560	0.7167	0.9347	0.7071
Pm-140m	5.1690	4.3874	5.7759	4.4108
Pm-140	0.3391	0.2840	0.3430	0.3057
Pm-141	0.6524	0.5656	0.6587	0.6277
Pm-142	0.2438	0.2132	0.2672	0.2313
Pm-143	1.3643	1.1703	1.3038	1.1785
Pm-144	4.6673	3.6365	4.2069	3.1259
Pm-145	0.7954	0.7138	0.7373	0.7289
Pm-146	2.5909	2.1568	2.5436	1.9787
Pm-147	0.0001	0.0000	0.0001	0.0000
Pm-148	0.9272	0.7532	1.0508	0.8124
Pm-148m	5.3439	4.1831	4.8877	3.5067
Pm-149	0.0601	0.0509	0.0475	0.0586
Pm-150	2.8143	2.2675	2.7540	2.4850
Pm-151	1.8061	1.4550	1.7141	1.3742
Pm-152m	4.3294	3.5884	4.2431	4.1828
Pm-152	0.7519	0.6045	0.7584	0.5907
Pm-153	0.9394	0.7159	0.8809	0.6678
Pm-154	2.3891	1.9980	2.7140	2.2075
Pm-154m	4.0219	3.2362	4.3834	3.4719
Po-203	3.7977	3.0324	4.3946	3.4876
Po-204	4.8841	3.7810	5.5325	4.4819
Po-205	3.6937	2.9463	4.2868	3.3523
Po-206	4.3062	3.4400	4.6478	3.9127
Po-207	3.3614	2.6864	3.8477	2.9091
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0289	0.0227	0.0430	0.0364
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0183	0.0152	0.0181	0.0136
Po-212m	0.0722	0.0563	0.0828	0.0657

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0001	0.0001	0.0001
Po-214	0.0002	0.0001	0.0002	0.0001
Po-215	0.0007	0.0006	0.0008	0.0005
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.4985	5.2009	6.6197	4.8560
Pr-134m	3.0443	2.5071	3.5518	2.4164
Pr-135	1.9653	1.6531	1.7947	1.6935
Pr-136	3.5501	2.9418	3.3452	2.6549
Pr-137	0.7442	0.6661	0.7386	0.7484
Pr-138	0.2537	0.2262	0.2582	0.2579
Pr-138m	5.3986	4.6377	5.3652	4.8771
Pr-139	0.7120	0.6522	0.6989	0.7582
Pr-140	0.3791	0.3474	0.3737	0.4013
Pr-142	0.0511	0.0404	0.0945	0.0568
Pr-142m	0.0040	0.0022	0.0164	0.0106
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0347	0.0270	0.0385	0.0280
Pr-144m	0.3134	0.2803	0.3435	0.3342
Pr-145	0.0452	0.0372	0.0454	0.0370
Pr-146	1.7633	1.4400	2.0200	1.4971
Pr-147	2.3854	1.9488	2.1053	1.8784
Pr-148	2.1103	1.7197	1.8799	1.8750
Pr-148m	3.2539	2.6400	2.7680	2.5009
Pt-184	5.4462	4.1069	6.3698	3.8908
Pt-186	2.9514	2.2106	3.3579	2.0485
Pt-187	3.3802	2.5972	4.1797	2.5877
Pt-188	2.1993	1.6629	2.8196	1.4988
Pt-189	3.0749	2.3241	3.8053	2.2998
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.7275	2.0603	3.4045	1.9245
Pt-193	0.0885	0.0565	0.3538	0.2627
Pt-193m	0.2833	0.1976	0.6030	0.3963
Pt-195m	1.4001	1.0108	2.3067	1.3820
Pt-197	0.3884	0.2657	0.5416	0.3901
Pt-197m	0.9787	0.7262	1.4520	0.9840
Pt-199	0.8074	0.6522	0.7422	0.5688
Pt-200	0.7843	0.5678	0.9855	0.6969
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	0.8648	0.6676	1.7141	0.9969
Pu-234	0.9596	0.7455	1.9116	1.1384
Pu-235	1.2522	0.9866	2.4671	1.5343
Pu-236	0.0615	0.0610	0.1408	0.1512
Pu-237	0.8081	0.6491	1.6164	1.0703
Pu-238	0.0565	0.0561	0.1300	0.1397
Pu-239	0.0301	0.0273	0.0793	0.0748
Pu-240	0.0532	0.0528	0.1222	0.1314
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0457	0.0453	0.1048	0.1127
Pu-243	0.3948	0.2841	0.4911	0.3428
Pu-244	0.0698	0.0634	0.1216	0.1204
Pu-245	1.5817	1.2644	1.7574	1.2883
Pu-246	1.6469	1.3479	2.2424	1.6410
Ra-219	1.0245	0.7849	0.8609	0.7578
Ra-220	0.0186	0.0156	0.0178	0.0127
Ra-221	0.4789	0.3531	0.6820	0.5676
Ra-222	0.0473	0.0372	0.0336	0.0320
Ra-223	1.3416	0.9901	1.5965	1.2691
Ra-224	0.0719	0.0634	0.0705	0.0873
Ra-225	0.3693	0.3410	0.3979	0.4127
Ra-226	1.5721	1.5779	1.5750	1.7023
Ra-227	1.0858	0.9152	1.4960	1.4291
Ra-228	1.4014	1.3742	1.4012	1.4826
Ra-230	0.6741	0.5242	0.9099	0.6083
Rb-77	2.0527	1.6138	2.2056	1.4704
Rb-78m	3.9782	3.1979	4.3976	3.2460
Rb-78	3.0530	2.4696	3.6023	2.5915
Rb-79	2.4218	1.8425	2.3044	1.8863
Rb-80	0.4462	0.3179	0.3883	0.2601
Rb-81	0.8822	0.7681	1.1278	1.1188
Rb-81m	0.2276	0.2277	0.4854	0.6798
Rb-82	0.2596	0.2164	0.2943	0.2576
Rb-82m	5.3302	4.3331	5.7108	4.8676
Rb-83	1.8458	1.5816	1.9083	1.8613
Rb-84	1.2102	1.0920	1.6155	1.5394
Rb-84m	2.1190	1.8714	2.0910	2.3232
Rb-86m	1.7159	1.3696	1.4177	1.0444
Rb-86	0.1324	0.1162	0.1512	0.1380
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.5940	0.5071	0.7850	0.5455
Rb-89	2.5498	2.1290	2.8917	2.6942
Rb-90	1.4006	1.1602	1.7492	1.2775
Rb-90m	3.1781	2.6431	3.9232	3.1218
Re-178	3.0569	2.4918	3.9740	2.9186
Re-179	4.1006	3.3105	4.6590	3.2550
Re-180	3.1573	2.6118	4.2357	2.7633
Re-181	3.7927	2.9965	4.4592	2.8614
Re-182	7.1854	5.6877	8.2687	6.3625
Re-182m	3.5958	2.8196	4.4650	3.2197
Re-183	2.2794	1.7472	3.0363	1.8555
Re-184	2.8646	2.3478	3.6174	2.4312
Re-184m	2.3604	1.8667	3.1621	2.0646
Re-186	0.2771	0.1988	0.3015	0.1875
Re-186m	0.4988	0.3611	1.2110	0.7918
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3709	0.2655	0.3560	0.2610
Re-188m	1.2966	0.9700	2.1174	1.1023
Re-189	0.4174	0.3368	0.4684	0.3557
Re-190	4.6367	3.6611	4.6731	3.1540
Re-190m	3.7599	2.9301	3.9525	2.5434
Rh-100m	0.8083	0.7238	0.8307	0.7955
Rh-100	4.2185	3.5003	4.6193	3.7332
Rh-101	2.7112	2.1164	2.4579	1.5841
Rh-101m	1.8264	1.5405	1.4072	1.5297
Rh-102	1.3728	1.1796	1.3277	1.0728
Rh-102m	5.5428	4.5188	5.4627	4.2036
Rh-103m	0.0552	0.0497	0.0767	0.0682
Rh-104	0.0387	0.0312	0.0329	0.0254
Rh-104m	0.9671	0.8668	0.9760	0.9233
Rh-105	0.3971	0.3157	0.2511	0.2682
Rh-106	0.5978	0.4848	0.5084	0.3824
Rh-106m	6.1247	5.0390	6.2869	4.9281
Rh-107	1.5459	1.2512	1.1489	1.1981
Rh-108	1.0924	0.8731	1.1044	0.7248
Rh-109	1.6492	1.3256	1.3544	1.2426
Rh-94	3.5659	2.8706	4.2968	3.6277
Rh-95	2.4108	2.0410	2.9101	2.3919
Rh-95m	1.7290	1.4122	1.5380	1.1483
Rh-96	5.8756	4.6011	6.0664	4.6089

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.4067	1.2059	1.6702	1.3578
Rh-97	2.1798	1.8107	2.5020	1.7923
Rh-97m	3.1322	2.5919	3.6279	2.6532
Rh-98	1.7205	1.2542	1.6299	1.1141
Rh-99	2.6547	2.1906	2.7396	2.1030
Rh-99m	2.1679	1.7708	1.9675	1.7853
Rn-207	3.0746	2.3383	3.2215	2.3850
Rn-209	3.4130	2.6204	3.9260	2.8304
Rn-210	0.2347	0.1828	0.2604	0.2013
Rn-211	4.2614	3.2990	4.7795	3.8385
Rn-212	0.0008	0.0006	0.0007	0.0005
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0020	0.0014	0.0017	0.0011
Rn-219	0.3142	0.2609	0.3090	0.3096
Rn-220	1.9317	1.8900	1.9454	1.9545
Rn-222	0.0015	0.0012	0.0012	0.0010
Rn-223	1.3612	1.0391	1.7622	1.3278
Ru-103	1.8788	1.6029	1.5457	1.2243
Ru-105	2.1682	1.7287	2.0063	1.5960
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8648	0.7091	0.9131	0.6731
Ru-108	0.6164	0.4410	0.5302	0.4097
Ru-92	6.0362	5.1215	5.9678	5.6972
Ru-94	2.0132	1.7063	2.2065	1.7227
Ru-95	2.8103	2.3108	2.7093	2.4168
Ru-97	1.8708	1.6240	1.9603	1.5879
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.3457	1.0883	2.0805	1.4819
S-38	1.2524	1.0819	1.5699	1.0018
Sb-111	2.4860	1.9398	2.2736	1.8786
Sb-113	2.2336	1.8932	1.9948	1.6807
Sb-114	2.4412	1.9320	2.6417	2.8812
Sb-115	2.3806	2.0382	2.1415	1.8531
Sb-116	2.2182	1.7836	2.4623	2.7005
Sb-116m	6.3672	5.1828	7.1954	6.2756
Sb-117	1.9787	1.4663	1.8340	1.7542
Sb-118	0.2327	0.1927	0.2687	0.2938
Sb-118m	6.0523	5.2130	6.2037	7.3340

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.7625	0.6407	0.9555	0.9951
Sb-120	0.4017	0.3374	0.4854	0.5171
Sb-120m	6.1318	5.0094	7.2263	5.6017
Sb-122m	1.5597	1.2532	1.7789	1.3169
Sb-122	1.3134	1.0318	1.1022	0.8113
Sb-124	2.8621	2.1800	3.1269	2.0673
Sb-124m	1.2624	0.9707	1.1006	0.7712
Sb-124n	0.0138	0.0078	0.0571	0.0369
Sb-125	1.8922	1.5145	1.9168	1.4936
Sb-126	6.7018	5.1448	6.6721	4.6440
Sb-126m	4.0576	3.0822	4.1377	2.7163
Sb-127	1.9804	1.5944	1.8847	1.5007
Sb-128	7.4580	5.8786	6.8543	5.4520
Sb-128m	4.7596	3.8118	4.2973	3.6510
Sb-129	2.5730	2.1572	2.8340	2.1946
Sb-130m	5.3902	4.5248	5.8451	4.6411
Sb-130	7.7797	6.3944	7.8256	6.2643
Sb-131	3.1257	2.5836	3.4656	2.7413
Sb-133	3.2793	2.7092	3.9185	3.3512
Sc-42m	4.6328	3.6878	5.6732	4.7947
Sc-43	0.3661	0.2882	0.3970	0.2632
Sc-44	1.5269	1.2587	1.6155	1.8143
Sc-44m	1.4516	1.2749	1.1764	1.6847
Sc-46	3.0798	2.6659	3.4539	3.1141
Sc-47	0.9994	0.6847	0.7645	0.6503
Sc-48	4.6747	4.0146	5.3894	4.9406
Sc-49	0.0008	0.0007	0.0013	0.0008
Sc-50	4.5854	3.7853	5.5281	4.3552
Se-70	1.8133	1.4557	2.6064	2.0989
Se-71	1.5553	1.1855	1.4741	1.2815
Se-72	0.8124	0.6760	1.4277	1.2548
Se-73	2.5380	1.9600	2.8071	1.7849
Se-73m	0.2700	0.2130	0.3913	0.3263
Se-75	2.9071	2.2732	3.0039	2.9684
Se-77m	0.8562	0.6022	0.8992	0.7786
Se-79m	0.2552	0.1956	0.7339	0.6009
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0310	0.0261	0.0252	0.0285
Se-81m	0.3026	0.2323	0.8425	0.6481
Se-83m	1.5283	1.2932	1.7109	1.2780

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	5.3575	4.4073	5.4538	4.4354
Se-84	1.6897	1.3506	2.0253	1.2151
Si-31	0.0010	0.0008	0.0010	0.0014
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.5393	2.1168	2.1987	2.1832
Sm-140	1.5803	1.3322	1.4998	1.3707
Sm-141	2.3151	1.9115	2.6130	1.8939
Sm-141m	4.4589	3.7034	4.7655	3.3218
Sm-142	0.7518	0.6761	0.6655	0.6527
Sm-143	0.5016	0.4483	0.4635	0.4484
Sm-143m	1.4727	1.1947	1.5039	1.1973
Sm-145	1.5689	1.4000	1.4233	1.3056
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0005	0.0004	0.0016	0.0011
Sm-153	1.1061	0.9113	1.4284	0.9232
Sm-155	1.2447	0.9463	2.1111	1.0894
Sm-156	1.1505	0.8833	1.3036	0.8472
Sm-157	2.0239	1.6301	2.1183	1.2258
Sn-106	3.6630	3.0450	3.7985	3.4906
Sn-108	3.4894	2.8219	3.8129	3.2106
Sn-109	3.1895	2.6482	3.7873	3.2886
Sn-110	2.1600	1.8450	1.8774	2.3530
Sn-111	0.6285	0.5301	0.7568	0.7312
Sn-113	0.6300	0.5383	0.7460	0.7991
Sn-113m	0.4383	0.3671	0.5426	0.5667
Sn-117m	1.8735	1.3703	1.6968	1.6027
Sn-119m	0.4945	0.4127	0.6437	0.6539
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1593	0.1359	0.2063	0.2104
Sn-123	0.0097	0.0085	0.0110	0.0103
Sn-123m	1.3490	0.9443	1.0817	0.9318
Sn-125m	1.6148	1.2755	1.1981	1.0864
Sn-125	0.5126	0.4438	0.5690	0.4855
Sn-126	1.0209	0.7556	1.3172	0.8716
Sn-127m	1.8425	1.5689	1.6298	1.2879
Sn-127	3.2717	2.7541	3.5340	3.0316
Sn-128	3.6260	2.9741	3.5582	3.1298
Sn-129	1.9485	1.4388	1.8723	1.3737

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.8271	3.0820	3.9566	2.8601
Sn-130m	2.3263	1.8507	2.4611	1.9999
Sr-79	1.3652	1.1180	1.5749	1.3203
Sr-80	1.2722	1.0463	1.4219	1.4213
Sr-81	2.2103	1.6764	2.0131	1.6093
Sr-82	0.1786	0.2134	0.4901	0.7983
Sr-83	1.4465	1.2670	1.9917	2.0754
Sr-85	1.9910	1.7529	1.9642	1.9763
Sr-85m	1.5356	1.3183	1.4854	1.6311
Sr-87m	1.3581	1.0851	1.6593	1.0814
Sr-89	0.0001	0.0001	0.0002	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2554	1.0505	1.3621	1.0668
Sr-92	1.5098	1.1802	1.8871	1.8641
Sr-93	4.1005	3.2785	4.2505	3.4196
Sr-94	1.4954	1.1577	2.0438	1.7830
Ta-170	1.4644	1.1939	2.0848	1.3349
Ta-172	3.5706	2.9065	4.3639	3.2828
Ta-173	2.4586	1.9372	3.0733	2.0483
Ta-174	2.6334	2.1109	3.2891	2.1192
Ta-175	3.7056	2.9914	4.3660	3.1103
Ta-176	3.6912	2.9595	4.7436	3.5481
Ta-177	1.0983	0.8812	1.4380	0.8866
Ta-178	1.1327	0.9064	1.5355	0.9704
Ta-178m	7.5743	5.9905	8.2728	5.4841
Ta-179	0.5112	0.4081	0.7481	0.4736
Ta-180	0.9097	0.7292	1.2437	0.7603
Ta-182	3.1935	2.5037	3.7527	3.0805
Ta-182m	2.9687	2.2089	3.4069	2.1796
Ta-183	2.8815	2.2854	3.5651	2.6240
Ta-184	5.7013	4.7110	6.3637	5.0248
Ta-185	1.5508	1.1656	1.8967	1.1618
Ta-186	5.3727	4.2671	5.3070	3.6447
Tb-146	3.1460	2.5857	4.6391	3.2937
Tb-147m	2.0402	1.6594	2.5238	2.2640
Tb-147	3.7770	3.0308	3.7538	3.4680
Tb-148m	7.1002	5.7226	7.5289	5.4833
Tb-148	3.0934	2.5845	3.3203	2.6735
Tb-149m	2.9587	2.4352	2.9878	2.4446
Tb-149	3.4622	2.8115	3.5194	2.7894

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	7.3435	5.7364	6.7404	4.8792
Tb-150	3.4750	2.7489	3.6449	2.7394
Tb-151	4.5744	3.7885	4.5151	3.8524
Tb-151m	0.5880	0.4770	0.8841	0.6950
Tb-152m	4.0633	3.3852	3.6922	3.4958
Tb-152	3.1529	2.5976	3.0870	2.6547
Tb-153	2.5136	2.0959	2.5902	2.0237
Tb-154	3.5318	2.9053	3.7184	3.2120
Tb-155	2.3963	1.9229	2.6652	1.9645
Tb-156	5.3989	4.4538	5.4537	4.5303
Tb-156m	0.7040	0.6285	0.6235	0.6787
Tb-156n	0.1124	0.0836	0.2393	0.1691
Tb-157	0.1416	0.1146	0.2406	0.1867
Tb-158	2.4698	2.1240	2.7005	2.1541
Tb-160	2.5204	2.1166	2.6694	2.3493
Tb-161	0.7945	0.6506	0.9312	0.8234
Tb-162	3.3973	2.9269	3.3869	3.4373
Tb-163	3.2420	2.6270	3.0628	2.2953
Tb-164	5.6068	4.4318	5.6265	4.5625
Tb-165	1.2586	1.0063	1.4549	1.3203
Tc-101	1.6848	1.3556	1.1283	1.2303
Tc-102m	4.1324	3.3524	4.3636	3.2861
Tc-102	0.2037	0.1694	0.1960	0.1508
Tc-104	3.8171	3.0816	4.1116	3.0840
Tc-105	2.6855	2.1069	2.5953	2.0716
Tc-91	1.3506	1.1004	1.8690	1.4047
Tc-91m	1.2131	1.0338	1.0875	0.8966
Tc-92	5.8244	4.5560	6.2509	5.0350
Tc-93	1.7590	1.4366	2.4472	2.2911
Tc-93m	1.5137	1.2362	1.9414	1.3567
Tc-94	5.1608	4.3611	5.7048	4.5140
Tc-94m	1.8906	1.6553	2.2787	1.8146
Tc-95	1.8990	1.6316	2.1584	1.8382
Tc-95m	2.4578	2.0747	2.6832	1.8899
Tc-96	5.0680	4.3582	5.6494	4.7673
Tc-96m	0.2647	0.2508	0.3399	0.3290
Tc-97	0.3219	0.3327	0.4928	0.4942
Tc-97m	0.2778	0.2758	0.3756	0.3701
Tc-98	3.0697	2.3087	2.9254	2.0896
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.3279	0.9095	0.9500	0.7589
Te-113	1.6933	1.3965	1.9622	1.7018
Te-114	2.8346	2.3321	3.2503	2.8291
Te-115	2.5834	2.0713	2.8270	2.6780
Te-115m	2.9713	2.4308	3.4106	2.9329
Te-116	1.5504	1.2537	2.0878	1.7325
Te-117	2.2187	1.8082	2.5603	2.0854
Te-118	0.6265	0.5389	0.7513	0.8155
Te-119	2.1573	1.6274	2.1564	1.7296
Te-119m	3.7681	3.0109	3.6433	3.9463
Te-121	2.3727	1.9225	2.2030	1.8751
Te-121m	1.7220	1.4511	1.8682	1.4638
Te-123	0.0130	0.0076	0.0508	0.0334
Te-123m	1.6612	1.2178	1.4652	1.3759
Te-125m	1.0817	0.9517	1.2680	1.3982
Te-127	0.0215	0.0174	0.0243	0.0156
Te-127m	0.3387	0.2951	0.4187	0.4475
Te-129	0.3618	0.3064	0.4128	0.3718
Te-129m	0.3099	0.2633	0.3630	0.3700
Te-131	1.9076	1.4401	1.6517	1.3618
Te-131m	3.3300	2.7446	3.5589	3.0042
Te-132	2.1911	1.9182	2.2284	2.3269
Te-133	2.6749	2.1666	2.5617	2.1828
Te-133m	3.8353	3.2042	4.1436	3.2900
Te-134	3.4263	2.7537	3.2966	2.5762
Th-223	1.0114	0.7432	1.6134	1.1093
Th-224	0.1918	0.1456	0.2158	0.1500
Th-226	0.1119	0.0912	0.1977	0.1624
Th-227	1.1463	0.9868	1.5669	1.6172
Th-228	0.0662	0.0584	0.1431	0.1427
Th-229	1.3764	1.0692	2.4189	1.8578
Th-230	1.5700	1.4494	1.4336	1.6252
Th-231	0.6119	0.5373	1.2076	1.2008
Th-232	1.3287	1.3371	1.3175	1.3840
Th-233	0.2595	0.2051	0.4273	0.3288
Th-234	0.1819	0.1465	0.3209	0.2226
Th-235	0.1620	0.1282	0.1844	0.1261
Th-236	0.2287	0.1779	0.3358	0.2327
Ti-44	2.3575	1.6053	2.0772	1.1076
Ti-45	0.0090	0.0062	0.0228	0.0156

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.6286	1.2958	1.0931	1.0801
Ti-52	1.5228	1.0558	1.2638	0.8790
Tl-190	2.3309	1.8081	2.6414	1.7090
Tl-190m	5.9898	4.6089	6.1277	4.2824
Tl-194	2.4194	1.8453	2.6796	1.7016
Tl-194m	7.5783	5.8110	8.0403	5.5404
Tl-195	2.9497	2.2853	3.5719	2.7353
Tl-196	3.8975	3.0286	4.6310	3.0635
Tl-197	2.2523	1.6567	2.5398	1.7257
Tl-198	4.2135	3.2577	5.0496	3.4818
Tl-198m	4.8818	3.7057	5.0668	3.6520
Tl-199	2.1325	1.6034	2.3878	1.6634
Tl-200	3.8813	2.9696	4.1952	3.2259
Tl-201	1.4991	1.0509	1.8187	1.1707
Tl-202	2.6718	2.0660	2.9876	1.9147
Tl-204	0.0229	0.0160	0.0297	0.0189
Tl-206m	7.9227	6.5761	7.8952	6.6888
Tl-206	0.0012	0.0008	0.0014	0.0010
Tl-207	0.0042	0.0037	0.0048	0.0038
Tl-208	3.7351	2.9394	4.0668	3.2444
Tl-209	4.6029	3.5786	5.8661	3.6989
Tl-210	4.8945	4.0367	5.1693	4.8645
Tm-161	4.4009	3.6272	4.9231	3.9306
Tm-162	2.6116	2.1521	3.2527	2.5874
Tm-163	3.9599	3.2613	4.5039	3.8463
Tm-164	1.0040	0.8336	1.2026	0.9905
Tm-165	3.1928	2.7195	3.1361	3.0421
Tm-166	3.9617	3.2080	4.2719	3.5795
Tm-167	1.7048	1.4362	1.9109	1.4514
Tm-168	4.5292	3.6869	4.8835	3.4699
Tm-170	0.0743	0.0547	0.1045	0.0697
Tm-171	0.0121	0.0100	0.0153	0.0110
Tm-172	0.7603	0.5941	1.0345	0.7946
Tm-173	1.6639	1.3251	2.0535	1.2278
Tm-174	6.2664	5.1995	6.3194	5.3145
Tm-175	2.9364	2.4713	2.9048	2.2444
Tm-176	4.2953	3.4911	4.7528	3.7470
U-227	1.1307	0.9277	1.6442	1.4092
U-228	0.0879	0.0775	0.1788	0.1627
U-230	0.0708	0.0674	0.1590	0.1671

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.5016	1.2302	2.9673	2.3364
U-232	0.0593	0.0587	0.1462	0.1572
U-233	0.0313	0.0305	0.0783	0.0839
U-234	0.8260	0.7822	0.7699	0.6882
U-235	1.6419	1.6031	1.5660	1.7539
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0473	0.0474	0.1200	0.1304
U-237	1.8275	1.4799	2.9730	1.9102
U-238	1.1757	1.1678	1.2043	1.2224
U-239	0.7516	0.5379	0.7169	0.5037
U-240	0.2089	0.1899	0.4460	0.4177
U-242	0.2990	0.2333	0.3076	0.1979
V-47	0.0105	0.0082	0.0165	0.0125
V-48	3.1725	2.6791	3.7052	3.5222
V-49	0.0340	0.0191	0.1409	0.0911
V-50	1.4383	1.1378	2.4541	1.6098
V-52	1.4353	1.1109	2.0455	1.7778
V-53	1.5693	1.4200	1.8730	1.4999
W-177	4.8219	3.7739	5.8260	3.7246
W-178	0.3401	0.2603	0.5896	0.3616
W-179	1.1496	0.9236	1.6522	1.0922
W-179m	0.8312	0.6571	1.1191	0.6649
W-181	0.7897	0.6258	1.0963	0.6472
W-185m	0.4864	0.3345	1.0280	0.6483
W-185	0.0008	0.0006	0.0009	0.0005
W-187	1.7123	1.3165	1.6735	1.0920
W-188	0.0140	0.0115	0.0141	0.0126
W-190	2.1142	1.5639	2.4813	1.4701
Xe-120	2.5173	2.0766	2.6755	2.4313
Xe-121	2.0991	1.7335	2.2840	2.0822
Xe-122	0.9367	0.8083	1.0195	1.0651
Xe-123	2.0380	1.6083	1.9484	1.7979
Xe-125	2.4175	2.0558	2.5092	2.3576
Xe-127	2.5066	2.0493	2.6493	1.9425
Xe-127m	2.0240	1.5046	1.7440	1.4185
Xe-129m	1.2866	1.1610	1.4162	1.5601
Xe-131m	0.5300	0.4742	0.5991	0.6696
Xe-133	0.9409	0.7283	0.8944	0.8227
Xe-133m	0.6638	0.5983	0.7243	0.8241
Xe-135	1.5502	1.4105	1.3725	2.0682

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.5984	1.3427	1.3380	1.0889
Xe-137	0.6152	0.5128	0.6222	0.4385
Xe-138	1.9562	1.6541	2.1930	1.9009
Y-81	1.6126	1.1802	1.6908	1.3111
Y-83	1.0553	0.9470	1.3021	1.3420
Y-83m	1.4083	1.2520	1.3984	1.6647
Y-84m	5.0377	4.3032	5.7187	4.6127
Y-85	1.3924	1.2202	1.3034	1.1541
Y-85m	1.2201	1.0463	1.4446	1.3727
Y-86	5.0420	4.1764	5.6390	4.7815
Y-86m	1.4358	1.1823	1.5387	0.8822
Y-87	1.9009	1.6857	1.9940	1.8670
Y-87m	1.3072	1.0481	1.5229	1.0319
Y-88	3.0871	2.7322	4.2381	3.3160
Y-89m	1.5462	1.3762	1.8018	1.4028
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	3.1432	2.6181	3.0917	1.8627
Y-91	0.0039	0.0031	0.0039	0.0050
Y-91m	1.6705	1.3372	1.3908	1.0316
Y-92	0.4174	0.3576	0.4792	0.3791
Y-93	0.2059	0.1794	0.2011	0.2223
Y-94	1.2182	1.0608	1.4069	1.1056
Y-95	0.9009	0.7513	1.1613	0.8683
Yb-162	2.3154	1.7796	2.3602	1.7973
Yb-163	1.6648	1.3759	1.9931	1.5540
Yb-164	0.8660	0.7390	0.9699	0.8312
Yb-165	2.3101	1.8282	2.7165	2.1549
Yb-166	1.6317	1.3553	1.8105	1.5138
Yb-167	3.6326	2.8711	4.5873	3.1774
Yb-169	4.2575	3.4506	4.7739	3.3016
Yb-175	0.2284	0.1823	0.2592	0.1851
Yb-177	0.7406	0.5620	0.7027	0.5921
Yb-178	0.1763	0.1395	0.1953	0.1299
Yb-179	3.0088	2.2792	2.6958	1.8330
Zn-60	1.6982	1.2942	1.6104	1.1279
Zn-61	0.7248	0.5996	0.8484	0.6292
Zn-62	1.5016	1.2004	1.6495	1.2605
Zn-63	0.2658	0.2120	0.3100	0.2241
Zn-65	0.8860	0.7215	1.3233	1.1647
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.6556	1.3580	1.7793	1.1655
Zn-71	0.9315	0.7838	0.8557	0.6575
Zn-71m	5.0241	3.9847	4.8339	3.3122
Zn-72	1.6424	1.1258	1.8516	1.3143
Zr-85	1.5159	1.2548	1.6468	1.2055
Zr-86	2.2323	2.0966	2.6259	3.3903
Zr-87	0.1495	0.1352	0.2116	0.2437
Zr-88	1.8036	1.5061	2.4501	1.8059
Zr-89	1.7388	1.5919	2.2326	1.9270
Zr-89m	1.5718	1.1939	1.4097	0.9849
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5187	1.2068	1.5391	1.1900
Zr-97	1.8216	1.4636	1.8433	1.4700

Table 28: Concrete Infinite Contamination Thickness for 10x10x10 ft and 50x50x10 ft rooms

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ac-223	0.1993	0.1753	0.3387	0.0523	0.2378	0.1943	0.2548	0.3339
Ac-224	1.8132	1.7575	2.3158	0.4825	2.4645	2.1167	2.5613	3.2078
Ac-225	0.2881	0.2553	0.4397	0.0720	0.3420	0.2772	0.3366	0.4523
Ac-226	0.8462	0.8213	1.0205	0.2355	1.1765	1.0340	1.2157	1.5897
Ac-227	0.0607	0.0473	0.1334	0.0154	0.0601	0.0454	0.0588	0.0882
Ac-228	1.3130	1.3372	1.5649	0.4037	2.0429	1.8164	2.5266	2.9468
Ac-230	0.5951	0.6077	0.7232	0.1868	0.8948	0.8291	1.1323	1.2448
Ac-231	1.7814	1.7826	2.0461	0.4905	2.6610	2.3743	3.3396	3.7734
Ac-232	1.0401	1.0310	1.1812	0.3204	1.5126	1.4200	1.9616	2.0034
Ac-233	0.8100	0.8522	0.9600	0.2571	1.3329	1.2534	1.8191	2.2312
Ag-100m	1.6992	1.6682	1.6621	0.5277	2.6544	2.4813	3.4443	3.5498
Ag-101	1.4105	1.3838	1.4284	0.3892	2.0907	1.9685	2.5788	2.7576
Ag-102m	1.0898	1.1006	1.1337	0.3315	1.6771	1.6074	2.2013	2.1720
Ag-102	2.4653	2.4969	2.4948	0.7757	3.9523	3.6987	5.0848	5.4621
Ag-103	1.3456	1.3572	1.4191	0.3837	2.0304	1.8580	2.2090	2.4834
Ag-104	3.0164	3.0243	3.0261	0.9090	4.8161	4.4040	5.8838	6.6029
Ag-104m	1.2450	1.2472	1.2560	0.3509	1.9482	1.8429	2.5108	2.7162
Ag-105	1.5683	1.5344	1.5602	0.3812	2.3899	2.1694	3.0465	3.1473
Ag-105m	0.0201	0.0144	0.0590	0.0061	0.0192	0.0133	0.0229	0.0329
Ag-106	0.3240	0.3112	0.3167	0.0679	0.4685	0.4381	0.5106	0.5731
Ag-106m	3.5211	3.6443	3.6680	1.0929	5.7408	5.3368	7.2801	8.2593
Ag-108	0.0342	0.0314	0.0317	0.0076	0.0494	0.0461	0.0592	0.0618
Ag-108m	2.7652	2.7053	2.7539	0.7697	4.2648	3.9748	5.3872	5.9721
Ag-109m	0.2803	0.2192	0.2552	0.0366	0.3213	0.2970	0.2712	0.2775
Ag-110	0.0440	0.0403	0.0400	0.0115	0.0664	0.0612	0.0857	0.0910
Ag-110m	2.8265	2.8149	2.7928	0.8995	4.6021	4.1784	5.8211	6.4171
Ag-111	0.0653	0.0691	0.0700	0.0202	0.1106	0.1022	0.1708	0.1760
Ag-111m	0.1569	0.1206	0.1592	0.0212	0.1775	0.1630	0.1512	0.1640
Ag-112	0.6710	0.6498	0.6474	0.1970	1.0461	0.9872	1.4031	1.4374
Ag-113m	0.4908	0.5000	0.5356	0.1463	0.8010	0.7327	1.1661	1.2273
Ag-113	0.1557	0.1579	0.1589	0.0452	0.2537	0.2316	0.3750	0.3823
Ag-114	0.2655	0.2714	0.2713	0.0821	0.4300	0.4078	0.5842	0.6418
Ag-115	0.5953	0.6023	0.6209	0.1754	0.9050	0.8660	1.1434	1.2793
Ag-116	1.5644	1.6300	1.6565	0.4903	2.5673	2.4440	3.3896	3.5969
Ag-117	1.0961	1.1543	1.1952	0.3743	1.7536	1.6573	2.3288	2.3912
Ag-99	1.7516	1.7495	1.7887	0.5293	2.6568	2.4961	3.2746	3.5015
Al-26	0.9977	1.0630	1.0708	0.3723	1.5151	1.5278	2.1705	1.9247
Al-28	0.9715	1.0391	1.0415	0.3682	1.4854	1.5001	2.1111	1.8813
Al-29	0.7466	0.8172	0.8187	0.2800	1.3372	1.2486	1.8007	1.6439

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Am-237	1.9044	1.9014	2.3418	0.5094	2.7429	2.4221	3.1080	3.4806
Am-238	1.8479	1.8860	2.2318	0.5327	2.8217	2.4703	3.2303	3.6912
Am-239	2.2188	2.1703	2.8844	0.5598	3.0564	2.6292	3.1235	3.6252
Am-240	2.0124	2.0676	2.5146	0.5817	3.1018	2.6853	3.5508	4.1794
Am-241	0.5494	0.5464	0.5802	0.5762	0.7588	0.7626	0.7466	0.7753
Am-242	0.3436	0.3226	0.4755	0.0760	0.4387	0.3727	0.4084	0.4776
Am-242m	0.2384	0.2090	0.3770	0.0484	0.2737	0.2293	0.2419	0.3026
Am-243	0.7686	0.7502	0.9784	0.2063	1.0587	0.7969	1.0928	1.1811
Am-244	1.8801	1.7930	2.2895	0.5028	2.6833	2.3276	2.8034	3.3243
Am-244m	0.1299	0.1195	0.1857	0.0275	0.1624	0.1394	0.1518	0.1796
Am-245	0.2407	0.2363	0.3018	0.0630	0.3268	0.2934	0.3337	0.3825
Am-246	2.5532	2.4063	3.1171	0.6314	3.5472	3.1140	3.6586	4.4742
Am-246m	1.0939	1.1380	1.2741	0.3499	1.7923	1.5901	2.1834	2.4952
Am-247	0.8348	0.8350	1.0265	0.2236	1.1936	1.0600	1.3210	1.4779
Ar-37	0.0210	0.0140	0.0707	0.0068	0.0176	0.0107	0.0200	0.0330
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.7187	0.7969	0.7903	0.2820	1.3077	1.2173	1.7597	1.6312
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	1.0265	1.0949	1.0999	0.3548	1.7486	1.6286	2.3089	2.4097
Ar-44	1.5919	1.6909	1.7198	0.5607	2.5387	2.4191	3.2390	3.5772
As-68	2.0366	2.1331	2.1352	0.6898	3.4275	3.1653	4.5503	4.8243
As-69	0.3200	0.3154	0.4299	0.1009	0.4625	0.4203	0.5487	0.6448
As-70	2.6184	2.7772	2.8550	0.9107	4.4366	4.0935	5.9682	6.3969
As-71	1.0896	1.0399	1.8356	0.3656	1.5971	1.3247	1.7571	2.5709
As-72	0.9103	0.8915	1.0220	0.2968	1.4399	1.2639	1.6874	1.9636
As-73	0.8281	0.5840	2.5759	0.2555	0.7662	0.4738	0.8405	1.3135
As-74	0.8096	0.7306	1.0647	0.2252	1.1629	1.0534	1.5510	1.7625
As-76	0.5182	0.5267	0.5248	0.1573	0.8473	0.7968	1.1527	1.3001
As-77	0.0295	0.0290	0.0318	0.0081	0.0415	0.0396	0.0477	0.0580
As-78	1.2083	1.1993	1.1957	0.3737	1.9383	1.8072	2.5720	2.6711
As-79	0.0468	0.0518	0.0527	0.0166	0.0821	0.0769	0.1164	0.1333
At-204	3.7068	3.7256	4.2100	1.1380	5.7516	5.2254	7.4572	8.5952
At-205	2.0178	1.9445	2.4711	0.6012	2.8856	2.4759	3.4542	3.8271
At-206	3.7945	3.8583	4.3638	1.1930	5.9040	5.3535	7.5699	8.6822
At-207	3.0925	3.0341	3.6678	0.9439	4.5694	4.0002	5.5912	6.1372
At-208	4.7182	4.5651	5.2854	1.3962	7.0833	6.2346	8.5886	9.7623
At-209	4.3395	4.2216	5.0754	1.2969	6.3793	5.5406	7.3898	8.7028
At-210	3.7044	3.7372	4.4594	1.1938	5.5011	4.9978	6.7133	7.1369
At-211	0.5174	0.4770	0.7539	0.1436	0.6380	0.4981	0.6803	0.7695
At-215	0.0004	0.0004	0.0005	0.0001	0.0006	0.0006	0.0009	0.0010

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
At-216	0.0253	0.0239	0.0351	0.0072	0.0329	0.0261	0.0360	0.0407
At-217	0.0011	0.0010	0.0013	0.0003	0.0015	0.0013	0.0017	0.0019
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	1.4341	1.4132	1.5487	0.3964	2.0651	1.9514	2.5780	2.9297
Au-186	2.0668	2.0510	2.4876	0.6049	3.1887	2.7119	3.8229	4.6819
Au-187	1.7970	1.7397	2.5330	0.5524	2.6237	2.1113	3.1064	3.5992
Au-190	2.6195	2.5896	3.1144	0.7649	4.0199	3.4758	5.3184	5.4345
Au-191	2.1851	2.1141	2.9960	0.6468	3.2009	2.5709	3.8021	4.5789
Au-192	2.3845	2.3870	2.9139	0.7268	3.7261	3.1738	5.0501	5.1841
Au-193	1.4320	1.3458	2.1116	0.4066	2.0037	1.4511	2.1325	2.7024
Au-193m	1.2010	1.0893	1.6879	0.3249	1.5107	1.3266	1.6934	2.0391
Au-194	1.8682	1.8718	2.3981	0.5784	2.9272	2.4066	3.9190	4.1995
Au-195	1.2658	1.1401	2.1334	0.3552	1.6715	1.1299	1.7291	2.2105
Au-195m	1.2011	1.0920	1.6880	0.3260	1.5267	1.3305	1.7440	2.0781
Au-196	1.6293	1.6664	2.1826	0.5109	2.6092	2.1326	3.6039	3.9920
Au-196m	2.2017	2.0275	3.5893	0.6687	2.9631	2.2525	3.1053	4.2789
Au-198	0.7001	0.8238	0.8844	0.2739	1.2367	1.2188	1.8333	2.1381
Au-198m	3.3285	3.2057	4.4365	0.8878	4.7833	3.9474	5.1887	6.8101
Au-199	0.6365	0.6327	0.8844	0.2227	0.9655	0.7649	0.9808	1.4020
Au-200	0.2676	0.2987	0.3103	0.0989	0.4791	0.4458	0.7012	0.7203
Au-200m	4.0982	4.1725	4.5694	1.2644	6.4408	5.8971	8.1936	9.7436
Au-201	0.1047	0.0971	0.1671	0.0316	0.1446	0.1218	0.1777	0.2236
Au-202	0.1769	0.1993	0.2058	0.0654	0.3140	0.2948	0.4356	0.4948
Ba-124	1.1563	1.0879	1.2214	0.2586	1.7162	1.4521	1.7323	2.2123
Ba-126	1.5014	1.4156	1.5460	0.3401	2.1964	1.9363	2.3631	2.8755
Ba-127	0.6446	0.5960	0.6852	0.1329	0.9297	0.7709	0.8699	1.1285
Ba-128	0.7222	0.6232	0.7333	0.1105	0.9715	0.7976	0.8584	1.0973
Ba-129	0.7427	0.6620	0.7835	0.1319	1.0227	0.8576	0.9241	1.2307
Ba-129m	2.6715	2.6756	2.9384	0.7534	4.2162	3.7658	4.9110	6.0453
Ba-131	1.7147	1.6783	1.8610	0.4109	2.5673	2.2736	2.7710	3.5470
Ba-131m	0.7857	0.7683	0.9713	0.1812	1.1595	0.9351	1.0797	1.2898
Ba-133	1.9764	1.8925	2.1680	0.4526	2.9433	2.4946	3.4555	3.8770
Ba-133m	0.6404	0.5676	0.8189	0.1203	0.8700	0.6976	0.8230	1.0389
Ba-135m	0.5585	0.5047	0.6103	0.0960	0.7805	0.6334	0.7039	0.8837
Ba-137m	0.8849	0.8084	0.8130	0.2286	1.3352	1.2147	1.6907	1.8224
Ba-139	0.2169	0.2284	0.2484	0.0778	0.3684	0.3034	0.3590	0.5323
Ba-140	0.5280	0.4989	0.7246	0.1466	0.7714	0.6777	0.9331	1.1832
Ba-141	1.5952	1.6390	1.6797	0.4711	2.5984	2.3704	3.3898	3.8998
Ba-142	1.4478	1.5066	1.5850	0.4462	2.3584	2.1176	2.9190	3.2953

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0779	0.0893	0.0905	0.0277	0.1378	0.1331	0.1947	0.2416
Bi-197	2.2235	2.2200	2.8327	0.7130	3.3619	2.8569	4.0857	4.5912
Bi-200	4.1379	4.3953	5.1398	1.3705	6.6197	5.9698	8.6539	10.1969
Bi-201	2.2854	2.2907	2.8812	0.7413	3.4439	2.9461	4.1711	4.6235
Bi-202	3.9123	4.0332	4.6498	1.2707	6.2406	5.5345	8.0703	9.2274
Bi-203	2.8748	2.8691	3.4875	0.9333	4.2938	3.7466	5.2231	5.6878
Bi-204	3.9388	4.0789	4.7614	1.3030	6.3169	5.5245	8.0958	9.2085
Bi-205	2.2322	2.1987	2.7896	0.7053	3.2636	2.8413	4.0499	4.3976
Bi-206	4.7154	4.7635	5.5377	1.5190	7.3323	6.4128	8.9933	10.3976
Bi-207	2.3991	2.4147	2.9515	0.7453	3.7109	3.2214	4.7377	5.4089
Bi-208	1.5918	1.4821	2.0317	0.3947	2.2348	2.0187	2.5763	2.3088
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	0.9439	0.9210	1.0451	0.2617	1.3745	1.2497	1.8226	1.9273
Bi-211	0.1219	0.1304	0.1488	0.0400	0.2064	0.1832	0.3160	0.3315
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.1819	0.1629	0.2746	0.0542	0.2445	0.2075	0.2830	0.3396
Bi-213	0.2491	0.2781	0.3113	0.0886	0.4155	0.3937	0.5804	0.6866
Bi-214	1.1843	1.2091	1.2197	0.3872	1.9088	1.8020	2.5752	2.6123
Bi-215	0.6719	0.6667	0.7817	0.1963	1.0073	0.8884	1.3478	1.4189
Bi-216	1.1978	1.2802	1.3264	0.3899	1.9942	1.9002	2.7758	3.2727
Bk-245	1.8018	1.8032	2.2817	0.4847	2.5098	2.2251	2.5548	2.9175
Bk-246	1.9322	1.8977	2.3789	0.5403	2.8078	2.4350	2.9273	3.4156
Bk-247	0.9941	0.9897	1.1828	0.2731	1.3858	1.2089	1.5297	1.6283
Bk-248m	0.4010	0.3916	0.5282	0.0998	0.5488	0.4805	0.5516	0.6384
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	0.8939	0.9808	1.0658	0.2994	1.5774	1.4004	2.0586	2.4105
Bk-251	0.8669	0.8633	1.1865	0.2378	1.1979	1.0499	1.1606	1.4145
Br-72	1.6200	1.7064	1.7805	0.5635	2.7283	2.4884	3.4920	3.8315
Br-73	0.9208	0.9364	1.0603	0.2856	1.4849	1.2162	1.8168	2.1355
Br-74	2.0615	1.9667	2.0644	0.5883	3.0764	2.8452	3.7832	3.8191
Br-74m	2.5038	2.3985	2.4810	0.7359	3.8328	3.5490	4.9005	5.0224
Br-75	1.2401	1.2323	1.4398	0.3659	1.8807	1.7221	2.5944	2.8121
Br-76	1.8370	1.8148	2.1110	0.5632	2.8026	2.6149	3.6910	3.9232
Br-76m	0.9671	0.8571	1.4452	0.2145	1.2566	0.8867	1.1552	1.4479
Br-77	1.1373	1.0274	1.6883	0.3162	1.4658	1.2923	1.7398	2.2506
Br-77m	0.4786	0.3983	0.7334	0.1181	0.5233	0.4098	0.5072	0.7259
Br-78	0.1607	0.1432	0.1900	0.0425	0.2256	0.2040	0.2941	0.3323
Br-80	0.1040	0.0911	0.1291	0.0274	0.1423	0.1269	0.1818	0.2083
Br-80m	0.9296	0.7626	1.3750	0.1979	1.0659	0.7952	0.9343	1.3041

