

Gamma Shielding Factors 200 cm soil cover to 1000 cm Soil cover

***Plus D and Plus E are included**

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Table 1: Ground Plane Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223	4.05E-14	2.02E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-224	9.30E-17	4.65E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225	6.00E-14	3.00E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-226	2.80E-14	1.40E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227	1.14E-16	5.69E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-228	3.75E-09	1.88E-09	6.92E-16	3.46E-16	0.00E+00	0.00E+00	0.00E+00
Ac-230	3.59E-08	1.79E-08	8.12E-14	4.06E-14	0.00E+00	0.00E+00	0.00E+00
Ac-231	3.72E-15	1.86E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-232	4.62E-08	2.31E-08	2.89E-14	1.44E-14	0.00E+00	0.00E+00	0.00E+00
Ac-233	2.56E-12	1.28E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-100m	3.21E-08	1.60E-08	9.14E-14	4.57E-14	0.00E+00	0.00E+00	0.00E+00
Ag-101	4.32E-08	2.16E-08	3.48E-13	1.74E-13	0.00E+00	0.00E+00	0.00E+00
Ag-102m	4.02E-07	2.01E-07	6.03E-12	3.02E-12	0.00E+00	0.00E+00	0.00E+00
Ag-102	1.23E-07	6.13E-08	1.99E-12	9.96E-13	0.00E+00	0.00E+00	0.00E+00
Ag-103	7.67E-09	3.84E-09	2.97E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Ag-104	7.87E-09	3.93E-09	1.84E-14	9.19E-15	0.00E+00	0.00E+00	0.00E+00
Ag-104m	2.20E-07	1.10E-07	3.32E-12	1.66E-12	0.00E+00	0.00E+00	0.00E+00
Ag-105	9.48E-11	4.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-105m	1.82E-11	9.10E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-106	4.11E-10	2.05E-10	1.76E-15	8.78E-16	0.00E+00	0.00E+00	0.00E+00
Ag-106m	3.57E-09	1.79E-09	6.55E-16	3.28E-16	0.00E+00	0.00E+00	0.00E+00
Ag-108	5.26E-11	2.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m	1.72E-11	8.62E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110	5.44E-10	2.72E-10	3.32E-16	1.66E-16	0.00E+00	0.00E+00	0.00E+00
Ag-110m	2.77E-09	1.39E-09	8.46E-18	4.23E-18	0.00E+00	0.00E+00	0.00E+00
Ag-111	4.54E-13	2.27E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-111m	5.22E-13	2.61E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-112	6.31E-08	3.16E-08	4.16E-13	2.08E-13	0.00E+00	0.00E+00	0.00E+00
Ag-113m	9.02E-12	4.51E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-113	4.04E-10	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-114	8.17E-08	4.09E-08	6.73E-13	3.37E-13	0.00E+00	0.00E+00	0.00E+00
Ag-115	7.17E-08	3.58E-08	3.29E-13	1.64E-13	0.00E+00	0.00E+00	0.00E+00
Ag-116	2.65E-07	1.32E-07	2.67E-12	1.33E-12	0.00E+00	0.00E+00	0.00E+00
Ag-117	2.17E-07	1.08E-07	2.08E-12	1.04E-12	0.00E+00	0.00E+00	0.00E+00
Ag-99	1.22E-07	6.10E-08	1.75E-12	8.74E-13	0.00E+00	0.00E+00	0.00E+00
Al-26	6.68E-08	3.34E-08	6.86E-14	3.43E-14	0.00E+00	0.00E+00	0.00E+00
Al-28	5.89E-08	2.95E-08	2.88E-14	1.44E-14	0.00E+00	0.00E+00	0.00E+00
Al-29	4.13E-08	2.06E-08	2.21E-13	1.10E-13	0.00E+00	0.00E+00	0.00E+00
Am-237	1.74E-11	8.70E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-238	2.64E-09	1.32E-09	4.29E-16	2.15E-16	0.00E+00	0.00E+00	0.00E+00
Am-239	3.07E-16	1.53E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Am-240	3.31E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-241	1.15E-11	5.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242m	3.41E-20	1.71E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243	1.47E-15	7.37E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244	9.22E-11	4.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244m	2.49E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-245	1.95E-16	9.76E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246	2.36E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246m	1.81E-09	9.07E-10	4.16E-16	2.08E-16	0.00E+00	0.00E+00	0.00E+00
Am-247	6.00E-16	3.00E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-41	5.11E-09	2.56E-09	9.10E-18	4.55E-18	0.00E+00	0.00E+00	0.00E+00
Ar-42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-43	1.52E-07	7.61E-08	2.08E-12	1.04E-12	0.00E+00	0.00E+00	0.00E+00
Ar-44	5.03E-08	2.51E-08	4.89E-14	2.44E-14	0.00E+00	0.00E+00	0.00E+00
As-68	9.37E-08	4.68E-08	1.04E-12	5.22E-13	0.00E+00	0.00E+00	0.00E+00
As-69	6.20E-08	3.10E-08	3.79E-13	1.90E-13	0.00E+00	0.00E+00	0.00E+00
As-70	3.97E-08	1.99E-08	6.09E-13	3.05E-13	0.00E+00	0.00E+00	0.00E+00
As-71	5.55E-10	2.77E-10	7.54E-17	3.77E-17	0.00E+00	0.00E+00	0.00E+00
As-72	6.21E-08	3.10E-08	1.01E-12	5.07E-13	0.00E+00	0.00E+00	0.00E+00
As-73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-74	1.44E-10	7.22E-11	6.17E-16	3.09E-16	0.00E+00	0.00E+00	0.00E+00
As-76	9.54E-09	4.77E-09	4.11E-14	2.06E-14	0.00E+00	0.00E+00	0.00E+00
As-77	6.89E-13	3.45E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-78	5.27E-08	2.64E-08	3.69E-13	1.85E-13	0.00E+00	0.00E+00	0.00E+00
As-79	1.15E-10	5.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-204	4.34E-11	2.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-205	1.89E-08	9.47E-09	1.20E-13	5.99E-14	0.00E+00	0.00E+00	0.00E+00
At-206	9.11E-09	4.56E-09	4.17E-14	2.08E-14	0.00E+00	0.00E+00	0.00E+00
At-207	4.05E-08	2.03E-08	2.80E-13	1.40E-13	0.00E+00	0.00E+00	0.00E+00
At-208	2.74E-08	1.37E-08	1.86E-13	9.29E-14	0.00E+00	0.00E+00	0.00E+00
At-209	1.68E-09	8.42E-10	4.07E-15	2.04E-15	0.00E+00	0.00E+00	0.00E+00
At-210	1.13E-08	5.64E-09	2.22E-14	1.11E-14	0.00E+00	0.00E+00	0.00E+00
At-211	5.41E-13	2.71E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-215	3.95E-14	1.98E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-216	9.82E-16	4.91E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-217	1.73E-12	8.67E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-220	3.78E-12	1.89E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-186	1.30E-08	6.48E-09	2.31E-14	1.16E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Au-187	2.81E-08	1.40E-08	6.05E-14	3.02E-14	0.00E+00	0.00E+00	0.00E+00
Au-190	3.04E-07	1.52E-07	3.04E-12	1.52E-12	0.00E+00	0.00E+00	0.00E+00
Au-191	8.14E-11	4.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-192	1.20E-07	5.98E-08	7.49E-13	3.74E-13	0.00E+00	0.00E+00	0.00E+00
Au-193	3.39E-12	1.69E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-193m	4.90E-16	2.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-194	2.51E-08	1.25E-08	4.47E-14	2.23E-14	0.00E+00	0.00E+00	0.00E+00
Au-195	1.41E-20	7.03E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-195m	5.89E-16	2.95E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196	4.44E-12	2.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196m	1.06E-16	5.30E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198	6.05E-12	3.03E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198m	4.89E-16	2.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-199	1.47E-17	7.33E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-200	3.50E-09	1.75E-09	3.06E-16	1.53E-16	0.00E+00	0.00E+00	0.00E+00
Au-200m	2.37E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-201	4.52E-12	2.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-202	3.46E-09	1.73E-09	1.00E-15	5.02E-16	0.00E+00	0.00E+00	0.00E+00
Ba-124	1.28E-09	6.41E-10	1.09E-16	5.43E-17	0.00E+00	0.00E+00	0.00E+00
Ba-126	7.30E-10	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-127	3.53E-08	1.76E-08	1.41E-13	7.03E-14	0.00E+00	0.00E+00	0.00E+00
Ba-128	5.07E-16	2.54E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-129	1.28E-08	6.38E-09	6.42E-15	3.21E-15	0.00E+00	0.00E+00	0.00E+00
Ba-129m	4.01E-09	2.01E-09	4.29E-16	2.15E-16	0.00E+00	0.00E+00	0.00E+00
Ba-131	3.14E-11	1.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133	4.21E-15	2.11E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133m	4.51E-15	2.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-135m	4.64E-16	2.32E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-137m	1.96E-11	9.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-139	9.36E-10	4.68E-10	2.61E-17	1.30E-17	0.00E+00	0.00E+00	0.00E+00
Ba-140	1.86E-12	9.29E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-141	1.20E-08	6.00E-09	3.72E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00
Ba-142	1.34E-09	6.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-7	3.64E-13	1.82E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-197	6.21E-09	3.10E-09	1.72E-15	8.62E-16	0.00E+00	0.00E+00	0.00E+00
Bi-200	3.55E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-201	2.15E-08	1.08E-08	6.71E-14	3.36E-14	0.00E+00	0.00E+00	0.00E+00
Bi-202	2.26E-08	1.13E-08	3.15E-13	1.58E-13	0.00E+00	0.00E+00	0.00E+00
Bi-203	2.83E-08	1.42E-08	4.62E-14	2.31E-14	0.00E+00	0.00E+00	0.00E+00
Bi-204	1.48E-08	7.39E-09	8.00E-14	4.00E-14	0.00E+00	0.00E+00	0.00E+00
Bi-205	2.65E-08	1.33E-08	1.55E-14	7.73E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Bi-206	9.01E-09	4.51E-09	7.98E-15	3.99E-15	0.00E+00	0.00E+00	0.00E+00
Bi-207	4.27E-09	2.14E-09	1.77E-15	8.87E-16	0.00E+00	0.00E+00	0.00E+00
Bi-208	5.42E-07	2.71E-07	4.51E-12	2.25E-12	0.00E+00	0.00E+00	0.00E+00
Bi-210	1.68E-15	8.41E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m	1.56E-12	7.79E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-211	6.38E-15	3.19E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212	6.11E-09	3.06E-09	1.40E-15	7.02E-16	0.00E+00	0.00E+00	0.00E+00
Bi-213	4.73E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214	4.77E-08	2.39E-08	1.94E-13	9.68E-14	0.00E+00	0.00E+00	0.00E+00
Bi-215	1.01E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216	3.05E-12	1.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-245	7.22E-16	3.61E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-246	3.09E-10	1.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-247	4.72E-16	2.36E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-248m	9.57E-13	4.78E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-249	2.78E-15	1.39E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-250	6.56E-10	3.28E-10	8.42E-18	4.21E-18	0.00E+00	0.00E+00	0.00E+00
Bk-251	4.58E-20	2.29E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-72	4.21E-08	2.11E-08	2.30E-13	1.15E-13	0.00E+00	0.00E+00	0.00E+00
Br-73	8.31E-10	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-74	1.50E-06	7.49E-07	5.96E-11	2.98E-11	0.00E+00	0.00E+00	0.00E+00
Br-74m	6.24E-07	3.12E-07	1.77E-11	8.86E-12	0.00E+00	0.00E+00	0.00E+00
Br-75	3.25E-10	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-76	3.29E-07	1.64E-07	5.65E-12	2.82E-12	0.00E+00	0.00E+00	0.00E+00
Br-76m	4.88E-13	2.44E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77	1.82E-11	9.08E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-78	3.71E-09	1.86E-09	1.92E-14	9.62E-15	0.00E+00	0.00E+00	0.00E+00
Br-80	5.04E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-80m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-82m	7.82E-11	3.91E-11	1.74E-16	8.68E-17	0.00E+00	0.00E+00	0.00E+00
Br-82	2.33E-09	1.16E-09	7.99E-17	4.00E-17	0.00E+00	0.00E+00	0.00E+00
Br-83	2.88E-12	1.44E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-84m	7.74E-09	3.87E-09	5.35E-16	2.68E-16	0.00E+00	0.00E+00	0.00E+00
Br-84	7.65E-07	3.83E-07	2.06E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00
Br-85	1.14E-08	5.71E-09	2.92E-14	1.46E-14	0.00E+00	0.00E+00	0.00E+00
C-10	5.19E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-47	4.85E-09	2.43E-09	1.83E-17	9.17E-18	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ca-49	1.53E-06	7.67E-07	3.12E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00
Cd-101	7.04E-08	3.52E-08	4.30E-13	2.15E-13	0.00E+00	0.00E+00	0.00E+00
Cd-102	1.79E-09	8.95E-10	4.17E-16	2.09E-16	0.00E+00	0.00E+00	0.00E+00
Cd-103	1.41E-07	7.05E-08	1.05E-12	5.24E-13	0.00E+00	0.00E+00	0.00E+00
Cd-104	1.29E-11	6.43E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-105	6.60E-08	3.30E-08	2.86E-13	1.43E-13	0.00E+00	0.00E+00	0.00E+00
Cd-107	2.48E-12	1.24E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-111m	3.40E-16	1.70E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113m	4.41E-16	2.21E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115	1.97E-12	9.87E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115m	2.01E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-117	9.17E-09	4.59E-09	1.96E-15	9.82E-16	0.00E+00	0.00E+00	0.00E+00
Cd-117m	7.18E-08	3.59E-08	2.80E-13	1.40E-13	0.00E+00	0.00E+00	0.00E+00
Cd-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-119	7.78E-08	3.89E-08	3.94E-13	1.97E-13	0.00E+00	0.00E+00	0.00E+00
Cd-119m	6.88E-08	3.44E-08	3.13E-13	1.57E-13	0.00E+00	0.00E+00	0.00E+00
Ce-130	5.59E-10	2.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-131	1.08E-08	5.39E-09	1.48E-14	7.39E-15	0.00E+00	0.00E+00	0.00E+00
Ce-132	5.57E-13	2.79E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133	1.09E-12	5.45E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133m	1.58E-08	7.91E-09	3.37E-14	1.69E-14	0.00E+00	0.00E+00	0.00E+00
Ce-134	1.51E-17	7.53E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-135	3.56E-10	1.78E-10	6.22E-17	3.11E-17	0.00E+00	0.00E+00	0.00E+00
Ce-137	2.38E-12	1.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-137m	8.12E-12	4.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-139	3.30E-19	1.65E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-141	2.77E-19	1.39E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-143	4.02E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144	8.28E-20	4.14E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-145	3.78E-10	1.89E-10	6.54E-19	3.27E-19	0.00E+00	0.00E+00	0.00E+00
Cf-244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-246	6.33E-10	3.16E-10	6.60E-14	3.30E-14	1.29E-17	4.12E-20	0.00E+00
Cf-247	2.45E-15	1.23E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-248	6.93E-09	3.46E-09	6.86E-13	3.43E-13	1.29E-16	4.06E-19	0.00E+00