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Br-82m	0.3963	0.3039	0.6473	0.0928	0.3816	0.2879	0.3560	0.5734
Br-82	2.8382	2.8455	2.8328	0.9020	4.6213	4.2182	5.8439	6.5330
Br-83	0.0105	0.0112	0.0114	0.0033	0.0177	0.0168	0.0243	0.0296
Br-84m	2.4023	2.6610	2.6779	0.9139	4.1675	3.9414	5.5925	6.1549
Br-84	0.9950	1.0218	1.0303	0.3317	1.5989	1.4684	1.9996	2.0808
Br-85	0.0621	0.0644	0.0643	0.0213	0.1040	0.0928	0.1263	0.1457
C-10	0.9102	0.8554	0.8520	0.2657	1.4072	1.2626	1.6934	1.8910
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0375	0.0250	0.1263	0.0121	0.0314	0.0191	0.0357	0.0588
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.6497	0.7142	0.7097	0.2491	1.1650	1.0825	1.5494	1.5036
Ca-49	0.9555	0.9229	0.9110	0.2876	1.3475	1.1998	1.5400	1.2065
Cd-101	1.8042	1.8234	1.8580	0.5348	2.7898	2.5787	3.4061	3.4202
Cd-102	1.4526	1.4499	1.4849	0.3858	2.2273	2.1000	2.7171	3.1663
Cd-103	1.5658	1.5109	1.5438	0.4267	2.3087	2.2111	2.8024	2.7661
Cd-104	1.3592	1.1822	1.2913	0.2666	1.7483	1.5562	1.7517	1.8060
Cd-105	1.0909	1.0355	1.0544	0.2820	1.5896	1.5149	1.9409	1.9296
Cd-107	0.8153	0.6275	0.6806	0.0944	0.9274	0.8714	0.7596	0.7714
Cd-109	0.7613	0.5829	0.6396	0.0872	0.8596	0.8083	0.7005	0.7114
Cd-111m	1.5211	1.4063	1.5130	0.3824	2.0113	1.9251	2.0842	2.5341
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0006	0.0005	0.0006	0.0001	0.0007	0.0007	0.0007	0.0008
Cd-115	0.3404	0.3547	0.3576	0.1019	0.5527	0.5275	0.7367	0.9001
Cd-115m	0.0263	0.0290	0.0288	0.0096	0.0476	0.0429	0.0627	0.0704
Cd-117	1.1475	1.2077	1.2231	0.3855	1.8832	1.7706	2.5535	2.6486
Cd-117m	1.3908	1.4748	1.4858	0.4740	2.3018	2.1724	3.1562	3.1885
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	1.4018	1.4782	1.4951	0.4717	2.2963	2.1734	3.2128	3.1919
Cd-119m	1.6097	1.7133	1.7265	0.5546	2.6896	2.5317	3.6475	3.7077
Ce-130	1.5887	1.5801	1.8090	0.4002	2.4652	2.0761	2.5190	3.0565
Ce-131	1.8929	1.9172	2.1597	0.5642	2.9993	2.6858	3.5581	4.1539
Ce-132	1.5175	1.4948	1.6839	0.3722	2.3808	1.9817	2.3212	3.2233
Ce-133	1.4297	1.3728	1.6291	0.2866	2.1501	1.6816	1.9878	2.2744
Ce-133m	2.6409	2.7271	2.9360	0.7574	4.3048	3.7612	5.0489	5.7896
Ce-134	0.5379	0.4861	0.6190	0.0776	0.7917	0.5897	0.6144	0.7701
Ce-135	2.0933	2.0296	2.2064	0.5161	3.2014	2.8148	3.7234	4.2455
Ce-137	0.6185	0.5481	0.8402	0.1020	0.8767	0.6519	0.7138	0.9145
Ce-137m	0.5140	0.4792	0.6065	0.0949	0.7647	0.6036	0.6633	0.7530
Ce-139	1.1831	1.1728	1.3724	0.3233	1.8975	1.5044	1.7055	2.4203

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ce-141	0.4325	0.4680	0.5318	0.1602	0.7339	0.6045	0.6974	0.9397
Ce-143	1.0288	1.0203	1.1408	0.2419	1.6783	1.3727	1.9292	2.0076
Ce-144	0.1361	0.1433	0.1727	0.0417	0.2183	0.1789	0.2029	0.2412
Ce-145	1.6661	1.6419	1.8125	0.4273	2.7085	2.2445	2.9561	3.2702
Cf-244	0.0847	0.0755	0.1245	0.0162	0.0994	0.0848	0.0860	0.1033
Cf-246	0.0581	0.0518	0.0854	0.0111	0.0683	0.0583	0.0592	0.0709
Cf-247	1.2736	1.2257	1.8052	0.3160	1.6773	1.4537	1.6089	1.8946
Cf-248	0.0697	0.0621	0.1022	0.0134	0.0820	0.0700	0.0712	0.0851
Cf-249	0.8490	0.9234	1.0722	0.2779	1.3800	1.3017	1.9417	2.1499
Cf-250	0.0620	0.0566	0.0873	0.0130	0.0769	0.0667	0.0729	0.0851
Cf-251	1.0474	1.0370	1.3565	0.2769	1.4704	1.2750	1.4585	1.7920
Cf-252	0.4641	0.4760	0.5125	0.1434	0.7333	0.6748	0.9261	1.0092
Cf-253	0.1857	0.1598	0.2872	0.0346	0.2154	0.1862	0.1897	0.2261
Cf-254	15.1217	15.7843	16.0098	4.9061	24.6884	22.8800	32.1126	34.7518
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	0.9297	0.9783	1.0246	0.3313	1.4581	1.3590	1.8177	1.8294
Cl-36	0.0003	0.0002	0.0010	0.0001	0.0002	0.0002	0.0003	0.0005
Cl-38	0.7277	0.7598	0.7790	0.2496	1.1064	1.1168	1.5384	1.3242
Cl-39	1.2740	1.3344	1.3580	0.4403	2.0171	1.9445	2.5560	2.5542
Cl-40	1.7619	1.8099	1.8359	0.5879	2.7923	2.6629	3.5247	3.1766
Cm-238	0.8413	0.8463	1.0868	0.2215	1.1869	1.0161	1.1774	1.3397
Cm-239	1.7600	1.7802	2.1436	0.4826	2.6097	2.2596	2.6224	3.4597
Cm-240	0.0989	0.0878	0.1435	0.0195	0.1142	0.0967	0.0999	0.1260
Cm-241	2.0883	2.1208	2.7683	0.5865	3.0386	2.7122	3.4216	4.1397
Cm-242	0.0888	0.0788	0.1288	0.0175	0.1025	0.0868	0.0896	0.1131
Cm-243	1.1301	1.0861	1.5115	0.2827	1.5268	1.3235	1.5935	1.8728
Cm-244	0.0763	0.0677	0.1106	0.0151	0.0880	0.0746	0.0770	0.0972
Cm-245	1.1318	1.1200	1.4735	0.2939	1.5823	1.3410	1.5655	1.8537
Cm-246	0.0640	0.0573	0.0916	0.0130	0.0754	0.0643	0.0682	0.0849
Cm-247	0.5950	0.6939	0.7392	0.2272	1.0373	1.0227	1.5303	1.7489
Cm-248	1.2358	1.2809	1.3305	0.3936	1.9902	1.8391	2.5602	2.7816
Cm-249	0.0975	0.0756	0.2465	0.0298	0.1060	0.0816	0.1295	0.1752
Cm-250	11.9373	12.4639	12.6518	3.8743	19.4880	18.0616	25.3526	27.4226
Cm-251	0.2538	0.2634	0.3041	0.0757	0.3958	0.3648	0.4937	0.5825
Co-54m	2.2037	2.5209	2.5401	0.8714	3.9856	3.7930	5.5806	5.8860
Co-55	1.0772	1.1723	1.2635	0.3921	1.8883	1.7100	2.4841	2.8485
Co-56	2.2529	2.3061	2.6404	0.7720	3.6630	3.3122	4.6116	4.7864
Co-57	0.9230	0.9052	1.7211	0.3289	1.2193	1.0458	1.2631	1.6741
Co-58	1.0205	0.9613	1.3067	0.3342	1.5378	1.3111	1.6980	2.0778

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Co-58m	0.1507	0.1001	0.5060	0.0483	0.1260	0.0769	0.1432	0.2359
Co-60	1.4812	1.6576	1.6400	0.5788	2.7192	2.5156	3.6826	3.5989
Co-60m	0.1798	0.1256	0.5716	0.0569	0.1650	0.1014	0.1843	0.2898
Co-61	0.6835	0.6828	0.7888	0.1909	1.0769	0.7093	1.1104	1.3435
Co-62	0.9046	0.9944	0.9986	0.3256	1.6184	1.4983	2.1989	2.1661
Co-62m	1.6057	1.7791	1.7727	0.5988	2.8648	2.6549	3.9482	3.9219
Cr-48	1.5365	1.6112	1.8823	0.4764	2.5089	2.1942	3.4547	3.5652
Cr-49	0.7672	0.8072	0.9118	0.2513	1.2236	0.9576	1.2753	1.5100
Cr-51	0.1588	0.1350	0.3630	0.0497	0.2065	0.1623	0.3123	0.3570
Cr-55	0.0004	0.0004	0.0004	0.0002	0.0006	0.0006	0.0009	0.0008
Cr-56	1.2393	1.0818	1.4429	0.2888	1.5282	1.2814	1.5904	1.6790
Cs-121	0.6425	0.6448	0.6846	0.1907	1.0039	0.8964	1.1484	1.4290
Cs-121m	1.1915	1.1856	1.2580	0.3179	1.8550	1.6647	2.1087	2.7673
Cs-123	1.0118	0.9515	1.0215	0.2337	1.4922	1.2973	1.6637	1.8837
Cs-124	0.3293	0.3459	0.3559	0.1015	0.5525	0.5087	0.7926	0.8458
Cs-125	0.8566	0.8064	0.8663	0.1957	1.2645	1.1296	1.4189	1.7182
Cs-126	0.5460	0.5861	0.6180	0.1757	0.9061	0.8565	1.2342	1.4209
Cs-127	1.2756	1.2454	1.3647	0.3191	1.9112	1.7468	2.2311	2.7148
Cs-128	0.4307	0.4275	0.4598	0.1109	0.6629	0.6094	0.7984	0.9786
Cs-129	1.2859	1.1763	1.3044	0.2597	1.8481	1.6274	2.0297	2.4519
Cs-130m	1.0797	0.9700	1.2702	0.2091	1.4645	1.1403	1.3078	1.5992
Cs-130	0.3742	0.3072	0.3510	0.0524	0.4851	0.4081	0.4209	0.5541
Cs-131	0.5794	0.4552	0.5360	0.0652	0.7193	0.5893	0.5530	0.7627
Cs-132	1.5210	1.3261	1.3975	0.3212	2.1573	1.9100	2.4095	2.7589
Cs-134	1.9827	1.9141	1.9086	0.5906	3.1230	2.8340	3.8626	4.3808
Cs-134m	0.3855	0.3316	0.5832	0.0834	0.4895	0.3903	0.4248	0.5956
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	1.7531	1.7265	1.7319	0.5706	2.8234	2.4595	3.1508	3.7498
Cs-136	2.3818	2.5166	2.5473	0.8056	4.1105	3.6185	5.2369	5.9630
Cs-137	0.9124	0.9070	0.9758	0.9652	1.2510	1.2356	1.2630	1.3102
Cs-138m	0.7956	0.7782	0.8785	0.1999	1.2143	1.0726	1.3335	1.6509
Cs-138	1.6194	1.7752	1.7876	0.5879	2.7814	2.6514	3.7613	3.9097
Cs-139	0.1721	0.1803	0.1819	0.0591	0.2836	0.2699	0.3786	0.3554
Cs-140	1.2178	1.2225	1.2327	0.3737	1.9263	1.8258	2.5680	2.5641
Cu-57	0.0793	0.0880	0.0879	0.0290	0.1454	0.1311	0.1950	0.2093
Cu-59	0.3859	0.4198	0.4296	0.1401	0.6772	0.6239	0.9282	0.9863
Cu-60	1.7088	1.8212	1.8621	0.6306	2.8125	2.6671	3.7525	3.5874
Cu-61	0.4015	0.3726	0.5954	0.1197	0.5756	0.4982	0.7529	0.8470
Cu-62	0.0092	0.0081	0.0203	0.0031	0.0121	0.0098	0.0152	0.0185
Cu-64	0.0936	0.0638	0.3069	0.0304	0.0817	0.0519	0.0942	0.1491

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Cu-66	0.0738	0.0854	0.0839	0.0279	0.1420	0.1268	0.1963	0.2261
Cu-67	0.6299	0.6339	0.7861	0.1816	0.9678	0.8236	1.0225	1.4144
Cu-69	0.4733	0.5141	0.5090	0.1669	0.8416	0.7596	1.1119	1.2802
Dy-148	1.3705	1.3422	1.5637	0.3379	2.2653	1.8762	2.6843	2.7097
Dy-149	2.0579	2.1715	2.5215	0.6048	3.5265	2.9107	4.0141	4.0208
Dy-150	0.7302	0.8439	1.0266	0.2389	1.3453	1.1524	1.7026	1.8141
Dy-151	1.9034	2.0292	2.4434	0.5925	3.2966	2.7904	3.9907	4.3058
Dy-152	1.4934	1.4911	1.7970	0.3727	2.2487	1.9301	2.3972	2.4761
Dy-153	2.2799	2.4201	3.0140	0.6130	3.9349	3.1124	4.2866	4.3918
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	1.6770	1.7341	2.0606	0.4339	2.7658	2.2923	2.9806	3.3289
Dy-157	1.2022	1.2968	1.5414	0.3236	2.2335	1.7620	3.0200	2.8828
Dy-159	0.5700	0.6188	0.9148	0.1208	1.0826	0.7084	0.9885	0.8759
Dy-165m	0.1726	0.1563	0.3945	0.0495	0.2375	0.1673	0.2525	0.3028
Dy-165	0.1163	0.1237	0.1603	0.0297	0.2016	0.1501	0.2177	0.2190
Dy-166	0.4967	0.5128	0.8419	0.1226	0.8247	0.5543	0.8201	0.8208
Dy-167	1.2905	1.3033	1.4472	0.3600	2.0480	1.8175	2.6248	2.8358
Dy-168	1.0608	1.1247	1.3513	0.3044	1.7963	1.5295	2.1145	2.5929
Er-154	0.7908	0.7245	1.1528	0.1440	1.2034	0.8480	1.1061	1.1683
Er-156	0.9414	0.9059	1.7588	0.2144	1.4759	0.9876	1.3942	1.5351
Er-159	1.6303	1.6531	1.9802	0.4387	2.7054	2.2300	3.1703	3.3655
Er-161	1.6587	1.7207	2.1345	0.4751	2.8319	2.2414	3.1038	3.4276
Er-163	0.4798	0.5262	0.8028	0.1053	0.9043	0.5726	0.8549	0.8143
Er-165	0.4643	0.5076	0.7835	0.1021	0.8715	0.5511	0.8235	0.7864
Er-167m	0.5250	0.5151	0.7022	0.1182	0.7994	0.6639	0.8286	1.1445
Er-169	0.0043	0.0029	0.0146	0.0014	0.0037	0.0022	0.0042	0.0068
Er-171	1.3300	1.3978	1.6690	0.3805	2.2595	1.8599	3.0574	3.1100
Er-172	1.2277	1.3051	1.6003	0.3585	2.1014	1.7332	2.6104	2.8828
Er-173	2.0570	2.1365	2.5240	0.5725	3.3777	2.8062	3.6354	4.7088
Es-249	1.4760	1.5317	1.8841	0.4435	2.2156	2.0026	2.5339	2.9019
Es-250	4.5301	4.4154	5.7985	1.2003	6.3855	5.6303	6.7612	7.7874
Es-250m	1.3183	1.3554	1.6694	0.3876	1.9774	1.7552	2.1499	2.4773
Es-251	1.1226	1.1006	1.5716	0.2930	1.5083	1.3208	1.4468	1.7380
Es-253	0.0229	0.0202	0.0356	0.0046	0.0270	0.0230	0.0243	0.0294
Es-254	0.8125	0.6979	1.3858	0.1701	0.9238	0.7655	0.8367	1.0605
Es-254m	0.9375	0.8453	0.9903	0.2269	1.3234	1.2037	1.5538	1.7063
Es-255	0.0006	0.0006	0.0007	0.0002	0.0010	0.0009	0.0013	0.0014
Es-256	0.1176	0.0986	0.1594	0.0196	0.1349	0.1201	0.1162	0.1354
Eu-142	0.2187	0.2209	0.2364	0.0683	0.3555	0.3158	0.4139	0.4131
Eu-142m	2.8695	2.9681	3.1529	0.9327	4.8403	4.3375	6.1931	7.1630

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Eu-143	0.3568	0.3816	0.4369	0.1094	0.6218	0.5298	0.7178	0.6653
Eu-144	0.1722	0.1824	0.2065	0.0552	0.2908	0.2558	0.3349	0.3013
Eu-145	1.4947	1.5540	1.7428	0.4470	2.5671	2.1692	2.9396	2.9980
Eu-146	2.8928	2.8292	3.0052	0.8295	4.6724	4.1143	5.6092	5.8099
Eu-147	1.3030	1.3490	1.6242	0.3349	2.2503	1.8086	2.2805	2.4278
Eu-148	3.2320	3.2759	3.4610	0.9399	5.3633	4.8266	6.8463	7.4099
Eu-149	0.5918	0.5927	0.9106	0.1312	1.0261	0.7472	0.9709	0.8559
Eu-150	2.7216	2.9114	3.1200	0.8427	4.7840	4.2556	6.5254	6.8997
Eu-150m	0.1071	0.1159	0.1369	0.0305	0.1959	0.1618	0.2420	0.2349
Eu-152	1.6639	1.7913	2.0147	0.5284	2.9248	2.5055	3.4996	3.6106
Eu-152m	0.4565	0.4854	0.5571	0.1390	0.8093	0.6656	0.8973	0.9533
Eu-152n	0.8345	0.8213	1.2955	0.2317	1.2085	0.9286	1.2659	1.2905
Eu-154	1.4354	1.5323	1.6719	0.4850	2.4418	2.1567	2.9430	3.2024
Eu-154m	0.9239	0.8764	1.4806	0.2340	1.3699	0.9710	1.3398	1.5169
Eu-155	0.5787	0.6023	0.7754	0.1569	0.9150	0.7051	0.9385	0.9220
Eu-156	0.9902	1.0332	1.1229	0.3231	1.6384	1.4730	2.1033	2.1085
Eu-157	1.0225	1.0814	1.4357	0.2881	1.7801	1.3752	2.0509	2.1977
Eu-158	1.2611	1.3436	1.5024	0.4217	2.1796	1.8909	2.7354	3.0131
Eu-159	1.1641	1.2111	1.5398	0.2993	1.9991	1.4768	2.0226	2.0212
F-17	0.0003	0.0003	0.0003	0.0001	0.0005	0.0004	0.0006	0.0007
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	0.8193	0.8551	1.0559	0.3096	1.3596	1.1330	1.3763	2.1052
Fe-53	0.3074	0.3547	0.3771	0.1157	0.5494	0.5314	0.8579	0.9344
Fe-53m	2.3883	2.5061	2.4914	0.8129	4.1045	3.7570	5.4130	5.7384
Fe-55	0.1248	0.0829	0.4197	0.0401	0.1043	0.0635	0.1186	0.1955
Fe-59	0.7751	0.8733	0.8650	0.2958	1.4422	1.3147	1.9518	2.0335
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	1.0934	1.2068	1.2030	0.3939	1.9509	1.7852	2.7072	2.8398
Fe-62	0.7726	0.8667	0.8676	0.2606	1.3515	1.2908	1.8697	2.3534
Fm-251	1.0104	1.0004	1.4540	0.2891	1.3965	1.2338	1.4126	1.6968
Fm-252	0.0603	0.0528	0.0849	0.0108	0.0709	0.0620	0.0613	0.0711
Fm-253	0.9424	0.8852	1.3469	0.2225	1.2084	1.0664	1.1409	1.3538
Fm-254	0.0669	0.0597	0.0921	0.0129	0.0816	0.0719	0.0749	0.0859
Fm-255	0.6557	0.5751	1.0196	0.1284	0.7618	0.6530	0.6775	0.8253
Fm-256	11.2538	11.7324	11.8990	3.6430	18.3580	17.0074	23.8496	25.8477
Fm-257	1.1686	1.1354	1.5412	0.2982	1.5843	1.4014	1.5487	1.8655
Fr-212	2.0540	2.0244	2.5873	0.6090	2.9677	2.5988	3.4488	3.9013
Fr-219	0.0093	0.0099	0.0112	0.0030	0.0152	0.0137	0.0214	0.0240
Fr-220	0.1687	0.1506	0.2607	0.0451	0.2026	0.1596	0.2063	0.2608
Fr-221	0.1586	0.1518	0.1815	0.0386	0.2180	0.1972	0.2336	0.3128

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Fr-222	0.9613	0.9174	1.1756	0.2279	1.3203	1.1697	1.3690	1.8996
Fr-223	0.6618	0.6582	0.9258	0.1523	0.9738	0.7244	0.9610	1.0660
Fr-224	1.0179	1.0198	1.1885	0.3008	1.5101	1.3686	1.7146	2.0998
Fr-227	1.6147	1.6159	1.9479	0.4594	2.3940	2.0310	2.7835	3.1742
Ga-64	1.2736	1.3452	1.3661	0.4391	2.1214	1.9471	2.7329	2.8210
Ga-65	0.8360	0.8439	1.2628	0.2751	1.2630	1.0310	1.3537	1.6566
Ga-66	0.9674	0.9584	1.3057	0.3105	1.4936	1.3409	1.8742	1.9363
Ga-67	1.0738	0.9795	2.0221	0.3214	1.4274	1.1535	1.6853	2.0966
Ga-68	0.0584	0.0521	0.1340	0.0203	0.0780	0.0629	0.1012	0.1275
Ga-70	0.0086	0.0091	0.0125	0.0031	0.0147	0.0127	0.0187	0.0236
Ga-72	2.0216	2.0234	2.0621	0.6321	3.2384	2.9877	4.0300	4.2063
Ga-73	1.3114	1.2041	2.2765	0.3875	1.8568	1.5480	2.6291	2.8930
Ga-74	2.2414	2.2398	2.2775	0.6660	3.5408	3.3820	4.7395	4.7160
Gd-142	0.8115	0.8461	0.9560	0.2350	1.3800	1.1767	1.6150	1.6881
Gd-143m	2.3102	2.3573	2.6110	0.6678	3.7309	3.2813	4.4740	4.5813
Gd-144	0.5376	0.5579	0.6810	0.1368	0.9426	0.7687	1.0625	0.9487
Gd-145m	0.9900	0.9180	1.1485	0.2821	1.4953	1.3010	1.7776	1.9890
Gd-145	1.4296	1.5087	1.6584	0.4613	2.3376	2.1098	2.9199	2.6529
Gd-146	1.9571	2.1237	2.6862	0.5611	3.4945	2.6556	3.2744	3.3440
Gd-147	2.6120	2.7221	3.0171	0.7590	4.3600	3.8147	5.1937	5.7368
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	1.6909	1.7922	2.1083	0.5046	2.9849	2.4143	3.3825	3.5674
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.6972	0.7055	1.1049	0.1672	1.1935	0.8631	1.1013	1.0644
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	1.1145	1.1827	1.5347	0.2590	1.9853	1.4478	1.8585	1.6560
Gd-159	0.2106	0.2327	0.2926	0.0571	0.3914	0.3003	0.4645	0.4598
Gd-162	0.7587	0.8725	1.0029	0.2841	1.3270	1.2817	1.9270	2.2523
Ge-66	1.4221	1.3912	2.3459	0.4338	2.1352	1.7946	2.6391	3.0834
Ge-67	0.9179	0.9720	1.0844	0.3488	1.5519	1.3298	1.6798	2.3155
Ge-68	0.3080	0.2051	1.0275	0.0985	0.2580	0.1578	0.2924	0.4820
Ge-69	0.8236	0.7926	1.4295	0.2825	1.2383	1.0668	1.6250	1.9090
Ge-71	0.3124	0.2081	1.0422	0.0999	0.2617	0.1600	0.2966	0.4889
Ge-75	0.1324	0.1290	0.1367	0.0354	0.1858	0.1788	0.2272	0.2553
Ge-77	2.0540	2.0759	2.1658	0.5921	3.1584	2.9834	3.9772	4.7005
Ge-78	0.9533	0.9412	0.9770	0.2624	1.4049	1.3286	1.9044	1.9850
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	0.8766	0.9156	1.1494	0.2447	1.5499	1.1796	2.1241	2.1948
Hf-169	1.3312	1.4484	1.8332	0.4042	2.3093	1.8542	2.8101	3.3822
Hf-170	1.8014	1.8254	2.6473	0.5210	2.9248	2.1917	3.1966	3.8342

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Hf-172	1.4214	1.3420	2.4247	0.3572	2.1174	1.4133	2.0904	2.4855
Hf-173	1.9181	2.0426	2.6646	0.6001	3.1825	2.4762	3.6082	4.0986
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	1.3355	1.4165	1.8753	0.3851	2.3379	1.7774	3.0620	3.2611
Hf-177m	8.2152	8.3115	10.0660	2.3095	13.0274	11.0951	16.4928	18.9831
Hf-178m	6.0885	6.2555	7.4556	1.7735	9.6450	8.5741	12.4466	14.7074
Hf-179m	3.1848	3.3368	4.3771	1.0047	5.1787	4.3208	6.3059	7.6643
Hf-180m	2.9733	3.1117	3.7198	0.8679	4.8999	4.2026	6.3978	7.5008
Hf-181	1.3331	1.4539	1.8077	0.4654	2.2255	1.9448	2.8025	3.4727
Hf-182	0.9917	0.9762	1.1164	0.2790	1.4466	1.3044	1.7687	1.9577
Hf-182m	2.5411	2.6225	3.3581	0.7612	4.1399	3.3944	5.0199	5.9686
Hf-183	1.4255	1.4393	1.6545	0.4470	2.2619	1.8576	2.5932	3.0330
Hf-184	1.3959	1.3263	2.6609	0.4559	2.0206	1.5626	2.3498	2.9605
Hg-190	1.7560	1.6951	2.6887	0.5743	2.4811	1.8675	2.5586	3.3688
Hg-191m	3.4074	3.3282	4.3700	1.0196	4.9513	4.2952	6.0440	6.9452
Hg-192	1.9905	1.8623	2.8849	0.5687	2.7220	2.1184	3.0805	3.6828
Hg-193	1.9910	1.9217	2.8075	0.6051	2.8741	2.3021	3.3279	3.9933
Hg-193m	1.8847	1.8976	2.4971	0.6020	2.8898	2.4402	3.6130	4.1630
Hg-194	0.2013	0.1427	0.5314	0.0572	0.1790	0.1212	0.1867	0.3048
Hg-195	1.2629	1.1419	2.0258	0.3587	1.6704	1.1959	1.7771	2.2454
Hg-195m	1.4557	1.2752	2.4944	0.4077	1.7934	1.4061	1.9969	2.5323
Hg-197	1.1525	1.0329	1.9337	0.3273	1.4618	1.0172	1.5362	1.9102
Hg-197m	0.9792	0.8964	1.6944	0.3058	1.2515	0.9603	1.3227	1.7303
Hg-199m	1.2972	1.2619	1.9481	0.4387	1.8818	1.4454	2.0245	2.6662
Hg-203	0.9260	0.9049	1.0262	0.2563	1.3423	1.2223	1.7726	1.8731
Hg-205	0.0276	0.0265	0.0323	0.0064	0.0396	0.0344	0.0420	0.0609
Hg-206	0.3923	0.3901	0.4553	0.1125	0.6195	0.5304	0.9061	0.9232
Hg-207	2.3133	2.5155	2.6752	0.8299	3.9073	3.6118	5.5464	5.7566
Ho-150	1.3046	1.2841	1.3313	0.4002	2.1115	1.8320	2.4408	2.7944
Ho-153	1.3827	1.4382	1.6389	0.3878	2.3508	1.9537	2.9966	3.0548
Ho-153m	1.5541	1.6459	1.9593	0.4571	2.6256	2.1864	3.0471	3.3773
Ho-154m	3.2900	3.6424	3.8636	1.0998	5.8481	5.3093	8.2675	9.1136
Ho-154	1.7433	1.8812	1.9866	0.5614	3.0886	2.7339	4.4004	4.5806
Ho-155	1.2709	1.3331	1.7603	0.3412	2.1470	1.6963	2.3512	2.5189
Ho-156	2.5049	2.6247	2.9796	0.7826	4.0966	3.5823	4.8875	5.2016
Ho-157	1.8886	1.9989	2.5560	0.4987	3.2855	2.5288	3.6584	3.8282
Ho-159	1.9482	2.0912	2.7077	0.5379	3.3623	2.5691	3.4941	3.6937
Ho-160	2.5988	2.6728	3.1138	0.7532	4.4097	3.6393	5.1294	5.7121
Ho-161	0.8754	0.8148	1.2670	0.1682	1.3568	0.9699	1.2575	1.2746
Ho-162	0.6777	0.7228	1.1091	0.1627	1.2129	0.8191	1.1828	1.1161

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ho-162m	1.4020	1.4513	2.1046	0.3870	2.3748	1.8111	2.5763	2.8484
Ho-163	0.0050	0.0033	0.0168	0.0016	0.0042	0.0025	0.0048	0.0078
Ho-164	0.3711	0.3958	0.6245	0.0841	0.6708	0.4371	0.6340	0.6007
Ho-164m	0.7317	0.7185	1.4715	0.1754	1.1822	0.7529	1.1305	1.2041
Ho-166	0.1670	0.1632	0.3103	0.0470	0.2461	0.1721	0.2608	0.2761
Ho-166m	2.9989	2.9878	3.3902	0.8926	4.7613	4.1277	5.5480	6.6548
Ho-167	0.9777	1.0549	1.1961	0.2987	1.7161	1.4851	2.5245	2.6252
Ho-168	1.2000	1.1741	1.3667	0.3691	1.8884	1.6106	2.1407	2.4853
Ho-168m	0.1495	0.1325	0.3733	0.0402	0.2054	0.1285	0.2057	0.2442
Ho-170	2.5737	2.6937	3.1258	0.8120	4.2717	3.6487	5.0760	5.8846
I-118m	3.6457	3.5650	3.5511	1.0619	5.8407	5.3917	7.7616	8.4866
I-118	1.2741	1.2425	1.2397	0.3684	2.0133	1.8820	2.6880	2.8990
I-119	1.4543	1.3146	1.4009	0.3353	1.9161	1.8289	2.1455	2.4395
I-120	1.6315	1.5985	1.6235	0.4699	2.5111	2.3810	3.2302	3.4001
I-120m	3.2280	3.1595	3.1612	0.9270	5.0935	4.7777	6.7863	7.3801
I-121	1.5126	1.3144	1.4008	0.2730	2.0155	1.8595	2.0327	2.8183
I-122	0.3390	0.2980	0.3097	0.0738	0.4747	0.4398	0.5529	0.6511
I-123	1.3610	1.2096	1.3195	0.3530	1.9359	1.6535	1.7778	2.5626
I-124	1.3733	1.2090	1.2466	0.3148	1.9252	1.7949	2.2936	2.5323
I-125	1.2113	0.8562	0.9649	0.1208	1.3510	1.2032	1.0675	1.4244
I-126	0.9418	0.8656	0.9062	0.2321	1.3714	1.2810	1.6966	1.9465
I-128	0.1474	0.1506	0.1579	0.0427	0.2319	0.2224	0.3034	0.3704
I-129	0.5918	0.4760	0.5503	0.0687	0.7637	0.6183	0.5899	0.7719
I-130m	0.3042	0.2700	0.3405	0.0669	0.4218	0.3795	0.4784	0.6008
I-130	2.8570	2.8503	2.8528	0.8709	4.6002	4.2603	5.9953	6.8359
I-131	2.3237	2.3187	2.4560	2.4134	3.1766	3.2188	3.1881	3.3542
I-132	2.6283	2.5581	2.5490	0.7967	4.1733	3.7936	5.2321	5.8095
I-132m	0.8199	0.7244	0.8751	0.1928	1.1517	1.0157	1.2680	1.5116
I-133	0.8485	0.9056	0.9046	0.2725	1.4363	1.3542	1.9503	2.3430
I-134m	1.5217	1.3528	1.4592	0.3066	2.0601	1.8588	2.2371	2.5351
I-134	2.5749	2.6726	2.6714	0.8707	4.3283	3.8980	5.4145	6.2187
I-135	1.0828	1.1835	1.1800	0.4002	1.8788	1.7636	2.5474	2.5934
In-103	1.8525	1.8591	1.8866	0.5583	2.9398	2.6927	3.5462	4.1321
In-105	1.6220	1.5976	1.6558	0.4814	2.4451	2.2810	2.9053	3.2421
In-106	3.1300	3.1429	3.1229	0.9587	5.1343	4.6796	6.6532	7.5424
In-106m	1.5831	1.5054	1.5068	0.4502	2.3800	2.2525	3.1456	3.1251
In-107	1.6094	1.5322	1.5703	0.3985	2.3740	2.2390	2.8645	3.2805
In-108	4.2197	4.1553	4.1728	1.2458	6.6512	6.1368	8.4407	9.2299
In-108m	1.7122	1.5849	1.5948	0.4611	2.4732	2.3335	3.1108	3.1059
In-109	1.6768	1.5048	1.5607	0.3420	2.3300	2.1711	2.5313	3.2053

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
In-109m	0.9050	0.8147	0.8080	0.2305	1.3477	1.2477	1.7561	1.8626
In-110	3.9392	3.7739	3.7715	1.1123	6.1585	5.5960	7.6168	8.5954
In-110m	1.2629	1.1220	1.1285	0.3051	1.8177	1.6946	2.2583	2.3608
In-111	2.3508	2.1565	2.2932	0.5798	3.1995	2.9787	3.2180	4.1726
In-111m	0.7838	0.7996	0.8010	0.2289	1.2647	1.2033	1.6969	2.0440
In-112	0.2510	0.1888	0.1972	0.0344	0.2926	0.2805	0.2841	0.3090
In-112m	0.5672	0.4109	0.4428	0.0860	0.6421	0.6056	0.5557	0.7143
In-113m	0.6502	0.6619	0.6981	0.1956	1.0054	0.9967	1.3968	1.5905
In-114	0.0044	0.0037	0.0038	0.0008	0.0058	0.0055	0.0062	0.0065
In-114m	0.4921	0.3844	0.4216	0.0792	0.5998	0.5642	0.5786	0.7652
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.6163	0.5471	0.5575	0.1338	0.8933	0.8305	1.2540	1.2960
In-116m	1.6631	1.8429	1.8493	0.6269	2.9459	2.7572	4.0125	4.0855
In-117	1.5663	1.6237	1.6723	0.5467	2.6099	2.3265	3.0934	4.0256
In-117m	0.4336	0.3924	0.4051	0.1109	0.6453	0.5721	0.7993	0.9153
In-118m	2.1383	2.2967	2.2782	0.7489	3.7843	3.4518	5.0750	5.3876
In-118	0.0495	0.0547	0.0543	0.0185	0.0897	0.0827	0.1213	0.1209
In-119	1.0519	0.9597	1.0144	0.2981	1.5571	1.3815	1.7120	1.9902
In-119m	0.1263	0.1075	0.1266	0.0275	0.1721	0.1592	0.2070	0.2236
In-121	0.9268	0.9841	0.9789	0.3154	1.6074	1.4319	2.0507	2.4048
In-121m	0.4880	0.3720	0.3858	0.0711	0.6063	0.5050	0.5644	0.6890
Ir-180	2.2338	2.2016	2.7860	0.6865	3.4110	2.8900	4.1214	4.8254
Ir-182	2.1058	2.0979	2.7489	0.6567	3.1833	2.6864	3.7750	4.4577
Ir-183	2.3123	2.2510	3.2248	0.7012	3.4529	2.7246	4.0527	4.7835
Ir-184	3.2983	3.3136	4.2408	1.0318	5.0559	4.3105	6.1466	7.1292
Ir-185	2.1806	2.0482	3.4129	0.6511	3.0934	2.3334	3.4575	4.2086
Ir-186	3.0704	3.0882	3.9435	0.9731	4.8189	4.0300	6.0224	6.9153
Ir-186m	1.8607	1.8248	2.3698	0.5807	2.8731	2.3458	3.3810	3.9411
Ir-187	1.4321	1.3496	2.2622	0.4201	2.0972	1.4853	2.3208	2.9781
Ir-188	2.3930	2.3793	3.0670	0.7625	3.6710	3.0714	4.4656	4.9506
Ir-189	1.0242	0.9200	1.7645	0.2845	1.3967	0.9148	1.4318	1.9038
Ir-190	3.4149	3.4485	4.1743	1.0288	5.4303	4.6890	6.8619	8.3984
Ir-190m	0.1778	0.1201	0.5649	0.0555	0.1509	0.0945	0.1678	0.2763
Ir-190n	0.8036	0.7362	1.3278	0.2228	1.1398	0.7242	1.1488	1.5240
Ir-191m	0.9451	0.8539	1.7317	0.2890	1.2363	0.8610	1.2687	1.7198
Ir-192	1.8338	1.9211	2.0125	0.5573	3.1442	2.8092	4.8265	5.0747
Ir-192m	0.2156	0.1500	0.6072	0.0633	0.1884	0.1240	0.2009	0.3296
Ir-192n	0.4543	0.3181	1.2641	0.1331	0.4011	0.2645	0.4262	0.6966
Ir-193m	0.1806	0.1234	0.5597	0.0558	0.1562	0.0984	0.1723	0.2814
Ir-194	0.1661	0.1739	0.1787	0.0515	0.2887	0.2571	0.4518	0.4552

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ir-194m	4.0633	4.2288	4.4351	1.2697	6.8099	6.2563	9.8459	10.8768
Ir-195	0.8188	0.7418	1.3537	0.2278	1.0878	0.7526	1.1250	1.4380
Ir-195m	1.2939	1.2741	1.7657	0.3894	1.9467	1.6135	2.4435	2.8826
Ir-196	0.3432	0.3666	0.3821	0.1169	0.5889	0.5348	0.8374	0.9135
Ir-196m	4.3133	4.5890	5.0414	1.4272	7.1802	6.7064	10.1574	11.5776
K-38	1.0088	1.0184	1.0741	0.3010	1.4709	1.4905	2.0773	1.6789
K-40	0.0922	0.1008	0.1063	0.0375	0.1554	0.1505	0.2078	0.1972
K-42	0.1639	0.1808	0.1777	0.0675	0.2747	0.2709	0.3691	0.3493
K-43	1.5778	1.6319	1.6522	0.4941	2.6097	2.4761	3.7971	4.1288
K-44	1.2802	1.3604	1.3755	0.4380	2.1555	2.0209	2.8748	2.8054
K-45	1.5071	1.6008	1.6440	0.5363	2.4703	2.3017	3.0159	3.3966
K-46	1.2357	1.3046	1.3038	0.4571	2.0550	1.9176	2.5962	2.4347
Kr-74	1.3165	1.2807	1.6410	0.3664	1.8905	1.6012	2.1612	2.6516
Kr-75	0.9549	1.0077	1.2102	0.3632	1.4716	1.2895	1.5332	2.0284
Kr-76	1.6957	1.6222	2.1653	0.4659	2.4263	2.0949	3.1250	3.5667
Kr-77	0.9318	1.0052	1.2109	0.3653	1.4354	1.2732	1.4949	1.9920
Kr-79	0.8434	0.7432	1.1584	0.2228	1.0334	0.8978	1.2015	1.5512
Kr-81	0.4785	0.3663	0.7799	0.1118	0.4585	0.3464	0.4280	0.6915
Kr-81m	0.7219	0.6918	0.7817	0.1767	1.0437	0.9136	1.0584	1.6658
Kr-83m	0.2017	0.1530	0.3645	0.0487	0.1915	0.1427	0.1814	0.2931
Kr-85	0.0034	0.0038	0.0038	0.0011	0.0059	0.0056	0.0081	0.0101
Kr-85m	0.6954	0.7498	0.8130	0.2792	1.1742	0.9916	1.2809	1.7345
Kr-87	0.6456	0.7118	0.7480	0.2257	1.0903	1.0694	1.5217	1.6146
Kr-88	1.3215	1.3250	1.3884	0.3788	2.0264	1.9365	2.5233	2.5794
Kr-89	1.5067	1.5537	1.5670	0.4863	2.4176	2.2657	3.1071	3.3654
La-128	2.7065	2.8164	2.8625	0.8405	4.4444	4.1200	6.0069	6.6263
La-129	1.1458	1.1407	1.2396	0.2926	1.7556	1.5474	2.0303	2.3444
La-130	1.8567	1.9790	2.0207	0.5971	3.1732	2.9141	4.4012	4.8409
La-131	1.4477	1.4534	1.6028	0.3603	2.2542	1.9576	2.5591	3.0243
La-132	1.7804	1.8651	1.9487	0.5371	2.9070	2.6875	3.7330	4.2794
La-132m	1.4307	1.4714	1.6663	0.4265	2.2866	2.0098	2.6051	3.1883
La-133	0.6974	0.6144	0.8623	0.1191	0.9659	0.7520	0.8598	1.1187
La-134	0.2740	0.2479	0.2896	0.0469	0.3958	0.3186	0.3624	0.4508
La-135	0.5742	0.5086	0.6230	0.0780	0.8109	0.6159	0.6290	0.8581
La-136	0.3908	0.3471	0.4209	0.0565	0.5547	0.4237	0.4370	0.5874
La-137	0.5414	0.4758	0.5906	0.0708	0.7589	0.5712	0.5738	0.7881
La-138	1.1382	1.1487	1.2188	0.3587	1.8193	1.6270	2.0822	2.2172
La-140	1.8541	2.0095	2.0044	0.6884	3.1114	2.9754	4.1752	4.4087
La-141	0.0152	0.0166	0.0165	0.0059	0.0264	0.0251	0.0355	0.0329
La-142	1.4292	1.4140	1.4425	0.4224	2.2220	2.1141	2.9217	2.7761

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
La-143	0.1921	0.1971	0.1981	0.0627	0.3118	0.2941	0.4173	0.4214
Lu-165	1.8920	2.0067	2.5928	0.5652	3.1752	2.5046	3.5931	3.9921
Lu-167	2.3514	2.4001	3.0519	0.6839	3.7509	3.1239	4.4188	4.7888
Lu-169m	0.1261	0.0839	0.4226	0.0404	0.1055	0.0644	0.1198	0.1975
Lu-169	2.0090	2.1323	2.7477	0.6084	3.4525	2.7073	3.9723	4.4454
Lu-170	2.1099	2.2212	2.7727	0.6613	3.5175	2.9318	4.2877	4.2981
Lu-171m	0.1359	0.0917	0.4479	0.0433	0.1167	0.0714	0.1317	0.2139
Lu-171	1.9223	1.8782	2.9320	0.5132	3.0255	2.1997	3.1953	3.6035
Lu-172	2.8108	2.9628	3.7440	0.8868	4.7846	3.8927	5.7155	6.5504
Lu-172m	0.1133	0.0754	0.3800	0.0364	0.0948	0.0578	0.1077	0.1775
Lu-173	1.4896	1.5485	2.2798	0.3758	2.5017	1.6978	2.5892	2.8112
Lu-174	0.7171	0.7349	1.2664	0.1843	1.2001	0.7624	1.2143	1.3324
Lu-174m	0.8819	0.8290	1.7942	0.2339	1.3192	0.8199	1.3214	1.5889
Lu-176	1.9009	1.8831	2.3684	0.4914	2.9957	2.5368	3.8886	4.5898
Lu-176m	0.2093	0.1918	0.4110	0.0596	0.2831	0.1934	0.2980	0.3568
Lu-177	0.2031	0.2013	0.2707	0.0523	0.3049	0.2524	0.3200	0.4276
Lu-177m	4.0882	4.2123	5.2466	1.1843	6.5187	5.4546	7.6473	9.3688
Lu-178	0.2030	0.2018	0.3228	0.0642	0.3107	0.2466	0.3602	0.3908
Lu-178m	3.4671	3.6177	4.3402	1.0212	5.6086	4.8385	7.3517	8.3651
Lu-179	0.1251	0.1225	0.1348	0.0294	0.1840	0.1674	0.1975	0.2774
Lu-180	1.7255	1.8632	2.1623	0.5907	2.9406	2.6296	3.8914	4.2859
Lu-181	1.4614	1.4133	2.0211	0.4126	2.2383	1.8390	2.6395	3.1277
Mg-27	0.8519	0.8952	0.8895	0.2957	1.4739	1.2945	1.8011	2.1375
Mg-28	1.5163	1.5637	1.5443	0.4520	2.4853	2.2605	3.0223	3.3790
Mn-50m	2.7731	2.9178	2.8997	0.9887	4.7359	4.3169	6.0281	6.3949
Mn-51	0.0075	0.0066	0.0146	0.0024	0.0099	0.0082	0.0121	0.0145
Mn-52	2.6089	2.7152	2.8839	0.9283	4.3729	3.9774	5.5537	6.0342
Mn-52m	0.8246	0.9117	0.9043	0.3350	1.4209	1.3742	1.9099	1.7990
Mn-53	0.1016	0.0675	0.3418	0.0327	0.0849	0.0517	0.0966	0.1592
Mn-54	0.9769	0.9446	1.2190	0.3247	1.5215	1.3051	1.7338	2.1100
Mn-56	1.2925	1.3227	1.3307	0.4390	2.0729	1.8994	2.5757	2.7584
Mn-57	0.4049	0.3646	0.7397	0.1248	0.5058	0.4264	0.5650	0.7299
Mn-58m	1.8790	1.9661	1.9690	0.6660	3.1480	2.8850	3.9227	4.2055
Mo-101	1.4780	1.5395	1.6521	0.4816	2.4129	2.2338	3.1432	3.5292
Mo-102	0.0820	0.0843	0.0892	0.0245	0.1269	0.1146	0.1334	0.1871
Mo-89	0.1935	0.1972	0.1974	0.0605	0.3160	0.2911	0.4002	0.4166
Mo-90	2.1086	2.1846	2.2888	0.5803	3.0594	2.8898	3.3419	3.8030
Mo-91m	0.8448	0.8471	0.8377	0.2686	1.3600	1.2757	1.7866	1.8119
Mo-91	0.0349	0.0364	0.0361	0.0074	0.0489	0.0464	0.0477	0.0486
Mo-93	0.4018	0.4166	0.4133	0.0651	0.5391	0.5041	0.4565	0.4988