Cf-249	1.54E-13	7.69E-14	7.29E-18	3.65E-18	1.34E-21	4.20E-24	0.00E+00
Cf-250	1.87E-07	9.34E-08	1.76E-11	8.78E-12	3.15E-15	9.83E-18	0.00E+00
Cf-251	6.99E-17	3.49E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-252	5.44E-07	2.72E-07	4.87E-11	2.44E-11	8.34E-15	2.57E-17	0.00E+00
Cf-253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-254	5.61E-07	2.81E-07	4.79E-11	2.40E-11	7.80E-15	2.37E-17	0.00E+00
Cf-255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cl-34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-34m	5.72E-07	2.86E-07	1.07E-11	5.33E-12	0.00E+00	0.00E+00	0.00E+00
Cl-36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-38	1.44E-07	7.21E-08	6.63E-13	3.31E-13	0.00E+00	0.00E+00	0.00E+00
Cl-39	8.62E-09	4.31E-09	1.75E-15	8.75E-16	0.00E+00	0.00E+00	0.00E+00
Cl-40	1.66E-06	8.28E-07	1.98E-10	9.92E-11	3.84E-14	5.78E-18	0.00E+00
Cm-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-239	2.77E-19	1.38E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-240	5.33E-12	2.67E-12	5.66E-16	2.83E-16	1.12E-19	3.58E-22	0.00E+00
Cm-241	4.43E-13	2.22E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-242	1.10E-11	5.49E-12	1.10E-15	5.51E-16	2.09E-19	6.62E-22	0.00E+00
Cm-243	2.69E-16	1.34E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-244	3.14E-10	1.57E-10	2.99E-14	1.49E-14	5.42E-18	1.69E-20	0.00E+00
Cm-245	1.48E-13	7.39E-14	1.37E-17	6.87E-18	2.44E-21	7.59E-24	0.00E+00
Cm-246	7.65E-08	3.82E-08	6.97E-12	3.49E-12	1.22E-15	3.76E-18	0.00E+00
Cm-247	3.17E-14	1.58E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-248	5.53E-07	2.77E-07	4.78E-11	2.39E-11	7.87E-15	2.40E-17	0.00E+00
Cm-249	3.30E-12	1.65E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250	5.56E-07	2.78E-07	4.60E-11	2.30E-11	7.22E-15	2.17E-17	0.00E+00
Cm-251	4.06E-11	2.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-54m	5.89E-09	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-55	8.00E-09	4.00E-09	4.25E-14	2.12E-14	0.00E+00	0.00E+00	0.00E+00
Co-56	2.78E-07	1.39E-07	4.08E-12	2.04E-12	0.00E+00	0.00E+00	0.00E+00
Co-57	1.33E-13	6.63E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-58	4.26E-10	2.13E-10	1.20E-16	5.99E-17	0.00E+00	0.00E+00	0.00E+00
Co-58m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-60	4.91E-09	2.46E-09	9.27E-18	4.63E-18	0.00E+00	0.00E+00	0.00E+00
Co-60m	3.30E-10	1.65E-10	1.78E-16	8.89E-17	0.00E+00	0.00E+00	0.00E+00
Co-61	1.10E-10	5.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-62	1.39E-07	6.95E-08	2.41E-12	1.20E-12	0.00E+00	0.00E+00	0.00E+00
Co-62m	4.31E-08	2.15E-08	2.58E-13	1.29E-13	0.00E+00	0.00E+00	0.00E+00
Cr-48	1.86E-15	9.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-49	2.35E-10	1.17E-10	2.80E-16	1.40E-16	0.00E+00	0.00E+00	0.00E+00
Cr-51	1.65E-15	8.24E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-55	4.62E-08	2.31E-08	1.82E-13	9.09E-14	0.00E+00	0.00E+00	0.00E+00
Cr-56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121	1.89E-09	9.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121m	1.01E-09	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-123	8.59E-10	4.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-124	4.87E-08	2.43E-08	2.97E-13	1.48E-13	0.00E+00	0.00E+00	0.00E+00
Cs-125	2.15E-08	1.07E-08	1.15E-13	5.77E-14	0.00E+00	0.00E+00	0.00E+00
Cs-126	1.94E-08	9.68E-09	1.07E-13	5.33E-14	0.00E+00	0.00E+00	0.00E+00
Cs-127	4.21E-10	2.11E-10	7.69E-17	3.84E-17	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cs-128	1.47E-08	7.37E-09	8.46E-14	4.23E-14	0.00E+00	0.00E+00	0.00E+00
Cs-129	2.72E-12	1.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130m	5.70E-14	2.85E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130	7.34E-09	3.67E-09	7.66E-15	3.83E-15	0.00E+00	0.00E+00	0.00E+00
Cs-131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-132	2.29E-10	1.15E-10	7.89E-17	3.94E-17	0.00E+00	0.00E+00	0.00E+00
Cs-134	2.81E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-134m	5.59E-21	2.79E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135m	1.23E-10	6.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-136	7.78E-10	3.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-137	8.56E-13	4.28E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138m	6.96E-09	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138	1.02E-07	5.10E-08	9.46E-13	4.73E-13	0.00E+00	0.00E+00	0.00E+00
Cs-139	2.64E-07	1.32E-07	5.08E-12	2.54E-12	0.00E+00	0.00E+00	0.00E+00
Cs-140	3.29E-07	1.65E-07	5.32E-12	2.66E-12	0.00E+00	0.00E+00	0.00E+00
Cu-57	1.06E-07	5.32E-08	1.06E-12	5.31E-13	0.00E+00	0.00E+00	0.00E+00
Cu-59	6.95E-09	3.48E-09	9.76E-15	4.88E-15	0.00E+00	0.00E+00	0.00E+00
Cu-60	2.04E-07	1.02E-07	4.20E-12	2.10E-12	6.29E-19	0.00E+00	0.00E+00
Cu-61	1.63E-09	8.17E-10	3.32E-15	1.66E-15	0.00E+00	0.00E+00	0.00E+00
Cu-62	8.74E-08	4.37E-08	1.46E-12	7.29E-13	0.00E+00	0.00E+00	0.00E+00
Cu-64	1.09E-09	5.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-66	9.50E-10	4.75E-10	3.15E-18	1.58E-18	0.00E+00	0.00E+00	0.00E+00
Cu-67	1.25E-16	6.24E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-69	2.49E-09	1.25E-09	6.84E-16	3.42E-16	0.00E+00	0.00E+00	0.00E+00
Dy-148	2.34E-10	1.17E-10	5.39E-17	2.69E-17	0.00E+00	0.00E+00	0.00E+00
Dy-149	2.02E-08	1.01E-08	1.56E-14	7.81E-15	0.00E+00	0.00E+00	0.00E+00
Dy-150	9.31E-15	4.66E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-151	7.93E-09	3.96E-09	3.99E-15	2.00E-15	0.00E+00	0.00E+00	0.00E+00
Dy-152	5.89E-16	2.94E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-153	4.62E-09	2.31E-09	1.20E-15	6.00E-16	0.00E+00	0.00E+00	0.00E+00
Dy-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-155	3.15E-09	1.57E-09	5.11E-16	2.56E-16	0.00E+00	0.00E+00	0.00E+00
Dy-157	1.20E-12	6.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-159	2.19E-19	1.10E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165m	2.35E-13	1.18E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165	6.61E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-166	4.07E-15	2.03E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-167	1.11E-10	5.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-168	1.93E-12	9.65E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-156	2.89E-16	1.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-159	1.29E-08	6.44E-09	2.76E-14	1.38E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Er-161	1.88E-09	9.38E-10	2.83E-16	1.41E-16	0.00E+00	0.00E+00	0.00E+00
Er-163	9.17E-12	4.58E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-167m	7.14E-17	3.57E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-171	1.02E-11	5.09E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-172	3.80E-12	1.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-173	1.70E-10	8.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-249	1.19E-10	5.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250	6.05E-11	3.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250m	2.27E-09	1.13E-09	4.24E-16	2.12E-16	0.00E+00	0.00E+00	0.00E+00
Es-251	1.80E-20	9.01E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-253	7.66E-11	3.83E-11	7.13E-15	3.57E-15	1.27E-18	3.96E-21	0.00E+00
Es-254	7.72E-13	3.86E-13	7.02E-17	3.51E-17	1.22E-20	3.77E-23	0.00E+00
Es-254m	5.78E-09	2.89E-09	5.23E-13	2.62E-13	9.08E-17	2.81E-19	0.00E+00
Es-255	5.66E-07	2.83E-07	5.01E-11	2.51E-11	8.48E-15	2.61E-17	0.00E+00
Es-256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-142	7.03E-08	3.52E-08	3.48E-13	1.74E-13	0.00E+00	0.00E+00	0.00E+00
Eu-142m	2.56E-09	1.28E-09	7.30E-15	3.65E-15	0.00E+00	0.00E+00	0.00E+00
Eu-143	5.77E-08	2.88E-08	3.38E-13	1.69E-13	0.00E+00	0.00E+00	0.00E+00
Eu-144	6.33E-08	3.17E-08	2.46E-13	1.23E-13	0.00E+00	0.00E+00	0.00E+00
Eu-145	2.32E-08	1.16E-08	3.93E-14	1.97E-14	0.00E+00	0.00E+00	0.00E+00
Eu-146	2.19E-08	1.09E-08	1.05E-13	5.25E-14	0.00E+00	0.00E+00	0.00E+00
Eu-147	5.60E-10	2.80E-10	1.87E-18	9.35E-19	0.00E+00	0.00E+00	0.00E+00
Eu-148	3.07E-09	1.53E-09	2.60E-15	1.30E-15	0.00E+00	0.00E+00	0.00E+00
Eu-149	8.19E-14	4.09E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-150	9.53E-10	4.76E-10	1.03E-16	5.14E-17	0.00E+00	0.00E+00	0.00E+00
Eu-150m	4.26E-09	2.13E-09	2.09E-15	1.04E-15	0.00E+00	0.00E+00	0.00E+00
Eu-152	3.24E-09	1.62E-09	6.95E-18	3.48E-18	0.00E+00	0.00E+00	0.00E+00
Eu-152m	8.19E-10	4.10E-10	6.76E-18	3.38E-18	0.00E+00	0.00E+00	0.00E+00
Eu-152n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-154	2.12E-09	1.06E-09	3.94E-17	1.97E-17	0.00E+00	0.00E+00	0.00E+00
Eu-154m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-155	3.24E-22	1.62E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-156	5.54E-08	2.77E-08	2.09E-13	1.05E-13	0.00E+00	0.00E+00	0.00E+00
Eu-157	1.23E-11	6.14E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-158	2.69E-08	1.35E-08	1.42E-13	7.11E-14	0.00E+00	0.00E+00	0.00E+00
Eu-159	9.95E-10	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-17	2.48E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-52	8.57E-10	4.29E-10	3.52E-16	1.76E-16	0.00E+00	0.00E+00	0.00E+00
Fe-53	4.35E-08	2.17E-08	4.25E-13	2.13E-13	0.00E+00	0.00E+00	0.00E+00
Fe-53m	3.02E-08	1.51E-08	1.71E-13	8.53E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Fe-55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-59	3.15E-09	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-61	3.09E-08	1.55E-08	2.38E-13	1.19E-13	0.00E+00	0.00E+00	0.00E+00
Fe-62	8.57E-13	4.28E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-251	7.96E-11	3.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-252	6.25E-09	3.12E-09	6.40E-13	3.20E-13	1.24E-16	3.93E-19	0.00E+00
Fm-253	9.98E-17	4.99E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-254	1.38E-07	6.88E-08	1.33E-11	6.68E-12	2.46E-15	7.74E-18	0.00E+00
Fm-255	6.63E-12	3.31E-12	6.22E-16	3.11E-16	1.12E-19	3.48E-22	0.00E+00
Fm-256	5.72E-07	2.86E-07	5.25E-11	2.63E-11	9.23E-15	2.86E-17	0.00E+00
Fm-257	4.60E-08	2.30E-08	4.10E-12	2.05E-12	6.99E-16	2.15E-18	0.00E+00
Fr-212	2.24E-09	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-219	4.64E-13	2.32E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-220	2.29E-16	1.15E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221	1.52E-15	7.59E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-222	4.30E-10	2.15E-10	8.21E-18	4.10E-18	0.00E+00	0.00E+00	0.00E+00
Fr-223	4.50E-12	2.25E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-224	1.06E-08	5.28E-09	1.83E-14	9.17E-15	0.00E+00	0.00E+00	0.00E+00
Fr-227	5.78E-10	2.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-64	7.01E-07	3.51E-07	2.08E-11	1.04E-11	7.75E-17	0.00E+00	0.00E+00
Ga-65	1.07E-08	5.36E-09	6.78E-14	3.39E-14	0.00E+00	0.00E+00	0.00E+00
Ga-66	1.39E-06	6.94E-07	7.30E-11	3.65E-11	0.00E+00	0.00E+00	0.00E+00
Ga-67	1.32E-12	6.62E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-68	4.79E-09	2.40E-09	4.45E-15	2.23E-15	0.00E+00	0.00E+00	0.00E+00
Ga-70	8.28E-10	4.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-72	1.24E-07	6.19E-08	7.57E-13	3.79E-13	0.00E+00	0.00E+00	0.00E+00
Ga-73	3.57E-11	1.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-74	2.32E-07	1.16E-07	2.63E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00
Gd-142	1.43E-08	7.16E-09	6.33E-15	3.17E-15	0.00E+00	0.00E+00	0.00E+00
Gd-143m	1.39E-08	6.94E-09	1.22E-14	6.10E-15	0.00E+00	0.00E+00	0.00E+00
Gd-144	2.00E-07	1.00E-07	1.40E-12	6.98E-13	0.00E+00	0.00E+00	0.00E+00
Gd-145m	3.39E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-145	2.98E-07	1.49E-07	8.80E-12	4.40E-12	0.00E+00	0.00E+00	0.00E+00
Gd-146	6.03E-15	3.02E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-147	1.77E-09	8.87E-10	5.52E-16	2.76E-16	0.00E+00	0.00E+00	0.00E+00
Gd-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-149	3.67E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-151	1.30E-16	6.50E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-153	2.12E-22	1.06E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-159	1.24E-13	6.22E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Gd-162	1.31E-13	6.56E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-66	7.88E-10	3.94E-10	7.86E-17	3.93E-17	0.00E+00	0.00E+00	0.00E+00
Ge-67	8.61E-08	4.31E-08	1.22E-12	6.10E-13	0.00E+00	0.00E+00	0.00E+00
Ge-68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-69	4.19E-09	2.09E-09	3.57E-15	1.78E-15	0.00E+00	0.00E+00	0.00E+00
Ge-71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-75	1.80E-13	8.99E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-77	8.07E-09	4.03E-09	2.73E-14	1.36E-14	0.00E+00	0.00E+00	0.00E+00
Ge-78	1.63E-15	8.15E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-167	1.97E-15	9.86E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-169	3.08E-13	1.54E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-170	3.99E-12	1.99E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-172	8.33E-22	4.16E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-173	5.91E-11	2.96E-11	4.14E-17	2.07E-17	0.00E+00	0.00E+00	0.00E+00
Hf-174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-175	6.89E-15	3.44E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-177m	9.40E-13	4.70E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-178m	1.38E-12	6.88E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-179m	8.68E-14	4.34E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-180m	1.09E-13	5.46E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-181	2.84E-13	1.42E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182	1.15E-15	5.75E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182m	7.64E-11	3.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-183	7.51E-10	3.75E-10	3.91E-17	1.96E-17	0.00E+00	0.00E+00	0.00E+00
Hf-184	1.83E-15	9.15E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-190	1.29E-13	6.44E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-191m	5.65E-09	2.83E-09	1.68E-15	8.39E-16	0.00E+00	0.00E+00	0.00E+00