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Mo-93m	2.5032	2.5108	2.5240	0.7858	3.8569	3.6598	4.8541	4.9811
Mo-99	0.2636	0.2640	0.2701	0.0809	0.4192	0.3690	0.4580	0.5587
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.6795	0.6495	0.7088	0.1897	0.9823	0.8067	0.8401	0.8545
Na-22	0.7106	0.7882	0.7824	0.2772	1.3037	1.2064	1.7552	1.6240
Na-24	1.7453	1.7923	1.8399	0.5534	2.8189	2.6924	3.5678	3.0234
Nb-87	1.2954	1.3044	1.3566	0.2935	1.9147	1.7555	1.9307	2.8514
Nb-88m	2.9248	3.1955	3.2050	1.0285	5.0972	4.7419	6.9813	7.7549
Nb-88	3.6895	3.9884	4.0283	1.2167	6.2992	5.7665	8.3621	9.4519
Nb-89	0.3981	0.4118	0.4152	0.1172	0.6033	0.5726	0.7266	0.7064
Nb-89m	0.7910	0.8646	0.8656	0.2500	1.3297	1.2596	1.7551	2.1782
Nb-90	2.6272	2.7880	2.9077	0.8400	4.2400	3.9927	5.2591	5.3341
Nb-91	0.4350	0.4378	0.4418	0.0736	0.5591	0.5218	0.4823	0.5744
Nb-91m	0.3607	0.3744	0.3764	0.0626	0.4912	0.4576	0.4320	0.4702
Nb-92	2.0887	2.1861	2.1753	0.6179	3.4133	3.1251	4.2906	5.0498
Nb-92m	1.2787	1.3636	1.3563	0.3763	2.0874	1.8728	2.4641	2.9202
Nb-93m	0.0787	0.0790	0.0974	0.0139	0.1021	0.0936	0.0882	0.1000
Nb-94m	0.2790	0.2883	0.2935	0.0465	0.3749	0.3492	0.3207	0.3524
Nb-94	1.7538	1.7227	1.7137	0.5483	2.8349	2.5217	3.4364	3.9390
Nb-95	0.9010	0.8604	0.8614	0.2805	1.4075	1.2371	1.5750	1.8314
Nb-95m	0.5395	0.5391	0.5529	0.1103	0.7305	0.6952	0.7084	0.8480
Nb-96	2.6592	2.7382	2.7384	0.8772	4.4328	4.0225	5.5759	6.4011
Nb-97	0.9246	0.8487	0.8403	0.2467	1.4049	1.2933	1.8326	1.9528
Nb-98m	2.7375	2.7326	2.7302	0.8971	4.4061	3.9839	5.3837	5.9015
Nb-99	1.1543	1.2643	1.3529	0.3775	1.8206	1.5907	1.8027	2.1633
Nb-99m	0.6065	0.6241	0.6421	0.1809	0.9525	0.8952	1.2077	1.2072
Nd-134	1.4425	1.4826	1.6709	0.4159	2.4011	1.9760	2.4791	3.0664
Nd-135	1.7357	1.7658	2.0292	0.4376	2.8094	2.4316	3.0915	3.7639
Nd-136	1.2797	1.2826	1.5828	0.2940	2.1047	1.6514	1.9911	2.1184
Nd-137	1.6525	1.6500	1.8592	0.4301	2.6663	2.2324	2.9644	3.1796
Nd-138	0.5382	0.5175	0.6625	0.0928	0.8807	0.6511	0.7516	0.7752
Nd-139	0.5570	0.5575	0.6691	0.1255	0.9276	0.7402	0.9199	0.9865
Nd-139m	2.4625	2.4898	2.7119	0.6962	4.0467	3.4376	4.4835	4.9769
Nd-140	0.4878	0.4652	0.6090	0.0797	0.7941	0.5768	0.6365	0.6515
Nd-141	0.5000	0.4797	0.6198	0.0849	0.8181	0.5992	0.6696	0.6856
Nd-141m	0.8664	0.8255	0.8392	0.2612	1.3557	1.1852	1.5175	1.7381
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.6589	0.6817	0.8151	0.1665	1.0975	0.8756	1.1548	1.1570
Nd-149	1.2581	1.2805	1.4120	0.3417	1.9890	1.7559	2.2766	2.6530
Nd-151	1.4224	1.5012	1.6057	0.4598	2.3338	2.0751	2.7429	3.0686

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Nd-152	0.6521	0.6342	0.7389	0.1709	0.9318	0.8626	1.1385	1.2242
Ne-19	0.0001	0.0001	0.0001	0.0000	0.0002	0.0002	0.0002	0.0002
Ne-24	0.8093	0.9236	0.9369	0.2890	1.4289	1.3730	2.0037	2.4678
Ni-56	2.8819	2.9069	3.4621	1.0199	4.5858	4.0120	5.2326	6.5727
Ni-57	1.0181	1.0780	1.3567	0.3953	1.6303	1.5393	2.1553	2.1072
Ni-59	0.1761	0.1170	0.5926	0.0566	0.1472	0.0897	0.1674	0.2761
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.3655	0.4092	0.4046	0.1447	0.6472	0.6145	0.8908	0.8962
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	2.8259	2.8226	3.3085	0.8033	4.2897	3.7149	5.1307	5.7295
Np-233	0.9723	0.9599	1.2368	0.2479	1.3567	1.1341	1.3870	1.5603
Np-234	1.7105	1.7266	2.0981	0.5174	2.5082	2.2378	2.8487	3.0593
Np-235	0.3539	0.3012	0.5708	0.0767	0.3856	0.3165	0.3505	0.4834
Np-236	2.0753	1.9919	2.7849	0.5333	2.7791	2.3198	2.6791	3.3513
Np-236m	0.5509	0.5369	0.7098	0.1372	0.7535	0.6301	0.7582	0.8624
Np-237	0.8119	0.7180	1.0761	0.1718	0.9702	0.8052	0.8988	1.1466
Np-238	0.7644	0.8011	0.9577	0.2334	1.2358	1.0846	1.5227	1.8118
Np-239	1.4611	1.4309	1.8989	0.3734	2.0349	1.7560	2.1481	2.4744
Np-240	2.3129	2.3133	2.7951	0.6473	3.4702	3.0767	4.0239	4.7881
Np-240m	0.6805	0.6567	0.8040	0.1796	0.9793	0.8894	1.1668	1.3539
Np-241	0.3548	0.3532	0.4566	0.0931	0.5016	0.4266	0.5027	0.5939
Np-242	0.2534	0.2534	0.2780	0.0800	0.3894	0.3567	0.4781	0.5072
Np-242m	2.0380	1.9810	2.4594	0.5722	2.9563	2.5636	3.1403	3.8066
O-14	0.9929	0.9810	1.0594	0.2620	1.4879	1.5003	1.9716	1.5510
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	1.2499	1.2874	1.3105	0.3523	2.0218	1.8649	2.3385	3.0338
Os-180	1.1001	1.0102	1.9088	0.3009	1.5532	1.0396	1.6173	2.0443
Os-181	2.8098	2.7602	3.7108	0.8416	4.2646	3.4260	4.7993	5.7619
Os-182	1.7451	1.7181	2.5820	0.5188	2.6650	2.0741	3.0075	3.9542
Os-183	2.3758	2.4243	3.4431	0.7463	3.7830	2.9019	4.5068	5.4373
Os-183m	1.4336	1.4762	2.0183	0.4646	2.3846	1.8464	2.8707	3.3846
Os-185	1.5759	1.4637	1.9803	0.4303	2.3699	1.8669	2.7857	3.2266
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.1689	0.1135	0.5452	0.0531	0.1427	0.0887	0.1597	0.2630
Os-190m	3.3097	3.3546	4.0495	1.0097	5.2997	4.7967	7.0960	8.5666
Os-191	1.0042	0.9169	1.7944	0.3076	1.3336	0.9304	1.3669	1.8408
Os-191m	0.2442	0.1859	0.6417	0.0731	0.2574	0.1606	0.2738	0.4100
Os-193	0.3286	0.3160	0.5132	0.1016	0.4732	0.3675	0.5517	0.6902
Os-194	0.1848	0.1397	0.4915	0.0521	0.1930	0.1273	0.1960	0.2787
Os-196	0.3264	0.3249	0.4389	0.0985	0.4926	0.3988	0.5854	0.7123

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
P-30	0.0008	0.0007	0.0008	0.0002	0.0011	0.0011	0.0015	0.0012
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.4107	0.3794	0.5772	0.1005	0.5233	0.4113	0.5128	0.6404
Pa-228	2.9966	2.9980	3.7330	0.8744	4.4158	3.8605	5.2043	6.0537
Pa-229	0.8965	0.8584	1.1932	0.2279	1.1850	0.9739	1.2020	1.3840
Pa-230	1.7091	1.7135	2.1592	0.4887	2.5108	2.1623	2.8777	3.4048
Pa-231	0.7440	0.6249	1.1132	0.1630	0.8438	0.7047	0.8577	1.1239
Pa-232	1.5227	1.5717	1.8397	0.4753	2.4043	2.1307	2.8946	3.5212
Pa-233	1.2388	1.2128	1.5676	0.3228	1.7924	1.5345	2.2470	2.4259
Pa-234	2.9752	2.9653	3.5332	0.8635	4.4408	3.9045	5.0424	5.9819
Pa-234m	0.0246	0.0251	0.0294	0.0074	0.0381	0.0334	0.0452	0.0524
Pa-235	0.0599	0.0400	0.1993	0.0191	0.0503	0.0308	0.0569	0.0938
Pa-236	1.1962	1.1545	1.3315	0.3381	1.7433	1.5970	2.1708	2.3137
Pa-237	0.7632	0.7758	0.8805	0.2491	1.2421	1.1075	1.5420	1.8504
Pb-194	2.3765	2.3270	3.0729	0.7126	3.4664	2.9122	4.1271	4.7999
Pb-195m	3.2288	3.2718	4.2595	1.0469	4.9386	4.3208	6.4452	7.4248
Pb-196	2.1727	2.1036	2.8878	0.6275	3.0406	2.5274	3.5189	4.2111
Pb-197	2.1937	2.2432	2.8278	0.7229	3.3762	2.9247	4.3033	4.7290
Pb-197m	2.8479	2.8506	3.7567	0.8906	4.2402	3.6802	5.3507	6.2411
Pb-198	2.0219	1.9614	2.7175	0.6001	2.8899	2.3662	3.4912	4.0283
Pb-199	1.8521	1.8670	2.4370	0.5952	2.8013	2.3729	3.5804	3.9231
Pb-200	1.7715	1.6844	2.5752	0.5417	2.4038	1.8668	2.5656	3.1837
Pb-201	2.0503	2.0431	2.6569	0.6254	3.1516	2.6050	4.2199	4.5770
Pb-201m	0.8768	0.7975	1.0171	0.2328	1.2251	1.0529	1.5179	1.6543
Pb-202	0.1871	0.1303	0.5248	0.0548	0.1635	0.1079	0.1740	0.2856
Pb-202m	2.6107	2.7628	3.0041	0.8879	4.3515	3.9488	5.6988	6.7174
Pb-203	1.8163	1.7282	2.3828	0.5101	2.4974	2.0675	3.0102	3.3411
Pb-204m	2.3464	2.5435	2.6252	0.8293	4.1000	3.6808	5.4735	6.3191
Pb-205	0.1894	0.1319	0.5311	0.0555	0.1655	0.1092	0.1761	0.2891
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.2613	0.2066	0.5042	0.0639	0.2723	0.1974	0.2605	0.3851
Pb-211	0.0967	0.1026	0.1126	0.0336	0.1582	0.1451	0.2054	0.2400
Pb-212	0.9215	0.8714	1.1279	0.2459	1.2081	1.0586	1.3282	1.5619
Pb-214	0.8806	0.8815	1.0906	0.2618	1.3273	1.1636	1.8254	1.9632
Pd-100	1.6445	1.6394	1.8474	0.3698	2.3203	1.9024	2.1844	2.0588
Pd-101	1.1923	1.1605	1.1948	0.2307	1.7214	1.5544	1.7854	1.6895
Pd-103	0.3959	0.3827	0.4022	0.0528	0.5382	0.4742	0.4112	0.3251
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.6268	0.6066	0.6333	0.1405	0.9349	0.8357	0.9155	1.3273

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pd-109	0.2826	0.2212	0.2574	0.0370	0.3245	0.2999	0.2748	0.2813
Pd-111	0.0620	0.0628	0.0636	0.0190	0.0994	0.0911	0.1285	0.1407
Pd-112	0.1627	0.1666	0.1907	0.0263	0.2225	0.1980	0.1803	0.1713
Pd-114	0.1052	0.1078	0.1157	0.0315	0.1543	0.1467	0.1733	0.2139
Pd-96	1.7428	1.8055	1.8692	0.5402	2.7490	2.4971	3.0841	3.4658
Pd-97	1.8496	1.9050	1.9459	0.5689	2.8712	2.7198	3.6311	3.8187
Pd-98	1.4014	1.4281	1.4936	0.3480	2.1245	1.8479	2.1372	2.2379
Pd-99	1.3882	1.4585	1.5383	0.4467	2.1671	1.9914	2.4333	2.7090
Pm-136	2.4789	2.5804	2.6204	0.8046	4.1742	3.8133	5.6425	6.2701
Pm-137m	2.6344	2.7235	2.9617	0.7563	4.3018	3.7766	5.0094	5.7524
Pm-139	0.4482	0.4775	0.5426	0.1309	0.7676	0.6659	0.9124	0.9694
Pm-140m	2.6310	2.8429	2.9256	0.9053	4.5882	4.1386	5.8935	6.7879
Pm-140	0.1862	0.1912	0.2093	0.0553	0.3153	0.2691	0.3559	0.3861
Pm-141	0.3860	0.3910	0.4701	0.0930	0.6565	0.5239	0.6583	0.6473
Pm-142	0.1523	0.1528	0.1890	0.0349	0.2564	0.2012	0.2427	0.2288
Pm-143	0.8228	0.7946	0.9520	0.1881	1.3488	1.0596	1.2889	1.3347
Pm-144	2.6504	2.5546	2.7057	0.7015	4.2154	3.7348	5.1298	5.5797
Pm-145	0.4941	0.4824	0.6616	0.0897	0.8314	0.5945	0.6890	0.6566
Pm-146	1.3268	1.3680	1.4875	0.3913	2.2132	1.9481	2.6249	2.9879
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
Pm-148	0.4918	0.5256	0.5209	0.1742	0.8347	0.7860	1.1130	1.2093
Pm-148m	2.8404	2.8448	2.8663	0.8411	4.6129	4.2639	6.1921	6.9370
Pm-149	0.0347	0.0343	0.0382	0.0097	0.0532	0.0485	0.0731	0.0756
Pm-150	1.4195	1.5273	1.5261	0.4894	2.4934	2.2793	3.6028	3.6707
Pm-151	0.9672	1.0013	1.1115	0.2823	1.6187	1.3860	1.9655	2.1640
Pm-152m	2.3923	2.4922	2.6870	0.7478	3.8189	3.4944	4.6505	5.0256
Pm-152	0.3923	0.4170	0.4637	0.1284	0.6566	0.5748	0.7589	0.8291
Pm-153	0.5154	0.5258	0.6759	0.1456	0.8023	0.6604	0.7750	0.8970
Pm-154	1.4071	1.4780	1.6322	0.4586	2.3169	2.0847	2.9439	2.9407
Pm-154m	2.2754	2.3753	2.5939	0.7301	3.7294	3.3295	4.5272	4.9259
Po-203	2.5294	2.5233	3.1504	0.7873	3.7802	3.2265	4.4924	5.2091
Po-204	3.5430	3.3920	4.8329	1.0485	4.9293	4.0651	5.7402	6.7452
Po-205	2.4603	2.4444	3.0413	0.7769	3.6778	3.1216	4.3469	4.9707
Po-206	2.8890	2.8257	3.7989	0.8693	4.1965	3.5543	5.1974	6.0465
Po-207	2.1848	2.2025	2.7379	0.6913	3.3304	2.8243	4.0842	4.6921
Po-208	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001
Po-209	0.0256	0.0222	0.0491	0.0077	0.0311	0.0251	0.0359	0.0451
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0097	0.0099	0.0100	0.0031	0.0161	0.0146	0.0209	0.0244
Po-212m	0.0429	0.0418	0.0443	0.0109	0.0669	0.0646	0.0849	0.0791

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-214	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0002	0.0002
Po-215	0.0003	0.0003	0.0004	0.0001	0.0005	0.0005	0.0008	0.0009
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	3.3783	3.5310	3.6238	1.0563	5.6589	5.2230	7.6752	8.5740
Pr-134m	1.5360	1.6923	1.7649	0.5335	2.5936	2.4852	3.5893	3.9467
Pr-135	1.1933	1.1665	1.3244	0.2758	1.8579	1.5547	2.0502	2.2542
Pr-136	1.8081	1.8822	1.9407	0.5430	2.9995	2.7655	3.9004	4.4163
Pr-137	0.4814	0.4603	0.5600	0.0916	0.7615	0.5894	0.6804	0.7651
Pr-138	0.1684	0.1585	0.1914	0.0322	0.2626	0.2035	0.2300	0.2564
Pr-138m	2.9597	3.0511	3.1583	0.9007	5.0201	4.3613	6.3261	7.0165
Pr-139	0.4876	0.4547	0.5752	0.0768	0.7584	0.5630	0.6067	0.6778
Pr-140	0.2599	0.2424	0.3065	0.0409	0.4045	0.3001	0.3239	0.3619
Pr-142	0.0342	0.0377	0.0370	0.0143	0.0564	0.0563	0.0753	0.0716
Pr-142m	0.0080	0.0053	0.0269	0.0026	0.0067	0.0041	0.0076	0.0125
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0219	0.0213	0.0216	0.0066	0.0334	0.0317	0.0435	0.0426
Pr-144m	0.2239	0.2047	0.3440	0.0417	0.3401	0.2444	0.2826	0.3077
Pr-145	0.0259	0.0261	0.0279	0.0075	0.0430	0.0365	0.0506	0.0553
Pr-146	0.8867	0.9666	0.9775	0.3189	1.5006	1.4369	2.0288	2.2205
Pr-147	1.3460	1.3629	1.6110	0.3391	2.2364	1.8103	2.4776	2.5169
Pr-148	1.1249	1.1669	1.1707	0.3536	1.8886	1.7249	2.7025	2.7334
Pr-148m	1.6445	1.7086	1.7240	0.5080	2.7457	2.5264	3.9769	4.2206
Pt-184	3.6532	3.4800	5.3355	1.0805	5.3168	4.0175	5.8311	7.5525
Pt-186	2.0035	1.8621	2.6400	0.5613	2.9197	2.2650	3.3260	3.9992
Pt-187	2.2968	2.1856	3.3089	0.6622	3.3501	2.5078	3.7310	4.6303
Pt-188	1.5499	1.4572	2.3740	0.4369	2.2209	1.6121	2.3657	3.2009
Pt-189	2.1630	2.0242	3.1796	0.6189	3.0951	2.2809	3.4295	4.2457
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	1.8774	1.7807	2.8555	0.5469	2.7117	1.9402	3.0023	3.7862
Pt-193	0.1933	0.1333	0.5661	0.0579	0.1673	0.1086	0.1806	0.2969
Pt-193m	0.3437	0.2717	0.8054	0.1004	0.3738	0.2446	0.3941	0.5665
Pt-195m	1.2846	1.1191	2.3907	0.3636	1.6111	1.0971	1.6700	2.1992
Pt-197	0.3777	0.3268	0.6921	0.1076	0.4427	0.3301	0.4733	0.6101
Pt-197m	0.8713	0.7626	1.5974	0.2494	1.1071	0.7810	1.2449	1.5941
Pt-199	0.4289	0.4355	0.5163	0.1299	0.6759	0.6054	0.8787	1.0634
Pt-200	0.6400	0.5811	1.0606	0.1847	0.8255	0.6144	0.8838	1.1091
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Pu-232	0.7046	0.7001	0.8993	0.1797	0.9890	0.8308	0.9934	1.1207
Pu-234	0.8060	0.7948	1.0425	0.2036	1.1180	0.9386	1.1177	1.2707
Pu-235	1.0847	1.0623	1.4204	0.2698	1.4929	1.2480	1.4830	1.6972
Pu-236	0.1097	0.0964	0.1610	0.0225	0.1238	0.1037	0.1098	0.1459
Pu-237	0.7704	0.7360	1.0469	0.1861	1.0223	0.8470	0.9990	1.1788
Pu-238	0.1014	0.0890	0.1488	0.0208	0.1142	0.0957	0.1013	0.1348
Pu-239	0.0547	0.0456	0.1025	0.0126	0.0584	0.0466	0.0543	0.0758
Pu-240	0.0953	0.0837	0.1399	0.0196	0.1074	0.0900	0.0953	0.1267
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0818	0.0718	0.1200	0.0168	0.0922	0.0772	0.0818	0.1088
Pu-243	0.3216	0.3116	0.4287	0.0840	0.4262	0.3476	0.4441	0.4683
Pu-244	0.0853	0.0778	0.1181	0.0196	0.1050	0.0906	0.1051	0.1306
Pu-245	0.8945	0.9262	1.0159	0.2661	1.4453	1.2847	1.9060	2.0690
Pu-246	1.1893	1.1777	1.4673	0.2868	1.7274	1.4645	1.6897	1.9937
Ra-219	0.5940	0.5984	0.6975	0.1702	0.9463	0.8060	1.3978	1.4034
Ra-220	0.0077	0.0088	0.0092	0.0028	0.0135	0.0130	0.0191	0.0234
Ra-221	0.4422	0.4106	0.6547	0.1290	0.5696	0.4615	0.5710	0.7679
Ra-222	0.0229	0.0242	0.0248	0.0070	0.0406	0.0357	0.0671	0.0659
Ra-223	1.0019	0.9658	1.3645	0.2902	1.3610	1.1362	1.5539	1.7587
Ra-224	0.0506	0.0482	0.0547	0.0129	0.0668	0.0638	0.0727	0.0877
Ra-225	0.2885	0.2789	0.3880	0.0577	0.4501	0.3371	0.3825	0.3612
Ra-226	0.8994	0.8953	0.9665	0.9342	1.2335	1.2434	1.3000	1.2960
Ra-227	0.9956	0.8883	1.3090	0.2344	1.2605	1.0964	1.4141	1.7130
Ra-228	0.8572	0.8471	0.9087	0.8775	1.1746	1.1652	1.2246	1.2063
Ra-230	0.4919	0.4797	0.6513	0.1342	0.6908	0.5702	0.7589	0.9254
Rb-77	1.2472	1.2623	1.3472	0.3750	1.9790	1.6031	2.2597	2.7849
Rb-78m	2.1113	2.2286	2.2584	0.7080	3.4730	3.2831	4.6891	5.0313
Rb-78	1.7037	1.7441	1.7977	0.5452	2.6633	2.4951	3.3878	3.5509
Rb-79	1.4518	1.4562	1.6176	0.4653	2.2198	1.9706	2.5865	3.3152
Rb-80	0.2722	0.2514	0.2524	0.0717	0.4121	0.3826	0.5500	0.5909
Rb-81	0.7170	0.6783	0.8448	0.1984	0.9580	0.8537	1.1465	1.5107
Rb-81m	0.4700	0.4012	0.4811	0.0978	0.5141	0.4211	0.4674	0.6699
Rb-82	0.1703	0.1602	0.1705	0.0516	0.2536	0.2210	0.2774	0.3305
Rb-82m	3.2607	3.2024	3.3618	1.0006	5.0759	4.5763	6.2722	7.2108
Rb-83	1.2735	1.2147	1.4606	0.3490	1.7756	1.5986	2.1800	2.8399
Rb-84	0.9676	0.9195	1.0668	0.2845	1.3947	1.1930	1.5777	2.0048
Rb-84m	1.3729	1.3463	1.4360	0.3645	1.9080	1.8301	2.2027	2.7706
Rb-86m	0.8305	0.8495	0.8471	0.2483	1.3558	1.2806	1.8524	2.1745
Rb-86	0.0662	0.0762	0.0750	0.0252	0.1269	0.1139	0.1752	0.1958
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rb-88	0.3753	0.3952	0.3980	0.1325	0.5935	0.5697	0.8028	0.7785
Rb-89	1.3829	1.4988	1.5056	0.4782	2.4332	2.2475	3.2881	3.3648
Rb-90	0.8340	0.8213	0.8263	0.2733	1.2988	1.1389	1.4373	1.5559
Rb-90m	1.8768	1.8971	1.9067	0.6237	2.9998	2.7105	3.5781	3.7412
Re-178	2.0032	1.9719	2.6918	0.5871	3.0080	2.4503	3.4002	3.9200
Re-179	2.3373	2.4053	3.1523	0.7341	3.7392	3.1053	4.6865	5.4382
Re-180	1.9947	1.9955	2.7959	0.6171	3.1946	2.4599	3.6171	4.3560
Re-181	2.2248	2.2546	3.1897	0.6821	3.5923	2.8071	4.4846	5.2096
Re-182	4.4307	4.4441	6.0739	1.3353	6.9505	5.4914	7.9310	9.4778
Re-182m	2.2400	2.2619	3.1927	0.6902	3.6023	2.6892	4.0930	4.7267
Re-183	1.6191	1.5441	2.7627	0.4680	2.4293	1.6267	2.4803	3.1971
Re-184	1.8042	1.7776	2.4748	0.5491	2.8410	2.1669	3.1120	3.7826
Re-184m	1.6194	1.5468	2.5467	0.4711	2.3819	1.7861	2.6184	3.2774
Re-186	0.1700	0.1681	0.2770	0.0566	0.2531	0.1845	0.2559	0.3421
Re-186m	0.6208	0.4798	1.6560	0.1822	0.6799	0.4269	0.7103	1.0216
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.2128	0.2181	0.2919	0.0802	0.3447	0.2746	0.3662	0.5049
Re-188m	1.0384	0.9390	1.9189	0.2946	1.4345	0.9236	1.4701	1.9277
Re-189	0.2798	0.2650	0.3833	0.0762	0.3928	0.3342	0.4263	0.5786
Re-190	2.4670	2.5229	2.7101	0.7511	3.9718	3.6322	5.0802	6.1565
Re-190m	2.0549	2.0848	2.5852	0.6326	3.2726	2.8423	4.1586	5.0143
Rh-100m	0.6505	0.6279	0.6824	0.1038	0.9006	0.7715	0.7484	0.6771
Rh-100	2.4185	2.5240	2.5650	0.7239	3.8839	3.6785	4.9056	5.0668
Rh-101	1.5426	1.6050	1.6959	0.3883	2.3392	2.1288	2.3778	3.0479
Rh-101m	1.0848	1.1129	1.1202	0.2590	1.7366	1.5491	2.3390	2.2531
Rh-102	0.7230	0.7798	0.7938	0.2000	1.1711	1.0973	1.4291	1.6259
Rh-102m	3.0010	3.0943	3.1095	0.8922	4.8975	4.5208	6.2499	7.0169
Rh-103m	0.0543	0.0489	0.0833	0.0095	0.0678	0.0569	0.0555	0.0536
Rh-104	0.0195	0.0200	0.0200	0.0056	0.0316	0.0297	0.0417	0.0479
Rh-104m	0.6605	0.7034	0.7441	0.1107	1.0946	0.8208	0.9557	0.8389
Rh-105	0.1873	0.1973	0.1927	0.0556	0.3375	0.2975	0.5675	0.5486
Rh-106	0.2832	0.2956	0.2943	0.0878	0.4721	0.4453	0.6463	0.7593
Rh-106m	3.0745	3.2611	3.2658	1.0414	5.1935	4.8359	6.8528	7.8419
Rh-107	0.7726	0.8058	0.8073	0.2311	1.3089	1.1920	2.0461	2.0586
Rh-108	0.4943	0.5434	0.5551	0.1700	0.8441	0.8171	1.2054	1.4061
Rh-109	0.8446	0.8801	0.8941	0.2479	1.4054	1.2746	2.0319	2.1432
Rh-94	1.9745	2.1099	2.0980	0.7190	3.3505	3.1252	4.4085	4.5079
Rh-95	1.3874	1.4788	1.4758	0.4670	2.3550	2.1526	2.9940	3.1902
Rh-95m	0.8530	0.8755	0.8763	0.2567	1.3796	1.2858	1.7791	2.0802
Rh-96	3.5093	3.4084	3.3997	1.0498	5.5199	5.0250	6.8456	7.3940

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Rh-96m	0.8801	0.8943	0.9121	0.2639	1.3907	1.2623	1.6088	1.6795
Rh-97	1.1070	1.2207	1.2542	0.3711	1.8579	1.7629	2.4445	2.7336
Rh-97m	1.9318	1.9981	2.0498	0.5537	3.0273	2.8324	3.6312	3.9166
Rh-98	1.0749	1.0074	1.0019	0.2921	1.6366	1.5180	2.1303	2.2107
Rh-99	1.5812	1.6563	1.7197	0.4051	2.4793	2.2294	2.9654	3.0915
Rh-99m	1.2277	1.2849	1.2966	0.3285	2.0132	1.8252	2.6995	2.6869
Rn-207	1.8846	1.8794	2.2492	0.5717	2.8572	2.5053	3.7305	4.0604
Rn-209	2.1026	2.1290	2.5822	0.6632	3.1662	2.8121	4.0198	4.4375
Rn-210	0.1578	0.1537	0.1991	0.0461	0.2263	0.1958	0.2718	0.3175
Rn-211	2.6846	2.6806	3.1385	0.8424	4.1033	3.6437	5.0948	5.6515
Rn-212	0.0005	0.0004	0.0004	0.0001	0.0007	0.0006	0.0009	0.0010
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0011	0.0011	0.0011	0.0003	0.0018	0.0016	0.0024	0.0026
Rn-219	0.1805	0.1851	0.2069	0.0553	0.2691	0.2556	0.3583	0.3951
Rn-220	0.8571	0.8604	0.9090	0.8861	1.1754	1.2008	1.1869	1.2518
Rn-222	0.0006	0.0007	0.0007	0.0002	0.0011	0.0010	0.0014	0.0018
Rn-223	1.0388	0.9800	1.4180	0.2950	1.4299	1.2257	1.6521	1.9877
Ru-103	0.7684	0.8596	0.8619	0.2579	1.3396	1.2786	1.8521	2.3109
Ru-105	1.1713	1.1763	1.1907	0.3527	1.8748	1.7139	2.4008	2.6727
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.4552	0.4790	0.4863	0.1437	0.7568	0.6970	0.9628	1.1460
Ru-108	0.3409	0.3636	0.3925	0.1249	0.5685	0.4745	0.5583	0.7898
Ru-92	3.8035	3.9064	4.0702	1.0016	5.7091	5.2326	6.1561	7.1097
Ru-94	1.1531	1.2541	1.2754	0.3308	1.9013	1.7536	2.4601	2.6208
Ru-95	1.5984	1.6863	1.6834	0.4637	2.6711	2.4310	3.6440	3.7113
Ru-97	1.2967	1.2912	1.3329	0.2701	1.8781	1.7354	1.9539	2.4452
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.8934	0.8669	0.8483	0.2702	1.2538	1.1136	1.4597	1.1090
S-38	0.8763	0.9139	0.9322	0.3045	1.2650	1.2853	1.8826	1.5928
Sb-111	1.2777	1.3205	1.3723	0.4409	2.0992	1.8761	2.4293	3.1557
Sb-113	1.0899	1.0937	1.1098	0.3076	1.7208	1.6337	2.2916	2.7555
Sb-114	1.3341	1.3845	1.3838	0.4576	2.2436	2.0886	2.9523	2.9131
Sb-115	1.2211	1.1571	1.1824	0.3078	1.8035	1.7419	2.2638	2.8454
Sb-116	1.3151	1.2849	1.3025	0.3965	2.0697	1.9462	2.6141	2.5973
Sb-116m	3.5590	3.5456	3.6175	1.0667	5.6604	5.2475	7.0884	7.9370
Sb-117	1.3675	1.1564	1.2406	0.3499	1.8550	1.6423	1.7268	2.4583
Sb-118	0.2041	0.1408	0.1495	0.0267	0.2239	0.2184	0.2135	0.2510
Sb-118m	3.8386	3.5888	3.6916	0.9850	5.6463	5.2669	6.6486	7.2196

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sb-119	0.7911	0.4933	0.5814	0.0737	0.7689	0.7585	0.6384	0.8026
Sb-120	0.3976	0.2518	0.2714	0.0386	0.3978	0.3932	0.3421	0.4256
Sb-120m	3.7372	3.6516	3.7907	0.9974	5.7967	5.2175	6.8906	8.1429
Sb-122m	1.2172	0.9956	1.1590	0.2128	1.5821	1.2095	1.4594	1.8187
Sb-122	0.6634	0.6618	0.6592	0.1923	1.0647	1.0029	1.4396	1.6597
Sb-124	1.7175	1.7075	1.6961	0.5397	2.6906	2.5668	3.6369	3.7475
Sb-124m	0.6713	0.6561	0.7116	0.1938	1.0556	0.9852	1.4261	1.6314
Sb-124n	0.0279	0.0185	0.0938	0.0090	0.0233	0.0142	0.0265	0.0437
Sb-125	1.1334	1.0419	1.0903	0.2672	1.6459	1.5317	1.9739	2.3607
Sb-126	3.7407	3.6663	3.6832	1.1271	5.9347	5.4803	7.7137	8.5891
Sb-126m	2.1990	2.1909	2.2244	0.6771	3.5134	3.2914	4.6924	5.2251
Sb-127	1.0667	1.0586	1.0727	0.3194	1.6772	1.5553	2.1351	2.4549
Sb-128	4.1186	4.0237	4.0031	1.2310	6.6125	5.9639	8.5785	9.4344
Sb-128m	2.6222	2.5646	2.5482	0.7926	4.2602	3.7662	5.5774	6.0125
Sb-129	1.4139	1.4656	1.4625	0.4769	2.3567	2.1411	2.9881	3.3790
Sb-130m	2.9898	3.0396	3.0539	0.9829	4.9473	4.3752	5.8373	6.9831
Sb-130	4.2145	4.2841	4.3099	1.3520	6.9535	6.2019	8.6836	10.0609
Sb-131	1.7625	1.8398	1.8377	0.5886	2.9607	2.7220	3.9379	4.2311
Sb-133	1.8245	1.9519	1.9582	0.6413	3.1133	2.9001	4.1325	4.2329
Sc-42m	2.3150	2.6147	2.6212	0.9142	4.0855	3.9358	5.6513	5.8399
Sc-43	0.1633	0.1858	0.2074	0.0605	0.2899	0.2767	0.4575	0.4977
Sc-44	0.7478	0.8465	0.8438	0.2869	1.4071	1.2767	1.9225	1.9980
Sc-44m	0.8926	0.8753	0.9323	0.2462	1.2798	1.2222	1.6549	1.7643
Sc-46	1.5976	1.7498	1.7312	0.5812	2.8970	2.5789	3.7642	4.2543
Sc-47	0.5054	0.5574	0.5949	0.2237	0.9038	0.7408	0.8973	1.3547
Sc-48	2.3765	2.7039	2.6674	0.9056	4.4652	4.0336	6.0738	6.6981
Sc-49	0.0006	0.0006	0.0006	0.0002	0.0009	0.0009	0.0013	0.0011
Sc-50	2.3869	2.6485	2.6184	0.9004	4.1726	3.9676	5.6805	6.0915
Se-70	1.3783	1.2854	2.6369	0.4098	1.8805	1.5063	2.2198	2.7811
Se-71	0.7992	0.8620	0.9429	0.3118	1.3664	1.1970	1.5864	1.9482
Se-72	0.8456	0.7292	1.9010	0.2161	1.0986	0.7241	1.0662	1.2951
Se-73	1.4423	1.4735	1.9739	0.4559	2.2996	1.8636	3.0989	3.5166
Se-73m	0.2315	0.2065	0.3914	0.0677	0.2932	0.2410	0.3466	0.4400
Se-75	1.8818	1.8098	2.8268	0.5983	2.5594	2.2920	3.0024	3.6639
Se-77m	0.5973	0.5813	0.8927	0.2209	0.8865	0.7112	0.8815	1.3571
Se-79m	0.4267	0.3370	0.8428	0.1122	0.4399	0.3263	0.4444	0.6470
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0173	0.0172	0.0176	0.0050	0.0267	0.0248	0.0360	0.0389
Se-81m	0.4506	0.3646	0.8682	0.1194	0.4826	0.3644	0.4882	0.6963
Se-83m	0.8276	0.8975	0.8951	0.2871	1.4412	1.3286	2.0313	2.1881

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Se-83	2.7831	2.9354	2.9708	0.9123	4.6230	4.3262	6.2532	6.8734
Se-84	0.7052	0.8417	0.8843	0.2813	1.2639	1.2602	1.8983	2.2098
Si-31	0.0005	0.0005	0.0005	0.0002	0.0009	0.0008	0.0012	0.0011
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	1.4031	1.4166	1.5072	0.3964	2.2649	2.0260	2.9380	3.0896
Sm-140	0.8816	0.9088	1.0896	0.2306	1.5002	1.2190	1.5620	1.5975
Sm-141	1.1155	1.2500	1.3615	0.3851	1.9649	1.8089	2.5967	2.7934
Sm-141m	2.4375	2.5247	2.7093	0.7052	4.0618	3.5867	4.7256	5.5932
Sm-142	0.4349	0.4396	0.5998	0.0825	0.7779	0.5517	0.6534	0.5599
Sm-143	0.2880	0.2945	0.3887	0.0604	0.5153	0.3776	0.4619	0.4105
Sm-143m	0.8596	0.8209	0.8398	0.2589	1.3515	1.1791	1.5168	1.7207
Sm-145	0.9100	0.9213	1.2308	0.1765	1.6252	1.1332	1.3773	1.2326
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0009	0.0006	0.0024	0.0002	0.0008	0.0006	0.0008	0.0012
Sm-153	0.6351	0.6752	0.8556	0.1520	1.1219	0.8258	1.0619	0.9731
Sm-155	0.7286	0.7785	0.8584	0.2013	1.1891	0.9806	1.2238	1.2595
Sm-156	0.7326	0.7207	0.9600	0.1971	1.0963	0.9072	1.1513	1.4214
Sm-157	1.1135	1.1467	1.2416	0.2867	1.8165	1.5977	2.0224	2.6588
Sn-106	2.1870	2.0613	2.1370	0.5662	3.1639	2.9998	3.7925	4.3525
Sn-108	2.1730	2.0101	2.1034	0.5445	3.0685	2.9250	3.6911	4.2446
Sn-109	1.9991	1.9287	1.9504	0.5690	3.0397	2.8836	3.8831	4.0380
Sn-110	1.5075	1.2859	1.3363	0.3034	1.9657	1.8729	2.3983	2.5484
Sn-111	0.5473	0.4037	0.4214	0.0808	0.6251	0.6104	0.6181	0.6857
Sn-113	0.6270	0.4125	0.4387	0.0606	0.6344	0.6271	0.5292	0.6272
Sn-113m	0.4513	0.2815	0.3257	0.0421	0.4396	0.4329	0.3659	0.4618
Sn-117m	1.2497	1.0896	1.1847	0.3458	1.7490	1.5305	1.6395	2.3598
Sn-119m	0.5226	0.3264	0.4257	0.0524	0.5041	0.4948	0.4236	0.5320
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1581	0.1073	0.1585	0.0187	0.1676	0.1501	0.1392	0.1815
Sn-123	0.0049	0.0056	0.0055	0.0018	0.0093	0.0083	0.0128	0.0142
Sn-123m	0.7297	0.7613	0.8135	0.2864	1.2304	1.0230	1.2056	1.8061
Sn-125m	0.7443	0.8001	0.7902	0.2340	1.3486	1.2113	2.2476	2.2269
Sn-125	0.2684	0.2939	0.2920	0.0963	0.4778	0.4321	0.6415	0.7109
Sn-126	0.7867	0.6841	0.8620	0.1671	1.0092	0.8310	1.0029	1.1101
Sn-127m	0.7597	0.8600	0.8640	0.2667	1.3333	1.2814	1.8517	2.2741
Sn-127	1.7315	1.8458	1.8591	0.5865	2.9530	2.7085	3.8583	4.3045
Sn-128	2.3633	2.0311	2.1695	0.4774	3.1727	2.8928	3.4588	4.1853
Sn-129	1.1593	1.1109	1.1024	0.3347	1.8211	1.6866	2.4160	2.5440

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Sn-130	2.3798	2.2091	2.3079	0.5901	3.4722	3.0627	3.7472	4.8112
Sn-130m	1.4189	1.3547	1.4049	0.4015	2.1522	1.9077	2.4728	2.8390
Sr-79	0.9125	0.9147	0.9724	0.2375	1.3921	1.1823	1.5280	1.7155
Sr-80	1.0744	0.9938	1.0751	0.2695	1.4444	1.2916	1.6726	2.1272
Sr-81	1.1742	1.2471	1.3165	0.4219	1.9294	1.7095	2.2066	2.9238
Sr-82	0.5348	0.4441	0.5261	0.1048	0.5558	0.4576	0.4808	0.7420
Sr-83	1.3568	1.2618	1.3841	0.3569	1.8060	1.5855	2.0139	2.5267
Sr-85	1.2959	1.2821	1.3654	0.3550	1.8647	1.7042	2.2825	2.9881
Sr-85m	1.0422	1.0029	1.1004	0.2702	1.4291	1.3446	1.5204	2.0071
Sr-87m	0.6523	0.7454	0.7887	0.2386	1.1132	1.0858	1.6526	1.8821
Sr-89	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.6962	0.7225	0.7157	0.2299	1.1893	1.0687	1.5436	1.7496
Sr-92	0.8192	0.9040	0.8965	0.3222	1.4303	1.3623	1.9155	1.8453
Sr-93	2.3269	2.3684	2.3842	0.7408	3.7738	3.4785	4.8276	5.3364
Sr-94	0.8608	0.9385	0.9266	0.3398	1.4718	1.4139	1.9593	1.8651
Ta-170	0.9565	0.9542	1.3848	0.2697	1.5019	1.1571	1.6529	1.9759
Ta-172	2.1644	2.2105	2.8622	0.6441	3.4989	2.8710	4.1036	4.7583
Ta-173	1.6198	1.6106	2.5356	0.4685	2.5820	1.8133	2.7197	3.2973
Ta-174	1.7016	1.6844	2.3977	0.4526	2.6398	2.0642	2.8866	3.5737
Ta-175	2.2422	2.3126	3.0819	0.6722	3.6543	2.8453	4.2105	4.8048
Ta-176	2.2904	2.3649	3.0763	0.7348	3.7222	3.0821	4.5142	4.7998
Ta-177	0.7348	0.7343	1.2072	0.1923	1.1909	0.7514	1.1874	1.4192
Ta-178	0.7793	0.7730	1.3010	0.2064	1.2505	0.7938	1.2656	1.4903
Ta-178m	4.2104	4.3719	5.5011	1.2204	6.8587	5.6631	8.7684	9.9560
Ta-179	0.3904	0.3683	0.7523	0.1036	0.5887	0.3573	0.5886	0.7299
Ta-180	0.6335	0.6253	1.0727	0.1644	1.0126	0.6279	1.0085	1.2021
Ta-182	1.8777	1.9366	2.4820	0.6054	3.0770	2.4703	3.6285	4.1258
Ta-182m	1.9138	1.8751	3.1109	0.6036	2.9486	2.1603	3.0492	4.1893
Ta-183	1.9499	1.8816	2.9983	0.5579	2.8794	2.1883	3.1587	3.8625
Ta-184	3.1602	3.2653	3.9951	1.0125	5.0018	4.4663	6.3560	7.4641
Ta-185	1.0461	1.0030	1.6706	0.3175	1.5572	1.1598	1.6099	2.2451
Ta-186	2.9665	2.9660	3.3244	0.8455	4.6392	4.1585	5.6263	6.9605
Tb-146	1.8536	2.0497	2.0846	0.7104	3.1947	2.9963	4.1967	4.1805
Tb-147m	1.1765	1.2798	1.4295	0.4036	2.0539	1.8038	2.5012	2.2751
Tb-147	1.9830	2.1248	2.3350	0.6476	3.4922	3.0112	4.2260	4.4039
Tb-148m	3.8225	3.9209	4.1338	1.2135	6.3569	5.6696	7.9069	8.8170
Tb-148	1.7415	1.7711	1.8868	0.5432	2.8629	2.5117	3.3782	3.6232
Tb-149m	1.7110	1.6890	1.8809	0.4979	2.8103	2.3282	3.0297	3.3220
Tb-149	1.8443	1.9585	2.1961	0.5826	3.2057	2.7326	3.8757	4.1729

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tb-150m	3.8990	3.9268	4.1531	1.1363	6.4134	5.7531	8.2624	9.0959
Tb-150	2.0375	2.0439	2.2278	0.5850	3.3142	2.9310	4.0790	4.0663
Tb-151	2.4862	2.5952	3.0079	0.6985	4.1482	3.5376	4.8492	5.1754
Tb-151m	0.4588	0.4215	1.0057	0.1275	0.6523	0.4636	0.7129	0.8341
Tb-152m	2.1713	2.2898	2.7498	0.6274	3.6934	3.0885	4.5305	4.8191
Tb-152	1.6669	1.7732	1.9822	0.5012	2.9076	2.5113	3.8099	3.7704
Tb-153	1.4466	1.5000	1.9441	0.3638	2.4460	1.9150	2.5113	2.7230
Tb-154	1.9982	2.1025	2.4415	0.5988	3.3589	2.8959	3.9586	3.7694
Tb-155	1.4038	1.4754	1.9508	0.3667	2.3806	1.7912	2.3690	2.3841
Tb-156	2.8428	3.0274	3.4782	0.8451	4.9056	4.2088	5.9170	6.4561
Tb-156m	0.3700	0.4538	0.5293	0.0723	0.7970	0.4941	0.7571	0.6711
Tb-156n	0.1228	0.0992	0.3341	0.0355	0.1443	0.0936	0.1491	0.1911
Tb-157	0.1297	0.1110	0.3278	0.0348	0.1729	0.1122	0.1685	0.1951
Tb-158	1.4072	1.4929	1.8987	0.4143	2.4729	1.9550	2.7486	2.9956
Tb-160	1.3799	1.4635	1.6373	0.4453	2.3748	2.0486	3.0373	3.3408
Tb-161	0.6128	0.5367	0.8938	0.1201	0.8592	0.6285	0.8159	0.8798
Tb-162	2.0558	2.0411	2.2537	0.6101	3.1289	2.7976	3.6022	4.1739
Tb-163	1.4853	1.6320	1.7255	0.4978	2.5650	2.3984	3.7146	4.1711
Tb-164	3.1914	3.2085	3.4846	0.9792	5.1262	4.5788	6.2912	7.0699
Tb-165	0.6830	0.7332	0.8441	0.2458	1.1633	1.0598	1.5113	1.6041
Tc-101	0.8326	0.8642	0.8578	0.2446	1.4273	1.2795	2.2444	2.2494
Tc-102m	2.1368	2.2753	2.2942	0.7157	3.5647	3.4117	4.9099	5.2877
Tc-102	0.0927	0.1018	0.1028	0.0317	0.1600	0.1521	0.2203	0.2576
Tc-104	1.9715	2.1193	2.1396	0.6746	3.3344	3.1438	4.7527	4.9375
Tc-105	1.4562	1.5315	1.5963	0.4672	2.3591	2.1316	2.9372	3.2934
Tc-91	0.8516	0.8846	0.9009	0.2799	1.3591	1.3087	1.7451	1.6428
Tc-91m	0.5311	0.5920	0.5911	0.1818	0.9219	0.8770	1.2525	1.5055
Tc-92	3.2659	3.4260	3.4772	1.1478	5.3790	4.8913	6.7988	7.3162
Tc-93	1.1836	1.2843	1.2748	0.3888	1.9221	1.8263	2.3202	2.1993
Tc-93m	0.8354	0.9165	0.9545	0.2627	1.3668	1.3226	1.8231	1.8775
Tc-94	3.1162	3.1245	3.1155	0.9446	5.0019	4.4509	5.8282	6.6902
Tc-94m	1.1315	1.1758	1.1743	0.3656	1.8642	1.6685	2.2160	2.4934
Tc-95	1.3052	1.2893	1.2917	0.3470	1.9762	1.7590	2.0694	2.3328
Tc-95m	1.6089	1.6072	1.6275	0.3834	2.4361	2.2204	2.6312	3.3153
Tc-96	3.0543	3.0558	3.0566	0.9375	4.8713	4.2870	5.4062	6.2711
Tc-96m	0.2443	0.2493	0.2673	0.0452	0.3458	0.3101	0.3066	0.3024
Tc-97	0.3853	0.4005	0.4038	0.0608	0.5274	0.4829	0.4338	0.4355
Tc-97m	0.2917	0.2990	0.3131	0.0449	0.4017	0.3607	0.3234	0.3009
Tc-98	1.8526	1.7227	1.7131	0.5236	2.8390	2.5685	3.4989	3.8440
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Tc-99m	0.6142	0.6908	0.7614	0.2560	1.0188	0.8919	1.0103	1.3897
Te-113	0.9836	1.0069	1.0175	0.3199	1.6049	1.4936	2.0673	2.1440
Te-114	1.9705	1.7356	1.8713	0.4547	2.6908	2.4917	3.0601	3.4224
Te-115	1.5331	1.5088	1.5248	0.4624	2.4095	2.2457	3.0265	3.2109
Te-115m	1.8002	1.7693	1.7865	0.5516	2.8159	2.6185	3.5343	3.7308
Te-116	1.3370	1.0059	1.1141	0.1890	1.5532	1.4108	1.4219	1.6951
Te-117	1.5209	1.3544	1.3906	0.3772	2.1564	2.0056	2.5124	2.7372
Te-118	0.6198	0.4062	0.4515	0.0574	0.6388	0.6036	0.5162	0.6751
Te-119	1.5695	1.2822	1.3171	0.3133	2.0801	1.9406	2.4167	2.6724
Te-119m	2.2555	2.1706	2.2625	0.6653	3.4595	3.1260	3.9779	4.6482
Te-121	1.4828	1.2753	1.3172	0.3088	2.0316	1.9184	2.4072	2.8792
Te-121m	1.2182	1.0588	1.1667	0.2200	1.6121	1.4891	1.6029	2.2784
Te-123	0.0252	0.0168	0.0820	0.0079	0.0213	0.0133	0.0239	0.0390
Te-123m	1.0384	0.9768	1.0999	0.3211	1.5669	1.3153	1.4678	2.1595
Te-125m	1.0126	0.7178	0.8348	0.1040	1.1311	1.0031	0.8973	1.1972
Te-127	0.0098	0.0110	0.0115	0.0034	0.0167	0.0162	0.0237	0.0280
Te-127m	0.3267	0.2295	0.2983	0.0361	0.3582	0.3158	0.2890	0.3921
Te-129	0.2508	0.2114	0.2881	0.0522	0.3240	0.2965	0.3575	0.4558
Te-129m	0.2753	0.2014	0.2435	0.0362	0.3176	0.2836	0.2798	0.3611
Te-131	0.9446	1.0140	1.0711	0.3506	1.5962	1.4075	1.8186	2.3824
Te-131m	1.9295	1.9028	1.9512	0.5772	3.0393	2.7123	3.5851	4.1298
Te-132	1.5546	1.3932	1.5074	0.2928	2.0922	1.8808	2.0330	2.6344
Te-133	1.3534	1.4426	1.4467	0.4480	2.3368	2.1500	3.4315	3.5430
Te-133m	2.1757	2.2165	2.2470	0.6825	3.5507	3.2145	4.5114	5.1212
Te-134	1.9843	1.9334	2.0396	0.5389	2.9945	2.7074	3.5106	4.2862
Th-223	0.8771	0.8385	1.2045	0.2395	1.1587	0.9482	1.1980	1.4086
Th-224	0.1274	0.1275	0.1561	0.0381	0.1910	0.1642	0.2001	0.2820
Th-226	0.1162	0.1075	0.1644	0.0290	0.1441	0.1226	0.1418	0.1817
Th-227	1.0870	1.0041	1.4776	0.2644	1.3981	1.1894	1.5143	1.8337
Th-228	0.1064	0.0924	0.1628	0.0244	0.1190	0.0980	0.1126	0.1542
Th-229	1.4528	1.3259	2.1200	0.3656	1.7984	1.4671	1.7964	2.2772
Th-230	0.9313	0.9187	0.9938	0.9569	1.2741	1.2711	1.2572	1.3012
Th-231	0.9033	0.7562	1.2624	0.1860	0.9990	0.8393	0.9208	1.2177
Th-232	2.9331	2.9072	3.1180	3.0408	4.0400	3.9965	4.2945	4.1520
Th-233	0.2471	0.2195	0.4044	0.0642	0.3071	0.2538	0.3258	0.4181
Th-234	0.1824	0.1699	0.2472	0.0441	0.2391	0.1832	0.2335	0.2905
Th-235	0.0902	0.0919	0.0996	0.0282	0.1431	0.1306	0.1815	0.2085
Th-236	0.1738	0.1692	0.2222	0.0464	0.2419	0.2103	0.2665	0.3161
Ti-44	1.5513	1.5360	1.9517	0.4512	2.2224	1.5866	2.3798	2.5952
Ti-45	0.0112	0.0084	0.0309	0.0037	0.0116	0.0086	0.0139	0.0193

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Ti-51	0.7587	0.8079	0.7876	0.2329	1.3888	1.2224	2.3256	2.2783
Ti-52	0.7294	0.8070	1.0101	0.2663	1.0822	1.0011	1.0833	1.3392
Tl-190	1.2291	1.3037	1.5619	0.4177	1.9790	1.7911	2.6641	3.0715
Tl-190m	3.3386	3.3536	3.7589	1.0359	5.2672	4.7526	6.9203	7.7945
Tl-194	1.3832	1.4117	1.8158	0.4428	2.1263	1.8451	2.7477	3.2019
Tl-194m	4.4947	4.4065	5.2427	1.3505	6.8093	6.0432	8.5671	9.8035
Tl-195	2.1029	2.0095	2.9709	0.6369	2.9815	2.4673	3.5494	4.0246
Tl-196	2.3017	2.3760	2.9093	0.7664	3.5617	3.1851	4.6563	5.1119
Tl-197	1.5352	1.4862	2.1855	0.4717	2.1932	1.7203	2.5253	2.9790
Tl-198	2.5082	2.5881	3.1948	0.8375	3.8839	3.4588	5.0563	5.4911
Tl-198m	3.0325	2.9371	3.8132	0.8899	4.4484	3.9090	5.6950	6.5276
Tl-199	1.5139	1.4415	2.1701	0.4371	2.0936	1.6327	2.3299	2.8630
Tl-200	2.2347	2.2910	2.8865	0.7323	3.5275	3.0253	4.6425	5.0871
Tl-201	1.2126	1.1142	1.9238	0.3531	1.5942	1.1411	1.6658	2.0869
Tl-202	1.5299	1.5713	2.1586	0.4960	2.3117	1.9510	2.9103	3.4980
Tl-204	0.0198	0.0178	0.0327	0.0056	0.0251	0.0176	0.0264	0.0326
Tl-206m	4.4730	4.5464	4.9508	1.3371	6.9571	6.4181	8.8543	10.4506
Tl-206	0.0010	0.0009	0.0014	0.0003	0.0013	0.0009	0.0013	0.0016
Tl-207	0.0023	0.0024	0.0024	0.0008	0.0040	0.0035	0.0049	0.0058
Tl-208	2.1795	2.1385	2.2748	0.5799	3.4022	3.2324	4.3242	4.2693
Tl-209	2.4260	2.6783	2.8755	0.9066	3.9605	3.7482	5.0671	5.5668
Tl-210	2.8873	2.9013	3.1718	0.9151	4.5778	4.1226	5.8908	6.2116
Tm-161	2.6128	2.8138	3.7251	0.7311	4.5331	3.4156	4.8859	5.0838
Tm-162	1.5704	1.6497	2.0000	0.4709	2.6285	2.1774	3.0710	3.1126
Tm-163	2.2900	2.4621	3.0813	0.6628	3.9711	3.1143	4.5175	4.6596
Tm-164	0.6174	0.6590	0.9222	0.1690	1.0720	0.7915	1.1652	1.1702
Tm-165	1.8539	1.9404	2.4701	0.4886	3.1037	2.4445	3.4905	3.7550
Tm-166	2.3730	2.4446	3.0295	0.7063	3.8989	3.2257	4.5743	4.7871
Tm-167	1.0736	1.1060	1.6613	0.2451	1.7958	1.2891	1.7997	2.1348
Tm-168	2.6303	2.6667	3.2754	0.7315	4.2935	3.5159	4.7371	5.7225
Tm-170	0.0578	0.0547	0.1118	0.0161	0.0817	0.0553	0.0854	0.0967
Tm-171	0.0083	0.0084	0.0147	0.0021	0.0137	0.0084	0.0136	0.0154
Tm-172	0.4855	0.5049	0.7024	0.1710	0.7772	0.6679	0.9630	1.0226
Tm-173	0.7266	0.8579	0.9564	0.2808	1.2981	1.2450	1.8899	2.1800
Tm-174	3.3682	3.5848	4.0870	1.0954	5.6399	4.9997	7.4227	8.6299
Tm-175	1.4193	1.5394	1.6538	0.4718	2.4692	2.2138	3.2727	3.8331
Tm-176	2.3871	2.5140	2.9392	0.7528	3.9616	3.4929	5.0450	5.7065
U-227	0.9449	0.9021	1.1810	0.2423	1.2557	1.0914	1.3283	1.5623
U-228	0.1188	0.1076	0.1686	0.0269	0.1418	0.1194	0.1343	0.1735
U-230	0.1227	0.1078	0.1808	0.0265	0.1387	0.1154	0.1266	0.1726

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
U-231	1.7285	1.5510	2.3017	0.3903	2.1014	1.7553	2.0261	2.4955
U-232	0.1134	0.0987	0.1689	0.0240	0.1261	0.1049	0.1138	0.1570
U-233	0.0601	0.0515	0.0924	0.0130	0.0659	0.0542	0.0601	0.0838
U-234	0.9094	0.8894	0.9585	0.9242	1.2413	1.2191	1.2386	1.2598
U-235	2.0151	2.0159	2.1273	2.1073	2.7552	2.7240	2.9831	2.9587
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0936	0.0812	0.1398	0.0197	0.1034	0.0862	0.0931	0.1289
U-237	1.5000	1.4481	1.9325	0.3589	2.1076	1.6923	2.0923	2.5877
U-238	0.7896	0.7847	0.8430	0.8110	1.0917	1.1214	1.1168	1.1418
U-239	0.5607	0.5474	0.7097	0.1511	0.7749	0.5858	0.8046	0.8715
U-240	0.3043	0.2686	0.4648	0.0660	0.3543	0.2929	0.3243	0.4211
U-242	0.1863	0.1879	0.2098	0.0500	0.2950	0.2238	0.3259	0.3828
V-47	0.0083	0.0078	0.0144	0.0029	0.0112	0.0102	0.0142	0.0156
V-48	1.6506	1.8447	1.9142	0.6264	3.0254	2.7441	4.0965	4.4019
V-49	0.0688	0.0457	0.2316	0.0221	0.0575	0.0350	0.0654	0.1079
V-50	0.9614	1.0146	1.1540	0.3804	1.5349	1.4791	1.9836	1.9785
V-52	0.8287	0.9164	0.9034	0.3371	1.4293	1.3825	1.9164	1.7992
V-53	0.7973	0.9239	0.9078	0.3012	1.5339	1.3717	2.1292	2.4638
W-177	2.8672	2.9196	4.1849	0.8711	4.5750	3.5189	5.1862	6.2463
W-178	0.3057	0.2665	0.6725	0.0857	0.4072	0.2487	0.4160	0.5517
W-179	0.9093	0.8263	1.6054	0.2242	1.3047	0.8292	1.2682	1.6328
W-179m	0.6052	0.5692	1.0016	0.1612	0.8916	0.5880	0.9061	1.1685
W-181	0.5767	0.5506	1.0177	0.1531	0.8838	0.5382	0.8825	1.0987
W-185m	0.5345	0.4232	1.3786	0.1665	0.5916	0.3949	0.6288	0.9357
W-185	0.0005	0.0005	0.0008	0.0002	0.0007	0.0005	0.0008	0.0010
W-187	0.9593	0.9520	1.1419	0.2885	1.5025	1.2557	1.8064	2.1408
W-188	0.0090	0.0086	0.0119	0.0024	0.0132	0.0109	0.0162	0.0190
W-190	1.3925	1.3625	2.1363	0.4443	2.1688	1.4678	2.1738	2.9540
Xe-120	1.8345	1.5319	1.6886	0.3391	2.4067	2.1185	2.3960	2.9976
Xe-121	1.3445	1.2712	1.3626	0.3368	1.9549	1.7870	2.2283	2.4797
Xe-122	0.7446	0.5946	0.6700	0.1065	0.9374	0.8110	0.8568	1.1071
Xe-123	1.2946	1.2050	1.3097	0.3348	1.8998	1.6470	1.9294	2.5233
Xe-125	1.7188	1.5062	1.6403	0.3225	2.3196	2.0519	2.2069	3.0293
Xe-127	1.6586	1.4982	1.6187	0.3293	2.3417	2.0773	2.3351	3.3368
Xe-127m	1.1199	1.1051	1.2575	0.3169	1.6464	1.4360	1.5449	2.1260
Xe-129m	1.0738	0.8617	1.0174	0.1286	1.3706	1.1195	1.0752	1.4562
Xe-131m	0.4559	0.3614	0.4484	0.0577	0.5696	0.4652	0.4468	0.6223
Xe-133	0.6999	0.6376	0.7827	0.1424	0.9369	0.7390	0.8690	0.9992
Xe-133m	0.5463	0.4464	0.5277	0.0762	0.6886	0.5838	0.5753	0.7791
Xe-135	1.0564	1.0042	1.0768	0.2733	1.3874	1.3640	1.5311	1.7524

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Xe-135m	0.7457	0.7738	0.7884	0.2172	1.2195	1.1422	1.5990	1.9719
Xe-137	0.2601	0.2984	0.3055	0.0949	0.4575	0.4441	0.6516	0.7782
Xe-138	1.1900	1.2231	1.3864	0.3878	1.7721	1.7185	2.3504	2.4778
Y-81	1.0540	1.0808	1.2769	0.3235	1.4699	1.3031	1.5747	1.9057
Y-83	0.8536	0.8294	0.8739	0.2128	1.2221	1.0731	1.3179	1.5805
Y-83m	0.9206	0.9201	0.9761	0.2536	1.2955	1.2502	1.5660	1.8183
Y-84m	2.7756	2.9206	2.9059	0.9525	4.7621	4.2697	6.0449	6.8975
Y-85	0.7255	0.7698	0.7925	0.2211	1.1609	1.0810	1.4909	1.8916
Y-85m	0.8892	0.8737	0.9168	0.2483	1.2799	1.1956	1.5238	1.7132
Y-86	3.0477	3.1411	3.1829	0.9752	4.9225	4.5337	6.4500	7.0032
Y-86m	0.8911	0.8675	0.9207	0.1946	1.3101	1.2116	1.3936	2.0734
Y-87	1.1914	1.2262	1.3006	0.3347	1.7651	1.6414	2.1724	2.8043
Y-87m	0.6379	0.7239	0.7539	0.2246	1.0924	1.0546	1.6294	1.8163
Y-88	2.2891	2.3351	2.4044	0.7351	3.4270	3.1984	4.3415	4.6100
Y-89m	0.8352	0.8954	0.8871	0.2937	1.4761	1.2995	1.8550	2.2036
Y-90	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001
Y-90m	1.5756	1.6537	1.6940	0.4257	2.5368	2.3845	3.0920	4.2720
Y-91	0.0019	0.0021	0.0021	0.0007	0.0035	0.0032	0.0048	0.0047
Y-91m	0.8175	0.8367	0.8342	0.2428	1.3304	1.2566	1.8084	2.1248
Y-92	0.2170	0.2371	0.2354	0.0783	0.3835	0.3499	0.5062	0.5752
Y-93	0.1272	0.1283	0.1321	0.0384	0.1903	0.1819	0.2479	0.2594
Y-94	0.6518	0.7029	0.6985	0.2294	1.1467	1.0302	1.4871	1.7019
Y-95	0.5418	0.5660	0.5742	0.1809	0.8735	0.8229	1.1419	1.1107
Yb-162	1.2980	1.3917	1.9122	0.3963	2.2326	1.6589	2.2929	2.7220
Yb-163	1.0386	1.0776	1.6117	0.2991	1.7413	1.2851	1.9311	2.1253
Yb-164	0.5352	0.5821	0.9083	0.1247	0.9806	0.6122	0.9651	0.9986
Yb-165	1.5673	1.5911	2.7708	0.4211	2.5070	1.6919	2.6186	2.8337
Yb-166	1.0313	1.1102	1.7286	0.2462	1.8303	1.1532	1.8061	1.8541
Yb-167	2.2043	2.3413	3.5622	0.6001	3.7365	2.6141	3.7466	4.2025
Yb-169	2.5558	2.6910	3.7646	0.6486	4.3955	3.0392	4.4643	5.2383
Yb-175	0.1169	0.1278	0.1527	0.0383	0.1958	0.1706	0.2537	0.2847
Yb-177	0.3850	0.4217	0.5086	0.1416	0.6768	0.5398	0.7422	0.9177
Yb-178	0.0818	0.0919	0.1096	0.0293	0.1440	0.1327	0.2172	0.2371
Yb-179	1.6052	1.6011	1.6866	0.4691	2.5958	2.3651	3.5131	3.9080
Zn-60	1.0097	0.9679	1.0270	0.2782	1.5828	1.3534	2.0032	2.2023
Zn-61	0.3850	0.4157	0.4300	0.1355	0.6360	0.6134	0.8678	0.9162
Zn-62	0.9378	0.8744	1.5699	0.2703	1.3647	1.1607	1.6676	1.9535
Zn-63	0.1640	0.1602	0.2051	0.0520	0.2589	0.2312	0.3375	0.3820
Zn-65	0.6134	0.5899	1.2129	0.2203	0.9189	0.7717	1.2169	1.4416
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg10	ctr10	mid10	cnr10	avg50	ctr50	mid50	cnr50
Zn-69m	0.6896	0.8020	0.8672	0.2610	1.2159	1.1915	1.7753	2.1302
Zn-71	0.4115	0.4554	0.4598	0.1420	0.7155	0.6721	0.9702	1.1731
Zn-71m	2.3490	2.5276	2.5687	0.7846	3.9799	3.7933	5.6288	6.4719
Zn-72	1.0591	1.0307	1.9345	0.3901	1.5005	1.2276	1.5368	2.2112
Zr-85	0.7077	0.7970	0.8184	0.2540	1.2098	1.1706	1.6968	1.9646
Zr-86	2.1088	1.9686	2.0654	0.4473	2.6711	2.5114	2.6484	3.2841
Zr-87	0.1423	0.1420	0.1462	0.0358	0.2018	0.1835	0.2209	0.2490
Zr-88	1.1441	1.2434	1.3090	0.3517	1.7666	1.7018	2.3260	2.7282
Zr-89	1.2107	1.2497	1.2600	0.3629	1.9266	1.7060	2.2523	2.7169
Zr-89m	0.8789	0.8604	0.8546	0.2484	1.3785	1.2978	1.8500	2.0528
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.8953	0.8469	0.8458	0.2695	1.3890	1.2336	1.6104	1.8336
Zr-97	1.0450	1.0134	1.0128	0.3213	1.6479	1.4783	1.9682	2.2284

Table 29: Concrete Infinite Contamination Thickness for 100x100x10 ft and 200x200x20 ft rooms

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ac-223	0.0411	0.0338	0.0374	0.0523	0.2107	0.1866	0.1624	0.2427
Ac-224	0.4370	0.3802	0.2997	0.4825	2.5219	2.1240	1.7422	2.4436
Ac-225	0.0581	0.0485	0.0528	0.0720	0.2883	0.2664	0.2516	0.3870
Ac-226	0.2084	0.1737	0.1367	0.2355	1.2287	1.0109	0.9037	1.1855
Ac-227	0.0099	0.0077	0.0125	0.0154	0.0408	0.0410	0.0358	0.0560
Ac-228	0.3528	0.3024	0.2656	0.4037	2.1108	1.6126	1.9515	2.6652
Ac-230	0.1591	0.1370	0.1360	0.1868	0.9442	0.7219	0.9003	1.1929
Ac-231	0.4773	0.3983	0.3115	0.4905	2.8951	2.2933	2.0233	2.5811
Ac-232	0.2697	0.2324	0.2435	0.3204	1.6188	1.1991	1.6051	2.3085
Ac-233	0.2409	0.2040	0.1518	0.2571	1.5336	1.2218	0.9444	1.8077
Ag-100m	0.4687	0.4040	0.3498	0.5277	2.9413	2.1546	2.6190	4.6555
Ag-101	0.3773	0.3145	0.2565	0.3892	2.3555	1.7626	1.8698	2.5312
Ag-102m	0.3014	0.2600	0.2440	0.3315	1.9059	1.4213	1.8176	2.3134
Ag-102	0.6987	0.6054	0.5074	0.7757	4.4088	3.3068	3.7725	6.1408
Ag-103	0.3582	0.3109	0.2518	0.3837	2.1808	1.8055	1.7397	2.3339
Ag-104	0.8378	0.7302	0.5872	0.9090	5.2412	3.9753	4.4956	7.2873
Ag-104m	0.3460	0.2994	0.2454	0.3509	2.1675	1.6911	1.7313	2.7843
Ag-105	0.4202	0.3549	0.2946	0.3812	2.5336	2.0143	1.9207	2.5953
Ag-105m	0.0032	0.0023	0.0045	0.0061	0.0139	0.0139	0.0059	0.0111
Ag-106	0.0808	0.0737	0.0595	0.0679	0.4780	0.4124	0.3398	0.5151
Ag-106m	1.0190	0.8832	0.7075	1.0929	6.3639	4.8278	5.2907	8.1098
Ag-108	0.0086	0.0075	0.0060	0.0076	0.0511	0.0411	0.0402	0.0812
Ag-108m	0.7673	0.6517	0.4972	0.7697	4.7078	3.6058	3.6870	6.9230
Ag-109m	0.0537	0.0509	0.0470	0.0366	0.2866	0.2808	0.2322	0.3005
Ag-110	0.0116	0.0098	0.0073	0.0115	0.0717	0.0545	0.0561	0.1330
Ag-110m	0.7967	0.6854	0.5473	0.8995	5.0182	3.6760	4.5482	7.9255
Ag-111	0.0203	0.0160	0.0128	0.0202	0.1281	0.0947	0.0910	0.1111
Ag-111m	0.0295	0.0275	0.0272	0.0212	0.1555	0.1511	0.1290	0.1601
Ag-112	0.1851	0.1580	0.1318	0.1970	1.1585	0.8639	0.9782	1.8866
Ag-113m	0.1444	0.1161	0.0944	0.1463	0.8988	0.6867	0.6495	0.9340
Ag-113	0.0452	0.0359	0.0289	0.0452	0.2876	0.2149	0.2031	0.2661
Ag-114	0.0771	0.0657	0.0531	0.0821	0.4898	0.3738	0.3792	0.6696
Ag-115	0.1653	0.1412	0.1171	0.1754	1.0425	0.7540	0.8537	1.0333
Ag-116	0.4569	0.3945	0.3330	0.4903	2.9400	2.2216	2.5948	3.3696
Ag-117	0.3192	0.2680	0.2481	0.3743	2.0232	1.5346	1.8234	2.2306
Ag-99	0.4799	0.4017	0.3382	0.5293	3.0351	2.2045	2.5857	3.2647
Al-26	0.2847	0.2511	0.2915	0.3723	1.8102	1.2440	1.8282	2.2608
Al-28	0.2788	0.2474	0.2827	0.3682	1.7731	1.2195	1.7536	2.2331

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Al-29	0.2313	0.2042	0.2163	0.2800	1.4431	1.0449	1.7102	1.7357
Am-237	0.4879	0.4261	0.3525	0.5094	2.8633	2.4559	2.0914	2.9500
Am-238	0.4860	0.4367	0.3668	0.5327	2.8697	2.4016	2.4826	3.6628
Am-239	0.5344	0.4833	0.4083	0.5598	3.0215	2.7425	2.2292	3.2496
Am-240	0.5234	0.4699	0.4075	0.5817	3.0568	2.5120	2.9247	3.8723
Am-241	0.8229	0.8044	0.7513	0.8053	0.8562	0.8338	0.8809	0.9063
Am-242	0.0740	0.0673	0.0656	0.0760	0.3812	0.3641	0.3198	0.4683
Am-242m	0.0447	0.0391	0.0466	0.0484	0.2050	0.1980	0.1956	0.2695
Am-243	0.1814	0.1479	0.1237	0.2063	1.0374	0.8937	0.6461	0.9656
Am-244	0.4540	0.3944	0.3465	0.5028	2.6094	2.1606	2.2981	3.7427
Am-244m	0.0267	0.0239	0.0256	0.0275	0.1326	0.1219	0.1273	0.1684
Am-245	0.0588	0.0512	0.0431	0.0630	0.3425	0.2938	0.2486	0.3271
Am-246	0.6044	0.5284	0.4502	0.6314	3.4260	2.8627	2.7839	4.5481
Am-246m	0.3029	0.2656	0.2339	0.3499	1.8457	1.3825	1.8870	2.4332
Am-247	0.2127	0.1854	0.1521	0.2236	1.2543	1.0757	0.8867	1.2072
Ar-37	0.0029	0.0019	0.0049	0.0068	0.0107	0.0119	0.0023	0.0072
Ar-39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-41	0.2262	0.2005	0.2108	0.2820	1.4053	1.0171	1.6372	1.7439
Ar-42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ar-43	0.3039	0.2662	0.2417	0.3548	1.9369	1.3875	2.0126	2.4425
Ar-44	0.4593	0.4046	0.3738	0.5607	2.8937	2.0972	2.5948	3.2865
As-68	0.5931	0.5167	0.4589	0.6898	3.7557	2.6935	3.8080	5.2309
As-69	0.0838	0.0696	0.0612	0.1009	0.5143	0.3913	0.3978	0.4881
As-70	0.7699	0.6694	0.6093	0.9107	4.8575	3.4853	4.9057	6.5844
As-71	0.2724	0.2230	0.1948	0.3656	1.6018	1.3538	1.1281	1.6477
As-72	0.2476	0.2118	0.1736	0.2968	1.5607	1.1451	1.4497	2.2983
As-73	0.1241	0.0859	0.1902	0.2555	0.4991	0.5321	0.1958	0.3834
As-74	0.2042	0.1683	0.1441	0.2252	1.2288	0.9677	0.8552	2.0659
As-76	0.1510	0.1282	0.0978	0.1573	0.9563	0.7371	0.7026	1.3677
As-77	0.0078	0.0063	0.0047	0.0081	0.0489	0.0363	0.0328	0.0370
As-78	0.3411	0.2918	0.2474	0.3737	2.1401	1.5874	1.9037	3.3002
As-79	0.0152	0.0126	0.0097	0.0166	0.0959	0.0693	0.0801	0.1121
At-204	1.0383	0.8649	0.6647	1.1380	6.4083	4.9454	4.6626	8.5440
At-205	0.5082	0.4226	0.3548	0.6012	3.0300	2.4057	2.2823	4.0096
At-206	1.0693	0.8926	0.7040	1.1930	6.5823	4.9852	5.1328	8.3592
At-207	0.8059	0.6761	0.5739	0.9439	4.8867	3.7870	3.8939	6.3088
At-208	1.2333	1.0404	0.8325	1.3962	7.5132	5.7957	6.1151	10.7568
At-209	1.1226	0.9476	0.7464	1.2969	6.8371	5.3399	5.1353	8.7345
At-210	0.9810	0.8326	0.7741	1.1938	5.9512	4.4465	5.2549	6.4577
At-211	0.1124	0.0910	0.0820	0.1436	0.6175	0.5357	0.3774	0.6676

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
At-215	0.0001	0.0001	0.0001	0.0001	0.0007	0.0005	0.0006	0.0008
At-216	0.0058	0.0047	0.0041	0.0072	0.0331	0.0282	0.0204	0.0331
At-217	0.0003	0.0002	0.0002	0.0003	0.0017	0.0013	0.0011	0.0014
At-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
At-220	0.3851	0.3106	0.2395	0.3964	2.4009	1.7579	1.6973	2.0289
Au-186	0.5545	0.4679	0.3787	0.6049	3.3803	2.5973	2.5641	3.3838
Au-187	0.4524	0.3733	0.3714	0.5524	2.6677	2.1353	2.1308	2.8469
Au-190	0.7018	0.5720	0.5309	0.7649	4.3545	3.3527	3.5963	4.1505
Au-191	0.5586	0.4500	0.4021	0.6468	3.3149	2.6871	2.3121	3.3529
Au-192	0.6465	0.5303	0.5098	0.7268	3.9880	3.0884	3.1904	3.9806
Au-193	0.3380	0.2717	0.2576	0.4066	1.9446	1.6613	1.2811	1.6703
Au-193m	0.2759	0.2143	0.2044	0.3249	1.6302	1.2479	1.1187	1.2138
Au-194	0.5059	0.4107	0.3889	0.5784	3.0704	2.4178	2.3132	3.0543
Au-195	0.2762	0.2219	0.2381	0.3552	1.5128	1.3727	0.9761	1.3841
Au-195m	0.2773	0.2152	0.2063	0.3260	1.6367	1.2598	1.1220	1.2441
Au-196	0.4629	0.3655	0.3264	0.5109	2.7820	2.1869	1.9780	2.5680
Au-196m	0.5023	0.4015	0.3904	0.6687	2.8173	2.4576	1.9117	2.8139
Au-198	0.2500	0.2016	0.1582	0.2739	1.5353	1.0716	1.3031	1.6444
Au-198m	0.8298	0.7205	0.5527	0.8878	4.9192	4.0231	3.2097	4.0583
Au-199	0.1639	0.1300	0.1041	0.2227	0.9740	0.8666	0.6951	1.1095
Au-200	0.0875	0.0727	0.0660	0.0989	0.5425	0.3911	0.5137	0.6022
Au-200m	1.1677	0.9631	0.7267	1.2644	7.3198	5.5792	5.2575	8.0451
Au-201	0.0254	0.0205	0.0198	0.0316	0.1466	0.1217	0.0995	0.1802
Au-202	0.0575	0.0487	0.0407	0.0654	0.3608	0.2626	0.3268	0.4153
Ba-124	0.2849	0.2575	0.2158	0.2586	1.7340	1.5416	1.5541	1.6211
Ba-126	0.3748	0.3326	0.2765	0.3401	2.3086	1.9193	2.0182	2.1209
Ba-127	0.1524	0.1422	0.1223	0.1329	0.9179	0.8616	0.8243	0.8165
Ba-128	0.1562	0.1460	0.1331	0.1105	0.9317	0.9143	0.8655	0.6729
Ba-129	0.1672	0.1573	0.1377	0.1319	1.0008	0.9394	0.9043	0.7866
Ba-129m	0.7314	0.6455	0.5237	0.7534	4.5178	3.6016	3.9246	4.9297
Ba-131	0.4461	0.3990	0.3186	0.4109	2.7543	2.3913	2.1451	2.3860
Ba-131m	0.1947	0.1863	0.1511	0.1812	1.1725	1.1598	0.9015	1.0626
Ba-133	0.5062	0.4373	0.3704	0.4526	3.0740	2.6709	2.4506	2.5934
Ba-133m	0.1409	0.1269	0.1232	0.1203	0.8328	0.7925	0.7326	0.5893
Ba-135m	0.1262	0.1161	0.1051	0.0960	0.7631	0.7267	0.6919	0.5208
Ba-137m	0.2316	0.1959	0.1467	0.2286	1.4342	1.1059	1.1361	2.6098
Ba-139	0.0617	0.0509	0.0350	0.0778	0.3841	0.3481	0.2973	0.4352
Ba-140	0.1343	0.1134	0.1002	0.1466	0.8098	0.6954	0.5788	0.8808
Ba-141	0.4600	0.3892	0.2996	0.4711	2.8916	2.1740	2.2265	2.8666

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ba-142	0.4115	0.3511	0.2924	0.4462	2.5815	1.9332	2.3639	2.6715
Be-10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Be-7	0.0259	0.0218	0.0157	0.0277	0.1666	0.1285	0.1085	0.1668
Bi-197	0.5814	0.4914	0.4393	0.7130	3.4978	2.7023	3.0093	4.3194
Bi-200	1.2037	0.9988	0.8123	1.3705	7.3999	5.5399	6.0166	7.7797
Bi-201	0.5990	0.5073	0.4626	0.7413	3.6124	2.7761	3.1324	4.3937
Bi-202	1.1058	0.9263	0.7636	1.2707	6.7821	5.0830	5.8239	8.5991
Bi-203	0.7557	0.6411	0.5907	0.9333	4.6071	3.4892	3.9745	5.7317
Bi-204	1.1064	0.9310	0.7918	1.3030	6.7911	5.0576	6.0787	8.2786
Bi-205	0.5742	0.4842	0.4538	0.7053	3.4606	2.6537	2.8906	4.4066
Bi-206	1.2887	1.0886	0.8986	1.5190	7.9649	6.0852	6.4052	9.9215
Bi-207	0.6436	0.5423	0.4611	0.7453	3.9094	3.0459	3.1707	4.9971
Bi-208	0.3828	0.3258	0.3137	0.3947	2.3808	1.8507	2.5803	2.0093
Bi-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-210m	0.2507	0.1959	0.1603	0.2617	1.5701	1.1765	1.0446	1.2353
Bi-211	0.0378	0.0298	0.0249	0.0400	0.2329	0.1751	0.1681	0.2206
Bi-212n	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bi-212	0.0420	0.0348	0.0365	0.0542	0.2385	0.1885	0.2082	0.3546
Bi-213	0.0800	0.0656	0.0508	0.0886	0.4939	0.3681	0.3693	0.5160
Bi-214	0.3383	0.2926	0.2670	0.3872	2.1271	1.5527	1.9783	3.0580
Bi-215	0.1797	0.1441	0.1195	0.1963	1.1065	0.8528	0.7701	1.0485
Bi-216	0.3707	0.3095	0.2283	0.3899	2.3337	1.7814	1.6298	2.9043
Bk-245	0.4497	0.3994	0.3299	0.4847	2.6116	2.3068	1.8881	2.6541
Bk-246	0.4822	0.4277	0.3677	0.5403	2.8112	2.3473	2.4350	3.6906
Bk-247	0.2514	0.2136	0.1629	0.2731	1.5133	1.2658	0.9633	1.3647
Bk-248m	0.0953	0.0861	0.0756	0.0998	0.5309	0.4873	0.3983	0.6180
Bk-249	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Bk-250	0.2606	0.2310	0.2019	0.2994	1.6051	1.1699	1.7825	2.0240
Bk-251	0.2099	0.1864	0.1618	0.2378	1.1814	1.0849	0.8788	1.2893
Br-72	0.4760	0.4122	0.3600	0.5635	3.0074	2.1766	2.9597	3.9170
Br-73	0.2561	0.2116	0.1791	0.2856	1.5644	1.2271	1.2644	1.8053
Br-74	0.5449	0.4567	0.4036	0.5883	3.4086	2.4971	3.4933	4.4219
Br-74m	0.6747	0.5713	0.4917	0.7359	4.2089	3.1117	3.9331	6.4675
Br-75	0.3414	0.2692	0.2267	0.3659	2.1253	1.5992	1.5083	1.9072
Br-76	0.4983	0.4222	0.3890	0.5632	3.0902	2.3345	2.8179	4.0843
Br-76m	0.1989	0.1578	0.1987	0.2145	0.9536	0.8999	0.9846	1.2590
Br-77	0.2615	0.2102	0.2070	0.3162	1.4902	1.1804	1.1001	1.6228
Br-77m	0.0888	0.0737	0.0897	0.1181	0.4093	0.3900	0.4140	0.6866
Br-78	0.0394	0.0325	0.0280	0.0425	0.2326	0.1825	0.1776	0.4199
Br-80	0.0247	0.0203	0.0182	0.0274	0.1436	0.1132	0.1120	0.2632

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Br-80m	0.1696	0.1403	0.1845	0.1979	0.7770	0.7616	0.9203	1.1754
Br-82m	0.0630	0.0483	0.0747	0.0928	0.2446	0.2331	0.3183	0.5238
Br-82	0.8076	0.6927	0.5450	0.9020	5.1065	3.8041	4.3568	7.6612
Br-83	0.0032	0.0027	0.0019	0.0033	0.0206	0.0163	0.0128	0.0246
Br-84m	0.7601	0.6555	0.5657	0.9139	4.7886	3.4014	4.4684	5.9973
Br-84	0.2808	0.2411	0.2226	0.3317	1.7932	1.2770	1.9278	2.2262
Br-85	0.0179	0.0155	0.0126	0.0213	0.1144	0.0824	0.1104	0.1590
C-10	0.2447	0.2071	0.1532	0.2657	1.5395	1.1478	1.2777	2.6502
C-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0051	0.0034	0.0087	0.0121	0.0190	0.0213	0.0042	0.0129
Ca-45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ca-47	0.2027	0.1787	0.1789	0.2491	1.2670	0.9238	1.3866	1.5752
Ca-49	0.2453	0.1901	0.1837	0.2876	1.5505	1.1390	2.4278	1.3240
Cd-101	0.4926	0.4460	0.3982	0.5348	3.0365	2.4234	2.7000	3.6774
Cd-102	0.3980	0.3504	0.2802	0.3858	2.4313	1.9744	1.8701	2.5991
Cd-103	0.4061	0.3628	0.3480	0.4267	2.4848	1.9116	2.4429	2.9642
Cd-104	0.3016	0.2697	0.2176	0.2666	1.7388	1.5391	1.2426	2.0262
Cd-105	0.2784	0.2484	0.2371	0.2820	1.6873	1.3138	1.6047	2.0469
Cd-107	0.1541	0.1480	0.1371	0.0944	0.8167	0.8076	0.6942	0.8723
Cd-109	0.1427	0.1368	0.1277	0.0872	0.7532	0.7453	0.6409	0.8008
Cd-111m	0.3716	0.3028	0.2349	0.3824	2.3009	1.7908	1.6643	1.7784
Cd-113	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0001	0.0001	0.0001	0.0001	0.0008	0.0007	0.0006	0.0006
Cd-115	0.1005	0.0855	0.0622	0.1019	0.6424	0.5114	0.4069	0.6982
Cd-115m	0.0081	0.0071	0.0061	0.0096	0.0514	0.0370	0.0540	0.0661
Cd-117	0.3394	0.2872	0.2548	0.3855	2.1357	1.5584	1.8732	2.2949
Cd-117m	0.4075	0.3538	0.3442	0.4740	2.5877	1.8533	2.6634	3.2600
Cd-118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cd-119	0.4125	0.3494	0.3268	0.4717	2.6217	1.9072	2.3489	2.8288
Cd-119m	0.4755	0.4145	0.3956	0.5546	3.0080	2.1581	3.1064	3.7939
Ce-130	0.4148	0.3688	0.3085	0.4002	2.5508	2.2433	2.1647	2.2889
Ce-131	0.5272	0.4554	0.3877	0.5642	3.2510	2.6121	2.8254	3.6326
Ce-132	0.3946	0.3523	0.2636	0.3722	2.4149	2.1178	1.9426	2.0357
Ce-133	0.3486	0.3292	0.2736	0.2866	2.0985	2.0570	1.7115	1.8333
Ce-133m	0.7422	0.6522	0.5597	0.7574	4.6222	3.8041	3.9129	4.9088
Ce-134	0.1194	0.1160	0.1114	0.0776	0.7036	0.7418	0.7130	0.4909
Ce-135	0.5513	0.4732	0.3844	0.5161	3.4384	2.8097	2.7052	3.4687
Ce-137	0.1339	0.1270	0.1299	0.1020	0.7725	0.8071	0.7548	0.5501
Ce-137m	0.1219	0.1104	0.1040	0.0949	0.7321	0.6910	0.6692	0.5063

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ce-139	0.3060	0.2675	0.2117	0.3233	1.8680	1.7883	1.5870	1.8466
Ce-141	0.1249	0.1028	0.0784	0.1602	0.7769	0.7188	0.6007	0.8586
Ce-143	0.2781	0.2350	0.2065	0.2419	1.7136	1.4549	1.3639	1.4617
Ce-144	0.0372	0.0320	0.0266	0.0417	0.2279	0.2092	0.1757	0.2091
Ce-145	0.4504	0.3916	0.3342	0.4273	2.7712	2.3030	2.4275	3.2058
Cf-244	0.0162	0.0145	0.0164	0.0162	0.0755	0.0727	0.0724	0.0978
Cf-246	0.0111	0.0099	0.0113	0.0111	0.0520	0.0501	0.0497	0.0671
Cf-247	0.2900	0.2602	0.2436	0.3160	1.5674	1.4627	1.2115	1.7640
Cf-248	0.0134	0.0120	0.0135	0.0134	0.0627	0.0602	0.0598	0.0807
Cf-249	0.2635	0.2146	0.1810	0.2779	1.5724	1.1664	1.3037	1.6334
Cf-250	0.0128	0.0113	0.0121	0.0130	0.0639	0.0579	0.0600	0.0806
Cf-251	0.2561	0.2284	0.1892	0.2769	1.4590	1.3049	1.0805	1.5418
Cf-252	0.1300	0.1111	0.0965	0.1434	0.8037	0.6079	0.7229	0.9531
Cf-253	0.0352	0.0314	0.0360	0.0346	0.1688	0.1663	0.1473	0.1869
Cf-254	4.4104	3.7559	3.1773	4.9061	27.8336	20.6869	24.9507	32.7743
Cf-255	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cl-34m	0.2634	0.2188	0.2186	0.3313	1.6762	1.2838	1.7741	1.8743
Cl-36	0.0000	0.0000	0.0001	0.0001	0.0002	0.0002	0.0000	0.0001
Cl-38	0.2042	0.1809	0.2027	0.2496	1.3131	0.9136	1.3667	1.5155
Cl-39	0.3664	0.3133	0.2965	0.4403	2.3099	1.6408	2.1747	2.3870
Cl-40	0.4974	0.4328	0.4238	0.5879	3.1670	2.2787	3.5725	3.5407
Cm-238	0.2080	0.1920	0.1581	0.2215	1.1799	1.1097	0.8613	1.3418
Cm-239	0.4538	0.4101	0.3015	0.4826	2.6642	2.3244	1.9157	2.7020
Cm-240	0.0187	0.0163	0.0190	0.0195	0.0850	0.0815	0.0872	0.1201
Cm-241	0.5420	0.4761	0.4029	0.5865	3.1324	2.7121	2.3064	3.4815
Cm-242	0.0168	0.0147	0.0171	0.0175	0.0762	0.0731	0.0783	0.1078
Cm-243	0.2674	0.2366	0.2066	0.2827	1.5098	1.3302	1.1128	1.5360
Cm-244	0.0144	0.0126	0.0146	0.0151	0.0654	0.0628	0.0673	0.0926
Cm-245	0.2742	0.2507	0.2097	0.2939	1.5373	1.4429	1.1547	1.7867
Cm-246	0.0124	0.0108	0.0124	0.0130	0.0581	0.0545	0.0589	0.0808
Cm-247	0.2097	0.1691	0.1335	0.2272	1.2834	0.8966	1.1029	1.3516
Cm-248	0.3545	0.3022	0.2585	0.3936	2.2183	1.6595	1.9947	2.6246
Cm-249	0.0181	0.0138	0.0207	0.0298	0.0905	0.0818	0.0499	0.1130
Cm-250	3.4818	2.9651	2.5110	3.8743	21.9693	16.3271	19.7019	25.8443
Cm-251	0.0712	0.0613	0.0484	0.0757	0.4337	0.3533	0.3102	0.5125
Co-54m	0.7252	0.6260	0.5766	0.8714	4.5258	3.1884	4.6293	5.4209
Co-55	0.3260	0.2837	0.2436	0.3921	2.0618	1.4942	2.0216	2.6125
Co-56	0.6343	0.5462	0.5232	0.7720	3.9863	2.8901	4.3415	5.0168
Co-57	0.2239	0.1853	0.1833	0.3289	1.2834	1.1475	0.8165	1.2957