Hg-192	1.94E-15	9.71E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193	1.14E-08	5.68E-09	5.24E-15	2.62E-15	0.00E+00	0.00E+00	0.00E+00
Hg-193m	5.65E-09	2.83E-09	1.44E-15	7.19E-16	0.00E+00	0.00E+00	0.00E+00
Hg-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195	1.96E-10	9.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195m	5.74E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197	6.23E-19	3.12E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197m	1.35E-16	6.76E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-199m	1.72E-15	8.62E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-203	1.50E-15	7.49E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-205	1.70E-10	8.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-206	1.98E-12	9.88E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-207	5.16E-08	2.58E-08	2.52E-13	1.26E-13	0.00E+00	0.00E+00	0.00E+00
Ho-150	9.77E-11	4.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-153	9.06E-10	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ho-153m	4.19E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154m	3.38E-10	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154	7.17E-09	3.58E-09	3.31E-15	1.65E-15	0.00E+00	0.00E+00	0.00E+00
Ho-155	2.41E-08	1.21E-08	1.00E-13	5.00E-14	0.00E+00	0.00E+00	0.00E+00
Ho-156	5.34E-08	2.67E-08	3.24E-13	1.62E-13	0.00E+00	0.00E+00	0.00E+00
Ho-157	7.36E-10	3.68E-10	8.67E-17	4.34E-17	0.00E+00	0.00E+00	0.00E+00
Ho-159	7.37E-11	3.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-160	3.87E-10	1.94E-10	4.45E-18	2.22E-18	0.00E+00	0.00E+00	0.00E+00
Ho-161	9.60E-14	4.80E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-162	2.37E-09	1.19E-09	1.15E-16	5.75E-17	0.00E+00	0.00E+00	0.00E+00
Ho-162m	1.21E-09	6.04E-10	1.96E-17	9.79E-18	0.00E+00	0.00E+00	0.00E+00
Ho-163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164	3.80E-15	1.90E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-166	5.16E-09	2.58E-09	7.23E-16	3.61E-16	0.00E+00	0.00E+00	0.00E+00
Ho-166m	1.73E-10	8.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-167	2.43E-13	1.22E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-168	4.76E-09	2.38E-09	1.99E-14	9.95E-15	0.00E+00	0.00E+00	0.00E+00
Ho-168m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-170	6.01E-10	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-118m	1.41E-09	7.07E-10	2.21E-16	1.10E-16	0.00E+00	0.00E+00	0.00E+00
I-118	1.48E-08	7.40E-09	5.63E-14	2.81E-14	0.00E+00	0.00E+00	0.00E+00
I-119	1.39E-09	6.97E-10	3.89E-16	1.95E-16	0.00E+00	0.00E+00	0.00E+00
I-120	4.21E-07	2.10E-07	1.29E-11	6.45E-12	0.00E+00	0.00E+00	0.00E+00
I-120m	6.34E-08	3.17E-08	5.37E-13	2.68E-13	0.00E+00	0.00E+00	0.00E+00
I-121	4.29E-10	2.14E-10	1.02E-16	5.12E-17	0.00E+00	0.00E+00	0.00E+00
I-122	2.52E-08	1.26E-08	1.82E-13	9.10E-14	0.00E+00	0.00E+00	0.00E+00
I-123	4.51E-13	2.26E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-124	3.13E-08	1.56E-08	1.54E-13	7.68E-14	0.00E+00	0.00E+00	0.00E+00
I-125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-126	1.33E-10	6.63E-11	5.76E-17	2.88E-17	0.00E+00	0.00E+00	0.00E+00
I-128	2.07E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-130m	4.42E-09	2.21E-09	1.31E-14	6.56E-15	0.00E+00	0.00E+00	0.00E+00
I-130	2.11E-10	1.05E-10	1.61E-18	8.07E-19	0.00E+00	0.00E+00	0.00E+00
I-131	2.88E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-132	4.69E-09	2.34E-09	1.20E-14	6.00E-15	0.00E+00	0.00E+00	0.00E+00
I-132m	2.12E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-133	3.78E-10	1.89E-10	5.20E-20	2.60E-20	0.00E+00	0.00E+00	0.00E+00
I-134m	2.42E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-134	7.54E-09	3.77E-09	2.15E-14	1.07E-14	0.00E+00	0.00E+00	0.00E+00
I-135	2.26E-08	1.13E-08	5.30E-14	2.65E-14	0.00E+00	0.00E+00	0.00E+00
In-103	3.01E-07	1.51E-07	6.95E-12	3.47E-12	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
In-105	8.98E-08	4.49E-08	7.77E-13	3.88E-13	0.00E+00	0.00E+00	0.00E+00
In-106	1.81E-09	9.06E-10	5.16E-16	2.58E-16	0.00E+00	0.00E+00	0.00E+00
In-106m	3.37E-07	1.68E-07	6.60E-12	3.30E-12	0.00E+00	0.00E+00	0.00E+00
In-107	9.78E-08	4.89E-08	6.61E-13	3.31E-13	0.00E+00	0.00E+00	0.00E+00
In-108	1.24E-08	6.21E-09	5.11E-14	2.56E-14	0.00E+00	0.00E+00	0.00E+00
In-108m	8.45E-07	4.22E-07	2.58E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00
In-109	5.11E-09	2.55E-09	1.82E-15	9.10E-16	0.00E+00	0.00E+00	0.00E+00
In-109m	1.58E-11	7.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-110	1.10E-09	5.50E-10	3.25E-16	1.62E-16	0.00E+00	0.00E+00	0.00E+00
In-110m	1.26E-07	6.29E-08	2.02E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00
In-111	2.23E-16	1.11E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-111m	3.11E-12	1.56E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-112	5.34E-10	2.67E-10	4.48E-17	2.24E-17	0.00E+00	0.00E+00	0.00E+00
In-112m	9.24E-20	4.62E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-113m	9.55E-15	4.77E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114	3.35E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114m	7.65E-12	3.83E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115m	4.50E-15	2.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-116m	2.54E-08	1.27E-08	8.96E-14	4.48E-14	0.00E+00	0.00E+00	0.00E+00
In-117	3.43E-12	1.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-117m	1.03E-12	5.14E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-118m	8.20E-09	4.10E-09	3.53E-14	1.77E-14	0.00E+00	0.00E+00	0.00E+00
In-118	7.93E-09	3.97E-09	9.85E-15	4.93E-15	0.00E+00	0.00E+00	0.00E+00
In-119	6.43E-11	3.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-119m	1.66E-09	8.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121	3.43E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121m	6.43E-08	3.22E-08	6.70E-13	3.35E-13	0.00E+00	0.00E+00	0.00E+00
Ir-180	2.21E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-182	2.25E-09	1.13E-09	4.23E-16	2.12E-16	0.00E+00	0.00E+00	0.00E+00
Ir-183	2.63E-08	1.32E-08	4.73E-14	2.36E-14	0.00E+00	0.00E+00	0.00E+00
Ir-184	2.32E-08	1.16E-08	1.15E-13	5.74E-14	0.00E+00	0.00E+00	0.00E+00
Ir-185	2.52E-08	1.26E-08	1.44E-14	7.21E-15	0.00E+00	0.00E+00	0.00E+00
Ir-186	5.01E-08	2.50E-08	3.78E-13	1.89E-13	0.00E+00	0.00E+00	0.00E+00
Ir-186m	6.28E-08	3.14E-08	4.54E-13	2.27E-13	0.00E+00	0.00E+00	0.00E+00
Ir-187	1.35E-10	6.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-188	9.65E-08	4.83E-08	4.24E-13	2.12E-13	0.00E+00	0.00E+00	0.00E+00
Ir-189	7.59E-17	3.80E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190	9.94E-11	4.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190n	1.18E-18	5.92E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-191m	1.08E-20	5.38E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192	2.83E-12	1.41E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ir-192m	2.21E-16	1.11E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192n	4.32E-22	2.16E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-194	2.31E-09	1.16E-09	1.57E-15	7.84E-16	0.00E+00	0.00E+00	0.00E+00