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Co-58	0.2641	0.2234	0.1885	0.3342	1.6425	1.2248	1.4445	2.4281
Co-58m	0.0206	0.0138	0.0351	0.0483	0.0765	0.0855	0.0170	0.0520
Co-60	0.4669	0.4142	0.4186	0.5788	2.9173	2.0932	3.3621	3.6395
Co-60m	0.0268	0.0186	0.0417	0.0569	0.1089	0.1157	0.0384	0.0770
Co-61	0.1752	0.1429	0.1226	0.1909	1.0461	0.9042	0.7138	0.8817
Co-62	0.2769	0.2435	0.2429	0.3256	1.7495	1.2488	2.0708	2.0676
Co-62m	0.4944	0.4342	0.4422	0.5988	3.1103	2.2075	3.6180	3.8251
Cr-48	0.4471	0.3750	0.2954	0.4764	2.8000	2.3359	1.7545	2.5235
Cr-49	0.2115	0.1806	0.1270	0.2513	1.2984	1.1823	0.8265	1.3656
Cr-51	0.0351	0.0260	0.0348	0.0497	0.1936	0.1635	0.1056	0.1574
Cr-55	0.0001	0.0001	0.0001	0.0002	0.0007	0.0005	0.0007	0.0009
Cr-56	0.2713	0.2319	0.1835	0.2888	1.5817	1.4246	0.9152	1.4671
Cs-121	0.1765	0.1494	0.1149	0.1907	1.0977	0.9008	0.8706	1.1559
Cs-121m	0.3242	0.2836	0.2062	0.3179	2.0070	1.5936	1.5575	1.8490
Cs-123	0.2556	0.2305	0.1846	0.2337	1.5619	1.3733	1.2464	1.7474
Cs-124	0.0999	0.0831	0.0711	0.1015	0.6243	0.4744	0.5235	0.6369
Cs-125	0.2178	0.1960	0.1621	0.1957	1.3379	1.1735	1.0931	1.4285
Cs-126	0.1706	0.1432	0.1184	0.1757	1.0504	0.7864	0.9333	1.1169
Cs-127	0.3458	0.3019	0.2535	0.3191	2.0923	1.7499	1.8364	2.0432
Cs-128	0.1189	0.1044	0.0868	0.1109	0.7295	0.6064	0.6199	0.7227
Cs-129	0.3194	0.2854	0.2498	0.2597	1.9097	1.7002	1.7326	1.7396
Cs-130m	0.2384	0.2159	0.1896	0.2091	1.4005	1.3732	1.1218	1.1278
Cs-130	0.0776	0.0745	0.0686	0.0524	0.4556	0.4618	0.4361	0.4028
Cs-131	0.1122	0.1103	0.1044	0.0652	0.6448	0.6947	0.6537	0.5051
Cs-132	0.3639	0.3217	0.2607	0.3212	2.2109	1.8770	1.8852	3.3706
Cs-134	0.5473	0.4642	0.3437	0.5906	3.4576	2.6082	2.7492	5.5538
Cs-134m	0.0802	0.0726	0.0757	0.0834	0.4551	0.4595	0.3874	0.3716
Cs-135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cs-135m	0.4849	0.4171	0.3146	0.5706	3.0960	2.2691	2.8352	4.6506
Cs-136	0.7044	0.6010	0.4882	0.8056	4.4587	3.3139	4.1983	5.5034
Cs-137	1.3527	1.3421	1.3296	1.3395	1.4067	1.3648	1.4441	1.3126
Cs-138m	0.2076	0.1896	0.1621	0.1999	1.2694	1.0726	1.0968	1.1879
Cs-138	0.4960	0.4352	0.4007	0.5879	3.1509	2.2738	3.0784	3.7106
Cs-139	0.0502	0.0438	0.0441	0.0591	0.3172	0.2287	0.3404	0.3935
Cs-140	0.3415	0.2931	0.2635	0.3737	2.1661	1.5918	2.0854	2.9542
Cu-57	0.0245	0.0215	0.0196	0.0290	0.1548	0.1103	0.1790	0.1942
Cu-59	0.1201	0.1025	0.0911	0.1401	0.7567	0.5511	0.7141	0.9113
Cu-60	0.5021	0.4397	0.4540	0.6306	3.1651	2.2555	3.3871	3.9486
Cu-61	0.1010	0.0810	0.0779	0.1197	0.6051	0.4685	0.4497	0.7112
Cu-62	0.0020	0.0017	0.0022	0.0031	0.0112	0.0090	0.0106	0.0128

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Cu-64	0.0134	0.0092	0.0220	0.0304	0.0527	0.0560	0.0178	0.0398
Cu-66	0.0235	0.0208	0.0179	0.0279	0.1496	0.1047	0.1721	0.1891
Cu-67	0.1679	0.1492	0.0980	0.1816	1.0228	0.8498	0.6622	0.9082
Cu-69	0.1434	0.1250	0.1025	0.1669	0.9126	0.6584	0.9075	1.2277
Dy-148	0.3771	0.3131	0.2658	0.3379	2.2741	1.8747	1.7445	3.3202
Dy-149	0.5918	0.5081	0.4708	0.6048	3.6214	2.9330	3.1655	4.0622
Dy-150	0.2467	0.1986	0.1763	0.2389	1.4727	1.1308	1.2726	1.3820
Dy-151	0.5630	0.4739	0.4270	0.5925	3.4425	2.7161	2.9296	3.8357
Dy-152	0.3970	0.3136	0.2754	0.3727	2.4466	1.9157	1.7647	1.5524
Dy-153	0.6544	0.5464	0.4925	0.6130	3.9447	3.3072	3.0861	3.4544
Dy-154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dy-155	0.4670	0.3939	0.3340	0.4339	2.8441	2.2544	2.2495	2.2914
Dy-157	0.3694	0.2933	0.2682	0.3236	2.2592	1.8745	1.6043	1.7919
Dy-159	0.1636	0.1335	0.1423	0.1208	0.9338	0.8889	0.7436	0.6107
Dy-165m	0.0388	0.0308	0.0392	0.0495	0.2072	0.1967	0.1280	0.1663
Dy-165	0.0332	0.0277	0.0244	0.0297	0.1969	0.1746	0.1386	0.1820
Dy-166	0.1314	0.1046	0.1071	0.1226	0.7443	0.6861	0.4941	0.5327
Dy-167	0.3624	0.2919	0.2357	0.3600	2.2671	1.7639	1.5625	2.2745
Dy-168	0.3123	0.2628	0.2040	0.3044	1.9049	1.5263	1.3459	1.8367
Er-154	0.1875	0.1548	0.1685	0.1440	1.0366	1.0142	0.8051	0.7470
Er-156	0.2286	0.1861	0.2164	0.2144	1.2585	1.2178	0.9494	0.8495
Er-159	0.4552	0.3785	0.3303	0.4387	2.7533	2.2244	2.1469	3.3522
Er-161	0.4681	0.3924	0.3461	0.4751	2.8431	2.2768	2.3891	3.0876
Er-163	0.1379	0.1089	0.1164	0.1053	0.7786	0.7347	0.5720	0.5001
Er-165	0.1328	0.1049	0.1127	0.1021	0.7490	0.7076	0.5490	0.4801
Er-167m	0.1356	0.1187	0.0886	0.1182	0.8053	0.6147	0.5369	0.4677
Er-169	0.0006	0.0004	0.0010	0.0014	0.0022	0.0025	0.0005	0.0015
Er-171	0.3886	0.3094	0.2655	0.3805	2.4017	1.9609	1.5610	1.9445
Er-172	0.3689	0.2970	0.2544	0.3585	2.2105	1.7603	1.6671	2.5413
Er-173	0.5731	0.5020	0.3709	0.5725	3.4970	2.7429	2.6554	3.1965
Es-249	0.4024	0.3482	0.2899	0.4435	2.3668	1.9787	1.8516	2.6094
Es-250	1.1098	0.9702	0.8557	1.2003	6.3590	5.4481	5.1039	7.3797
Es-250m	0.3432	0.3066	0.2641	0.3876	2.0141	1.7114	1.7241	2.3523
Es-251	0.2628	0.2342	0.2124	0.2930	1.4459	1.3418	1.1002	1.5988
Es-253	0.0044	0.0039	0.0045	0.0046	0.0211	0.0202	0.0192	0.0256
Es-254	0.1510	0.1304	0.1610	0.1701	0.6989	0.6819	0.6235	0.8397
Es-254m	0.2283	0.1957	0.1614	0.2269	1.3498	1.0840	1.0816	2.2495
Es-255	0.0002	0.0002	0.0001	0.0002	0.0011	0.0008	0.0010	0.0013
Es-256	0.0222	0.0202	0.0220	0.0196	0.1083	0.1071	0.0959	0.1200
Eu-142	0.0611	0.0532	0.0490	0.0683	0.3844	0.2906	0.3625	0.5010

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Eu-142m	0.8316	0.7150	0.5719	0.9327	5.2555	3.9222	4.6863	7.2770
Eu-143	0.1036	0.0916	0.0932	0.1094	0.6382	0.5106	0.6300	0.6751
Eu-144	0.0494	0.0440	0.0454	0.0552	0.3065	0.2396	0.2869	0.3378
Eu-145	0.4266	0.3713	0.3427	0.4470	2.6450	2.0845	2.5014	3.2033
Eu-146	0.7987	0.6823	0.5742	0.8295	4.9591	3.8245	4.3247	7.4559
Eu-147	0.3659	0.3217	0.2779	0.3349	2.2178	1.8753	1.8834	2.1009
Eu-148	0.9325	0.7925	0.6384	0.9399	5.8116	4.5497	4.5732	8.0714
Eu-149	0.1582	0.1347	0.1442	0.1312	0.9201	0.8595	0.7882	0.6605
Eu-150	0.8446	0.6990	0.5787	0.8427	5.2686	4.0903	4.1118	5.7845
Eu-150m	0.0332	0.0276	0.0254	0.0305	0.2020	0.1649	0.1719	0.1823
Eu-152	0.4966	0.4258	0.3823	0.5284	3.0754	2.4327	2.7895	3.2476
Eu-152m	0.1331	0.1153	0.1016	0.1390	0.8235	0.6635	0.7732	0.9221
Eu-152n	0.2073	0.1809	0.1533	0.2317	1.2122	1.1186	0.7145	1.1061
Eu-154	0.4217	0.3628	0.3132	0.4850	2.6301	2.0205	2.4354	3.2056
Eu-154m	0.2216	0.1922	0.1899	0.2340	1.2703	1.2128	0.8957	1.0539
Eu-155	0.1559	0.1378	0.1083	0.1569	0.9335	0.8605	0.5872	0.8434
Eu-156	0.2837	0.2457	0.2363	0.3231	1.7728	1.3202	1.7869	2.2209
Eu-157	0.3000	0.2447	0.2293	0.2881	1.7829	1.4905	1.4067	1.6369
Eu-158	0.3669	0.3169	0.2786	0.4217	2.2947	1.7054	2.2894	2.8392
Eu-159	0.3221	0.2700	0.2449	0.2993	1.9151	1.6915	1.4779	1.8077
F-17	0.0001	0.0001	0.0001	0.0001	0.0005	0.0004	0.0005	0.0008
F-18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-52	0.2312	0.1876	0.1275	0.3096	1.4284	1.2528	1.0305	1.6137
Fe-53	0.1082	0.0861	0.0700	0.1157	0.6683	0.4679	0.5614	0.6844
Fe-53m	0.7038	0.6137	0.5390	0.8129	4.4387	3.2055	4.5511	6.2880
Fe-55	0.0170	0.0114	0.0290	0.0401	0.0633	0.0707	0.0139	0.0429
Fe-59	0.2446	0.2164	0.2069	0.2958	1.5335	1.0978	1.7624	1.8859
Fe-60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fe-61	0.3361	0.2904	0.2669	0.3939	2.1266	1.5324	2.1977	2.4758
Fe-62	0.2471	0.2109	0.1482	0.2606	1.6080	1.2819	0.9453	1.6318
Fm-251	0.2477	0.2174	0.1937	0.2891	1.4125	1.2730	1.0329	1.5104
Fm-252	0.0116	0.0105	0.0115	0.0108	0.0558	0.0543	0.0507	0.0658
Fm-253	0.2079	0.1848	0.1789	0.2225	1.1134	1.0406	0.8672	1.1948
Fm-254	0.0135	0.0121	0.0129	0.0129	0.0676	0.0632	0.0613	0.0798
Fm-255	0.1250	0.1103	0.1270	0.1284	0.5903	0.5743	0.5318	0.6998
Fm-256	3.2780	2.7917	2.3574	3.6430	20.6828	15.3825	18.5260	24.4183
Fm-257	0.2771	0.2449	0.2144	0.2982	1.5631	1.3916	1.1778	1.6050
Fr-212	0.5217	0.4443	0.3976	0.6090	3.0725	2.4227	2.6197	3.2971
Fr-219	0.0028	0.0022	0.0018	0.0030	0.0171	0.0133	0.0119	0.0173
Fr-220	0.0348	0.0283	0.0295	0.0451	0.1797	0.1622	0.1369	0.2238

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Fr-221	0.0392	0.0339	0.0239	0.0386	0.2354	0.1750	0.1597	0.1696
Fr-222	0.2302	0.2062	0.1585	0.2279	1.3190	1.0391	0.9956	1.1614
Fr-223	0.1599	0.1295	0.1276	0.1523	0.8614	0.7724	0.6648	0.8401
Fr-224	0.2679	0.2325	0.1900	0.3008	1.6165	1.2298	1.3296	1.6876
Fr-227	0.4232	0.3649	0.2858	0.4594	2.5148	2.1292	1.7542	2.9350
Ga-64	0.3683	0.3185	0.2976	0.4391	2.3465	1.6670	2.6642	2.8026
Ga-65	0.2208	0.1891	0.1630	0.2751	1.3252	1.1592	0.9259	1.4255
Ga-66	0.2570	0.2173	0.2199	0.3105	1.6014	1.1684	1.8625	1.6955
Ga-67	0.2494	0.2086	0.2030	0.3214	1.4221	1.2376	0.8288	1.2543
Ga-68	0.0130	0.0106	0.0141	0.0203	0.0712	0.0565	0.0673	0.0808
Ga-70	0.0024	0.0021	0.0019	0.0031	0.0150	0.0113	0.0150	0.0175
Ga-72	0.5634	0.4883	0.4222	0.6321	3.6070	2.6137	3.5491	4.9158
Ga-73	0.3226	0.2464	0.2642	0.3875	1.9011	1.5178	1.1976	1.5680
Ga-74	0.6276	0.5398	0.4795	0.6660	3.9971	2.9555	3.7400	5.3569
Gd-142	0.2336	0.1983	0.1763	0.2350	1.4413	1.1562	1.2024	1.4855
Gd-143m	0.6486	0.5399	0.4767	0.6678	4.0460	3.1195	3.3396	4.0858
Gd-144	0.1535	0.1307	0.1283	0.1368	0.9401	0.7817	0.8736	0.8630
Gd-145m	0.2579	0.2157	0.1789	0.2821	1.5816	1.2238	1.2844	2.4511
Gd-145	0.4073	0.3541	0.3786	0.4613	2.5479	1.9113	2.5779	2.8178
Gd-146	0.5679	0.4865	0.4303	0.5611	3.4160	3.1983	2.6603	3.0595
Gd-147	0.7602	0.6399	0.5289	0.7590	4.7028	3.5760	3.9808	4.7616
Gd-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-149	0.4977	0.4067	0.3520	0.5046	3.0615	2.6049	2.3859	2.9661
Gd-150	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-151	0.1860	0.1553	0.1623	0.1672	1.0773	1.0028	0.8832	0.7997
Gd-152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Gd-153	0.3148	0.2811	0.2548	0.2590	1.8643	1.7863	1.4473	1.5256
Gd-159	0.0654	0.0526	0.0494	0.0571	0.3897	0.3264	0.3062	0.3157
Gd-162	0.2608	0.2118	0.1703	0.2841	1.6068	1.1613	1.2994	1.6569
Ge-66	0.3762	0.3053	0.2953	0.4338	2.2191	1.8004	1.5897	2.0564
Ge-67	0.2660	0.2191	0.1590	0.3488	1.6645	1.3937	1.3333	2.0142
Ge-68	0.0422	0.0283	0.0715	0.0985	0.1567	0.1745	0.0378	0.1107
Ge-69	0.2104	0.1765	0.1897	0.2825	1.2452	0.9506	1.1676	1.5699
Ge-71	0.0428	0.0287	0.0725	0.0999	0.1589	0.1770	0.0383	0.1123
Ge-75	0.0350	0.0277	0.0212	0.0354	0.2223	0.1595	0.1517	0.1486
Ge-77	0.5787	0.4853	0.3637	0.5921	3.6321	2.6129	2.7791	3.4845
Ge-78	0.2604	0.2021	0.1606	0.2624	1.6654	1.2142	1.1118	1.1592
H-3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-167	0.2556	0.1992	0.1828	0.2447	1.5569	1.2959	1.0179	1.2341
Hf-169	0.3975	0.3257	0.2783	0.4042	2.4332	2.0345	1.5787	2.1364

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Hf-170	0.4855	0.3930	0.3562	0.5210	2.8684	2.5072	1.9625	2.9044
Hf-172	0.3388	0.2695	0.2984	0.3572	1.8733	1.7493	1.2611	1.4210
Hf-173	0.5445	0.4370	0.3859	0.6001	3.2947	2.8231	2.2169	2.7963
Hf-174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hf-175	0.3948	0.3095	0.2897	0.3851	2.3617	1.9424	1.6607	1.9399
Hf-177m	2.2871	1.8609	1.5084	2.3095	14.0551	10.9728	9.5913	11.5031
Hf-178m	1.7354	1.4499	1.1123	1.7735	10.7287	8.3139	7.1608	9.8845
Hf-179m	0.9172	0.7420	0.6262	1.0047	5.5640	4.4649	3.9374	4.9026
Hf-180m	0.8698	0.7175	0.5739	0.8679	5.3426	4.1444	3.6801	4.4316
Hf-181	0.4018	0.3298	0.2666	0.4654	2.4987	2.0435	1.6450	2.4153
Hf-182	0.2639	0.2058	0.1685	0.2790	1.6590	1.2584	1.1264	1.1977
Hf-182m	0.7160	0.5902	0.4958	0.7612	4.3607	3.5147	3.1284	4.0878
Hf-183	0.3939	0.3268	0.2601	0.4470	2.4371	1.9078	1.8419	2.9005
Hf-184	0.3445	0.2701	0.2896	0.4559	1.9653	1.7145	1.3200	1.7949
Hg-190	0.4245	0.3365	0.3107	0.5743	2.4529	2.1794	1.6347	2.5257
Hg-191m	0.8871	0.7204	0.6337	1.0196	5.3845	4.1393	3.9563	5.3837
Hg-192	0.4712	0.3722	0.3507	0.5687	2.7459	2.2847	1.7916	2.3558
Hg-193	0.4962	0.4078	0.3827	0.6051	2.9151	2.3239	2.2591	3.0347
Hg-193m	0.5111	0.4220	0.3786	0.6020	3.0679	2.3842	2.4200	3.4261
Hg-194	0.0294	0.0210	0.0431	0.0572	0.1112	0.1160	0.0805	0.1503
Hg-195	0.2796	0.2229	0.2315	0.3587	1.5509	1.3388	1.0637	1.5706
Hg-195m	0.3115	0.2429	0.2699	0.4077	1.7112	1.4302	1.1695	1.6072
Hg-197	0.2462	0.1934	0.2042	0.3273	1.3410	1.1835	0.8195	1.2477
Hg-197m	0.2174	0.1708	0.1804	0.3058	1.2009	1.0571	0.7925	1.2183
Hg-199m	0.3225	0.2519	0.2263	0.4387	1.8694	1.6523	1.3084	2.0922
Hg-203	0.2454	0.1912	0.1566	0.2563	1.5406	1.1520	1.0166	1.1307
Hg-205	0.0069	0.0062	0.0041	0.0064	0.0412	0.0304	0.0272	0.0274
Hg-206	0.1084	0.0849	0.0715	0.1125	0.6721	0.5250	0.4305	0.6027
Hg-207	0.6964	0.5943	0.5553	0.8299	4.3698	3.1425	4.0486	5.0126
Ho-150	0.3619	0.3076	0.2363	0.4002	2.2817	1.7177	1.9626	3.4389
Ho-153	0.4002	0.3234	0.2812	0.3878	2.4724	1.9676	1.8534	2.2921
Ho-153m	0.4537	0.3748	0.3106	0.4571	2.7740	2.2723	2.0859	2.7214
Ho-154m	1.0639	0.8704	0.7022	1.0998	6.6551	5.0287	5.1364	6.9830
Ho-154	0.5427	0.4452	0.3793	0.5614	3.3948	2.5742	2.7129	3.6966
Ho-155	0.3590	0.2956	0.2697	0.3412	2.1541	1.8002	1.6421	1.7646
Ho-156	0.7175	0.5905	0.5203	0.7826	4.4633	3.4735	3.7068	4.4976
Ho-157	0.5422	0.4409	0.4000	0.4987	3.2509	2.7458	2.4293	2.6799
Ho-159	0.5580	0.4569	0.4088	0.5379	3.3451	2.9188	2.4212	2.7060
Ho-160	0.7341	0.6233	0.5194	0.7532	4.5070	3.5372	3.8802	5.6428
Ho-161	0.2128	0.1767	0.1876	0.1682	1.1877	1.1505	0.9144	0.8892

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ho-162	0.1891	0.1527	0.1604	0.1627	1.0804	0.9940	0.8189	0.7763
Ho-162m	0.3861	0.3195	0.3070	0.3870	2.2778	1.9194	1.8510	1.9356
Ho-163	0.0007	0.0005	0.0012	0.0016	0.0025	0.0028	0.0006	0.0017
Ho-164	0.1032	0.0830	0.0881	0.0841	0.5842	0.5519	0.4298	0.3924
Ho-164m	0.1815	0.1430	0.1742	0.1754	0.9857	0.9503	0.7029	0.6454
Ho-166	0.0407	0.0320	0.0342	0.0470	0.2275	0.2029	0.1377	0.1797
Ho-166m	0.8280	0.6944	0.5249	0.8926	5.1426	3.9472	3.9483	6.1937
Ho-167	0.3057	0.2417	0.2019	0.2987	1.8914	1.4475	1.3305	1.6264
Ho-168	0.3244	0.2744	0.2179	0.3691	2.0181	1.5331	1.6827	2.8224
Ho-168m	0.0320	0.0241	0.0356	0.0402	0.1613	0.1587	0.0994	0.1048
Ho-170	0.7306	0.6139	0.5089	0.8120	4.5365	3.4529	3.9624	4.8965
I-118m	1.0203	0.8672	0.6813	1.0619	6.3733	4.8578	5.2686	9.9982
I-118	0.3548	0.3027	0.2431	0.3684	2.2186	1.6939	1.7971	3.4368
I-119	0.3517	0.2884	0.2369	0.3353	2.1895	1.6932	1.6499	1.6976
I-120	0.4452	0.3864	0.3370	0.4699	2.8046	2.1574	2.4909	3.6039
I-120m	0.8992	0.7687	0.6167	0.9270	5.6325	4.3295	4.5586	8.4321
I-121	0.3490	0.3195	0.2353	0.2730	2.1003	1.7077	1.6167	1.5619
I-122	0.0822	0.0726	0.0597	0.0738	0.5028	0.4281	0.3991	0.6549
I-123	0.3226	0.2746	0.2183	0.3530	1.9405	1.8946	1.6174	2.2452
I-124	0.3340	0.2948	0.2535	0.3148	2.0364	1.6782	1.7220	2.9276
I-125	0.2179	0.2103	0.2023	0.1208	1.2173	1.3029	1.1983	1.0775
I-126	0.2476	0.2116	0.1728	0.2321	1.4982	1.1961	1.2849	1.9732
I-128	0.0434	0.0370	0.0293	0.0427	0.2677	0.2115	0.2117	0.2759
I-129	0.1185	0.1157	0.1096	0.0687	0.6843	0.7300	0.6928	0.5307
I-130m	0.0723	0.0643	0.0559	0.0669	0.4372	0.3888	0.3312	0.4808
I-130	0.8217	0.6932	0.5151	0.8709	5.1810	3.9167	3.9944	7.7894
I-131	3.4498	3.4054	3.4297	3.4441	3.5638	3.4562	3.6926	3.3585
I-132	0.7290	0.6200	0.4780	0.7967	4.5928	3.4221	3.8766	7.3431
I-132m	0.1962	0.1717	0.1408	0.1928	1.1797	1.0002	0.9428	1.6575
I-133	0.2585	0.2203	0.1606	0.2725	1.6604	1.2989	1.1140	2.0127
I-134m	0.3593	0.3048	0.2612	0.3066	2.2040	1.8502	1.7426	1.6470
I-134	0.7499	0.6469	0.5189	0.8707	4.7622	3.4654	4.4796	6.6909
I-135	0.3303	0.2899	0.2790	0.4002	2.0825	1.4894	2.1557	2.5757
In-103	0.5143	0.4490	0.3610	0.5583	3.2175	2.3783	2.9246	3.8617
In-105	0.4367	0.3730	0.3085	0.4814	2.7198	2.1093	2.2937	3.2796
In-106	0.8850	0.7617	0.5961	0.9587	5.5639	4.1216	4.9952	8.3657
In-106m	0.4227	0.3600	0.3164	0.4502	2.6375	1.9557	2.4024	4.1791
In-107	0.4179	0.3723	0.3100	0.3985	2.5641	1.9523	2.1883	2.5620
In-108	1.1562	0.9957	0.8303	1.2458	7.2149	5.3499	6.6237	9.8787
In-108m	0.4391	0.3751	0.3405	0.4611	2.7056	2.0491	2.5605	3.9853

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
In-109	0.4045	0.3687	0.2762	0.3420	2.4138	1.8872	1.8983	2.3113
In-109m	0.2356	0.1978	0.1472	0.2305	1.4529	1.1107	1.1249	2.7412
In-110	1.0563	0.9144	0.7245	1.1123	6.5615	4.9597	5.9581	10.0875
In-110m	0.3169	0.2710	0.2174	0.3051	1.9393	1.5087	1.6218	3.2947
In-111	0.5720	0.4788	0.3596	0.5798	3.4931	2.8413	2.5797	3.0013
In-111m	0.2278	0.1946	0.1415	0.2289	1.4494	1.1601	0.9291	1.7812
In-112	0.0497	0.0456	0.0411	0.0344	0.2765	0.2570	0.2347	0.3635
In-112m	0.1085	0.0974	0.0883	0.0860	0.6050	0.6091	0.5237	0.6859
In-113m	0.1979	0.1629	0.1353	0.1956	1.1841	0.8748	1.0472	1.2578
In-114	0.0010	0.0009	0.0009	0.0008	0.0057	0.0049	0.0054	0.0068
In-114m	0.1025	0.0938	0.0762	0.0792	0.5890	0.5224	0.4698	0.6010
In-115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
In-115m	0.1576	0.1308	0.1140	0.1338	0.9498	0.7838	0.7150	0.8938
In-116m	0.5203	0.4533	0.4383	0.6269	3.2638	2.3330	3.5204	3.9886
In-117	0.4565	0.3733	0.2620	0.5467	2.8831	2.4604	2.0197	3.8396
In-117m	0.1099	0.0899	0.0738	0.1109	0.6696	0.5933	0.4927	0.7029
In-118m	0.6475	0.5642	0.5070	0.7489	4.0634	2.9363	4.3223	5.5139
In-118	0.0155	0.0136	0.0134	0.0185	0.0968	0.0706	0.1081	0.1196
In-119	0.2693	0.2310	0.1789	0.2981	1.6802	1.2791	1.4456	2.6388
In-119m	0.0292	0.0257	0.0249	0.0275	0.1708	0.1432	0.1622	0.1877
In-121	0.2726	0.2356	0.1875	0.3154	1.7371	1.2396	1.7474	2.3187
In-121m	0.0991	0.0878	0.0837	0.0711	0.5605	0.5403	0.4945	0.5258
Ir-180	0.5967	0.4865	0.4163	0.6865	3.6589	2.8694	2.7828	4.1077
Ir-182	0.5605	0.4577	0.4048	0.6567	3.4201	2.6853	2.6041	3.3344
Ir-183	0.5922	0.4877	0.4757	0.7012	3.5246	2.8393	2.7210	3.5578
Ir-184	0.8917	0.7354	0.6626	1.0318	5.4508	4.2189	4.3666	5.4985
Ir-185	0.5223	0.4265	0.4542	0.6511	3.0230	2.5375	2.2576	2.8979
Ir-186	0.8410	0.6862	0.6146	0.9731	5.1396	4.0687	3.9505	5.4400
Ir-186m	0.4897	0.4067	0.3696	0.5807	2.9803	2.3673	2.4587	3.6401
Ir-187	0.3462	0.2794	0.2854	0.4201	1.9857	1.6961	1.4520	1.9128
Ir-188	0.6337	0.5278	0.5277	0.7625	3.8682	3.0750	3.3541	4.4542
Ir-189	0.2266	0.1791	0.2020	0.2845	1.2524	1.1204	0.8390	1.0004
Ir-190	0.9608	0.7985	0.6358	1.0288	5.8780	4.5952	4.2259	6.5967
Ir-190m	0.0247	0.0168	0.0405	0.0555	0.0920	0.1009	0.0331	0.0800
Ir-190n	0.1823	0.1455	0.1601	0.2228	1.0139	0.9226	0.6947	0.8290
Ir-191m	0.2071	0.1632	0.1860	0.2890	1.1318	1.0234	0.7443	1.0416
Ir-192	0.5574	0.4447	0.3557	0.5573	3.5326	2.7171	2.3078	3.3024
Ir-192m	0.0309	0.0217	0.0472	0.0633	0.1162	0.1231	0.0709	0.1405
Ir-192n	0.0658	0.0464	0.0990	0.1331	0.2502	0.2634	0.1559	0.3036
Ir-193m	0.0256	0.0176	0.0408	0.0558	0.0972	0.1051	0.0392	0.0877

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ir-194	0.0508	0.0404	0.0337	0.0515	0.3209	0.2423	0.2312	0.3176
Ir-194m	1.2293	1.0083	0.7773	1.2697	7.7297	5.9168	5.4298	9.3844
Ir-195	0.1807	0.1472	0.1530	0.2278	0.9976	0.9021	0.6471	0.9101
Ir-195m	0.3441	0.2787	0.2440	0.3894	2.0567	1.6449	1.4485	2.0434
Ir-196	0.1071	0.0875	0.0704	0.1169	0.6728	0.4948	0.5373	0.7671
Ir-196m	1.3381	1.1008	0.8596	1.4272	8.3051	6.2413	6.2360	10.0607
K-38	0.2717	0.2357	0.2785	0.3010	1.7617	1.2287	2.0036	1.8353
K-40	0.0278	0.0251	0.0260	0.0375	0.1743	0.1236	0.1710	0.2242
K-42	0.0497	0.0453	0.0457	0.0675	0.3149	0.2211	0.2918	0.4089
K-43	0.4856	0.3963	0.3027	0.4941	3.0109	2.2003	2.3578	4.1564
K-44	0.3759	0.3277	0.3231	0.4380	2.3897	1.7013	2.7062	2.8176
K-45	0.4365	0.3803	0.3348	0.5363	2.7645	2.0897	2.5141	3.1351
K-46	0.3639	0.3162	0.3282	0.4571	2.2810	1.6322	2.5954	2.6622
Kr-74	0.3325	0.2812	0.2248	0.3664	1.9721	1.6099	1.3652	1.8982
Kr-75	0.2642	0.2156	0.1722	0.3632	1.6087	1.3814	1.2217	1.9420
Kr-76	0.4276	0.3389	0.3254	0.4659	2.4624	1.9547	1.9590	2.6041
Kr-77	0.2627	0.2125	0.1667	0.3653	1.6077	1.3873	1.1539	1.8145
Kr-79	0.1840	0.1456	0.1559	0.2228	0.9765	0.7712	0.8964	1.3191
Kr-81	0.0758	0.0580	0.0900	0.1118	0.2929	0.2792	0.3828	0.6286
Kr-81m	0.1787	0.1594	0.1075	0.1767	1.0400	0.7982	0.7997	0.9381
Kr-83m	0.0316	0.0240	0.0389	0.0487	0.1218	0.1184	0.1475	0.2441
Kr-85	0.0011	0.0009	0.0006	0.0011	0.0070	0.0055	0.0042	0.0075
Kr-85m	0.2035	0.1589	0.1155	0.2792	1.2654	1.1246	0.9382	1.5454
Kr-87	0.2092	0.1740	0.1475	0.2257	1.3123	0.9173	1.2782	1.4296
Kr-88	0.3573	0.3162	0.2945	0.3788	2.2588	1.6346	2.2980	2.3594
Kr-89	0.4322	0.3715	0.3176	0.4863	2.7315	1.9797	2.5195	3.2444
La-128	0.7911	0.6649	0.5437	0.8405	5.0151	3.7697	4.0673	5.5898
La-129	0.3074	0.2664	0.2165	0.2926	1.9135	1.6015	1.5073	1.6980
La-130	0.5658	0.4784	0.3949	0.5971	3.5622	2.6917	3.0306	4.0774
La-131	0.3925	0.3483	0.2836	0.3603	2.4168	2.0823	1.9797	2.2128
La-132	0.5181	0.4506	0.3800	0.5371	3.2665	2.5651	2.7885	3.6295
La-132m	0.3986	0.3430	0.2763	0.4265	2.4789	2.0766	2.0023	2.6765
La-133	0.1515	0.1421	0.1375	0.1191	0.8882	0.8897	0.8418	0.7243
La-134	0.0626	0.0596	0.0542	0.0469	0.3763	0.3669	0.3625	0.3655
La-135	0.1234	0.1218	0.1136	0.0780	0.7299	0.7761	0.7443	0.5177
La-136	0.0848	0.0832	0.0773	0.0565	0.5035	0.5248	0.5165	0.3872
La-137	0.1146	0.1138	0.1072	0.0708	0.6755	0.7271	0.6981	0.4682
La-138	0.3110	0.2823	0.2653	0.3587	1.9382	1.5189	1.8957	2.4165
La-140	0.5617	0.4933	0.4373	0.6884	3.5874	2.6100	2.9822	4.3783
La-141	0.0046	0.0041	0.0043	0.0059	0.0291	0.0208	0.0314	0.0367

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
La-142	0.3924	0.3372	0.3123	0.4224	2.4986	1.8174	2.5823	3.2920
La-143	0.0551	0.0477	0.0439	0.0627	0.3485	0.2526	0.3410	0.4816
Lu-165	0.5398	0.4439	0.4060	0.5652	3.2399	2.6815	2.4452	3.0589
Lu-167	0.6437	0.5399	0.5248	0.6839	3.8891	3.1081	3.2488	3.8410
Lu-169m	0.0172	0.0116	0.0293	0.0404	0.0641	0.0714	0.0147	0.0443
Lu-169	0.5717	0.4793	0.4505	0.6084	3.4320	2.7664	2.9002	3.4345
Lu-170	0.5955	0.5017	0.5113	0.6613	3.6355	2.8245	3.5713	3.7225
Lu-171m	0.0190	0.0129	0.0314	0.0433	0.0728	0.0799	0.0192	0.0507
Lu-171	0.4923	0.3980	0.3892	0.5132	2.8476	2.4369	2.0944	3.1558
Lu-172	0.8014	0.6733	0.6022	0.8868	4.8782	3.8154	4.2623	5.3412
Lu-172m	0.0155	0.0104	0.0264	0.0364	0.0576	0.0642	0.0132	0.0397
Lu-173	0.4030	0.3166	0.3107	0.3758	2.3310	2.0691	1.5580	1.6666
Lu-174	0.1881	0.1466	0.1621	0.1843	1.0513	0.9636	0.7309	0.7513
Lu-174m	0.2061	0.1593	0.1980	0.2339	1.1096	1.0459	0.7326	0.7782
Lu-176	0.5152	0.4317	0.3353	0.4914	3.1520	2.4294	2.0175	2.2511
Lu-176m	0.0469	0.0378	0.0417	0.0596	0.2572	0.2396	0.1459	0.2123
Lu-177	0.0527	0.0464	0.0352	0.0523	0.3159	0.2548	0.2072	0.2260
Lu-177m	1.1469	0.9479	0.7585	1.1843	6.9688	5.5251	4.8901	5.6298
Lu-178	0.0527	0.0451	0.0462	0.0642	0.3082	0.2593	0.2482	0.3116
Lu-178m	1.0057	0.8358	0.6517	1.0212	6.1626	4.8111	4.1828	5.2611
Lu-179	0.0327	0.0289	0.0189	0.0294	0.2018	0.1449	0.1373	0.1240
Lu-180	0.5213	0.4441	0.3982	0.5907	3.2046	2.3760	2.9451	3.3612
Lu-181	0.3828	0.3168	0.2754	0.4126	2.2953	1.8565	1.6435	2.6216
Mg-27	0.2493	0.2165	0.1701	0.2957	1.5925	1.1424	1.5992	2.2407
Mg-28	0.4320	0.3874	0.3488	0.4520	2.6687	2.0904	2.7627	3.0292
Mn-50m	0.8181	0.7155	0.6374	0.9887	5.1661	3.7295	5.2477	7.1943
Mn-51	0.0017	0.0014	0.0017	0.0024	0.0096	0.0076	0.0083	0.0129
Mn-52	0.7561	0.6611	0.5858	0.9283	4.7607	3.4363	4.6479	6.7124
Mn-52m	0.2537	0.2288	0.2341	0.3350	1.5942	1.1301	1.6087	2.0391
Mn-53	0.0139	0.0093	0.0237	0.0327	0.0515	0.0575	0.0113	0.0349
Mn-54	0.2599	0.2212	0.1846	0.3247	1.6246	1.1997	1.4858	2.3630
Mn-56	0.3646	0.3161	0.2850	0.4390	2.3318	1.6619	2.3051	3.1900
Mn-57	0.0891	0.0724	0.0811	0.1248	0.4821	0.4165	0.3621	0.6051
Mn-58m	0.5536	0.4810	0.4224	0.6660	3.5120	2.5509	3.4006	4.6822
Mo-101	0.4254	0.3700	0.3161	0.4816	2.6621	1.9678	2.3340	3.3134
Mo-102	0.0226	0.0193	0.0126	0.0245	0.1404	0.1100	0.0984	0.1186
Mo-89	0.0545	0.0475	0.0417	0.0605	0.3401	0.2510	0.3385	0.4850
Mo-90	0.5569	0.4696	0.3765	0.5803	3.3540	2.6597	2.5905	3.0082
Mo-91m	0.2382	0.2071	0.1813	0.2686	1.4774	1.0916	1.3456	2.3363
Mo-91	0.0083	0.0076	0.0071	0.0074	0.0442	0.0381	0.0464	0.0532

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Mo-93	0.0886	0.0824	0.0752	0.0651	0.4323	0.4112	0.4501	0.5314
Mo-93m	0.6911	0.5925	0.5138	0.7858	4.3140	3.1606	3.6458	5.7268
Mo-99	0.0726	0.0620	0.0450	0.0809	0.4510	0.3538	0.3650	0.6191
N-13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
N-16	0.1832	0.1563	0.1411	0.1897	1.0695	0.8308	1.4471	0.9573
Na-22	0.2245	0.1984	0.2094	0.2772	1.3920	1.0107	1.6548	1.7180
Na-24	0.4933	0.4301	0.4243	0.5534	3.1651	2.2987	3.8765	3.2019
Nb-87	0.3326	0.3056	0.1985	0.2935	1.9574	1.4940	1.4466	1.4966
Nb-88m	0.9039	0.7742	0.6581	1.0285	5.6847	4.0726	5.5451	7.2769
Nb-88	1.0976	0.9408	0.7765	1.2167	6.8379	5.0534	6.4188	8.4488
Nb-89	0.1059	0.0927	0.0906	0.1172	0.6387	0.4834	0.7144	0.7451
Nb-89m	0.2399	0.2058	0.1505	0.2500	1.5237	1.2203	0.9870	1.6606
Nb-90	0.7397	0.6422	0.6129	0.8400	4.6239	3.5224	4.9211	5.1685
Nb-91	0.0925	0.0838	0.0798	0.0736	0.4383	0.4175	0.4919	0.5975
Nb-91m	0.0810	0.0750	0.0689	0.0626	0.4024	0.3763	0.4206	0.4951
Nb-92	0.5864	0.5086	0.4029	0.6179	3.5912	2.7599	3.2137	4.9530
Nb-92m	0.3482	0.3077	0.2606	0.3763	2.0712	1.5722	2.2302	2.7973
Nb-93m	0.0168	0.0154	0.0151	0.0139	0.0807	0.0774	0.0811	0.0973
Nb-94m	0.0616	0.0571	0.0524	0.0465	0.3023	0.2859	0.3131	0.3721
Nb-94	0.4874	0.4169	0.3158	0.5483	3.0850	2.2633	2.7791	4.9227
Nb-95	0.2441	0.2079	0.1537	0.2805	1.5514	1.1460	1.3372	2.4922
Nb-95m	0.1285	0.1127	0.0904	0.1103	0.7256	0.5811	0.6000	0.6146
Nb-96	0.7767	0.6648	0.5208	0.8772	4.9280	3.6391	4.3371	6.8256
Nb-97	0.2455	0.2059	0.1522	0.2467	1.5233	1.1510	1.1926	2.8549
Nb-98m	0.7704	0.6616	0.5431	0.8971	4.8795	3.5718	4.4045	7.2435
Nb-99	0.3229	0.2845	0.2058	0.3775	1.9481	1.7758	1.3771	2.1637
Nb-99m	0.1702	0.1469	0.1281	0.1809	1.0736	0.8117	1.0143	1.1881
Nd-134	0.3993	0.3411	0.2694	0.4159	2.4652	2.1792	1.9781	2.3542
Nd-135	0.4811	0.4244	0.3342	0.4376	2.9553	2.3909	2.2897	2.4656
Nd-136	0.3383	0.3073	0.2736	0.2940	2.0396	1.9264	1.7397	1.8610
Nd-137	0.4450	0.3885	0.3405	0.4301	2.7462	2.2956	2.3501	2.8860
Nd-138	0.1335	0.1234	0.1211	0.0928	0.7903	0.7856	0.7565	0.5584
Nd-139	0.1490	0.1344	0.1253	0.1255	0.8974	0.8091	0.8588	0.8268
Nd-139m	0.6787	0.5999	0.5018	0.6962	4.2158	3.4366	3.8482	5.1799
Nd-140	0.1188	0.1109	0.1112	0.0797	0.6981	0.7115	0.6890	0.4850
Nd-141	0.1229	0.1146	0.1145	0.0849	0.7246	0.7302	0.7194	0.5193
Nd-141m	0.2336	0.1994	0.1500	0.2612	1.4773	1.1089	1.2694	2.3530
Nd-144	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nd-147	0.1826	0.1613	0.1341	0.1665	1.1106	1.0004	0.8136	1.0216
Nd-149	0.3503	0.2990	0.2262	0.3417	2.1731	1.7252	1.5760	1.9115

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Nd-151	0.4119	0.3528	0.2837	0.4598	2.5767	2.0408	2.1294	2.8289
Nd-152	0.1699	0.1344	0.1128	0.1709	1.0567	0.7978	0.7380	0.7768
Ne-19	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002	0.0002	0.0002
Ne-24	0.2683	0.2256	0.1646	0.2890	1.7178	1.3087	1.1872	1.7825
Ni-56	0.8035	0.6576	0.5147	1.0199	5.0489	4.0221	3.9576	6.5315
Ni-57	0.2924	0.2562	0.2794	0.3953	1.8023	1.3214	1.7995	2.1900
Ni-59	0.0241	0.0161	0.0410	0.0566	0.0893	0.0998	0.0196	0.0605
Ni-63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ni-65	0.1145	0.1016	0.0981	0.1447	0.7215	0.5102	0.7299	0.9022
Ni-66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Np-232	0.7430	0.6416	0.5341	0.8033	4.4325	3.6199	3.6212	5.3239
Np-233	0.2361	0.2175	0.1781	0.2479	1.3305	1.2550	0.9669	1.5574
Np-234	0.4394	0.3979	0.3670	0.5174	2.5604	2.1246	2.2003	3.2836
Np-235	0.0635	0.0532	0.0684	0.0767	0.2765	0.2671	0.2927	0.4241
Np-236	0.4717	0.4150	0.3799	0.5333	2.5244	2.3892	2.0851	3.2520
Np-236m	0.1304	0.1197	0.1012	0.1372	0.7222	0.6828	0.5422	0.8787
Np-237	0.1624	0.1419	0.1466	0.1718	0.8150	0.7773	0.7473	1.0387
Np-238	0.2041	0.1798	0.1657	0.2334	1.1997	0.9074	1.3224	1.5667
Np-239	0.3570	0.3192	0.2683	0.3734	2.0459	1.8208	1.4781	2.0987
Np-240	0.5975	0.5203	0.4423	0.6473	3.4984	2.8481	3.0235	4.5393
Np-240m	0.1701	0.1457	0.1279	0.1796	0.9896	0.8000	0.7945	1.3871
Np-241	0.0871	0.0795	0.0657	0.0931	0.4922	0.4589	0.3676	0.5703
Np-242	0.0680	0.0592	0.0556	0.0800	0.4152	0.3085	0.4012	0.5963
Np-242m	0.5026	0.4322	0.3781	0.5722	2.9200	2.3732	2.6522	3.9215
O-14	0.2647	0.2334	0.2501	0.2620	1.7445	1.2446	2.0256	1.5967
O-15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O-19	0.3520	0.3250	0.2371	0.3523	2.1751	1.5572	1.7950	1.8692
Os-180	0.2509	0.2011	0.2237	0.3009	1.3861	1.2418	0.9389	1.2030
Os-181	0.7287	0.6035	0.5519	0.8416	4.4099	3.4854	3.5143	4.3716
Os-182	0.4520	0.3705	0.3317	0.5188	2.6964	2.2810	1.7552	2.3874
Os-183	0.6572	0.5297	0.4922	0.7463	3.8817	3.1777	2.9274	3.6034
Os-183m	0.3908	0.3289	0.3235	0.4646	2.3430	1.8580	2.2122	2.4775
Os-185	0.3968	0.3254	0.2889	0.4303	2.3617	1.9254	1.7709	3.3801
Os-186	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0233	0.0158	0.0387	0.0531	0.0869	0.0958	0.0280	0.0710
Os-190m	0.9490	0.7896	0.6102	1.0097	5.8647	4.5498	4.0428	6.8319
Os-191	0.2235	0.1768	0.1966	0.3076	1.2329	1.1109	0.8122	1.1278
Os-191m	0.0416	0.0305	0.0532	0.0731	0.1912	0.1892	0.1038	0.1598
Os-193	0.0820	0.0656	0.0629	0.1016	0.4776	0.4025	0.3202	0.4570
Os-194	0.0308	0.0228	0.0419	0.0521	0.1339	0.1372	0.0904	0.1281

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Os-196	0.0869	0.0706	0.0614	0.0985	0.5196	0.4169	0.3642	0.4810
P-30	0.0002	0.0002	0.0002	0.0002	0.0013	0.0009	0.0015	0.0013
P-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pa-227	0.0881	0.0754	0.0759	0.1005	0.4573	0.4255	0.3767	0.5584
Pa-228	0.7714	0.6668	0.5837	0.8744	4.5011	3.6555	3.8582	5.5617
Pa-229	0.2057	0.1838	0.1595	0.2279	1.1256	1.0520	0.8281	1.3527
Pa-230	0.4345	0.3805	0.3265	0.4887	2.5126	2.0918	2.1681	3.1522
Pa-231	0.1414	0.1169	0.1402	0.1630	0.6805	0.6322	0.6473	0.8904
Pa-232	0.4141	0.3555	0.3028	0.4753	2.4731	1.9238	2.3150	3.2521
Pa-233	0.3106	0.2629	0.2352	0.3228	1.7772	1.5273	1.3121	1.8958
Pa-234	0.7685	0.6677	0.5640	0.8635	4.5459	3.6654	3.9414	5.8859
Pa-234m	0.0065	0.0057	0.0050	0.0074	0.0387	0.0304	0.0370	0.0509
Pa-235	0.0082	0.0055	0.0139	0.0191	0.0305	0.0340	0.0076	0.0219
Pa-236	0.3059	0.2633	0.2427	0.3381	1.8142	1.4065	1.6138	2.7792
Pa-237	0.2158	0.1845	0.1454	0.2491	1.3617	1.0306	1.1298	1.8292
Pb-194	0.6074	0.5079	0.4373	0.7126	3.6228	2.8544	2.6500	3.9436
Pb-195m	0.9000	0.7311	0.6353	1.0469	5.3612	4.0485	4.4001	6.4020
Pb-196	0.5404	0.4382	0.3695	0.6275	3.2197	2.5885	2.0915	2.9322
Pb-197	0.6063	0.5014	0.4550	0.7229	3.6543	2.7695	3.1161	4.1388
Pb-197m	0.7708	0.6284	0.5391	0.8906	4.5806	3.4890	3.5893	5.0701
Pb-198	0.5107	0.4077	0.3531	0.6001	3.0204	2.4362	2.0490	2.9224
Pb-199	0.4983	0.4088	0.3714	0.5952	2.9806	2.3081	2.3574	3.2620
Pb-200	0.4179	0.3317	0.2994	0.5417	2.4019	2.0702	1.5746	2.4375
Pb-201	0.5502	0.4418	0.3858	0.6254	3.3085	2.6162	2.3686	3.4138
Pb-201m	0.2137	0.1754	0.1433	0.2328	1.2622	1.0098	0.8907	2.0480
Pb-202	0.0268	0.0189	0.0409	0.0548	0.1007	0.1067	0.0623	0.1230
Pb-202m	0.7798	0.6560	0.5228	0.8879	4.8453	3.5373	4.3347	6.3116
Pb-203	0.4444	0.3497	0.3080	0.5101	2.6476	2.1087	1.7054	2.2204
Pb-204m	0.7224	0.6100	0.4880	0.8293	4.5455	3.2482	4.3341	5.7455
Pb-205	0.0272	0.0191	0.0413	0.0555	0.1020	0.1080	0.0632	0.1246
Pb-209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pb-210	0.0443	0.0339	0.0528	0.0639	0.1850	0.1808	0.1910	0.2898
Pb-211	0.0294	0.0244	0.0192	0.0336	0.1819	0.1320	0.1562	0.2281
Pb-212	0.2205	0.1783	0.1430	0.2459	1.3198	1.0170	0.8615	1.0396
Pb-214	0.2404	0.1902	0.1613	0.2618	1.4549	1.1185	1.0117	1.3447
Pd-100	0.3934	0.3528	0.2775	0.3698	2.2519	1.9965	1.4641	2.1361
Pd-101	0.2891	0.2643	0.2250	0.2307	1.6544	1.3991	1.2996	1.7976
Pd-103	0.0859	0.0859	0.0761	0.0528	0.4474	0.4203	0.3725	0.4749
Pd-107	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pd-109m	0.1590	0.1463	0.0948	0.1405	0.9490	0.7566	0.6822	0.7758
Pd-109	0.0543	0.0514	0.0474	0.0370	0.2898	0.2835	0.2347	0.3045
Pd-111	0.0176	0.0151	0.0123	0.0190	0.1097	0.0838	0.0882	0.1450
Pd-112	0.0359	0.0344	0.0319	0.0263	0.1791	0.1685	0.1639	0.2031
Pd-114	0.0290	0.0242	0.0176	0.0315	0.1809	0.1378	0.1255	0.1432
Pd-96	0.4843	0.4240	0.3338	0.5402	2.9940	2.3647	2.4272	3.8609
Pd-97	0.5183	0.4405	0.3834	0.5689	3.2666	2.3928	2.8305	3.4196
Pd-98	0.3649	0.3378	0.2582	0.3480	2.1609	1.8988	1.6066	2.5682
Pd-99	0.3881	0.3309	0.2708	0.4467	2.3895	1.9121	1.9444	2.7501
Pm-136	0.7501	0.6235	0.4861	0.8046	4.7102	3.4664	3.9568	6.2017
Pm-137m	0.7496	0.6444	0.5047	0.7563	4.6645	3.7801	3.6144	4.6250
Pm-139	0.1344	0.1155	0.1027	0.1309	0.8221	0.6626	0.7357	0.8356
Pm-140m	0.8087	0.6909	0.5602	0.9053	5.0826	3.7061	4.8635	6.4587
Pm-140	0.0528	0.0461	0.0405	0.0553	0.3281	0.2650	0.3038	0.3946
Pm-141	0.1043	0.0940	0.0930	0.0930	0.6301	0.5544	0.6238	0.5848
Pm-142	0.0403	0.0367	0.0369	0.0349	0.2422	0.2208	0.2292	0.2180
Pm-143	0.2146	0.1900	0.1716	0.1881	1.3017	1.1497	1.1841	1.4824
Pm-144	0.7247	0.6178	0.4852	0.7015	4.4910	3.5864	3.5295	6.7743
Pm-145	0.1248	0.1132	0.1160	0.0897	0.7299	0.7275	0.6911	0.5098
Pm-146	0.3879	0.3312	0.2659	0.3913	2.4160	1.9191	1.9685	2.9132
Pm-147	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
Pm-148	0.1477	0.1293	0.1108	0.1742	0.9377	0.6922	0.8101	1.2517
Pm-148m	0.8170	0.6878	0.5159	0.8411	5.1354	3.9063	3.9329	7.5950
Pm-149	0.0096	0.0075	0.0062	0.0097	0.0605	0.0454	0.0414	0.0483
Pm-150	0.4402	0.3684	0.3269	0.4894	2.7808	2.0336	2.4995	3.2063
Pm-151	0.2806	0.2333	0.1864	0.2823	1.7387	1.4072	1.3052	1.6914
Pm-152m	0.6828	0.5735	0.4831	0.7478	4.2882	3.2256	3.5797	4.1412
Pm-152	0.1135	0.0982	0.0832	0.1284	0.7097	0.5604	0.6292	0.8280
Pm-153	0.1371	0.1197	0.1010	0.1456	0.8290	0.7505	0.6215	0.7372
Pm-154	0.4006	0.3476	0.3385	0.4586	2.5155	1.8681	2.5510	2.9014
Pm-154m	0.6525	0.5622	0.4832	0.7301	4.0647	3.1174	3.4036	4.4240
Po-203	0.6552	0.5550	0.4786	0.7873	3.9323	3.0168	3.3925	4.6260
Po-204	0.8589	0.7028	0.6258	1.0485	5.0129	4.0323	3.7698	5.6259
Po-205	0.6365	0.5374	0.4608	0.7769	3.8439	2.9565	3.2830	4.7671
Po-206	0.7322	0.6017	0.5292	0.8693	4.3340	3.4381	3.3300	4.9473
Po-207	0.5762	0.4837	0.4095	0.6913	3.4699	2.6599	2.9998	4.2691
Po-208	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-209	0.0054	0.0043	0.0049	0.0077	0.0303	0.0247	0.0206	0.0288
Po-210	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-211	0.0028	0.0024	0.0018	0.0031	0.0178	0.0133	0.0150	0.0254

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Po-212m	0.0117	0.0101	0.0085	0.0109	0.0761	0.0574	0.0771	0.0803
Po-212	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-213	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001
Po-214	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001	0.0002
Po-215	0.0001	0.0001	0.0001	0.0001	0.0006	0.0005	0.0005	0.0007
Po-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-134	1.0183	0.8550	0.6760	1.0563	6.3552	4.6940	5.4323	7.8718
Pr-134m	0.4865	0.4110	0.3573	0.5335	3.0393	2.1932	2.7819	3.4510
Pr-135	0.3105	0.2723	0.2302	0.2758	1.9096	1.6345	1.5234	1.6572
Pr-136	0.5264	0.4560	0.3711	0.5430	3.3377	2.6271	2.6717	4.0421
Pr-137	0.1186	0.1103	0.1047	0.0916	0.7112	0.6859	0.6945	0.5959
Pr-138	0.0409	0.0381	0.0358	0.0322	0.2460	0.2344	0.2399	0.2270
Pr-138m	0.8484	0.7268	0.6039	0.9007	5.3576	4.0960	4.9157	6.2472
Pr-139	0.1144	0.1089	0.1068	0.0768	0.6757	0.6928	0.6788	0.4813
Pr-140	0.0610	0.0581	0.0569	0.0409	0.3603	0.3697	0.3608	0.2569
Pr-142	0.0103	0.0095	0.0095	0.0143	0.0654	0.0457	0.0581	0.0861
Pr-142m	0.0011	0.0007	0.0019	0.0026	0.0041	0.0045	0.0009	0.0027
Pr-143	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0059	0.0051	0.0047	0.0066	0.0377	0.0275	0.0353	0.0557
Pr-144m	0.0513	0.0468	0.0511	0.0417	0.2926	0.2989	0.2763	0.2056
Pr-145	0.0072	0.0062	0.0052	0.0075	0.0446	0.0350	0.0408	0.0594
Pr-146	0.2758	0.2368	0.2020	0.3189	1.7476	1.2765	1.5071	2.1084
Pr-147	0.3685	0.3175	0.2815	0.3391	2.2438	1.9386	1.8269	2.1985
Pr-148	0.3317	0.2737	0.2369	0.3536	2.1088	1.5625	1.7623	2.2671
Pr-148m	0.4945	0.4008	0.3167	0.5080	3.1378	2.3519	2.2684	3.3412
Pt-184	0.8994	0.7301	0.6664	1.0805	5.2591	4.4591	3.5814	5.1455
Pt-186	0.4932	0.4030	0.3616	0.5613	2.9145	2.3911	2.1059	3.6366
Pt-187	0.5642	0.4628	0.4336	0.6622	3.2997	2.7713	2.3379	3.1544
Pt-188	0.3710	0.3044	0.2869	0.4369	2.1216	1.7954	1.4484	1.7811
Pt-189	0.5192	0.4214	0.4057	0.6189	3.0107	2.5639	2.0699	3.0545
Pt-190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pt-191	0.4554	0.3660	0.3589	0.5469	2.6197	2.2553	1.7665	2.4062
Pt-193	0.0274	0.0191	0.0428	0.0579	0.1027	0.1100	0.0550	0.1138
Pt-193m	0.0613	0.0460	0.0706	0.1004	0.2927	0.2791	0.1753	0.2756
Pt-195m	0.2667	0.2127	0.2482	0.3636	1.4178	1.3074	0.9103	1.3270
Pt-197	0.0763	0.0598	0.0656	0.1076	0.4024	0.3494	0.2385	0.3924
Pt-197m	0.1853	0.1435	0.1705	0.2494	0.9888	0.8696	0.6659	0.9355
Pt-199	0.1203	0.1002	0.0772	0.1299	0.7486	0.5854	0.5001	0.7986
Pt-200	0.1415	0.1120	0.1141	0.1847	0.7862	0.6790	0.4977	0.7227

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Pt-202	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-232	0.1721	0.1600	0.1308	0.1797	0.9701	0.9233	0.7098	1.1369
Pu-234	0.1940	0.1798	0.1500	0.2036	1.0838	1.0320	0.8043	1.2814
Pu-235	0.2576	0.2368	0.2031	0.2698	1.4232	1.3519	1.0819	1.6966
Pu-236	0.0203	0.0174	0.0210	0.0225	0.0899	0.0861	0.0977	0.1375
Pu-237	0.1747	0.1585	0.1452	0.1861	0.9365	0.8925	0.7417	1.1374
Pu-238	0.0187	0.0160	0.0194	0.0208	0.0828	0.0793	0.0903	0.1272
Pu-239	0.0096	0.0079	0.0109	0.0126	0.0413	0.0405	0.0397	0.0582
Pu-240	0.0176	0.0151	0.0182	0.0196	0.0780	0.0746	0.0849	0.1195
Pu-241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0151	0.0129	0.0156	0.0168	0.0669	0.0640	0.0729	0.1026
Pu-243	0.0747	0.0637	0.0527	0.0840	0.4205	0.3709	0.2650	0.4304
Pu-244	0.0177	0.0151	0.0166	0.0196	0.0878	0.0771	0.0894	0.1231
Pu-245	0.2545	0.2167	0.1735	0.2661	1.5599	1.2555	1.1854	1.7813
Pu-246	0.2958	0.2638	0.2189	0.2868	1.7006	1.4999	1.2945	1.6152
Ra-219	0.1645	0.1317	0.1092	0.1702	1.0081	0.8121	0.6370	0.9437
Ra-220	0.0026	0.0021	0.0016	0.0028	0.0163	0.0124	0.0112	0.0166
Ra-221	0.0979	0.0800	0.0777	0.1290	0.5246	0.4798	0.4144	0.6791
Ra-222	0.0071	0.0056	0.0046	0.0070	0.0450	0.0346	0.0295	0.0397
Ra-223	0.2423	0.1987	0.1683	0.2902	1.4069	1.1956	0.9184	1.4320
Ra-224	0.0126	0.0102	0.0077	0.0129	0.0780	0.0564	0.0540	0.0520
Ra-225	0.0689	0.0601	0.0663	0.0577	0.3703	0.3567	0.3823	0.3633
Ra-226	1.3403	1.3086	1.2865	1.3428	1.3943	1.3505	1.3251	1.3573
Ra-227	0.2185	0.1825	0.1823	0.2344	1.1879	1.0302	0.9767	1.3442
Ra-228	1.2713	1.2483	1.2530	1.2482	1.3167	1.2685	1.2661	1.2981
Ra-230	0.1208	0.1031	0.0868	0.1342	0.6957	0.5953	0.4825	0.7003
Rb-77	0.3380	0.2818	0.2298	0.3750	2.0440	1.6320	1.6819	2.3290
Rb-78m	0.6317	0.5396	0.4646	0.7080	3.9740	2.9356	3.5241	5.1373
Rb-78	0.4871	0.4047	0.3590	0.5452	3.0676	2.2572	3.1330	3.3946
Rb-79	0.3925	0.3231	0.2549	0.4653	2.3558	1.9101	1.8929	3.1813
Rb-80	0.0724	0.0606	0.0454	0.0717	0.4458	0.3412	0.3387	0.8202
Rb-81	0.1718	0.1405	0.1367	0.1984	0.9316	0.7404	0.8861	1.3529
Rb-81m	0.0861	0.0706	0.0809	0.0978	0.3769	0.3407	0.4942	0.7661
Rb-82	0.0438	0.0372	0.0301	0.0516	0.2690	0.2009	0.2466	0.4337
Rb-82m	0.8816	0.7525	0.6266	1.0006	5.4083	4.0632	4.8745	8.2621
Rb-83	0.3134	0.2608	0.2322	0.3490	1.7928	1.4650	1.4147	2.5406
Rb-84	0.2349	0.1991	0.1845	0.2845	1.3496	1.0167	1.4716	2.1466
Rb-84m	0.3574	0.2935	0.2243	0.3645	2.1921	1.5958	1.6174	1.7689
Rb-86m	0.2435	0.2060	0.1481	0.2483	1.5478	1.2131	1.0158	2.1401
Rb-86	0.0211	0.0187	0.0167	0.0252	0.1337	0.0940	0.1555	0.1677

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rb-87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rb-88	0.1071	0.0936	0.0969	0.1325	0.6839	0.4781	0.7147	0.8594
Rb-89	0.4156	0.3642	0.3428	0.4782	2.6398	1.8821	2.9941	3.2153
Rb-90	0.2279	0.1896	0.1654	0.2733	1.4424	1.0376	1.5981	1.7345
Rb-90m	0.5245	0.4485	0.3959	0.6237	3.3382	2.4113	3.5813	4.2507
Re-178	0.5185	0.4312	0.3996	0.5871	3.1293	2.4978	2.6193	2.8613
Re-179	0.6579	0.5373	0.4856	0.7341	3.9949	3.1494	2.9614	3.7590
Re-180	0.5280	0.4466	0.4100	0.6171	3.1767	2.5790	2.7121	3.6031
Re-181	0.6162	0.4963	0.4647	0.6821	3.6674	2.9577	2.7916	3.6196
Re-182	1.1763	0.9734	0.8910	1.3353	7.0554	5.7554	5.5056	6.3107
Re-182m	0.5934	0.4957	0.4906	0.6902	3.5132	2.9375	2.9837	3.4511
Re-183	0.3917	0.3107	0.3267	0.4680	2.2169	2.0225	1.4960	1.8542
Re-184	0.4713	0.3937	0.3575	0.5491	2.8368	2.3073	2.3289	3.2450
Re-184m	0.3997	0.3273	0.3173	0.4711	2.3340	1.9797	1.6577	2.0964
Re-186	0.0427	0.0340	0.0332	0.0566	0.2483	0.2237	0.1682	0.2349
Re-186m	0.1086	0.0806	0.1398	0.1822	0.5019	0.5040	0.2862	0.4015
Re-187	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Re-188	0.0584	0.0462	0.0377	0.0802	0.3556	0.3165	0.2648	0.4436
Re-188m	0.2313	0.1862	0.2128	0.2946	1.2692	1.1828	0.8186	1.0510
Re-189	0.0691	0.0575	0.0472	0.0762	0.4137	0.3222	0.2803	0.3139
Re-190	0.7167	0.6033	0.4459	0.7511	4.4541	3.3278	3.3868	5.2248
Re-190m	0.5813	0.4824	0.3903	0.6326	3.5535	2.7741	2.5992	4.0122
Rh-100m	0.1455	0.1406	0.1230	0.1038	0.7904	0.7316	0.6402	0.8089
Rh-100	0.6849	0.6044	0.5300	0.7239	4.2796	3.2547	3.7813	5.1533
Rh-101	0.4098	0.3731	0.2622	0.3883	2.4416	1.9510	1.7229	2.0346
Rh-101m	0.2967	0.2493	0.2082	0.2590	1.7904	1.4429	1.2462	1.6040
Rh-102	0.2085	0.1837	0.1441	0.2000	1.2622	1.0117	0.9407	1.4062
Rh-102m	0.8629	0.7431	0.5784	0.8922	5.3399	4.0682	4.4192	7.4556
Rh-103m	0.0109	0.0103	0.0109	0.0095	0.0541	0.0519	0.0415	0.0549
Rh-104	0.0056	0.0048	0.0036	0.0056	0.0353	0.0278	0.0242	0.0477
Rh-104m	0.1722	0.1535	0.1365	0.1107	0.9541	0.8867	0.7206	0.8078
Rh-105	0.0586	0.0455	0.0374	0.0556	0.3751	0.2877	0.2391	0.3146
Rh-106	0.0846	0.0719	0.0526	0.0878	0.5398	0.4200	0.3702	0.7147
Rh-106m	0.9283	0.7955	0.6317	1.0414	5.8877	4.3646	4.9220	7.6347
Rh-107	0.2353	0.1844	0.1487	0.2311	1.4961	1.1204	1.0124	1.2903
Rh-108	0.1610	0.1331	0.0997	0.1700	1.0073	0.7419	0.7693	1.2404
Rh-109	0.2516	0.2035	0.1594	0.2479	1.5803	1.2152	1.0915	1.3778
Rh-94	0.5899	0.5159	0.4742	0.7190	3.7293	2.6943	3.6469	4.8274
Rh-95	0.4040	0.3559	0.3159	0.4670	2.5320	1.8329	2.6477	3.2807
Rh-95m	0.2470	0.2097	0.1555	0.2567	1.5680	1.2266	1.1262	1.9847

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Rh-96	0.9610	0.8232	0.6572	1.0498	6.0130	4.4644	5.2785	9.7141
Rh-96m	0.2389	0.2128	0.1871	0.2639	1.4784	1.1053	1.4283	1.9663
Rh-97	0.3459	0.2937	0.2409	0.3711	2.1235	1.5517	1.8857	2.4718
Rh-97m	0.5322	0.4728	0.4092	0.5537	3.2817	2.4598	3.0358	3.5437
Rh-98	0.2866	0.2430	0.1923	0.2921	1.7734	1.3364	1.4587	3.1435
Rh-99	0.4333	0.3822	0.3002	0.4051	2.5836	2.1344	1.8624	2.7927
Rh-99m	0.3510	0.2984	0.2504	0.3285	2.1124	1.6564	1.6747	2.3246
Rn-207	0.5116	0.4208	0.3408	0.5717	3.0914	2.4008	2.3125	3.8059
Rn-209	0.5763	0.4777	0.3961	0.6632	3.4694	2.6591	2.7669	4.1812
Rn-210	0.0401	0.0334	0.0277	0.0461	0.2375	0.1886	0.1767	0.2846
Rn-211	0.7218	0.6112	0.5179	0.8424	4.3746	3.3512	3.7401	5.9123
Rn-212	0.0001	0.0001	0.0001	0.0001	0.0008	0.0006	0.0006	0.0014
Rn-215	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0003	0.0003	0.0002	0.0003	0.0019	0.0015	0.0014	0.0034
Rn-219	0.0516	0.0407	0.0327	0.0553	0.3198	0.2315	0.2362	0.2715
Rn-220	1.2696	1.2678	1.2514	1.2380	1.3242	1.2894	1.3448	1.3017
Rn-222	0.0002	0.0002	0.0001	0.0002	0.0012	0.0010	0.0007	0.0013
Rn-223	0.2499	0.2091	0.1894	0.2950	1.4223	1.1866	1.1061	1.9258
Ru-103	0.2455	0.2091	0.1481	0.2579	1.5902	1.2611	0.9592	1.6388
Ru-105	0.3334	0.2796	0.2124	0.3527	2.0895	1.5856	1.6201	2.8507
Ru-106	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ru-107	0.1347	0.1164	0.0889	0.1437	0.8445	0.6162	0.7150	0.9489
Ru-108	0.0967	0.0794	0.0540	0.1249	0.5944	0.5356	0.4364	0.7076
Ru-92	1.0131	0.8713	0.6874	1.0016	6.1547	4.7470	4.7885	5.3367
Ru-94	0.3404	0.2901	0.2393	0.3308	2.0234	1.5451	1.7504	2.2412
Ru-95	0.4631	0.3935	0.3365	0.4637	2.8276	2.1594	2.4321	3.3131
Ru-97	0.3269	0.2952	0.2110	0.2701	1.9289	1.4693	1.4157	1.4312
S-35	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S-37	0.2291	0.1758	0.1701	0.2702	1.4453	1.0652	2.3467	1.2289
S-38	0.2419	0.2084	0.2623	0.3045	1.5405	1.0506	1.6639	1.8534
Sb-111	0.3676	0.3062	0.2293	0.4409	2.3041	1.9567	1.8026	2.7803
Sb-113	0.3096	0.2660	0.2063	0.3076	1.9547	1.5906	1.3332	1.9670
Sb-114	0.3894	0.3425	0.3388	0.4576	2.4215	1.7872	2.6074	3.0254
Sb-115	0.3251	0.2835	0.2210	0.3078	2.0311	1.7114	1.3592	2.0288
Sb-116	0.3571	0.3176	0.3194	0.3965	2.2004	1.6717	2.4526	2.6427
Sb-116m	0.9908	0.8728	0.7584	1.0667	6.1013	4.7990	5.8566	7.3331
Sb-117	0.3140	0.2623	0.2100	0.3499	1.8679	1.8150	1.5264	2.2878
Sb-118	0.0381	0.0351	0.0346	0.0267	0.2128	0.2053	0.2088	0.2334

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sb-118m	0.9798	0.8469	0.7747	0.9850	6.0051	4.6686	5.9310	6.0320
Sb-119	0.1300	0.1213	0.1226	0.0737	0.6899	0.7276	0.6356	0.7152
Sb-120	0.0673	0.0628	0.0622	0.0386	0.3645	0.3765	0.3476	0.3838
Sb-120m	0.9881	0.8942	0.7195	0.9974	6.0372	4.7311	5.6309	6.3300
Sb-122m	0.2569	0.2236	0.2092	0.2128	1.4669	1.4079	1.1626	1.2568
Sb-122	0.1902	0.1610	0.1174	0.1923	1.2032	0.9408	0.8229	1.7415
Sb-124	0.4818	0.4149	0.3590	0.5397	3.0290	2.2378	2.5066	4.7214
Sb-124m	0.1880	0.1580	0.1181	0.1938	1.1785	0.9171	0.8116	1.7989
Sb-124n	0.0038	0.0026	0.0065	0.0090	0.0142	0.0158	0.0031	0.0096
Sb-125	0.2934	0.2543	0.2038	0.2672	1.7803	1.4764	1.4444	2.1864
Sb-126	1.0639	0.8901	0.6687	1.1271	6.6433	4.9098	5.4549	10.5667
Sb-126m	0.6429	0.5340	0.4025	0.6771	3.9930	2.9315	3.2613	6.2391
Sb-127	0.3027	0.2533	0.1898	0.3194	1.9069	1.4386	1.4615	2.6013
Sb-128	1.1554	0.9689	0.7346	1.2310	7.3040	5.4967	5.7800	10.8665
Sb-128m	0.7381	0.6125	0.4698	0.7926	4.6889	3.5166	3.7102	6.5439
Sb-129	0.4108	0.3545	0.2897	0.4769	2.6115	1.9045	2.3926	3.6120
Sb-130m	0.8500	0.7346	0.5648	0.9829	5.3922	3.9693	4.9816	7.4215
Sb-130	1.2117	1.0279	0.7899	1.3520	7.6787	5.7238	6.4785	9.7735
Sb-131	0.5138	0.4436	0.3858	0.5886	3.2528	2.3497	3.1880	4.4631
Sb-133	0.5433	0.4743	0.4395	0.6413	3.4507	2.4694	3.6193	4.2971
Sc-42m	0.7467	0.6513	0.6086	0.9142	4.6850	3.3522	4.4865	5.5959
Sc-43	0.0565	0.0447	0.0367	0.0605	0.3483	0.2466	0.2825	0.3505
Sc-44	0.2373	0.2095	0.2020	0.2869	1.4879	1.0621	1.7540	1.8494
Sc-44m	0.2390	0.1864	0.1492	0.2462	1.5253	1.1017	1.0545	1.0567
Sc-46	0.4875	0.4270	0.3656	0.5812	3.0939	2.2036	3.3672	4.1146
Sc-47	0.1531	0.1187	0.0776	0.2237	0.9655	0.8926	0.7238	1.2634
Sc-48	0.7502	0.6632	0.5985	0.9056	4.7430	3.3606	5.3703	5.9681
Sc-49	0.0002	0.0001	0.0002	0.0002	0.0011	0.0007	0.0010	0.0014
Sc-50	0.7388	0.6544	0.5875	0.9004	4.7022	3.4333	4.2561	5.8213
Se-70	0.3295	0.2577	0.2921	0.4098	1.8033	1.5034	1.3252	1.7079
Se-71	0.2369	0.1970	0.1596	0.3118	1.4892	1.1958	1.3345	1.9240
Se-72	0.1719	0.1319	0.1936	0.2161	0.8374	0.8227	0.6360	0.7346
Se-73	0.4086	0.3236	0.2945	0.4559	2.4377	1.9148	1.8019	2.2913
Se-73m	0.0517	0.0408	0.0448	0.0677	0.2830	0.2305	0.2196	0.3185
Se-75	0.4718	0.3715	0.3431	0.5983	2.8237	2.2532	1.9386	2.4813
Se-77m	0.1495	0.1161	0.1008	0.2209	0.8653	0.7977	0.6771	1.1516
Se-79m	0.0739	0.0590	0.0838	0.1122	0.3295	0.3221	0.2831	0.4929
Se-79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Se-81	0.0048	0.0039	0.0030	0.0050	0.0309	0.0229	0.0217	0.0298
Se-81m	0.0816	0.0670	0.0891	0.1194	0.3778	0.3702	0.3177	0.5474

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Se-83m	0.2516	0.2157	0.1913	0.2871	1.5922	1.1306	1.6007	2.0504
Se-83	0.8330	0.7060	0.5857	0.9123	5.2791	3.8563	4.4807	6.0683
Se-84	0.2578	0.2078	0.1621	0.2813	1.5864	1.0962	1.3638	1.6968
Si-31	0.0002	0.0001	0.0001	0.0002	0.0010	0.0007	0.0012	0.0012
Si-32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-139	0.3968	0.3272	0.2710	0.3964	2.4985	1.9217	1.9192	2.5080
Sm-140	0.2458	0.2140	0.1965	0.2306	1.4947	1.2746	1.3123	1.3380
Sm-141	0.3611	0.3046	0.2697	0.3851	2.2287	1.6697	2.0080	2.3600
Sm-141m	0.7000	0.6167	0.4899	0.7052	4.3411	3.2991	3.7243	4.6318
Sm-142	0.1162	0.1037	0.1080	0.0825	0.6798	0.6670	0.6427	0.4763
Sm-143	0.0782	0.0697	0.0717	0.0604	0.4624	0.4371	0.4447	0.3538
Sm-143m	0.2326	0.1980	0.1498	0.2589	1.4690	1.1035	1.2572	2.3347
Sm-145	0.2431	0.2153	0.2223	0.1765	1.4234	1.3900	1.3178	0.9939
Sm-146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0001	0.0001	0.0002	0.0002	0.0005	0.0006	0.0003	0.0005
Sm-153	0.1797	0.1609	0.1423	0.1520	1.0690	1.0196	0.8155	0.8958
Sm-155	0.2073	0.1949	0.1400	0.2013	1.2728	1.1960	0.8478	1.2578
Sm-156	0.1884	0.1628	0.1238	0.1971	1.1332	0.9499	0.7481	0.9288
Sm-157	0.3142	0.2812	0.1960	0.2867	1.9246	1.4424	1.4584	1.5134
Sn-106	0.5743	0.4889	0.4028	0.5662	3.5110	2.7426	2.9212	3.6700
Sn-108	0.5652	0.4756	0.3837	0.5445	3.4177	2.7218	2.7479	3.6153
Sn-109	0.5316	0.4695	0.4467	0.5690	3.2716	2.4998	3.2958	3.8981
Sn-110	0.3517	0.2903	0.2491	0.3034	2.1383	1.7385	1.5571	1.7130
Sn-111	0.1073	0.0988	0.0964	0.0808	0.6061	0.5573	0.5767	0.6875
Sn-113	0.1077	0.1007	0.0974	0.0606	0.5783	0.5894	0.5224	0.5936
Sn-113m	0.0744	0.0694	0.0695	0.0421	0.3968	0.4181	0.3652	0.4086
Sn-117m	0.2961	0.2445	0.1920	0.3458	1.7735	1.7158	1.4274	2.1947
Sn-119m	0.0853	0.0790	0.0821	0.0524	0.4477	0.4710	0.4038	0.4665
Sn-121	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.0274	0.0254	0.0270	0.0187	0.1474	0.1566	0.1366	0.1354
Sn-123	0.0015	0.0014	0.0012	0.0018	0.0098	0.0069	0.0114	0.0123
Sn-123m	0.2082	0.1650	0.1123	0.2864	1.2985	1.2063	0.9895	1.6483
Sn-125m	0.2403	0.1881	0.1547	0.2340	1.5241	1.1498	1.0473	1.3674
Sn-125	0.0818	0.0711	0.0624	0.0963	0.5202	0.3707	0.5453	0.6620
Sn-126	0.1738	0.1545	0.1268	0.1671	1.0101	0.9465	0.6674	0.9489
Sn-127m	0.2460	0.2103	0.1557	0.2667	1.5896	1.2420	1.0263	1.6123
Sn-127	0.5150	0.4448	0.3780	0.5865	3.2622	2.3870	3.1640	3.9468
Sn-128	0.5529	0.4854	0.4048	0.4774	3.3050	2.9387	2.5488	3.4920

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Sn-129	0.3189	0.2700	0.2143	0.3347	1.9860	1.4802	1.6769	3.3778
Sn-130	0.6036	0.5267	0.3845	0.5901	3.7044	2.9116	2.8675	3.9808
Sn-130m	0.3706	0.3210	0.2671	0.4015	2.2857	1.8640	1.9771	2.8819
Sr-79	0.2396	0.2056	0.1751	0.2375	1.3924	1.1942	1.1846	1.5776
Sr-80	0.2525	0.2090	0.1852	0.2695	1.3930	1.1235	1.2724	2.2547
Sr-81	0.3416	0.2803	0.2063	0.4219	2.1082	1.7313	1.6636	2.6056
Sr-82	0.0921	0.0749	0.0924	0.1048	0.3703	0.3401	0.5716	0.8765
Sr-83	0.3155	0.2616	0.2538	0.3569	1.6977	1.3269	1.8397	2.8051
Sr-85	0.3306	0.2781	0.2365	0.3550	1.9121	1.5668	1.5013	2.5389
Sr-85m	0.2627	0.2173	0.1580	0.2702	1.6168	1.1861	1.1647	1.1801
Sr-87m	0.2219	0.1775	0.1459	0.2386	1.3311	0.9311	1.1918	1.4698
Sr-89	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001	0.0002	0.0002
Sr-90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sr-91	0.2027	0.1749	0.1402	0.2299	1.2821	0.9264	1.2522	1.8854
Sr-92	0.2530	0.2255	0.2267	0.3222	1.5863	1.1319	1.6564	1.9739
Sr-93	0.6622	0.5654	0.4650	0.7408	4.1604	3.1140	3.6897	5.8067
Sr-94	0.2616	0.2349	0.2360	0.3398	1.6448	1.1721	1.6489	2.1626
Ta-170	0.2506	0.2140	0.1914	0.2697	1.4886	1.2520	1.1307	1.4242
Ta-172	0.5923	0.5059	0.4554	0.6441	3.5808	2.8100	2.9925	3.4647
Ta-173	0.4179	0.3377	0.3379	0.4685	2.4221	2.1210	1.7942	2.2055
Ta-174	0.4414	0.3769	0.3344	0.4526	2.6108	2.1044	1.9611	2.0782
Ta-175	0.6160	0.5086	0.4818	0.6722	3.6892	2.9980	2.8787	3.4075
Ta-176	0.6324	0.5374	0.5411	0.7348	3.8310	3.0032	3.4562	4.1088
Ta-177	0.1877	0.1496	0.1582	0.1923	1.0605	0.9762	0.7275	0.7878
Ta-178	0.1972	0.1574	0.1697	0.2064	1.1108	1.0188	0.7739	0.8468
Ta-178m	1.2050	0.9914	0.8140	1.2204	7.3118	5.8314	4.9731	6.1336
Ta-179	0.0918	0.0711	0.0861	0.1036	0.4978	0.4671	0.3302	0.3542
Ta-180	0.1588	0.1260	0.1365	0.1644	0.8893	0.8266	0.6006	0.6532
Ta-182	0.5163	0.4394	0.4115	0.6054	3.1176	2.5089	2.8050	3.1933
Ta-182m	0.4860	0.3886	0.3618	0.6036	2.8277	2.5147	1.9298	2.5875
Ta-183	0.4889	0.3921	0.3740	0.5579	2.8696	2.4421	1.9336	2.3043
Ta-184	0.9066	0.7463	0.6168	1.0125	5.6027	4.2158	4.4259	5.6400
Ta-185	0.2586	0.2100	0.1926	0.3175	1.5026	1.3094	1.0237	1.3503
Ta-186	0.8211	0.7028	0.5146	0.8455	5.1022	3.8746	3.6607	5.5231
Tb-146	0.5638	0.5008	0.4832	0.7104	3.5481	2.5526	3.5143	4.3528
Tb-147m	0.3503	0.3072	0.3235	0.4036	2.1545	1.6546	2.1624	2.4000
Tb-147	0.5891	0.5047	0.4570	0.6476	3.6475	2.8568	3.5125	4.4301
Tb-148m	1.1250	0.9439	0.7493	1.2135	7.0030	5.2189	6.0994	9.8453
Tb-148	0.4931	0.4218	0.3625	0.5432	3.1052	2.3552	2.8275	4.0621
Tb-149m	0.4711	0.3984	0.3250	0.4979	2.9228	2.3083	2.4868	4.0933

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tb-149	0.5506	0.4592	0.3964	0.5826	3.3995	2.6820	2.9515	3.8673
Tb-150m	1.1287	0.9411	0.7294	1.1363	7.0165	5.4529	5.3464	9.9511
Tb-150	0.5701	0.4835	0.4325	0.5850	3.5363	2.7434	3.1788	4.7037
Tb-151	0.7196	0.5996	0.5030	0.6985	4.4223	3.5730	3.3723	4.3358
Tb-151m	0.1068	0.0827	0.1048	0.1275	0.5718	0.5168	0.3880	0.4712
Tb-152m	0.6379	0.5133	0.4465	0.6274	3.9136	3.1548	2.9221	3.4588
Tb-152	0.5015	0.4151	0.3781	0.5012	3.1098	2.4137	2.6670	3.1461
Tb-153	0.4019	0.3431	0.2961	0.3638	2.4076	2.0552	1.8272	1.9373
Tb-154	0.5711	0.4890	0.4840	0.5988	3.5363	2.7895	3.4573	3.7490
Tb-155	0.3902	0.3322	0.2896	0.3667	2.3220	2.1132	1.6699	1.9280
Tb-156	0.8354	0.7202	0.6220	0.8451	5.1415	4.0603	4.2985	5.1753
Tb-156m	0.1212	0.0941	0.0906	0.0723	0.6974	0.6501	0.4959	0.4252
Tb-156n	0.0230	0.0174	0.0284	0.0355	0.1105	0.1110	0.0607	0.0779
Tb-157	0.0267	0.0207	0.0315	0.0348	0.1345	0.1343	0.0908	0.0897
Tb-158	0.4010	0.3424	0.3066	0.4143	2.4353	1.9805	2.2109	2.5560
Tb-160	0.4029	0.3431	0.2924	0.4453	2.5133	1.8888	2.3009	2.7863
Tb-161	0.1377	0.1129	0.1216	0.1201	0.7577	0.7284	0.5491	0.5844
Tb-162	0.5550	0.4578	0.3585	0.6101	3.4989	2.5852	2.8064	3.6122
Tb-163	0.4790	0.3889	0.3027	0.4978	3.0035	2.2475	2.1929	3.1253
Tb-164	0.8950	0.7567	0.6126	0.9792	5.5851	4.2457	4.6323	7.1561
Tb-165	0.2029	0.1767	0.1694	0.2458	1.2592	0.9400	1.1870	1.4972
Tc-101	0.2511	0.1973	0.1579	0.2446	1.6053	1.2268	1.0334	1.3797
Tc-102m	0.6443	0.5538	0.4762	0.7157	4.0923	3.0216	3.5392	5.1567
Tc-102	0.0292	0.0248	0.0192	0.0317	0.1865	0.1405	0.1449	0.2162
Tc-104	0.6073	0.5079	0.4420	0.6746	3.8468	2.8073	3.3798	4.3375
Tc-105	0.4201	0.3533	0.2764	0.4672	2.6237	2.0838	1.9886	2.9176
Tc-91	0.2412	0.2128	0.2052	0.2799	1.5403	1.1094	1.5952	1.7752
Tc-91m	0.1666	0.1439	0.1102	0.1818	1.0719	0.8383	0.7351	1.1489
Tc-92	0.9525	0.8048	0.6731	1.1478	6.0017	4.5820	4.9181	7.4237
Tc-93	0.3338	0.3047	0.3035	0.3888	1.9903	1.5082	2.0398	2.4983
Tc-93m	0.2573	0.2156	0.1858	0.2627	1.5661	1.1346	1.5746	1.6189
Tc-94	0.8550	0.7415	0.5768	0.9446	5.3166	3.9681	4.8994	8.0264
Tc-94m	0.3182	0.2784	0.2319	0.3656	1.9959	1.4602	2.0184	2.7157
Tc-95	0.3362	0.2957	0.2339	0.3470	2.0114	1.5738	1.8106	3.0084
Tc-95m	0.4188	0.3777	0.2705	0.3834	2.5049	1.9119	2.0045	2.7944
Tc-96	0.8324	0.7228	0.5630	0.9375	5.1855	3.8789	4.8006	7.5909
Tc-96m	0.0566	0.0534	0.0478	0.0452	0.2989	0.2664	0.2771	0.3595
Tc-97	0.0858	0.0815	0.0735	0.0608	0.4254	0.4014	0.4177	0.5036
Tc-97m	0.0649	0.0627	0.0563	0.0449	0.3273	0.3077	0.3012	0.3722
Tc-98	0.4949	0.4173	0.3079	0.5236	3.0985	2.3225	2.5101	5.5067

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Tc-99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Tc-99m	0.1829	0.1482	0.1056	0.2560	1.1416	1.0153	0.8116	1.3177
Te-113	0.2798	0.2448	0.2261	0.3199	1.7657	1.2874	1.8200	2.2775
Te-114	0.4702	0.4158	0.3780	0.4547	2.8349	2.3572	2.5133	3.2000
Te-115	0.4209	0.3680	0.3295	0.4624	2.6142	1.9616	2.5123	3.3429
Te-115m	0.4912	0.4312	0.3949	0.5516	3.0697	2.3011	3.0066	4.1084
Te-116	0.2634	0.2475	0.2158	0.1890	1.5021	1.5063	1.2428	1.5421
Te-117	0.3731	0.3295	0.2917	0.3772	2.2972	1.8164	2.1531	3.1867
Te-118	0.1057	0.1005	0.0983	0.0574	0.5771	0.6151	0.5538	0.5556
Te-119	0.3585	0.3132	0.2605	0.3133	2.1448	1.7973	1.7941	3.4583
Te-119m	0.5938	0.5079	0.4482	0.6653	3.6504	3.0198	3.4911	4.1511
Te-121	0.3553	0.3120	0.2510	0.3088	2.1602	1.8592	1.6055	2.7777
Te-121m	0.2797	0.2565	0.1860	0.2200	1.6775	1.3333	1.2759	1.1283
Te-123	0.0035	0.0024	0.0058	0.0079	0.0133	0.0148	0.0037	0.0093
Te-123m	0.2620	0.2162	0.1654	0.3211	1.5945	1.5371	1.2846	1.9258
Te-125m	0.1824	0.1756	0.1701	0.1040	1.0173	1.0882	0.9967	0.8979
Te-127	0.0033	0.0027	0.0021	0.0034	0.0201	0.0145	0.0166	0.0202
Te-127m	0.0579	0.0552	0.0552	0.0361	0.3194	0.3417	0.3063	0.2828
Te-129	0.0567	0.0498	0.0462	0.0522	0.3325	0.2965	0.2690	0.3179
Te-129m	0.0522	0.0488	0.0461	0.0362	0.2959	0.2965	0.2761	0.3186
Te-131	0.2806	0.2311	0.1720	0.3506	1.7606	1.4970	1.3979	2.1248
Te-131m	0.5281	0.4569	0.3634	0.5772	3.3140	2.5317	2.9254	4.2116
Te-132	0.3641	0.3214	0.2508	0.2928	2.2078	1.8205	1.7073	1.4697
Te-133	0.4174	0.3448	0.2951	0.4480	2.6428	1.9410	2.2313	2.9042
Te-133m	0.6173	0.5309	0.4333	0.6825	3.8878	2.9069	3.5319	5.0090
Te-134	0.5324	0.4559	0.3304	0.5389	3.3116	2.5648	2.4622	3.6102
Th-223	0.2024	0.1743	0.1518	0.2395	1.1225	1.0248	0.7942	1.3122
Th-224	0.0331	0.0281	0.0207	0.0381	0.1953	0.1634	0.1461	0.2045
Th-226	0.0250	0.0215	0.0213	0.0290	0.1305	0.1181	0.1095	0.1594
Th-227	0.2427	0.1981	0.1962	0.2644	1.3186	1.1008	1.0594	1.3482
Th-228	0.0200	0.0165	0.0197	0.0244	0.0918	0.0856	0.0908	0.1341
Th-229	0.3085	0.2636	0.2583	0.3656	1.6104	1.4713	1.2691	1.9590
Th-230	1.3924	1.3637	1.3442	1.2894	1.4465	1.4277	1.5479	1.4810
Th-231	0.1671	0.1419	0.1641	0.1860	0.7835	0.7508	0.7654	1.1031
Th-232	4.3528	4.2738	4.4875	4.2672	4.5551	4.4637	4.4542	4.1518
Th-233	0.0527	0.0444	0.0467	0.0642	0.2802	0.2525	0.2153	0.3332
Th-234	0.0398	0.0342	0.0338	0.0441	0.2097	0.1947	0.1709	0.2463
Th-235	0.0259	0.0219	0.0168	0.0282	0.1600	0.1224	0.1278	0.2183
Th-236	0.0426	0.0372	0.0318	0.0464	0.2416	0.2096	0.1851	0.2948
Ti-44	0.3824	0.3065	0.2388	0.4512	2.2815	1.9326	1.2478	1.9017