Ir-194m	1.62E-11	8.08E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195	4.61E-18	2.31E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195m	5.81E-12	2.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196	1.59E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196m	2.00E-10	9.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-38	2.21E-07	1.11E-07	1.34E-12	6.69E-13	0.00E+00	0.00E+00	0.00E+00
K-40	1.37E-08	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-42	1.73E-08	8.63E-09	3.75E-15	1.87E-15	0.00E+00	0.00E+00	0.00E+00
K-43	3.84E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-44	4.52E-07	2.26E-07	1.33E-11	6.65E-12	1.45E-16	0.00E+00	0.00E+00
K-45	1.25E-07	6.26E-08	9.21E-13	4.61E-13	0.00E+00	0.00E+00	0.00E+00
K-46	1.26E-06	6.30E-07	5.69E-11	2.85E-11	1.11E-15	0.00E+00	0.00E+00
Kr-74	2.33E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-75	3.84E-09	1.92E-09	4.31E-16	2.16E-16	0.00E+00	0.00E+00	0.00E+00
Kr-76	1.56E-11	7.81E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-77	1.00E-09	5.02E-10	2.29E-15	1.14E-15	0.00E+00	0.00E+00	0.00E+00
Kr-79	1.58E-10	7.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81	8.60E-18	4.30E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81m	5.71E-19	2.86E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-83m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85	1.48E-12	7.38E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85m	1.42E-14	7.12E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-87	2.39E-07	1.19E-07	2.18E-12	1.09E-12	0.00E+00	0.00E+00	0.00E+00
Kr-88	2.00E-07	1.00E-07	1.19E-12	5.93E-13	0.00E+00	0.00E+00	0.00E+00
Kr-89	5.19E-07	2.60E-07	1.53E-11	7.65E-12	0.00E+00	0.00E+00	0.00E+00
La-128	8.82E-09	4.41E-09	2.01E-14	1.01E-14	0.00E+00	0.00E+00	0.00E+00
La-129	3.16E-09	1.58E-09	5.46E-15	2.73E-15	0.00E+00	0.00E+00	0.00E+00
La-130	5.96E-08	2.98E-08	5.17E-13	2.58E-13	0.00E+00	0.00E+00	0.00E+00
La-131	3.53E-09	1.77E-09	9.92E-15	4.96E-15	0.00E+00	0.00E+00	0.00E+00
La-132	1.36E-07	6.79E-08	1.65E-12	8.24E-13	0.00E+00	0.00E+00	0.00E+00
La-132m	1.76E-10	8.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-133	3.36E-10	1.68E-10	6.15E-17	3.07E-17	0.00E+00	0.00E+00	0.00E+00
La-134	2.08E-08	1.04E-08	1.03E-13	5.17E-14	0.00E+00	0.00E+00	0.00E+00
La-135	4.09E-12	2.05E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-136	3.24E-09	1.62E-09	1.21E-14	6.05E-15	0.00E+00	0.00E+00	0.00E+00
La-137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-138	9.14E-09	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-140	3.15E-08	1.57E-08	1.27E-13	6.35E-14	0.00E+00	0.00E+00	0.00E+00
La-141	2.66E-08	1.33E-08	8.98E-14	4.49E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
La-142	4.02E-07	2.01E-07	6.03E-12	3.01E-12	0.00E+00	0.00E+00	0.00E+00
La-143	1.03E-07	5.14E-08	6.85E-13	3.42E-13	0.00E+00	0.00E+00	0.00E+00
Lu-165	1.54E-08	7.70E-09	1.36E-14	6.79E-15	0.00E+00	0.00E+00	0.00E+00
Lu-167	3.86E-08	1.93E-08	8.92E-14	4.46E-14	0.00E+00	0.00E+00	0.00E+00
Lu-169m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-169	1.10E-08	5.52E-09	1.32E-14	6.59E-15	0.00E+00	0.00E+00	0.00E+00
Lu-170	2.42E-07	1.21E-07	2.17E-12	1.08E-12	0.00E+00	0.00E+00	0.00E+00
Lu-171m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-171	6.05E-11	3.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-172	3.69E-09	1.85E-09	2.78E-15	1.39E-15	0.00E+00	0.00E+00	0.00E+00
Lu-172m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-173	3.77E-13	1.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174	8.67E-10	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174m	1.50E-11	7.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176	1.45E-15	7.24E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176m	1.21E-12	6.04E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177	1.22E-16	6.09E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177m	2.03E-14	1.02E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-178	7.04E-09	3.52E-09	5.52E-16	2.76E-16	0.00E+00	0.00E+00	0.00E+00
Lu-178m	5.78E-14	2.89E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-179	4.00E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-180	4.96E-09	2.48E-09	9.03E-16	4.51E-16	0.00E+00	0.00E+00	0.00E+00
Lu-181	3.67E-11	1.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-27	3.39E-10	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28	5.18E-09	2.59E-09	4.81E-17	2.40E-17	0.00E+00	0.00E+00	0.00E+00
Mn-50m	2.51E-08	1.25E-08	1.88E-13	9.40E-14	0.00E+00	0.00E+00	0.00E+00
Mn-51	2.62E-08	1.31E-08	8.92E-14	4.46E-14	0.00E+00	0.00E+00	0.00E+00
Mn-52	5.67E-09	2.84E-09	3.80E-17	1.90E-17	0.00E+00	0.00E+00	0.00E+00
Mn-52m	1.39E-08	6.93E-09	5.76E-14	2.88E-14	0.00E+00	0.00E+00	0.00E+00
Mn-53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-54	1.55E-10	7.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-56	6.74E-08	3.37E-08	3.92E-13	1.96E-13	0.00E+00	0.00E+00	0.00E+00
Mn-57	2.30E-09	1.15E-09	5.71E-16	2.86E-16	0.00E+00	0.00E+00	0.00E+00
Mn-58m	5.33E-08	2.66E-08	8.69E-13	4.34E-13	0.00E+00	0.00E+00	0.00E+00
Mo-101	2.39E-08	1.19E-08	5.11E-14	2.56E-14	0.00E+00	0.00E+00	0.00E+00
Mo-102	5.43E-16	2.71E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-89	5.67E-08	2.83E-08	3.24E-13	1.62E-13	0.00E+00	0.00E+00	0.00E+00
Mo-90	1.28E-09	6.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-91m	1.02E-08	5.09E-09	2.12E-14	1.06E-14	0.00E+00	0.00E+00	0.00E+00
Mo-91	2.84E-07	1.42E-07	3.88E-12	1.94E-12	0.00E+00	0.00E+00	0.00E+00
Mo-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-93m	8.75E-09	4.38E-09	8.11E-16	4.05E-16	0.00E+00	0.00E+00	0.00E+00
Mo-99	4.03E-11	2.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
N-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-16	1.68E-05	8.42E-06	3.55E-09	1.78E-09	8.76E-13	8.12E-16	0.00E+00
Na-22	3.99E-09	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Na-24	5.09E-07	2.55E-07	4.81E-12	2.40E-12	0.00E+00	0.00E+00	0.00E+00
Nb-87	9.64E-18	4.82E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-88m	1.88E-08	9.38E-09	1.28E-13	6.42E-14	0.00E+00	0.00E+00	0.00E+00
Nb-88	2.23E-09	1.11E-09	6.57E-15	3.28E-15	0.00E+00	0.00E+00	0.00E+00
Nb-89	4.54E-07	2.27E-07	5.80E-12	2.90E-12	0.00E+00	0.00E+00	0.00E+00
Nb-89m	1.44E-10	7.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-90	1.70E-07	8.50E-08	1.00E-12	5.01E-13	0.00E+00	0.00E+00	0.00E+00
Nb-91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-91m	4.02E-10	2.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92	2.17E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92m	1.19E-09	5.97E-10	4.60E-16	2.30E-16	0.00E+00	0.00E+00	0.00E+00