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Ti-45	0.0020	0.0015	0.0026	0.0037	0.0094	0.0085	0.0057	0.0104
Ti-51	0.2406	0.1884	0.1545	0.2329	1.5397	1.1732	1.0314	1.3838
Ti-52	0.2038	0.1742	0.1388	0.2663	1.2333	1.0637	0.8313	1.2180
Tl-190	0.3699	0.3023	0.2500	0.4177	2.2436	1.6704	1.8094	2.6238
Tl-190m	0.9509	0.7862	0.6242	1.0359	5.8518	4.4000	4.6050	7.9184
Tl-194	0.3887	0.3162	0.2650	0.4428	2.3302	1.7972	1.7521	2.7080
Tl-194m	1.2238	1.0137	0.8113	1.3505	7.4696	5.7323	5.6252	10.0065
Tl-195	0.5166	0.4268	0.4189	0.6369	3.0458	2.4217	2.4350	3.3873
Tl-196	0.6501	0.5411	0.4913	0.7664	3.9575	2.9814	3.2483	4.5805
Tl-197	0.3811	0.3081	0.2816	0.4717	2.2247	1.8383	1.5578	2.3508
Tl-198	0.7073	0.5883	0.5439	0.8375	4.2908	3.2191	3.6737	4.9323
Tl-198m	0.8019	0.6511	0.5451	0.8899	4.8112	3.7337	3.4615	6.0024
Tl-199	0.3641	0.2938	0.2620	0.4371	2.1149	1.7453	1.3831	1.9164
Tl-200	0.6293	0.5151	0.4614	0.7323	3.7952	2.9090	3.0856	4.1973
Tl-201	0.2697	0.2138	0.2105	0.3531	1.5017	1.3239	0.9421	1.4454
Tl-202	0.4233	0.3422	0.2933	0.4960	2.5177	1.9908	1.7601	2.4942
Tl-204	0.0042	0.0033	0.0035	0.0056	0.0232	0.0205	0.0142	0.0218
Tl-206m	1.2567	1.0488	0.8063	1.3371	7.8465	5.7724	6.1175	8.3568
Tl-206	0.0002	0.0002	0.0002	0.0003	0.0012	0.0010	0.0008	0.0013
Tl-207	0.0007	0.0006	0.0005	0.0008	0.0043	0.0031	0.0043	0.0059
Tl-208	0.5955	0.5103	0.4191	0.5799	3.8451	2.9132	3.6389	4.2865
Tl-209	0.7342	0.6441	0.5452	0.9066	4.6062	3.5494	3.4648	5.1960
Tl-210	0.8021	0.6743	0.5971	0.9151	5.0329	3.7252	4.5276	5.9853
Tm-161	0.7480	0.6132	0.5901	0.7311	4.4378	3.7853	3.3605	3.8707
Tm-162	0.4455	0.3788	0.3615	0.4709	2.7193	2.1670	2.4671	2.9053
Tm-163	0.6638	0.5513	0.5200	0.6628	3.9847	3.2930	3.1774	3.7398
Tm-164	0.1744	0.1434	0.1447	0.1690	1.0251	0.8762	0.8211	0.9187
Tm-165	0.5247	0.4203	0.3760	0.4886	3.1605	2.5781	2.2882	2.5450
Tm-166	0.6621	0.5539	0.5268	0.7063	4.0231	3.1685	3.4764	4.5618
Tm-167	0.2891	0.2380	0.2180	0.2451	1.6652	1.4201	1.1334	1.0326
Tm-168	0.7274	0.6167	0.4865	0.7315	4.4218	3.4813	3.3702	4.7755
Tm-170	0.0135	0.0106	0.0115	0.0161	0.0742	0.0682	0.0416	0.0574
Tm-171	0.0021	0.0017	0.0018	0.0021	0.0119	0.0110	0.0079	0.0081
Tm-172	0.1340	0.1149	0.1160	0.1710	0.8099	0.6207	0.7042	0.9057
Tm-173	0.2601	0.2081	0.1688	0.2808	1.5814	1.1088	1.3705	1.6544
Tm-174	0.9983	0.8166	0.6611	1.0954	6.2182	4.6695	5.0584	6.0146
Tm-175	0.4342	0.3674	0.2920	0.4718	2.7418	2.1012	2.1594	3.1928
Tm-176	0.6927	0.5850	0.4984	0.7528	4.2816	3.2120	3.7733	4.2367
U-227	0.2231	0.1899	0.1622	0.2423	1.2766	1.0836	0.9403	1.2803
U-228	0.0239	0.0205	0.0219	0.0269	0.1167	0.1084	0.1088	0.1570

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
U-230	0.0230	0.0192	0.0231	0.0265	0.1033	0.0978	0.1098	0.1557
U-231	0.3581	0.3152	0.3124	0.3903	1.8284	1.7345	1.5685	2.3962
U-232	0.0208	0.0174	0.0216	0.0240	0.0909	0.0871	0.1012	0.1432
U-233	0.0109	0.0090	0.0115	0.0130	0.0473	0.0453	0.0524	0.0753
U-234	1.3496	1.2729	1.2613	1.3294	1.4040	1.3619	1.3937	1.5042
U-235	2.9907	2.9904	2.7430	3.0887	3.1050	3.0168	2.9324	2.7162
U-235m	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U-236	0.0170	0.0143	0.0178	0.0197	0.0739	0.0710	0.0832	0.1182
U-237	0.3555	0.3157	0.2770	0.3589	1.9765	1.7827	1.5135	2.0275
U-238	1.1851	1.1802	1.1210	1.1690	1.2186	1.1998	1.2529	1.1747
U-239	0.1328	0.1084	0.0903	0.1511	0.7620	0.6534	0.4788	0.7209
U-240	0.0586	0.0504	0.0586	0.0660	0.2735	0.2619	0.2663	0.3785
U-242	0.0492	0.0407	0.0338	0.0500	0.2929	0.2496	0.2072	0.2995
V-47	0.0020	0.0017	0.0020	0.0029	0.0120	0.0092	0.0104	0.0130
V-48	0.5117	0.4518	0.4241	0.6264	3.2193	2.2884	3.6275	4.0661
V-49	0.0094	0.0063	0.0160	0.0221	0.0349	0.0390	0.0077	0.0237
V-50	0.2765	0.2489	0.2493	0.3804	1.7352	1.2340	1.5446	2.3267
V-52	0.2547	0.2302	0.2360	0.3371	1.6017	1.1354	1.6224	2.0562
V-53	0.2544	0.2246	0.1919	0.3012	1.6188	1.1312	1.8477	2.0307
W-177	0.7754	0.6402	0.5853	0.8711	4.6040	3.8654	3.4297	4.4255
W-178	0.0642	0.0490	0.0669	0.0857	0.3330	0.3168	0.2074	0.2454
W-179	0.2042	0.1646	0.1917	0.2242	1.1179	1.0683	0.7954	0.8218
W-179m	0.1435	0.1146	0.1214	0.1612	0.8094	0.7156	0.5430	0.5846
W-181	0.1382	0.1083	0.1236	0.1531	0.7644	0.7086	0.5158	0.5583
W-185m	0.0973	0.0728	0.1146	0.1665	0.4724	0.4564	0.2573	0.3997
W-185	0.0001	0.0001	0.0001	0.0002	0.0007	0.0006	0.0005	0.0006
W-187	0.2613	0.2162	0.1744	0.2885	1.6043	1.2920	1.1326	2.0304
W-188	0.0023	0.0018	0.0016	0.0024	0.0140	0.0109	0.0093	0.0100
W-190	0.3503	0.2754	0.2659	0.4443	2.0361	1.8711	1.4290	1.9583
Xe-120	0.4056	0.3660	0.3113	0.3391	2.4016	2.2036	2.0461	2.4940
Xe-121	0.3412	0.2987	0.2599	0.3368	2.1161	1.7349	1.9280	2.0719
Xe-122	0.1537	0.1437	0.1311	0.1065	0.8928	0.8907	0.8325	0.7793
Xe-123	0.3202	0.2799	0.2326	0.3348	1.9486	1.7718	1.6913	2.0759
Xe-125	0.3940	0.3563	0.2801	0.3225	2.3668	2.0598	1.9347	1.8435
Xe-127	0.3987	0.3655	0.2674	0.3293	2.3941	2.0225	1.9112	1.8815
Xe-127m	0.2873	0.2533	0.1954	0.3169	1.7577	1.6008	1.3476	1.6657
Xe-129m	0.2142	0.2091	0.1952	0.1286	1.2364	1.3020	1.2280	0.9522
Xe-131m	0.0893	0.0865	0.0822	0.0577	0.5127	0.5476	0.5084	0.4132
Xe-133	0.1562	0.1406	0.1145	0.1424	0.9275	0.8825	0.6826	0.7543
Xe-133m	0.1118	0.1057	0.0954	0.0762	0.6553	0.6447	0.6086	0.4817

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Xe-135	0.2661	0.2099	0.1627	0.2733	1.6918	1.2112	1.1910	1.0951
Xe-135m	0.2180	0.1882	0.1381	0.2172	1.3917	1.1359	0.9022	1.5712
Xe-137	0.0874	0.0730	0.0558	0.0949	0.5538	0.4118	0.4170	0.5787
Xe-138	0.3342	0.2764	0.2656	0.3878	2.0997	1.5152	1.8295	2.0960
Y-81	0.2702	0.2263	0.1848	0.3235	1.5548	1.3022	1.1797	1.7533
Y-83	0.2076	0.1799	0.1684	0.2128	1.1702	0.9635	1.2138	1.5768
Y-83m	0.2446	0.1961	0.1596	0.2536	1.4923	1.1027	1.1400	1.2803
Y-84m	0.8136	0.7068	0.5821	0.9525	5.1528	3.7131	5.1489	7.2626
Y-85	0.2072	0.1769	0.1384	0.2211	1.2727	1.0187	0.9289	1.4677
Y-85m	0.2271	0.1945	0.1789	0.2483	1.3579	1.0129	1.2979	1.6624
Y-86	0.8592	0.7389	0.6682	0.9752	5.2884	3.8742	5.2992	7.4200
Y-86m	0.2310	0.2115	0.1281	0.1946	1.4135	0.9939	0.9716	0.8533
Y-87	0.3175	0.2681	0.2255	0.3347	1.8410	1.4977	1.4631	2.2302
Y-87m	0.2136	0.1712	0.1406	0.2246	1.2854	0.9149	1.1186	1.3824
Y-88	0.6062	0.5270	0.5401	0.7351	3.6648	2.6543	3.8883	5.0728
Y-89m	0.2482	0.2164	0.1718	0.2937	1.5846	1.1286	1.6377	2.1895
Y-90	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
Y-90m	0.4578	0.4080	0.2627	0.4257	2.8587	2.1130	1.9030	2.2876
Y-91	0.0006	0.0005	0.0005	0.0007	0.0037	0.0027	0.0044	0.0046
Y-91m	0.2388	0.2021	0.1460	0.2428	1.5127	1.1883	0.9986	2.0857
Y-92	0.0663	0.0578	0.0485	0.0783	0.4217	0.3033	0.4144	0.5522
Y-93	0.0349	0.0286	0.0251	0.0384	0.2225	0.1586	0.1854	0.2093
Y-94	0.1956	0.1702	0.1410	0.2294	1.2466	0.8909	1.2780	1.6609
Y-95	0.1548	0.1334	0.1314	0.1809	0.9889	0.7015	1.1240	1.1186
Yb-162	0.3696	0.2971	0.2599	0.3963	2.1936	1.9676	1.5222	2.0962
Yb-163	0.2850	0.2305	0.2331	0.2991	1.6702	1.4053	1.3040	1.5998
Yb-164	0.1516	0.1174	0.1246	0.1247	0.8526	0.7916	0.5878	0.5698
Yb-165	0.4043	0.3167	0.3326	0.4211	2.2808	2.0456	1.4968	1.7444
Yb-166	0.2861	0.2222	0.2293	0.2462	1.6137	1.4940	1.0608	1.0820
Yb-167	0.6085	0.4991	0.4695	0.6001	3.5181	3.2451	2.3412	2.8202
Yb-169	0.7059	0.5745	0.5253	0.6486	4.1067	3.6321	2.8004	2.9691
Yb-175	0.0363	0.0291	0.0245	0.0383	0.2208	0.1698	0.1698	0.2015
Yb-177	0.1136	0.0925	0.0791	0.1416	0.6961	0.5945	0.5847	0.7721
Yb-178	0.0275	0.0218	0.0185	0.0293	0.1679	0.1218	0.1357	0.1653
Yb-179	0.4615	0.3820	0.2913	0.4691	2.8695	2.2205	2.0866	4.2361
Zn-60	0.2734	0.2246	0.1789	0.2782	1.6891	1.3104	1.2785	2.4042
Zn-61	0.1161	0.1002	0.0911	0.1355	0.7400	0.5414	0.6638	0.8485
Zn-62	0.2351	0.1931	0.1910	0.2703	1.3881	1.1572	0.9376	1.6020
Zn-63	0.0444	0.0377	0.0329	0.0520	0.2734	0.2026	0.2509	0.4172
Zn-65	0.1531	0.1284	0.1534	0.2203	0.8825	0.6733	0.9218	1.0348

Nuclide	avg100	ctr100	mid100	cnr100	avg200	ctr200	mid200	cnr200
Zn-69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zn-69m	0.2392	0.1961	0.1503	0.2610	1.4945	1.0870	1.1472	1.5522
Zn-71	0.1295	0.1105	0.0824	0.1420	0.8307	0.6384	0.6072	0.9439
Zn-71m	0.7413	0.6150	0.4632	0.7846	4.6576	3.4809	3.5139	5.9210
Zn-72	0.2611	0.2079	0.1959	0.3901	1.5140	1.3792	1.0079	1.6516
Zr-85	0.2306	0.1921	0.1558	0.2540	1.4350	1.0466	1.1916	1.5887
Zr-86	0.4766	0.4007	0.3455	0.4473	2.6874	2.1461	2.3539	2.5998
Zr-87	0.0340	0.0298	0.0300	0.0358	0.1837	0.1490	0.2171	0.2636
Zr-88	0.3393	0.2779	0.2406	0.3517	1.9230	1.4217	1.8562	2.3105
Zr-89	0.3231	0.2820	0.2400	0.3629	1.9262	1.4462	2.0620	2.7538
Zr-89m	0.2448	0.2074	0.1564	0.2484	1.5248	1.1794	1.1042	2.4322
Zr-93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Zr-95	0.2413	0.2048	0.1513	0.2695	1.5257	1.1329	1.2873	2.5434
Zr-97	0.2877	0.2446	0.1857	0.3213	1.8182	1.3505	1.5414	2.8497

Table 30: Concrete Infinite Contamination Thickness for 400x400x40 ft room

Nuclide	avg400	ctr400	mid400	cnr400
Ac-223	0.1715	0.1237	0.1481	0.3272
Ac-224	2.3168	1.6378	1.4531	1.9840
Ac-225	0.2255	0.1584	0.2367	0.4738
Ac-226	1.1340	0.7650	0.6764	0.8372
Ac-227	0.0231	0.0152	0.0376	0.1264
Ac-228	2.0004	1.2769	1.4640	1.9142
Ac-230	0.8784	0.5805	0.8453	1.1050
Ac-231	2.7703	1.9830	1.6067	1.8334
Ac-232	1.5287	0.9184	1.4731	1.9263
Ac-233	1.4885	1.1322	1.1120	1.2006
Ag-100m	2.9370	1.7196	1.9194	2.3995
Ag-101	2.2797	1.5092	1.3694	1.3219
Ag-102m	1.8532	1.2212	1.7017	1.7447
Ag-102	4.3547	2.7829	3.0798	3.5670
Ag-103	2.0595	1.3834	1.2446	1.3985
Ag-104	5.1358	3.3133	3.3244	3.9543
Ag-104m	2.1006	1.4739	1.6817	1.7410
Ag-105	2.4033	1.8310	1.6575	1.8523
Ag-105m	0.0090	0.0062	0.0039	0.0432
Ag-106	0.4304	0.3622	0.4000	0.4703
Ag-106m	6.2222	4.2761	4.2251	5.0638
Ag-108	0.0489	0.0336	0.0329	0.0420
Ag-108m	4.6137	3.1821	2.8635	3.6577
Ag-109m	0.2385	0.2169	0.2367	0.3542
Ag-110	0.0722	0.0421	0.0371	0.0434
Ag-110m	5.0434	2.9279	2.7778	3.3756
Ag-111	0.1272	0.0951	0.0716	0.0737
Ag-111m	0.1268	0.1132	0.1248	0.2053
Ag-112	1.1608	0.6941	0.7551	0.8663
Ag-113m	0.8831	0.6424	0.5172	0.5784
Ag-113	0.2845	0.1976	0.1541	0.1266
Ag-114	0.4840	0.3269	0.3560	0.3717
Ag-115	1.0157	0.6681	0.6562	0.6983
Ag-116	2.8798	1.9669	2.4218	2.2434
Ag-117	1.9743	1.2901	1.5336	1.6544
Ag-99	2.9643	1.8762	1.7779	1.8496
Al-26	1.7700	1.0608	1.8456	2.4765
Al-28	1.7386	1.0390	1.7689	2.4597
Al-29	1.4358	0.8332	1.1595	1.1367

Nuclide	avg400	ctr400	mid400	cnr400
Am-237	2.6604	1.8683	1.8826	2.5466
Am-238	2.7119	1.7566	1.9898	2.7318
Am-239	2.7270	1.8968	2.1093	3.2011
Am-240	2.8526	1.7981	2.2022	2.9604
Am-241	0.8616	0.8659	1.1399	1.0416
Am-242	0.3054	0.2244	0.3957	0.6099
Am-242m	0.1338	0.1047	0.2857	0.4727
Am-243	0.9478	0.7975	0.8804	0.7155
Am-244	2.3601	1.5107	1.9542	2.7101
Am-244m	0.0987	0.0731	0.1638	0.2415
Am-245	0.3103	0.2075	0.2195	0.2851
Am-246	3.0619	2.0258	2.5290	3.4791
Am-246m	1.7803	1.0659	1.2445	1.4864
Am-247	1.1594	0.7909	0.7893	0.9898
Ar-37	0.0048	0.0027	0.0001	0.0497
Ar-39	0.0000	0.0000	0.0000	0.0000
Ar-41	1.4054	0.8085	1.0713	1.1529
Ar-42	0.0000	0.0000	0.0000	0.0000
Ar-43	1.9270	1.1543	1.4287	1.5247
Ar-44	2.8426	1.7813	2.1661	2.8849
As-68	3.7574	2.1866	2.5539	2.8586
As-69	0.4920	0.3201	0.2727	0.3701
As-70	4.8468	2.8466	3.3023	3.8110
As-71	1.4952	0.9768	0.6214	1.3521
As-72	1.5432	0.9011	0.8292	1.0930
As-73	0.2823	0.1805	0.0981	1.8312
As-74	1.1977	0.7470	0.6680	1.0255
As-76	0.9490	0.6422	0.6388	0.6606
As-77	0.0469	0.0319	0.0228	0.0192
As-78	2.1412	1.2879	1.3890	1.5600
As-79	0.0956	0.0692	0.0579	0.0758
At-204	6.2624	4.4405	3.9753	4.8167
At-205	2.8983	1.9985	1.8717	2.3564
At-206	6.4307	4.5160	4.0408	5.0198
At-207	4.7134	3.1824	3.1152	3.8030
At-208	7.3380	4.6638	4.2681	5.1490
At-209	6.5722	4.5000	4.0077	4.9137
At-210	5.7140	3.6674	3.8263	4.7554
At-211	0.5491	0.4472	0.4099	0.5757
At-215	0.0007	0.0006	0.0005	0.0008

Nuclide	avg400	ctr400	mid400	cnr400
At-216	0.0303	0.0237	0.0198	0.0251
At-217	0.0016	0.0011	0.0008	0.0008
At-218	0.0000	0.0000	0.0000	0.0000
At-219	0.0000	0.0000	0.0000	0.0000
At-220	2.3139	1.5938	1.1839	1.1482
Au-186	3.2675	2.2858	1.9082	2.1815
Au-187	2.5127	1.7828	1.8276	2.3885
Au-190	4.2071	2.9431	3.1687	2.8826
Au-191	3.1369	2.3377	1.9827	2.4253
Au-192	3.8569	2.7175	2.9492	3.0271
Au-193	1.7914	1.3910	1.1905	1.4070
Au-193m	1.4862	1.0075	0.7082	1.0026
Au-194	2.9629	2.1547	2.0892	2.3270
Au-195	1.3461	1.0744	0.9502	1.5043
Au-195m	1.4939	1.0216	0.7284	1.0259
Au-196	2.6892	2.1237	1.7504	2.1069
Au-196m	2.5288	1.8132	1.3453	2.5071
Au-198	1.5257	1.2266	0.9652	1.5765
Au-198m	4.6708	3.4031	2.3648	3.2302
Au-199	0.9190	0.6209	0.4227	0.6190
Au-200	0.5416	0.3761	0.3574	0.4408
Au-200m	7.1490	5.0015	4.0426	4.5096
Au-201	0.1348	0.0977	0.0856	0.1526
Au-202	0.3579	0.2523	0.2433	0.2981
Ba-124	1.6547	1.2449	1.1044	1.0891
Ba-126	2.2130	1.6034	1.4083	1.3104
Ba-127	0.8661	0.6730	0.6321	0.6299
Ba-128	0.8601	0.7301	0.6804	0.5946
Ba-129	0.9303	0.7471	0.6936	0.6690
Ba-129m	4.4012	3.0952	2.7710	3.2906
Ba-131	2.6182	2.0490	1.8097	1.7789
Ba-131m	1.1253	0.8553	0.6871	0.8538
Ba-133	2.9510	2.4396	2.1059	2.0472
Ba-133m	0.7615	0.6237	0.5621	0.5965
Ba-135m	0.7094	0.5861	0.5371	0.4365
Ba-137m	1.4434	0.8527	0.7463	0.8477
Ba-139	0.3748	0.2486	0.1640	0.1774
Ba-140	0.7619	0.5798	0.5220	0.7264
Ba-141	2.8486	1.9603	1.6166	1.6500
Ba-142	2.5388	1.6687	1.5099	1.4278

Nuclide	avg400	ctr400	mid400	cnr400
Be-10	0.0000	0.0000	0.0000	0.0000
Be-7	0.1627	0.1321	0.1248	0.1386
Bi-197	3.3670	2.2379	2.1902	2.7963
Bi-200	7.1902	5.2224	4.5763	5.5412
Bi-201	3.4743	2.3125	2.3827	3.0359
Bi-202	6.6554	4.4871	4.0814	5.0230
Bi-203	4.4447	2.9088	3.1349	4.0356
Bi-204	6.6482	4.4112	4.1006	5.0435
Bi-205	3.3199	2.2003	2.4017	3.1600
Bi-206	7.7471	5.2503	4.9469	6.0553
Bi-207	3.7872	2.5791	2.5363	2.8874
Bi-208	2.2158	1.5198	2.3553	1.7295
Bi-210	0.0000	0.0000	0.0000	0.0000
Bi-210m	1.5154	1.0565	0.7789	0.6233
Bi-211	0.2297	0.1794	0.1409	0.1702
Bi-212n	0.0000	0.0000	0.0000	0.0000
Bi-212	0.2180	0.1337	0.1279	0.2846
Bi-213	0.4823	0.3869	0.3332	0.4535
Bi-214	2.1175	1.2758	1.5414	1.8083
Bi-215	1.0684	0.7630	0.6305	0.6079
Bi-216	2.2990	1.7281	1.5763	1.8590
Bk-245	2.3818	1.6020	1.6915	2.3102
Bk-246	2.5823	1.6460	1.9795	2.7536
Bk-247	1.4336	1.0421	0.9163	0.9301
Bk-248m	0.4636	0.3272	0.4516	0.6300
Bk-249	0.0000	0.0000	0.0000	0.0000
Bk-250	1.5697	0.9193	1.0985	1.1854
Bk-251	1.0329	0.6825	0.9452	1.2577
Br-72	2.9823	1.8284	1.9594	2.3231
Br-73	1.5226	1.0580	0.9323	1.0020
Br-74	3.3669	2.0197	2.8236	2.3951
Br-74m	4.1917	2.4647	2.8737	3.0590
Br-75	2.0541	1.4185	1.0534	1.1228
Br-76	2.9959	1.9428	2.3768	2.7202
Br-76m	0.7470	0.5743	0.5752	1.3964
Br-77	1.3308	0.9190	0.7052	1.4694
Br-77m	0.3037	0.1988	0.1208	0.7662
Br-78	0.2249	0.1360	0.1206	0.1944
Br-80	0.1371	0.0817	0.0703	0.1282
Br-80m	0.5570	0.4425	0.3992	1.3950

Nuclide	avg400	ctr400	mid400	cnr400
Br-82m	0.1334	0.0810	0.0445	0.6707
Br-82	5.1000	3.1258	2.9789	3.4457
Br-83	0.0202	0.0153	0.0150	0.0151
Br-84m	4.7807	3.1310	3.1552	4.4596
Br-84	1.7744	1.0550	1.4252	1.4215
Br-85	0.1141	0.0671	0.0643	0.0770
C-10	1.5454	0.8970	0.7577	0.9209
C-11	0.0000	0.0000	0.0000	0.0000
C-14	0.0000	0.0000	0.0000	0.0000
Ca-41	0.0086	0.0047	0.0001	0.0887
Ca-45	0.0000	0.0000	0.0000	0.0000
Ca-47	1.2637	0.7527	0.9389	1.0249
Ca-49	1.5180	1.0100	1.8916	0.9277
Cd-101	2.9722	1.9704	2.2391	2.8831
Cd-102	2.3096	1.7855	1.7449	2.0988
Cd-103	2.3712	1.5748	2.0619	2.4860
Cd-104	1.5943	1.2875	1.2503	1.4516
Cd-105	1.6029	1.0890	1.3643	1.6938
Cd-107	0.6715	0.6179	0.6950	1.0366
Cd-109	0.6152	0.5709	0.6476	0.9655
Cd-111m	2.1676	1.4468	1.0018	0.9048
Cd-113	0.0000	0.0000	0.0000	0.0000
Cd-113m	0.0007	0.0005	0.0005	0.0006
Cd-115	0.6233	0.4821	0.4639	0.4640
Cd-115m	0.0516	0.0307	0.0322	0.0342
Cd-117	2.1127	1.3853	1.3591	1.5955
Cd-117m	2.5580	1.5589	2.0852	2.2400
Cd-118	0.0000	0.0000	0.0000	0.0000
Cd-119	2.5865	1.6678	1.8983	2.1157
Cd-119m	2.9833	1.8155	2.3127	2.5896
Ce-130	2.4367	1.7827	1.5350	1.3847
Ce-131	3.1658	2.2313	2.0531	2.5144
Ce-132	2.3140	1.7361	1.3360	1.2595
Ce-133	2.0076	1.6815	1.5417	1.4535
Ce-133m	4.4903	3.2950	3.3399	3.4904
Ce-134	0.6454	0.5897	0.6035	0.5021
Ce-135	3.3310	2.4082	2.0951	1.8826
Ce-137	0.6965	0.6301	0.6359	0.6793
Ce-137m	0.6804	0.5677	0.5412	0.4413
Ce-139	1.7847	1.3262	1.0549	1.0214

Nuclide	avg400	ctr400	mid400	cnr400
Ce-141	0.7485	0.4884	0.3458	0.3335
Ce-143	1.6548	1.2754	1.1516	0.8981
Ce-144	0.2157	0.1523	0.1240	0.1022
Ce-145	2.6978	1.9520	1.8336	1.7636
Cf-244	0.0502	0.0404	0.1095	0.1661
Cf-246	0.0347	0.0280	0.0750	0.1138
Cf-247	1.3158	0.9136	1.4072	2.0631
Cf-248	0.0420	0.0338	0.0898	0.1361
Cf-249	1.5118	1.1768	1.0622	1.6023
Cf-250	0.0479	0.0362	0.0798	0.1158
Cf-251	1.3084	0.8939	1.0091	1.4128
Cf-252	0.7793	0.5134	0.5947	0.6585
Cf-253	0.1167	0.0953	0.2610	0.3663
Cf-254	27.5154	17.9613	19.4290	20.4941
Cf-255	0.0000	0.0000	0.0000	0.0000
Cl-34	0.0000	0.0000	0.0000	0.0000
Cl-34m	1.6274	0.9900	1.4479	1.3335
Cl-36	0.0001	0.0000	0.0000	0.0007
Cl-38	1.2780	0.7752	1.3724	1.6184
Cl-39	2.2732	1.3600	1.4659	1.6584
Cl-40	3.1295	1.8940	3.0433	2.8781
Cm-238	1.0715	0.7354	0.8319	1.2575
Cm-239	2.4862	1.6864	1.5101	2.0861
Cm-240	0.0547	0.0421	0.1258	0.1950
Cm-241	2.8419	2.1097	2.4514	3.4764
Cm-242	0.0491	0.0377	0.1130	0.1751
Cm-243	1.3496	0.9378	1.0427	1.5733
Cm-244	0.0421	0.0324	0.0970	0.1504
Cm-245	1.3840	0.9586	1.1036	1.7202
Cm-246	0.0395	0.0297	0.0815	0.1242
Cm-247	1.2753	1.0093	0.7770	1.2920
Cm-248	2.1761	1.4240	1.5860	1.7086
Cm-249	0.0723	0.0453	0.0353	0.1892
Cm-250	21.7147	14.1794	15.3699	16.2266
Cm-251	0.4119	0.2973	0.3115	0.3756
Co-54m	4.5322	2.9480	3.1329	4.1845
Co-55	2.0523	1.2636	1.2907	1.5601
Co-56	3.9241	2.3166	2.9004	3.1569
Co-57	1.1406	0.6485	0.4366	1.1307
Co-58	1.6004	0.9355	0.7663	1.2740

Nuclide	avg400	ctr400	mid400	cnr400
Co-58m	0.0348	0.0192	0.0007	0.3556
Co-60	2.9249	1.6773	2.1329	2.3138
Co-60m	0.0624	0.0397	0.0214	0.4019
Co-61	1.0037	0.8150	0.7864	0.4600
Co-62	1.7415	1.0129	1.3819	1.2674
Co-62m	3.0999	1.7941	2.4219	2.4596
Cr-48	2.7607	1.9206	1.3584	1.4995
Cr-49	1.2798	0.9325	0.7023	0.6977
Cr-51	0.1705	0.1246	0.0890	0.2711
Cr-55	0.0007	0.0004	0.0006	0.0009
Cr-56	1.4866	1.2629	1.0691	1.1053
Cs-121	1.0686	0.7453	0.5962	0.6445
Cs-121m	1.9479	1.4038	1.0826	1.1590
Cs-123	1.5209	1.1293	0.9986	1.0775
Cs-124	0.6164	0.4602	0.4200	0.4898
Cs-125	1.2820	0.9975	0.9593	1.0267
Cs-126	1.0346	0.8033	0.6913	0.9715
Cs-127	2.0098	1.6283	1.3990	1.7971
Cs-128	0.7017	0.5732	0.5349	0.6421
Cs-129	1.8135	1.5350	1.3638	1.6106
Cs-130m	1.2985	1.1258	1.0573	0.9355
Cs-130	0.4174	0.3636	0.3658	0.3708
Cs-131	0.5791	0.5323	0.5280	0.5276
Cs-132	2.1599	1.4536	1.3305	1.4590
Cs-134	3.4536	2.1260	1.8810	2.1746
Cs-134m	0.4002	0.3110	0.2705	0.4227
Cs-135	0.0000	0.0000	0.0000	0.0000
Cs-135m	3.0839	1.8096	1.5224	1.8910
Cs-136	4.4457	2.7830	2.4954	2.6239
Cs-137	1.3973	1.3124	1.5148	1.1339
Cs-138m	1.2177	0.9239	0.8913	1.0446
Cs-138	3.1252	1.9897	2.4304	2.8610
Cs-139	0.3139	0.1882	0.2679	0.2806
Cs-140	2.1457	1.3226	1.7153	1.7137
Cu-57	0.1554	0.0894	0.1036	0.0979
Cu-59	0.7537	0.4901	0.4999	0.5897
Cu-60	3.1309	1.8647	2.6527	3.1558
Cu-61	0.5781	0.3759	0.3135	0.4775
Cu-62	0.0100	0.0057	0.0063	0.0168
Cu-64	0.0277	0.0154	0.0057	0.2194

Nuclide	avg400	ctr400	mid400	cnr400
Cu-66	0.1513	0.0856	0.0905	0.0884
Cu-67	0.9956	0.7003	0.4384	0.5804
Cu-69	0.9159	0.5467	0.5481	0.5952
Dy-148	2.2482	1.5060	1.4910	1.4402
Dy-149	3.5507	2.4009	2.6154	2.8115
Dy-150	1.4452	1.1789	1.0323	1.4030
Dy-151	3.3687	2.3487	2.3856	2.7566
Dy-152	2.3297	1.6421	1.3581	0.9427
Dy-153	3.8157	2.8374	2.7860	2.5852
Dy-154	0.0000	0.0000	0.0000	0.0000
Dy-155	2.7447	1.9453	1.7652	1.5442
Dy-157	2.2156	1.7405	1.5815	1.3154
Dy-159	0.8797	0.7387	0.8373	0.6632
Dy-165m	0.1802	0.1359	0.1248	0.2970
Dy-165	0.1919	0.1450	0.1392	0.1342
Dy-166	0.6974	0.5671	0.5921	0.5758
Dy-167	2.2136	1.5352	1.3130	1.1383
Dy-168	1.8492	1.3804	1.2028	1.3145
Er-154	0.9463	0.7868	0.8549	0.9254
Er-156	1.1357	0.9268	0.9811	1.2632
Er-159	2.6996	1.8124	1.8200	1.8479
Er-161	2.7720	1.8622	1.8136	1.8782
Er-163	0.7351	0.5942	0.6802	0.5508
Er-165	0.7062	0.5708	0.6533	0.5370
Er-167m	0.7641	0.5490	0.3938	0.4311
Er-169	0.0010	0.0006	0.0000	0.0102
Er-171	2.3503	1.6905	1.3829	1.1893
Er-172	2.1702	1.5945	1.4771	1.7139
Er-173	3.4032	2.2628	1.7532	1.8479
Es-249	2.2014	1.5329	1.6350	2.2443
Es-250	5.6869	3.8681	5.0512	6.6371
Es-250m	1.8582	1.1750	1.4652	1.8419
Es-251	1.2303	0.8241	1.3103	1.7556
Es-253	0.0146	0.0117	0.0293	0.0451
Es-254	0.4638	0.3625	0.9824	1.6291
Es-254m	1.2830	0.7978	0.9337	1.1634
Es-255	0.0011	0.0007	0.0008	0.0008
Es-256	0.0774	0.0654	0.1573	0.2153
Eu-142	0.3778	0.2390	0.2808	0.3230
Eu-142m	5.2258	3.2678	3.1273	3.4748

Nuclide	avg400	ctr400	mid400	cnr400
Eu-143	0.6214	0.4303	0.5394	0.5818
Eu-144	0.2985	0.2037	0.2686	0.3343
Eu-145	2.5924	1.7427	1.9171	2.0447
Eu-146	4.9256	3.1014	3.0899	3.4434
Eu-147	2.1375	1.5748	1.4635	1.3206
Eu-148	5.7550	3.9393	3.8325	4.1059
Eu-149	0.8539	0.7396	0.7705	0.7322
Eu-150	5.2047	3.9036	3.5154	3.7990
Eu-150m	0.1970	0.1585	0.1482	0.1525
Eu-152	3.0148	2.0613	1.9986	2.0587
Eu-152m	0.8057	0.5457	0.5259	0.5163
Eu-152n	1.1573	0.9230	0.7711	1.0264
Eu-154	2.5939	1.5690	1.5088	1.5693
Eu-154m	1.1826	0.9592	0.8733	1.1444
Eu-155	0.9109	0.7139	0.6048	0.6305
Eu-156	1.7484	1.0823	1.3449	1.4177
Eu-157	1.7176	1.3740	1.3087	1.4143
Eu-158	2.2740	1.4066	1.4872	1.5385
Eu-159	1.8433	1.4241	1.4465	1.2114
F-17	0.0005	0.0003	0.0003	0.0003
F-18	0.0000	0.0000	0.0000	0.0000
Fe-52	1.3878	0.8850	0.5127	0.7206
Fe-53	0.6676	0.5244	0.4087	0.6256
Fe-53m	4.4558	2.5677	2.8382	3.0804
Fe-55	0.0287	0.0157	0.0004	0.2948
Fe-59	1.5396	0.8847	1.0440	1.0609
Fe-60	0.0000	0.0000	0.0000	0.0000
Fe-61	2.1251	1.2746	1.4077	1.4179
Fe-62	1.5620	1.2576	1.2543	1.2153
Fm-251	1.2514	0.8251	1.0418	1.4614
Fm-252	0.0388	0.0321	0.0834	0.1157
Fm-253	0.9086	0.6370	1.1774	1.5591
Fm-254	0.0503	0.0396	0.0920	0.1250
Fm-255	0.3992	0.3167	0.9335	1.3162
Fm-256	20.4430	13.3366	14.3849	15.1650
Fm-257	1.3662	0.9312	1.2460	1.6209
Fr-212	2.8894	1.9319	1.9049	2.3847
Fr-219	0.0167	0.0128	0.0107	0.0127
Fr-220	0.1489	0.1118	0.1197	0.2381
Fr-221	0.2217	0.1565	0.1092	0.1189

Nuclide	avg400	ctr400	mid400	cnr400
Fr-222	1.1977	0.8239	0.7771	1.0736
Fr-223	0.7575	0.5761	0.7563	0.8591
Fr-224	1.5330	0.9838	0.9354	1.1824
Fr-227	2.4088	1.7713	1.6412	2.0413
Ga-64	2.3300	1.3769	1.8975	1.8165
Ga-65	1.2664	0.8090	0.6016	0.9629
Ga-66	1.5511	0.9248	1.4771	1.3432
Ga-67	1.3115	0.9468	0.6317	1.5572
Ga-68	0.0631	0.0358	0.0364	0.1084
Ga-70	0.0147	0.0087	0.0078	0.0107
Ga-72	3.5705	2.1211	2.5253	2.6135
Ga-73	1.7677	1.2516	0.9421	1.6437
Ga-74	3.9468	2.4709	3.2066	3.0901
Gd-142	1.4048	0.9922	0.9964	0.9769
Gd-143m	3.9457	2.6691	2.5330	2.4260
Gd-144	0.9067	0.6764	0.8052	0.6758
Gd-145m	1.5549	0.9654	0.8231	1.1464
Gd-145	2.4795	1.6249	2.4032	2.6705
Gd-146	3.2788	2.4586	2.2176	2.0365
Gd-147	4.6056	3.2370	2.8182	2.9462
Gd-148	0.0000	0.0000	0.0000	0.0000
Gd-149	2.9739	2.1898	1.9251	1.7424
Gd-150	0.0000	0.0000	0.0000	0.0000
Gd-151	0.9998	0.8204	0.8300	0.8268
Gd-152	0.0000	0.0000	0.0000	0.0000
Gd-153	1.8008	1.4774	1.4255	1.3619
Gd-159	0.3786	0.3060	0.2924	0.2847
Gd-162	1.5832	1.2775	1.0471	1.6131
Ge-66	2.0899	1.5467	1.2670	2.0975
Ge-67	1.6359	1.0198	0.7423	0.9403
Ge-68	0.0712	0.0392	0.0014	0.7243
Ge-69	1.1810	0.7046	0.7194	1.3134
Ge-71	0.0722	0.0397	0.0014	0.7347
Ge-75	0.2142	0.1430	0.0965	0.0664
Ge-77	3.5571	2.4020	1.8606	1.9680
Ge-78	1.6187	1.1033	0.7744	0.5050
H-3	0.0000	0.0000	0.0000	0.0000
Hf-167	1.5196	1.1513	1.0184	0.8367
Hf-169	2.3348	1.8666	1.8657	1.8477
Hf-170	2.7410	1.9533	1.7811	1.9948

Nuclide	avg400	ctr400	mid400	cnr400
Hf-172	1.6970	1.3127	1.3283	1.6849
Hf-173	3.1546	2.1577	1.8048	1.6115
Hf-174	0.0000	0.0000	0.0000	0.0000
Hf-175	2.2945	1.7840	1.6099	1.6387
Hf-177m	13.6332	9.7583	7.4586	7.4071
Hf-178m	10.4402	7.7981	6.3365	7.0931
Hf-179m	5.3552	3.9495	3.1986	3.8378
Hf-180m	5.1982	3.9676	3.2358	3.5423
Hf-181	2.4005	1.7896	1.5710	1.7750
Hf-182	1.5967	1.0808	0.7765	0.5820
Hf-182m	4.2195	3.0660	2.6158	2.9136
Hf-183	2.3817	1.6892	1.5067	1.6049
Hf-184	1.7917	1.2589	0.9526	1.9445
Hg-190	2.2539	1.6045	1.2526	1.7445
Hg-191m	5.1455	3.6177	3.1348	3.7150
Hg-192	2.5350	1.8934	1.5288	1.8759
Hg-193	2.7409	1.9663	1.7999	2.4077
Hg-193m	2.9511	2.1378	1.9923	2.5668
Hg-194	0.0547	0.0317	0.0155	0.4218
Hg-195	1.3890	1.0654	0.9504	1.4521
Hg-195m	1.4909	1.0863	0.8827	1.8147
Hg-197	1.1808	0.9657	0.8586	1.3016
Hg-197m	1.0521	0.7339	0.5603	1.1481
Hg-199m	1.7385	1.2639	0.9681	1.4723
Hg-203	1.4842	1.0381	0.7571	0.5777
Hg-205	0.0391	0.0286	0.0186	0.0205
Hg-206	0.6556	0.4844	0.3837	0.3352
Hg-207	4.3307	2.8292	3.1743	3.9922
Ho-150	2.2710	1.3803	1.2158	1.4090
Ho-153	2.4226	1.7236	1.5473	1.3088
Ho-153m	2.7075	1.9392	1.6777	1.7551
Ho-154m	6.5854	4.9724	4.3819	5.0492
Ho-154	3.3759	2.3976	2.2077	2.3840
Ho-155	2.0670	1.5220	1.4495	1.4040
Ho-156	4.3479	2.8372	2.7147	2.6326
Ho-157	3.1348	2.3467	2.2316	1.9690
Ho-159	3.2078	2.3133	2.1106	1.8011
Ho-160	4.4467	2.8933	2.7410	2.8260
Ho-161	1.0931	0.9065	0.9639	1.0368
Ho-162	1.0197	0.8206	0.9112	0.8090

Nuclide	avg400	ctr400	mid400	cnr400
Ho-162m	2.1753	1.5606	1.5287	1.5840
Ho-163	0.0011	0.0006	0.0000	0.0118
Ho-164	0.5489	0.4497	0.4974	0.4396
Ho-164m	0.8871	0.7168	0.7865	1.0278
Ho-166	0.2094	0.1646	0.1660	0.2151
Ho-166m	5.0515	3.3138	2.6512	3.0119
Ho-167	1.8687	1.4313	1.1584	1.2118
Ho-168	1.9887	1.2359	1.0763	1.3286
Ho-168m	0.1341	0.1041	0.1090	0.2600
Ho-170	4.4548	2.8355	2.5158	2.5643
I-118m	6.3808	3.9702	3.7673	4.0993
I-118	2.2133	1.3995	1.4069	1.5558
I-119	2.0822	1.4342	1.0851	0.9134
I-120	2.7517	1.8276	2.2217	2.3209
I-120m	5.5989	3.6215	3.7240	3.9978
I-121	1.9805	1.4929	1.1197	1.1728
I-122	0.4833	0.3549	0.3486	0.3880
I-123	1.8373	1.3302	1.0130	1.2255
I-124	1.9797	1.3414	1.3884	1.6690
I-125	1.0736	0.9877	0.9596	1.1527
I-126	1.4638	1.0741	0.9105	1.2426
I-128	0.2595	0.2118	0.1881	0.2455
I-129	0.6185	0.5692	0.5712	0.5398
I-130m	0.4106	0.3251	0.3191	0.3838
I-130	5.1639	3.3888	3.0508	3.5217
I-131	3.5546	3.2905	3.9588	3.5015
I-132	4.5984	2.7580	2.5248	2.9436
I-132m	1.1335	0.7689	0.6679	0.8895
I-133	1.6306	1.2031	1.1786	1.1842
I-134m	2.0835	1.5575	1.2766	1.0668
I-134	4.7572	2.8606	2.7151	3.1921
I-135	2.0749	1.2489	1.5323	1.7930
In-103	3.1688	2.0037	2.0031	2.2218
In-105	2.6389	1.6555	1.5745	1.6957
In-106	5.5683	3.3543	3.1612	3.5152
In-106m	2.6255	1.5609	1.8983	2.1064
In-107	2.4601	1.7253	1.7599	1.9921
In-108	7.1423	4.3468	4.2418	4.7804
In-108m	2.6576	1.6377	2.1060	2.3071
In-109	2.2873	1.6556	1.3708	1.6556

Nuclide	avg400	ctr400	mid400	cnr400
In-109m	1.4653	0.8526	0.7452	0.8675
In-110	6.5079	3.9489	3.6791	4.3367
In-110m	1.9151	1.1705	1.1661	1.3455
In-111	3.2902	2.2615	1.5916	1.6619
In-111m	1.4134	1.0681	1.0427	1.0677
In-112	0.2457	0.1969	0.2029	0.2870
In-112m	0.5351	0.4387	0.3923	0.5881
In-113m	1.1556	0.9446	0.7451	1.2522
In-114	0.0052	0.0039	0.0044	0.0057
In-114m	0.5379	0.4196	0.3503	0.4909
In-115	0.0000	0.0000	0.0000	0.0000
In-115m	0.9116	0.7313	0.6096	0.7189
In-116m	3.2533	1.9882	2.3849	2.7279
In-117	2.8343	1.9284	1.5745	1.7081
In-117m	0.6431	0.4754	0.3702	0.4065
In-118m	4.0794	2.3780	2.6158	2.6874
In-118	0.0966	0.0576	0.0715	0.0708
In-119	1.6521	0.9990	0.8410	1.1370
In-119m	0.1598	0.1142	0.1153	0.1516
In-121	1.7419	1.0102	0.9277	0.9749
In-121m	0.5123	0.4303	0.4300	0.4469
Ir-180	3.5349	2.3258	1.9151	2.1553
Ir-182	3.2740	2.1826	1.7993	2.0512
Ir-183	3.3435	2.3834	2.3419	2.9685
Ir-184	5.2461	3.5628	3.2309	3.7756
Ir-185	2.7942	2.0025	2.0007	2.9114
Ir-186	4.9620	3.4415	3.1122	3.5846
Ir-186m	2.8785	1.8741	1.8154	2.1361
Ir-187	1.8383	1.3872	1.2775	1.7138
Ir-188	3.7101	2.4826	2.9790	3.4067
Ir-189	1.1156	0.8720	0.7955	1.1676
Ir-190	5.7179	4.1696	3.5413	4.2300
Ir-190m	0.0426	0.0237	0.0021	0.4072
Ir-190n	0.9125	0.7266	0.6868	0.8810
Ir-191m	0.9868	0.7130	0.5894	1.1423
Ir-192	3.4925	2.6204	2.1564	1.9733
Ir-192m	0.0561	0.0321	0.0061	0.4631
Ir-192n	0.1246	0.0730	0.0184	0.9657
Ir-193m	0.0477	0.0280	0.0063	0.4052
Ir-194	0.3201	0.2301	0.1887	0.1771