Nb-93m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94m	1.05E-11	5.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94	1.52E-10	7.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95	5.04E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95m	5.11E-14	2.56E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-96	9.19E-10	4.60E-10	5.81E-18	2.90E-18	0.00E+00	0.00E+00	0.00E+00
Nb-97	9.88E-11	4.94E-11	3.60E-18	1.80E-18	0.00E+00	0.00E+00	0.00E+00
Nb-98m	1.54E-08	7.71E-09	5.02E-14	2.51E-14	0.00E+00	0.00E+00	0.00E+00
Nb-99	1.12E-19	5.60E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-99m	3.13E-07	1.57E-07	2.72E-12	1.36E-12	0.00E+00	0.00E+00	0.00E+00
Nd-134	7.42E-11	3.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-135	3.10E-09	1.55E-09	1.12E-15	5.61E-16	0.00E+00	0.00E+00	0.00E+00
Nd-136	2.07E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-137	1.79E-08	8.96E-09	5.69E-14	2.85E-14	0.00E+00	0.00E+00	0.00E+00
Nd-138	7.68E-15	3.84E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139	1.62E-09	8.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139m	8.19E-09	4.09E-09	2.47E-14	1.24E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-141	6.02E-10	3.01E-10	9.85E-18	4.93E-18	0.00E+00	0.00E+00	0.00E+00
Nd-141m	6.20E-11	3.10E-11	7.43E-18	3.71E-18	0.00E+00	0.00E+00	0.00E+00
Nd-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-147	2.09E-12	1.05E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-149	3.03E-11	1.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-151	3.92E-09	1.96E-09	2.39E-15	1.20E-15	0.00E+00	0.00E+00	0.00E+00
Nd-152	6.77E-13	3.39E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-19	5.69E-09	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-24	3.16E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-56	2.03E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-57	2.47E-08	1.23E-08	2.70E-14	1.35E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ni-59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-65	1.05E-08	5.25E-09	3.30E-16	1.65E-16	0.00E+00	0.00E+00	0.00E+00
Ni-66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-232	5.92E-10	2.96E-10	2.29E-16	1.15E-16	0.00E+00	0.00E+00	0.00E+00
Np-233	5.85E-14	2.93E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-234	1.10E-08	5.52E-09	2.92E-16	1.46E-16	0.00E+00	0.00E+00	0.00E+00
Np-235	2.57E-26	1.28E-26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236	6.46E-15	3.23E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236m	1.00E-12	5.01E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237	9.46E-19	4.73E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-238	5.38E-10	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-239	4.99E-16	2.49E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240	2.48E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240m	2.12E-09	1.06E-09	3.58E-16	1.79E-16	0.00E+00	0.00E+00	0.00E+00
Np-241	4.97E-12	2.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-242	2.57E-08	1.29E-08	3.92E-14	1.96E-14	0.00E+00	0.00E+00	0.00E+00
Np-242m	1.46E-10	7.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-14	3.02E-07	1.51E-07	1.83E-12	9.17E-13	0.00E+00	0.00E+00	0.00E+00
O-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-19	2.09E-08	1.04E-08	7.64E-13	3.82E-13	0.00E+00	0.00E+00	0.00E+00
Os-180	4.17E-12	2.09E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-181	1.59E-08	7.96E-09	5.32E-14	2.66E-14	0.00E+00	0.00E+00	0.00E+00
Os-182	6.51E-13	3.25E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-183	4.47E-10	2.24E-10	2.34E-17	1.17E-17	0.00E+00	0.00E+00	0.00E+00
Os-183m	1.74E-09	8.70E-10	2.19E-16	1.09E-16	0.00E+00	0.00E+00	0.00E+00
Os-185	4.47E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-189m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-190m	3.13E-12	1.56E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191	1.16E-20	5.79E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-193	1.21E-12	6.04E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-196	1.27E-12	6.35E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-30	2.81E-07	1.40E-07	2.45E-12	1.23E-12	0.00E+00	0.00E+00	0.00E+00
P-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-227	3.19E-22	1.60E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-228	5.81E-09	2.91E-09	2.28E-15	1.14E-15	0.00E+00	0.00E+00	0.00E+00
Pa-229	3.54E-22	1.77E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-230	2.29E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-231	2.98E-15	1.49E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-232	2.45E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-233	3.53E-15	1.77E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-234	2.61E-09	1.30E-09	8.68E-16	4.34E-16	0.00E+00	0.00E+00	0.00E+00
Pa-234m	5.84E-09	2.92E-09	2.55E-15	1.28E-15	0.00E+00	0.00E+00	0.00E+00
Pa-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-236	2.59E-08	1.30E-08	3.36E-14	1.68E-14	0.00E+00	0.00E+00	0.00E+00
Pa-237	2.46E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-194	9.51E-09	4.76E-09	2.04E-14	1.02E-14	0.00E+00	0.00E+00	0.00E+00
Pb-195m	1.39E-09	6.96E-10	5.73E-16	2.86E-16	0.00E+00	0.00E+00	0.00E+00
Pb-196	2.75E-11	1.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-197	3.51E-08	1.75E-08	1.50E-13	7.49E-14	0.00E+00	0.00E+00	0.00E+00
Pb-197m	2.88E-09	1.44E-09	8.53E-15	4.26E-15	0.00E+00	0.00E+00	0.00E+00
Pb-198	2.21E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-199	1.98E-08	9.91E-09	6.45E-14	3.23E-14	0.00E+00	0.00E+00	0.00E+00
Pb-200	9.92E-14	4.96E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-201	5.30E-10	2.65E-10	1.73E-17	8.66E-18	0.00E+00	0.00E+00	0.00E+00
Pb-201m	7.56E-12	3.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202m	2.00E-10	9.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-203	3.14E-13	1.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-204m	2.66E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-211	1.20E-10	6.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-212	6.86E-16	3.43E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-214	4.47E-12	2.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-100	5.20E-21	2.60E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-101	6.02E-10	3.01E-10	3.65E-17	1.83E-17	0.00E+00	0.00E+00	0.00E+00
Pd-103	7.29E-17	3.64E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109m	5.36E-19	2.68E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109	1.77E-13	8.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-111	4.39E-09	2.20E-09	9.03E-17	4.52E-17	0.00E+00	0.00E+00	0.00E+00
Pd-112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-114	1.93E-15	9.65E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-96	1.84E-09	9.18E-10	2.89E-16	1.44E-16	0.00E+00	0.00E+00	0.00E+00
Pd-97	1.46E-07	7.29E-08	1.70E-12	8.49E-13	0.00E+00	0.00E+00	0.00E+00
Pd-98	1.58E-10	7.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-99	5.01E-08	2.50E-08	2.92E-13	1.46E-13	0.00E+00	0.00E+00	0.00E+00