Nuclide	avg400	ctr400	mid400	cnr400
Ir-194m	7.6631	5.5622	4.8036	5.3438
Ir-195	0.8943	0.7051	0.6081	0.9677
Ir-195m	1.9639	1.4704	1.1919	1.5722
Ir-196	0.6694	0.4796	0.3976	0.4982
Ir-196m	8.2106	6.1014	5.1599	6.8781
K-38	1.6852	1.0477	2.0834	1.9473
K-40	0.1737	0.1008	0.1367	0.2116
K-42	0.3153	0.1843	0.2506	0.4052
K-43	3.0232	2.1133	1.7186	2.2511
K-44	2.3668	1.4032	2.0212	1.9249
K-45	2.7182	1.6862	1.9579	2.3599
K-46	2.2694	1.3180	2.0725	2.1071
Kr-74	1.8630	1.3150	0.9390	1.2702
Kr-75	1.5230	0.8944	0.5902	0.8682
Kr-76	2.2625	1.6375	1.2780	2.1044
Kr-77	1.5131	0.8656	0.5058	0.6837
Kr-79	0.8344	0.5633	0.4057	1.1804
Kr-81	0.1579	0.0958	0.0508	0.8084
Kr-81m	0.9676	0.6627	0.3873	0.6209
Kr-83m	0.0645	0.0390	0.0296	0.3591
Kr-85	0.0068	0.0054	0.0053	0.0052
Kr-85m	1.2268	0.7655	0.4831	0.5689
Kr-87	1.2984	0.9419	0.9648	1.2227
Kr-88	2.1760	1.3760	1.9257	1.9146
Kr-89	2.6993	1.7203	1.9409	2.1048
La-128	4.9497	3.3555	3.1377	3.1564
La-129	1.8510	1.3759	1.1554	1.1161
La-130	3.5334	2.5055	2.3660	2.6655
La-131	2.3392	1.8297	1.5698	1.6906
La-132	3.1885	2.3441	2.5157	2.7058
La-132m	2.3965	1.6859	1.4506	1.5084
La-133	0.8130	0.6895	0.6672	0.6972
La-134	0.3540	0.2900	0.2992	0.2741
La-135	0.6691	0.6102	0.6173	0.5175
La-136	0.4642	0.4100	0.4140	0.3536
La-137	0.6169	0.5665	0.5747	0.4803
La-138	1.9039	1.2166	1.3812	1.7927
La-140	3.5632	2.3173	2.6198	3.6622
La-141	0.0291	0.0169	0.0233	0.0289
La-142	2.4674	1.4893	2.1043	1.9526

Nuclide	avg400	ctr400	mid400	cnr400
La-143	0.3464	0.2087	0.2609	0.2882
Lu-165	3.1284	2.1991	2.1588	2.3063
Lu-167	3.7457	2.5911	2.8656	3.2759
Lu-169m	0.0291	0.0160	0.0005	0.2973
Lu-169	3.3368	2.2550	2.3852	2.5807
Lu-170	3.5322	2.3152	3.0393	3.0572
Lu-171m	0.0358	0.0211	0.0050	0.3146
Lu-171	2.6891	1.8803	1.9126	2.3054
Lu-172	4.7713	3.1402	3.0978	3.4215
Lu-172m	0.0261	0.0144	0.0005	0.2673
Lu-173	2.2114	1.6898	1.7004	1.4635
Lu-174	0.9784	0.7561	0.8304	0.8510
Lu-174m	0.9861	0.7722	0.8025	1.2157
Lu-176	3.0527	2.2414	1.6347	1.6261
Lu-176m	0.2317	0.1808	0.1587	0.2899
Lu-177	0.3013	0.2111	0.1471	0.1778
Lu-177m	6.7278	4.8565	3.6966	4.0767
Lu-178	0.2943	0.2007	0.2053	0.3059
Lu-178m	6.0283	4.6083	3.5999	4.1283
Lu-179	0.1941	0.1335	0.0836	0.0742
Lu-180	3.1604	2.1317	2.0429	2.5237
Lu-181	2.2091	1.5022	1.2731	1.6667
Mg-27	1.5969	0.9213	0.8379	0.9478
Mg-28	2.6273	1.8201	1.8808	2.2387
Mn-50m	5.1726	2.9937	3.2794	3.9060
Mn-51	0.0088	0.0051	0.0053	0.0129
Mn-52	4.7544	2.7508	2.9132	3.8722
Mn-52m	1.5952	0.9299	1.2487	1.8079
Mn-53	0.0233	0.0128	0.0003	0.2401
Mn-54	1.5932	0.9271	0.7808	1.1948
Mn-56	2.3072	1.3609	1.6238	1.9312
Mn-57	0.4118	0.2477	0.2606	0.6437
Mn-58m	3.4911	2.1294	2.3079	2.7809
Mo-101	2.6201	1.6825	1.8171	2.1438
Mo-102	0.1353	0.0890	0.0573	0.0547
Mo-89	0.3347	0.1972	0.2546	0.2614
Mo-90	3.0640	1.9920	2.7448	2.3093
Mo-91m	1.4755	0.8559	1.0064	1.2352
Mo-91	0.0346	0.0237	0.0897	0.0803
Mo-93	0.2873	0.2167	1.1466	0.9531

Nuclide	avg400	ctr400	mid400	cnr400
Mo-93m	4.2422	2.5558	2.8259	3.4669
Mo-99	0.4398	0.2750	0.2391	0.2730
N-13	0.0000	0.0000	0.0000	0.0000
N-16	1.1011	0.6188	1.3569	0.7882
Na-22	1.3919	0.7999	1.0558	1.0733
Na-24	3.1070	1.9140	3.0919	2.4575
Nb-87	1.7932	1.2261	1.4366	1.3026
Nb-88m	5.6749	3.5980	3.7057	4.2941
Nb-88	6.7197	4.3230	4.8629	4.8325
Nb-89	0.5923	0.3721	0.7798	0.7365
Nb-89m	1.4550	1.1340	1.3239	1.2735
Nb-90	4.4031	2.6519	4.3831	3.8496
Nb-91	0.2812	0.1985	1.1878	1.0217
Nb-91m	0.2793	0.2044	0.9933	0.8360
Nb-92	3.4358	2.2047	3.0719	2.9873
Nb-92m	1.9250	1.1380	2.0994	1.9909
Nb-93m	0.0529	0.0396	0.2047	0.1867
Nb-94m	0.2035	0.1520	0.7800	0.6560
Nb-94	3.0956	1.7919	1.5615	1.8419
Nb-95	1.5475	0.9051	0.7454	0.9467
Nb-95m	0.6100	0.4206	0.9377	0.7569
Nb-96	4.9067	3.0870	2.8643	3.2490
Nb-97	1.5405	0.8868	0.7734	0.8930
Nb-98m	4.8652	2.8941	2.8418	3.5260
Nb-99	1.8326	1.1870	1.2578	1.3314
Nb-99m	1.0446	0.6878	0.8859	0.8448
Nd-134	2.3852	1.7421	1.4018	1.3017
Nd-135	2.8443	2.1875	1.8819	1.8983
Nd-136	1.9472	1.5569	1.4681	1.3960
Nd-137	2.6582	1.9785	1.9819	1.8455
Nd-138	0.7360	0.6615	0.6817	0.5470
Nd-139	0.8567	0.6989	0.7037	0.6708
Nd-139m	4.1383	2.7648	2.5935	2.7043
Nd-140	0.6455	0.5919	0.6260	0.5010
Nd-141	0.6725	0.6068	0.6434	0.5164
Nd-141m	1.4713	0.8772	0.7370	0.9046
Nd-144	0.0000	0.0000	0.0000	0.0000
Nd-147	1.0759	0.8797	0.8212	0.7627
Nd-149	2.1113	1.5084	1.1611	1.1062
Nd-151	2.5314	1.6510	1.4071	1.4786

Nuclide	avg400	ctr400	mid400	cnr400
Nd-152	1.0030	0.6858	0.5959	0.4758
Ne-19	0.0002	0.0001	0.0001	0.0001
Ne-24	1.6832	1.3366	1.2425	1.4249
Ni-56	4.9394	3.1075	2.4307	3.2935
Ni-57	1.7565	1.0154	1.3693	1.9879
Ni-59	0.0405	0.0222	0.0006	0.4162
Ni-63	0.0000	0.0000	0.0000	0.0000
Ni-65	0.7237	0.4335	0.5255	0.7153
Ni-66	0.0000	0.0000	0.0000	0.0000
Np-232	4.2078	2.8271	2.8502	3.7333
Np-233	1.2215	0.8758	0.9307	1.4747
Np-234	2.3982	1.5538	1.9845	3.1321
Np-235	0.1695	0.1202	0.3625	0.7002
Np-236	2.1463	1.4982	2.1602	3.3799
Np-236m	0.6503	0.4646	0.5404	0.8623
Np-237	0.6364	0.4898	0.8459	1.2953
Np-238	1.1209	0.6697	0.9260	1.1291
Np-239	1.8672	1.3014	1.3582	2.0066
Np-240	3.2445	2.1538	2.5798	3.3519
Np-240m	0.9041	0.6152	0.8120	1.0371
Np-241	0.4464	0.3097	0.3485	0.5342
Np-242	0.4001	0.2388	0.3135	0.4080
Np-242m	2.6617	1.6818	2.1008	2.8307
O-14	1.6682	1.0473	2.0213	1.5417
O-15	0.0000	0.0000	0.0000	0.0000
O-19	2.1361	1.3999	1.1586	1.3386
Os-180	1.2379	0.9727	0.9420	1.3894
Os-181	4.2181	2.8426	2.6057	2.9547
Os-182	2.5293	1.9160	1.7040	2.0286
Os-183	3.7138	2.8498	2.4473	3.1602
Os-183m	2.2631	1.4986	1.5604	1.6874
Os-185	2.2932	1.5057	1.3859	1.6186
Os-186	0.0000	0.0000	0.0000	0.0000
Os-189m	0.0400	0.0222	0.0015	0.3901
Os-190m	5.7257	4.1431	3.4675	4.3323
Os-191	1.0845	0.7854	0.6535	1.1706
Os-191m	0.1368	0.1009	0.0787	0.4538
Os-193	0.4430	0.3347	0.2813	0.4043
Os-194	0.0880	0.0650	0.0516	0.3708
Os-196	0.4943	0.3643	0.2961	0.3442

Nuclide	avg400	ctr400	mid400	cnr400
P-30	0.0012	0.0008	0.0015	0.0013
P-32	0.0000	0.0000	0.0000	0.0000
P-33	0.0000	0.0000	0.0000	0.0000
Pa-227	0.3787	0.2804	0.4121	0.6339
Pa-228	4.1940	2.8431	3.2024	4.5143
Pa-229	1.0024	0.7377	0.8389	1.3393
Pa-230	2.3301	1.5933	1.8132	2.5470
Pa-231	0.5003	0.3650	0.6735	1.2696
Pa-232	2.3353	1.5058	1.7194	2.2295
Pa-233	1.6241	1.1932	1.3078	1.7716
Pa-234	4.2626	2.7258	3.0290	4.0414
Pa-234m	0.0369	0.0228	0.0264	0.0348
Pa-235	0.0139	0.0076	0.0003	0.1407
Pa-236	1.7234	1.0590	1.3899	1.8593
Pa-237	1.3376	0.8625	0.7971	0.9724
Pb-194	3.4524	2.4854	2.2694	2.8240
Pb-195m	5.1680	3.7794	3.1555	4.8101
Pb-196	3.0160	2.2983	1.9355	2.1623
Pb-197	3.5307	2.5239	2.4453	3.1755
Pb-197m	4.3848	3.2415	2.6768	3.8915
Pb-198	2.8497	2.1493	1.7327	2.0961
Pb-199	2.8637	2.0905	1.9612	2.5367
Pb-200	2.2010	1.6390	1.3220	1.7672
Pb-201	3.1862	2.3837	2.0250	2.3091
Pb-201m	1.2242	0.8009	0.7053	0.8816
Pb-202	0.0485	0.0277	0.0060	0.4015
Pb-202m	4.7912	3.2111	2.8075	3.7110
Pb-203	2.4825	1.8568	1.4809	1.5434
Pb-204m	4.5443	2.9360	2.5332	3.1556
Pb-205	0.0491	0.0280	0.0061	0.4064
Pb-209	0.0000	0.0000	0.0000	0.0000
Pb-210	0.1149	0.0782	0.0941	0.4726
Pb-211	0.1795	0.1276	0.1046	0.1529
Pb-212	1.2322	0.8885	0.6590	0.6681
Pb-214	1.3970	1.0524	0.8282	0.9737
Pd-100	2.0192	1.7443	1.8143	1.7594
Pd-101	1.4570	1.1600	1.3066	1.5653
Pd-103	0.3437	0.3298	0.4593	0.6258
Pd-107	0.0000	0.0000	0.0000	0.0000
Pd-109m	0.8916	0.6475	0.4592	0.5406

Nuclide	avg400	ctr400	mid400	cnr400
Pd-109	0.2416	0.2192	0.2389	0.3570
Pd-111	0.1082	0.0735	0.0723	0.0836
Pd-112	0.1262	0.1088	0.3267	0.3366
Pd-114	0.1729	0.1120	0.0723	0.0665
Pd-96	2.8704	1.8148	1.6850	1.9591
Pd-97	3.1687	2.0863	2.2245	2.3773
Pd-98	2.0255	1.4335	1.3236	1.6857
Pd-99	2.2753	1.4506	1.3460	1.5361
Pm-136	4.7055	3.1837	2.6793	3.2854
Pm-137m	4.5565	3.2673	2.7518	2.7750
Pm-139	0.8015	0.6284	0.6027	0.7120
Pm-140m	5.0656	3.3379	3.0335	3.6930
Pm-140	0.3213	0.2211	0.2253	0.2350
Pm-141	0.6027	0.4651	0.5230	0.4844
Pm-142	0.2302	0.1858	0.2110	0.2120
Pm-143	1.2511	0.9454	0.9298	0.8697
Pm-144	4.4481	2.9872	2.7668	2.9309
Pm-145	0.6764	0.6148	0.6546	0.5329
Pm-146	2.3657	1.7534	1.6008	1.8217
Pm-147	0.0001	0.0000	0.0000	0.0000
Pm-148	0.9344	0.5915	0.6507	0.8107
Pm-148m	5.1272	3.3665	3.0508	3.3154
Pm-149	0.0589	0.0409	0.0308	0.0249
Pm-150	2.7784	1.8423	1.8226	2.0033
Pm-151	1.7032	1.2443	1.0019	1.0132
Pm-152m	4.1883	2.7048	2.3499	2.3036
Pm-152	0.6947	0.4338	0.4074	0.4192
Pm-153	0.7846	0.5668	0.4614	0.4628
Pm-154	2.4643	1.5702	2.0186	2.0800
Pm-154m	3.9900	2.6823	2.6442	3.0373
Po-203	3.7652	2.5231	2.3885	2.9373
Po-204	4.6723	3.3206	2.8932	3.8753
Po-205	3.6977	2.4459	2.3102	2.8545
Po-206	4.0762	2.9213	2.6308	3.4356
Po-207	3.3509	2.2522	2.0674	2.4873
Po-208	0.0001	0.0001	0.0001	0.0001
Po-209	0.0267	0.0180	0.0138	0.0344
Po-210	0.0000	0.0000	0.0000	0.0000
Po-211	0.0177	0.0112	0.0105	0.0112
Po-212m	0.0740	0.0490	0.0710	0.0468

Nuclide	avg400	ctr400	mid400	cnr400
Po-212	0.0000	0.0000	0.0000	0.0000
Po-213	0.0001	0.0000	0.0000	0.0000
Po-214	0.0002	0.0001	0.0001	0.0001
Po-215	0.0006	0.0005	0.0004	0.0006
Po-216	0.0000	0.0000	0.0000	0.0000
Po-218	0.0000	0.0000	0.0000	0.0000
Pr-134	6.3284	4.3520	3.7795	4.4767
Pr-134m	3.0022	2.1681	2.2051	2.8887
Pr-135	1.8354	1.4337	1.3149	1.1190
Pr-136	3.2736	2.3325	2.4976	2.4984
Pr-137	0.6681	0.5672	0.5871	0.5160
Pr-138	0.2318	0.1906	0.1969	0.1774
Pr-138m	5.3062	3.4816	3.1590	3.1025
Pr-139	0.6244	0.5662	0.5942	0.4859
Pr-140	0.3330	0.3024	0.3171	0.2606
Pr-142	0.0655	0.0383	0.0527	0.0906
Pr-142m	0.0018	0.0010	0.0000	0.0189
Pr-143	0.0000	0.0000	0.0000	0.0000
Pr-144	0.0373	0.0221	0.0285	0.0314
Pr-144m	0.2635	0.2380	0.2477	0.2714
Pr-145	0.0442	0.0289	0.0277	0.0272
Pr-146	1.7301	1.1889	1.2695	1.6178
Pr-147	2.1673	1.6842	1.6412	1.4222
Pr-148	2.0943	1.3841	1.3256	1.2365
Pr-148m	3.1127	2.2094	1.8331	1.8559
Pt-184	4.9167	3.6445	3.0454	3.9078
Pt-186	2.7812	1.9303	1.6920	2.0602
Pt-187	3.0940	2.2847	1.9764	2.4455
Pt-188	1.9545	1.5077	1.2461	1.6972
Pt-189	2.8062	2.0853	1.8541	2.3482
Pt-190	0.0000	0.0000	0.0000	0.0000
Pt-191	2.4250	1.9088	1.7117	2.1442
Pt-193	0.0488	0.0276	0.0046	0.4240
Pt-193m	0.2209	0.1682	0.1349	0.5780
Pt-195m	1.2222	0.9560	0.8168	1.7231
Pt-197	0.3415	0.2707	0.2165	0.4836
Pt-197m	0.8533	0.6670	0.5645	1.1913
Pt-199	0.7243	0.5321	0.4614	0.5092
Pt-200	0.7006	0.5383	0.4449	0.7227
Pt-202	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Pu-232	0.8890	0.6283	0.6823	1.0899
Pu-234	0.9826	0.6949	0.7869	1.2667
Pu-235	1.2735	0.9021	1.0834	1.7263
Pu-236	0.0558	0.0407	0.1324	0.2173
Pu-237	0.8069	0.5766	0.7841	1.2699
Pu-238	0.0513	0.0374	0.1219	0.2008
Pu-239	0.0248	0.0176	0.0513	0.1124
Pu-240	0.0484	0.0352	0.1148	0.1888
Pu-241	0.0000	0.0000	0.0000	0.0000
Pu-242	0.0415	0.0302	0.0985	0.1620
Pu-243	0.3787	0.3088	0.3564	0.3957
Pu-244	0.0664	0.0459	0.1041	0.1581
Pu-245	1.5162	1.0512	0.9680	1.1471
Pu-246	1.5503	1.1101	1.1943	1.4730
Ra-219	0.9802	0.7435	0.6213	0.6027
Ra-220	0.0159	0.0129	0.0118	0.0143
Ra-221	0.4492	0.3076	0.3195	0.6192
Ra-222	0.0448	0.0339	0.0270	0.0241
Ra-223	1.3047	0.9714	0.8350	1.1132
Ra-224	0.0737	0.0487	0.0336	0.0278
Ra-225	0.3143	0.2758	0.3985	0.4287
Ra-226	1.3890	1.3188	1.4798	1.2203
Ra-227	1.0181	0.7534	0.9362	1.4529
Ra-228	1.3079	1.2193	1.6441	1.2110
Ra-230	0.6400	0.4844	0.4779	0.6276
Rb-77	1.9762	1.3851	1.2371	1.2495
Rb-78m	3.9362	2.6227	2.8520	3.4182
Rb-78	3.0022	2.0418	2.7627	2.5386
Rb-79	2.2448	1.4572	1.1296	1.6560
Rb-80	0.4475	0.2672	0.2404	0.2778
Rb-81	0.8098	0.6030	0.5454	1.1806
Rb-81m	0.2528	0.1729	0.2684	0.7065
Rb-82	0.2609	0.1532	0.1312	0.1994
Rb-82m	5.2826	3.2277	3.0858	4.1146
Rb-83	1.6070	1.1955	1.1631	1.9003
Rb-84	1.2459	0.7244	0.6632	1.2488
Rb-84m	2.0620	1.4350	1.0890	1.1723
Rb-86m	1.5268	1.0888	1.0473	1.0740
Rb-86	0.1350	0.0765	0.0842	0.0818
Rb-87	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Rb-88	0.6729	0.4011	0.6093	0.7208
Rb-89	2.6313	1.5351	1.9842	1.8334
Rb-90	1.4361	0.8342	1.4249	0.9979
Rb-90m	3.3069	1.9726	2.5381	2.4584
Re-178	2.9950	2.0329	2.0059	2.1926
Re-179	3.8498	2.8414	2.6047	3.1760
Re-180	3.0700	2.0273	1.8950	2.3681
Re-181	3.5303	2.6265	2.3331	2.9133
Re-182	6.7554	4.6842	4.1606	4.5276
Re-182m	3.3651	2.3598	2.4301	2.5975
Re-183	2.0371	1.5356	1.3907	1.8669
Re-184	2.7304	1.8130	1.6489	2.0050
Re-184m	2.1846	1.5591	1.3185	1.8456
Re-186	0.2287	0.1552	0.1243	0.1702
Re-186m	0.3639	0.2697	0.2239	1.1859
Re-187	0.0000	0.0000	0.0000	0.0000
Re-188	0.3424	0.2217	0.1630	0.2209
Re-188m	1.1347	0.8805	0.7992	1.3420
Re-189	0.3877	0.2703	0.1884	0.2454
Re-190	4.3920	3.0522	2.4425	2.9710
Re-190m	3.4600	2.4743	2.0707	2.5993
Rh-100m	0.6511	0.5928	0.7514	0.9201
Rh-100	4.1088	2.7934	3.6543	3.9274
Rh-101	2.2425	1.5535	1.4151	1.4486
Rh-101m	1.6678	1.2835	1.3719	1.2584
Rh-102	1.1732	0.9316	1.0957	1.2312
Rh-102m	5.2150	3.5184	3.5935	4.0932
Rh-103m	0.0398	0.0370	0.0494	0.0950
Rh-104	0.0344	0.0247	0.0254	0.0262
Rh-104m	0.8464	0.7233	0.8992	0.8302
Rh-105	0.3750	0.2812	0.2193	0.1680
Rh-106	0.5330	0.3796	0.3715	0.3771
Rh-106m	5.8466	3.8939	3.7750	4.4397
Rh-107	1.4845	1.0880	0.8304	0.7251
Rh-108	0.9999	0.7549	0.6528	0.8645
Rh-109	1.5529	1.1480	0.8813	0.8526
Rh-94	3.7201	2.2394	2.6096	3.2271
Rh-95	2.5011	1.4923	1.8020	1.9850
Rh-95m	1.5333	1.1018	1.1769	1.1331
Rh-96	5.9934	3.5357	3.4922	4.1491

Nuclide	avg400	ctr400	mid400	cnr400
Rh-96m	1.4231	0.8927	1.0611	1.2934
Rh-97	2.0629	1.5207	1.5241	2.0503
Rh-97m	3.1315	2.1025	2.6722	2.8867
Rh-98	1.7751	1.0384	1.0458	1.2011
Rh-99	2.4050	1.8896	2.1353	2.3362
Rh-99m	2.0043	1.4949	1.6135	1.7397
Rn-207	3.0020	2.1489	1.8561	2.3272
Rn-209	3.3542	2.4191	2.1946	2.9230
Rn-210	0.2246	0.1606	0.1463	0.1896
Rn-211	4.2569	2.7650	2.6764	3.4046
Rn-212	0.0008	0.0004	0.0004	0.0005
Rn-215	0.0000	0.0000	0.0000	0.0000
Rn-216	0.0000	0.0000	0.0000	0.0000
Rn-217	0.0000	0.0000	0.0000	0.0000
Rn-218	0.0019	0.0012	0.0011	0.0012
Rn-219	0.3099	0.2252	0.1664	0.1924
Rn-220	1.3135	1.1907	1.4203	1.1726
Rn-222	0.0012	0.0010	0.0010	0.0009
Rn-223	1.3033	0.8894	0.9237	1.4639
Ru-103	1.5462	1.2391	1.2243	1.2157
Ru-105	2.0609	1.3625	1.1732	1.3452
Ru-106	0.0000	0.0000	0.0000	0.0000
Ru-107	0.8346	0.5588	0.4862	0.5643
Ru-108	0.5726	0.3768	0.2612	0.3081
Ru-92	5.7485	3.8698	4.1732	3.8226
Ru-94	1.8979	1.4338	1.7350	2.0251
Ru-95	2.7229	1.8749	2.2079	2.2586
Ru-97	1.7502	1.2718	1.4468	1.3372
S-35	0.0000	0.0000	0.0000	0.0000
S-37	1.4145	0.9587	1.7574	0.8315
S-38	1.4841	0.9062	1.7746	2.0947
Sb-111	2.2501	1.5418	1.2702	1.4726
Sb-113	1.8857	1.5013	1.4542	1.5426
Sb-114	2.4017	1.4503	1.7703	1.9968
Sb-115	1.9291	1.5941	1.5734	1.7222
Sb-116	2.1521	1.3336	1.7026	1.8521
Sb-116m	5.9931	3.9811	3.9125	4.7066
Sb-117	1.7599	1.2501	0.9156	1.2631
Sb-118	0.1909	0.1561	0.1565	0.2193
Sb-118m	5.7953	3.8021	3.7016	3.6348

Nuclide	avg400	ctr400	mid400	cnr400
Sb-119	0.5840	0.5369	0.5104	0.8396
Sb-120	0.3163	0.2814	0.2681	0.4058
Sb-120m	5.9178	3.9683	3.5978	3.8521
Sb-122m	1.3476	1.1597	1.1318	1.0375
Sb-122	1.1916	0.8250	0.7858	0.8154
Sb-124	3.0258	1.8403	2.0940	2.6517
Sb-124m	1.1673	0.7830	0.7299	0.8208
Sb-124n	0.0064	0.0035	0.0001	0.0659
Sb-125	1.7232	1.3094	1.1517	1.4300
Sb-126	6.6663	4.1943	3.5427	4.4866
Sb-126m	4.0076	2.6200	2.1827	2.9497
Sb-127	1.8870	1.2658	1.0909	1.2524
Sb-128	7.3020	4.5895	3.9569	4.3674
Sb-128m	4.6876	2.9665	2.4307	2.6185
Sb-129	2.6037	1.5878	1.5740	1.8658
Sb-130m	5.3689	3.2306	2.8212	3.3141
Sb-130	7.6291	4.8824	4.1242	4.7387
Sb-131	3.2505	1.9277	2.1072	2.3291
Sb-133	3.4345	2.0610	2.5384	2.7581
Sc-42m	4.6715	3.0589	3.4531	4.7091
Sc-43	0.3472	0.2733	0.2069	0.3190
Sc-44	1.4955	0.8523	1.0157	0.9968
Sc-44m	1.4752	0.9819	0.6872	0.4621
Sc-46	3.1107	1.7802	1.8253	1.9026
Sc-47	0.9519	0.5883	0.3455	0.4119
Sc-48	4.7792	2.7268	3.0365	3.1505
Sc-49	0.0010	0.0006	0.0010	0.0015
Sc-50	4.6829	2.9708	3.4884	4.3951
Se-70	1.5992	1.1821	0.9647	2.3133
Se-71	1.4671	0.8656	0.7329	0.8634
Se-72	0.6645	0.5187	0.5211	1.4537
Se-73	2.3487	1.8530	1.5354	1.9722
Se-73m	0.2492	0.1765	0.1353	0.3386
Se-75	2.6159	1.6788	1.0706	1.8501
Se-77m	0.7978	0.4957	0.2809	0.6955
Se-79m	0.2322	0.1573	0.0882	0.7572
Se-79	0.0000	0.0000	0.0000	0.0000
Se-81	0.0303	0.0205	0.0159	0.0133
Se-81m	0.2817	0.1867	0.1032	0.7951
Se-83m	1.5943	0.9762	1.0692	1.1838

Nuclide	avg400	ctr400	mid400	cnr400
Se-83	5.2193	3.5170	3.4751	3.8836
Se-84	1.5811	1.2739	0.9932	1.6495
Si-31	0.0010	0.0006	0.0007	0.0007
Si-32	0.0000	0.0000	0.0000	0.0000
Sm-139	2.4487	1.7095	1.4972	1.3519
Sm-140	1.4363	1.0844	1.0632	0.9770
Sm-141	2.1939	1.6703	1.6201	2.1289
Sm-141m	4.2563	2.9599	2.6868	3.0152
Sm-142	0.6338	0.5729	0.6224	0.4928
Sm-143	0.4353	0.3742	0.4096	0.3384
Sm-143m	1.4629	0.8749	0.7391	0.8999
Sm-145	1.3299	1.1960	1.2939	0.9879
Sm-146	0.0000	0.0000	0.0000	0.0000
Sm-147	0.0000	0.0000	0.0000	0.0000
Sm-148	0.0000	0.0000	0.0000	0.0000
Sm-151	0.0003	0.0002	0.0002	0.0019
Sm-153	1.0360	0.8362	0.7888	0.7605
Sm-155	1.2694	0.9099	0.6672	0.8765
Sm-156	1.0847	0.8051	0.5958	0.6747
Sm-157	1.8742	1.3504	1.0058	1.0494
Sn-106	3.3768	2.4188	2.0706	2.5172
Sn-108	3.2902	2.4341	1.9103	2.5921
Sn-109	3.1803	2.0880	2.4806	2.9814
Sn-110	2.0129	1.4990	1.1909	1.1674
Sn-111	0.5434	0.4326	0.4742	0.6702
Sn-113	0.4910	0.4447	0.4360	0.6601
Sn-113m	0.3382	0.3105	0.2927	0.4686
Sn-117m	1.6802	1.1704	0.8316	1.1460
Sn-119m	0.3740	0.3427	0.3262	0.5829
Sn-121	0.0000	0.0000	0.0000	0.0000
Sn-121m	0.1259	0.1147	0.1093	0.1759
Sn-123	0.0099	0.0056	0.0062	0.0060
Sn-123m	1.2696	0.8100	0.5008	0.6071
Sn-125m	1.5267	1.1598	0.9084	0.8699
Sn-125	0.5205	0.3104	0.3350	0.3550
Sn-126	0.9490	0.7915	0.6841	0.7741
Sn-127m	1.5494	1.2282	1.2314	1.3102
Sn-127	3.2387	2.0311	2.1067	2.2241
Sn-128	3.1121	2.5522	2.3897	2.6748
Sn-129	2.0018	1.1709	1.1146	1.2841

Nuclide	avg400	ctr400	mid400	cnr400
Sn-130	3.5882	2.5206	1.9631	2.1338
Sn-130m	2.2317	1.4764	1.3779	1.5647
Sr-79	1.2993	0.9517	0.8421	1.0986
Sr-80	1.2391	0.8301	0.8503	1.4315
Sr-81	2.0439	1.3368	1.0181	1.2940
Sr-82	0.2116	0.1340	0.2746	0.8429
Sr-83	1.4795	0.9665	1.0628	2.0668
Sr-85	1.7099	1.3180	1.4523	2.0039
Sr-85m	1.5261	0.9974	0.6478	0.6110
Sr-87m	1.3038	1.0350	0.8642	1.4310
Sr-89	0.0002	0.0001	0.0001	0.0001
Sr-90	0.0000	0.0000	0.0000	0.0000
Sr-91	1.2904	0.7446	0.7067	0.7706
Sr-92	1.5850	0.9316	1.1917	1.5488
Sr-93	4.1155	2.5488	2.7036	2.9877
Sr-94	1.6460	0.9556	1.2579	1.7740
Ta-170	1.4315	0.9886	0.8607	1.1065
Ta-172	3.4715	2.3347	2.2357	2.5478
Ta-173	2.2825	1.6576	1.6334	1.8887
Ta-174	2.4847	1.7727	1.6189	1.8222
Ta-175	3.5468	2.4999	2.5052	2.7439
Ta-176	3.7118	2.4519	2.9408	3.4516
Ta-177	0.9866	0.7647	0.7813	0.8060
Ta-178	1.0328	0.8016	0.8343	0.9081
Ta-178m	7.1146	5.4637	4.4540	4.9563
Ta-179	0.4458	0.3500	0.3640	0.5035
Ta-180	0.8232	0.6486	0.6681	0.7231
Ta-182	3.0288	2.0196	2.0045	2.0931
Ta-182m	2.6400	1.8511	1.4456	2.0677
Ta-183	2.6887	1.9485	1.5861	2.0395
Ta-184	5.4580	3.8001	3.0522	3.8910
Ta-185	1.3995	0.9936	0.7636	1.1327
Ta-186	4.9853	3.3903	2.6709	2.9524
Tb-146	3.5414	2.1687	2.7597	3.7759
Tb-147m	2.1164	1.3720	1.8372	2.1693
Tb-147	3.6015	2.2800	2.4335	2.3981
Tb-148m	6.9778	4.5646	3.9770	5.0182
Tb-148	3.0600	1.9614	2.1179	2.2812
Tb-149m	2.8815	1.8481	1.6825	1.8561
Tb-149	3.3460	2.3269	2.2286	2.4468

Nuclide	avg400	ctr400	mid400	cnr400
Tb-150m	6.9704	4.7500	4.2815	4.7580
Tb-150	3.4889	2.2752	2.6802	2.6846
Tb-151	4.3086	3.1365	2.7974	2.8117
Tb-151m	0.5026	0.3818	0.3727	0.7916
Tb-152m	3.8020	2.8246	2.4893	2.3898
Tb-152	3.0574	2.1936	2.2354	2.2402
Tb-153	2.3111	1.7561	1.5868	1.4836
Tb-154	3.4293	2.2770	2.9159	2.7271
Tb-155	2.2356	1.7516	1.5960	1.5081
Tb-156	5.0253	3.5782	3.5709	3.6287
Tb-156m	0.6806	0.5372	0.6424	0.3385
Tb-156n	0.0850	0.0655	0.0589	0.2369
Tb-157	0.1093	0.0891	0.0906	0.2350
Tb-158	2.3738	1.6393	1.6150	1.5970
Tb-160	2.4894	1.5965	1.4912	1.5024
Tb-161	0.6853	0.5727	0.5914	0.7131
Tb-162	3.4142	2.1672	1.6944	1.6376
Tb-163	2.9681	2.2779	1.9196	2.3042
Tb-164	5.5144	3.5125	3.2426	3.5903
Tb-165	1.2403	0.7783	0.9043	1.1422
Tc-101	1.5924	1.1574	0.9024	0.6856
Tc-102m	4.0468	2.7132	3.0885	3.4841
Tc-102	0.1837	0.1341	0.1329	0.1465
Tc-104	3.8158	2.6296	2.7841	3.1833
Tc-105	2.5598	1.7341	1.5568	1.6732
Tc-91	1.5071	0.9261	1.4038	1.4885
Tc-91m	1.0422	0.7910	0.8540	0.8772
Tc-92	5.9242	3.7549	3.7134	4.5938
Tc-93	1.8672	1.1469	2.1395	2.5240
Tc-93m	1.5012	1.1241	1.4146	1.6040
Tc-94	5.1999	3.0982	3.4268	3.8125
Tc-94m	1.9506	1.1596	1.4201	1.5248
Tc-95	1.8698	1.1637	1.7583	1.8432
Tc-95m	2.3345	1.5758	1.9763	1.9386
Tc-96	5.0365	3.0247	3.3657	3.7807
Tc-96m	0.2329	0.1829	0.4542	0.4653
Tc-97	0.2930	0.2391	0.9495	0.8504
Tc-97m	0.2347	0.2036	0.5875	0.5869
Tc-98	3.1170	1.8055	1.5352	1.8425
Tc-99	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Tc-99m	1.0913	0.6375	0.4328	0.4467
Te-113	1.7473	1.0578	1.2771	1.4111
Te-114	2.7057	1.9426	1.9910	2.4646
Te-115	2.5804	1.6023	1.6959	1.9716
Te-115m	3.0256	1.8697	2.1430	2.5683
Te-116	1.3826	1.1628	1.0233	1.3735
Te-117	2.2330	1.4357	1.5578	1.8942
Te-118	0.5009	0.4608	0.4394	0.6107
Te-119	2.0849	1.3752	1.2776	1.5945
Te-119m	3.5398	2.2916	2.1502	2.2994
Te-121	2.0651	1.5687	1.4971	1.6972
Te-121m	1.5782	1.1712	0.8259	0.8856
Te-123	0.0064	0.0038	0.0008	0.0581
Te-123m	1.5258	1.0474	0.7367	0.9271
Te-125m	0.8960	0.8226	0.7980	0.9775
Te-127	0.0199	0.0159	0.0126	0.0187
Te-127m	0.2783	0.2539	0.2443	0.3318
Te-129	0.3061	0.2524	0.2309	0.3318
Te-129m	0.2668	0.2226	0.2097	0.2764
Te-131	1.7238	1.1400	0.8833	1.0056
Te-131m	3.2708	2.0857	1.8398	2.0932
Te-132	2.0795	1.5412	1.1907	1.0237
Te-133	2.6333	1.8124	1.7035	1.8474
Te-133m	3.8587	2.4379	2.2998	2.6006
Te-134	3.2316	2.2907	1.8293	1.9296
Th-223	1.0067	0.7383	0.7647	1.1920
Th-224	0.1829	0.1254	0.1042	0.1414
Th-226	0.1069	0.0718	0.1091	0.1822
Th-227	1.1260	0.7904	0.9912	1.4440
Th-228	0.0628	0.0441	0.1087	0.1938
Th-229	1.3438	0.9813	1.2682	2.2038
Th-230	1.4555	1.4194	1.4940	1.6153
Th-231	0.5551	0.4217	0.8758	1.5513
Th-232	4.5354	4.3218	4.6668	3.6693
Th-233	0.2367	0.1735	0.2106	0.4046
Th-234	0.1767	0.1344	0.1896	0.2704
Th-235	0.1575	0.1074	0.0932	0.1266
Th-236	0.2196	0.1509	0.1631	0.2495
Ti-44	2.1816	1.8498	1.6813	0.9998
Ti-45	0.0071	0.0041	0.0033	0.0241

Nuclide	avg400	ctr400	mid400	cnr400
Ti-51	1.5455	1.1427	0.9032	0.7302
Ti-52	1.1281	0.6330	0.6224	0.6475
Tl-190	2.1967	1.6556	1.4154	2.0026
Tl-190m	5.7799	3.9665	3.4059	4.3022
Tl-194	2.2533	1.7155	1.4796	1.9910
Tl-194m	7.3031	5.0257	4.2713	5.5776
Tl-195	2.8532	1.9889	2.0509	2.7354
Tl-196	3.8382	2.7643	2.8360	3.7596
Tl-197	2.0863	1.5803	1.4161	1.7930
Tl-198	4.1604	2.9694	3.0762	4.0450
Tl-198m	4.6353	3.3121	2.7943	3.6956
Tl-199	1.9597	1.5218	1.2815	1.5602
Tl-200	3.6853	2.6770	2.4326	3.0632
Tl-201	1.3485	1.0720	0.9284	1.2988
Tl-202	2.3921	1.9478	1.6989	2.2695
Tl-204	0.0205	0.0167	0.0150	0.0222
Tl-206m	7.6722	5.2054	4.2670	4.5844
Tl-206	0.0011	0.0009	0.0008	0.0010
Tl-207	0.0043	0.0025	0.0023	0.0025
Tl-208	3.7484	2.4969	3.2719	2.3734
Tl-209	4.5228	3.0716	3.0954	4.4652
Tl-210	4.9262	3.1218	3.1439	3.5119
Tm-161	4.2746	3.0861	3.3339	3.3567
Tm-162	2.6581	1.7492	2.0686	2.1826
Tm-163	3.8774	2.7276	2.9014	2.9336
Tm-164	0.9865	0.7058	0.8142	0.8279
Tm-165	3.0459	2.2091	2.0584	1.8159
Tm-166	3.9140	2.5835	2.9375	3.1443
Tm-167	1.5715	1.1871	1.1183	1.0808
Tm-168	4.3101	2.9518	2.5297	2.8172
Tm-170	0.0675	0.0535	0.0502	0.0748
Tm-171	0.0110	0.0087	0.0094	0.0096
Tm-172	0.7859	0.5043	0.5770	0.8302
Tm-173	1.5716	1.2632	0.9926	1.6443
Tm-174	6.1131	4.1832	3.3814	3.6671
Tm-175	2.7032	1.9042	1.8394	1.9862
Tm-176	4.1971	2.8394	2.7233	2.9166
U-227	1.1555	0.8071	0.8169	1.1218
U-228	0.0868	0.0616	0.1394	0.2135
U-230	0.0667	0.0469	0.1491	0.2370

Nuclide	avg400	ctr400	mid400	cnr400
U-231	1.4864	1.0952	1.6444	2.8055
U-232	0.0557	0.0385	0.1369	0.2257
U-233	0.0291	0.0201	0.0638	0.1173
U-234	1.4086	1.4394	1.6277	1.5981
U-235	3.1028	3.0068	3.1458	4.0658
U-235m	0.0000	0.0000	0.0000	0.0000
U-236	0.0447	0.0308	0.1118	0.1872
U-237	1.7662	1.2895	1.5058	2.0507
U-238	1.2153	1.2079	1.3765	0.9694
U-239	0.6983	0.5832	0.6400	0.5225
U-240	0.1898	0.1383	0.3345	0.5768
U-242	0.2789	0.2114	0.2170	0.1774
V-47	0.0111	0.0067	0.0087	0.0161
V-48	3.2289	1.8439	2.1340	2.3458
V-49	0.0158	0.0087	0.0002	0.1626
V-50	1.7204	1.0024	1.2837	2.2498
V-52	1.6033	0.9290	1.2590	1.8160
V-53	1.6375	0.9299	0.9766	0.9584
W-177	4.4023	3.1353	2.7805	3.3511
W-178	0.2822	0.2190	0.2142	0.4587
W-179	0.9979	0.8053	0.8145	1.1064
W-179m	0.7397	0.5722	0.5367	0.6438
W-181	0.6950	0.5515	0.5676	0.6710
W-185m	0.3611	0.2486	0.1756	0.9575
W-185	0.0007	0.0005	0.0004	0.0005
W-187	1.5616	1.0947	0.9910	1.0535
W-188	0.0133	0.0095	0.0072	0.0073
W-190	1.9046	1.3996	1.2106	1.4122
Xe-120	2.2528	1.7819	1.5912	1.7921
Xe-121	2.0318	1.4308	1.4840	1.4462
Xe-122	0.8181	0.7112	0.6563	0.7321
Xe-123	1.8583	1.3197	1.1266	1.2468
Xe-125	2.2230	1.6996	1.3486	1.3400
Xe-127	2.2722	1.7432	1.2874	1.4224
Xe-127m	1.6608	1.1160	0.7961	0.8107
Xe-129m	1.1174	1.0138	0.9927	0.9781
Xe-131m	0.4607	0.4147	0.4033	0.4272
Xe-133	0.8707	0.7680	0.7073	0.5479
Xe-133m	0.5971	0.5078	0.4643	0.4568
Xe-135	1.6137	1.0424	0.6900	0.4328

Nuclide	avg400	ctr400	mid400	cnr400
Xe-135m	1.3517	1.0540	1.0369	1.0243
Xe-137	0.5448	0.4297	0.3971	0.4969
Xe-138	2.0298	1.3574	1.5185	1.8420
Y-81	1.4099	0.9680	0.9911	1.2464
Y-83	1.0396	0.7214	1.0531	1.2866
Y-83m	1.3935	0.9765	0.9517	0.9617
Y-84m	5.1531	3.0122	3.0125	3.4392
Y-85	1.1900	0.9124	1.0581	1.1571
Y-85m	1.2643	0.7973	1.0756	1.2496
Y-86	5.1676	3.1324	3.8098	4.4149
Y-86m	1.3561	0.9415	0.5962	0.5691
Y-87	1.6409	1.2960	1.7079	2.1041
Y-87m	1.2541	0.9891	0.9022	1.3323
Y-88	3.4625	2.0574	3.2701	4.2563
Y-89m	1.5913	0.9135	0.8563	0.9400
Y-90	0.0000	0.0000	0.0001	0.0001
Y-90m	2.7622	2.1009	1.7199	1.8117
Y-91	0.0037	0.0021	0.0027	0.0026
Y-91m	1.4869	1.0615	1.0559	1.0748
Y-92	0.4221	0.2575	0.2649	0.3073
Y-93	0.2168	0.1368	0.1326	0.1233
Y-94	1.2492	0.7379	0.7539	0.8180
Y-95	0.9744	0.5915	0.9001	0.8470
Yb-162	2.1081	1.4580	1.2868	1.3245
Yb-163	1.5956	1.1106	1.1868	1.3653
Yb-164	0.8058	0.6296	0.7111	0.6093
Yb-165	2.1274	1.6383	1.6983	1.8633
Yb-166	1.5255	1.2056	1.3297	1.1177
Yb-167	3.3498	2.4296	2.2818	2.5091
Yb-169	3.9160	2.9337	2.7978	2.4698
Yb-175	0.2161	0.1624	0.1287	0.1674
Yb-177	0.6784	0.4277	0.3731	0.3743
Yb-178	0.1662	0.1313	0.1024	0.1553
Yb-179	2.8589	1.9171	1.7162	1.9122
Zn-60	1.6773	1.0872	0.9430	0.9392
Zn-61	0.7272	0.4912	0.6042	0.7065
Zn-62	1.2939	0.9474	0.8800	1.3981
Zn-63	0.2706	0.1565	0.1509	0.2084
Zn-65	0.8239	0.4670	0.5007	1.0354
Zn-69	0.0000	0.0000	0.0000	0.0000

Nuclide	avg400	ctr400	mid400	cnr400
Zn-69m	1.4728	1.1899	1.0097	1.4469
Zn-71	0.8166	0.5961	0.5724	0.6061
Zn-71m	4.6285	3.3658	2.9547	3.6538
Zn-72	1.3752	0.8411	0.6140	1.3479
Zr-85	1.4051	1.0611	1.0372	1.3620
Zr-86	2.3034	1.5467	2.4973	2.3844
Zr-87	0.1543	0.0943	0.2431	0.2576
Zr-88	1.7618	1.3799	1.8180	2.5454
Zr-89	1.8090	1.0603	1.5714	1.7193
Zr-89m	1.5100	0.9815	1.0153	1.1071
Zr-93	0.0000	0.0000	0.0000	0.0000
Zr-95	1.5264	0.8896	0.7415	0.9228
Zr-97	1.8124	1.0867	0.9675	1.1566