Pm-136	1.71E-10	8.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-137m	1.01E-09	5.07E-10	1.33E-17	6.67E-18	0.00E+00	0.00E+00	0.00E+00
Pm-139	2.16E-08	1.08E-08	7.54E-14	3.77E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pm-140m	2.85E-09	1.42E-09	9.67E-15	4.83E-15	0.00E+00	0.00E+00	0.00E+00
Pm-140	1.34E-08	6.69E-09	5.80E-14	2.90E-14	0.00E+00	0.00E+00	0.00E+00
Pm-141	3.41E-08	1.70E-08	1.53E-13	7.65E-14	0.00E+00	0.00E+00	0.00E+00
Pm-142	6.47E-08	3.24E-08	5.51E-13	2.75E-13	0.00E+00	0.00E+00	0.00E+00
Pm-143	3.33E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-144	1.76E-11	8.79E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-146	2.33E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-147	9.53E-23	4.77E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-148	8.06E-09	4.03E-09	2.55E-15	1.28E-15	0.00E+00	0.00E+00	0.00E+00
Pm-148m	1.04E-10	5.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-149	2.91E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-150	2.70E-08	1.35E-08	1.45E-13	7.26E-14	0.00E+00	0.00E+00	0.00E+00
Pm-151	1.87E-11	9.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-152m	1.12E-08	5.59E-09	4.31E-14	2.15E-14	0.00E+00	0.00E+00	0.00E+00
Pm-152	3.06E-08	1.53E-08	1.67E-13	8.34E-14	0.00E+00	0.00E+00	0.00E+00
Pm-153	2.92E-12	1.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-154	9.56E-08	4.78E-08	5.21E-13	2.61E-13	0.00E+00	0.00E+00	0.00E+00
Pm-154m	1.77E-08	8.86E-09	3.50E-14	1.75E-14	0.00E+00	0.00E+00	0.00E+00
Po-203	1.83E-08	9.14E-09	1.03E-13	5.16E-14	0.00E+00	0.00E+00	0.00E+00
Po-204	2.60E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-205	1.24E-08	6.20E-09	5.07E-14	2.54E-14	0.00E+00	0.00E+00	0.00E+00
Po-206	3.55E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-207	3.43E-09	1.72E-09	7.64E-15	3.82E-15	0.00E+00	0.00E+00	0.00E+00
Po-208	5.60E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-209	1.23E-10	6.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-210	8.14E-11	4.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-211	1.89E-10	9.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-212m	4.70E-07	2.35E-07	3.91E-12	1.95E-12	0.00E+00	0.00E+00	0.00E+00
Po-212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-213	5.32E-11	2.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-214	7.22E-11	3.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-215	2.05E-13	1.03E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-216	8.61E-11	4.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-134	2.02E-08	1.01E-08	1.18E-13	5.90E-14	0.00E+00	0.00E+00	0.00E+00
Pr-134m	5.63E-08	2.81E-08	2.31E-13	1.16E-13	0.00E+00	0.00E+00	0.00E+00
Pr-135	1.30E-08	6.49E-09	4.15E-14	2.07E-14	0.00E+00	0.00E+00	0.00E+00
Pr-136	9.17E-08	4.58E-08	1.10E-12	5.51E-13	0.00E+00	0.00E+00	0.00E+00
Pr-137	1.22E-08	6.11E-09	3.58E-14	1.79E-14	0.00E+00	0.00E+00	0.00E+00
Pr-138	2.35E-08	1.17E-08	1.50E-13	7.51E-14	0.00E+00	0.00E+00	0.00E+00
Pr-138m	1.58E-09	7.92E-10	2.26E-15	1.13E-15	0.00E+00	0.00E+00	0.00E+00
Pr-139	3.18E-09	1.59E-09	1.09E-15	5.47E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pr-140	6.02E-09	3.01E-09	2.51E-14	1.26E-14	0.00E+00	0.00E+00	0.00E+00
Pr-142	1.88E-08	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-142m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-143	4.41E-11	2.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-144	1.10E-07	5.49E-08	5.57E-13	2.79E-13	0.00E+00	0.00E+00	0.00E+00
Pr-144m	5.29E-10	2.65E-10	2.10E-16	1.05E-16	0.00E+00	0.00E+00	0.00E+00
Pr-145	6.02E-10	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-146	7.42E-08	3.71E-08	7.53E-13	3.76E-13	0.00E+00	0.00E+00	0.00E+00
Pr-147	6.01E-09	3.00E-09	2.06E-14	1.03E-14	0.00E+00	0.00E+00	0.00E+00
Pr-148	6.69E-08	3.34E-08	5.13E-13	2.57E-13	0.00E+00	0.00E+00	0.00E+00
Pr-148m	1.36E-09	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-184	6.01E-12	3.01E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-186	1.82E-11	9.08E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-187	3.28E-10	1.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-188	1.77E-14	8.85E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-189	1.01E-09	5.03E-10	1.80E-16	8.99E-17	0.00E+00	0.00E+00	0.00E+00
Pt-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-191	9.00E-13	4.50E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193m	2.72E-22	1.36E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-195m	2.46E-19	1.23E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197	9.37E-18	4.69E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197m	1.19E-15	5.94E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-199	3.46E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-200	3.34E-15	1.67E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-235	6.55E-12	3.27E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-236	1.80E-13	9.00E-14	1.84E-17	9.19E-18	3.55E-21	1.13E-23	0.00E+00
Pu-237	1.99E-18	9.93E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	2.98E-13	1.49E-13	2.88E-17	1.44E-17	5.31E-21	1.67E-23	0.00E+00
Pu-239	9.59E-16	4.80E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	1.10E-11	5.51E-12	1.01E-15	5.04E-16	1.76E-19	5.45E-22	0.00E+00
Pu-241	1.86E-20	9.28E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-242	1.40E-09	7.00E-10	1.21E-13	6.05E-14	1.99E-17	6.08E-20	0.00E+00
Pu-243	5.72E-16	2.86E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244	2.40E-07	1.20E-07	1.98E-11	9.92E-12	3.10E-15	9.33E-18	0.00E+00
Pu-245	1.24E-10	6.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-246	5.76E-17	2.88E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-219	2.56E-12	1.28E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-220	3.11E-13	1.56E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221	4.66E-15	2.33E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ra-222	3.78E-13	1.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223	6.98E-14	3.49E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224	4.37E-14	2.19E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_226	2.80E-09	1.40E-09	2.54E-15	1.27E-15	0.00E+00	0.00E+00	0.00E+00
Ra-227	2.99E-12	1.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_228	2.60E-12	1.30E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-230	1.15E-13	5.74E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-77	3.69E-08	1.85E-08	2.98E-13	1.49E-13	0.00E+00	0.00E+00	0.00E+00
Rb-78m	1.28E-07	6.42E-08	1.88E-12	9.42E-13	0.00E+00	0.00E+00	0.00E+00
Rb-78	1.52E-06	7.62E-07	7.74E-11	3.87E-11	5.67E-15	0.00E+00	0.00E+00
Rb-79	1.18E-08	5.92E-09	8.18E-14	4.09E-14	0.00E+00	0.00E+00	0.00E+00
Rb-80	1.16E-10	5.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-81	4.24E-10	2.12E-10	2.58E-17	1.29E-17	0.00E+00	0.00E+00	0.00E+00
Rb-81m	7.24E-10	3.62E-10	2.91E-16	1.46E-16	0.00E+00	0.00E+00	0.00E+00
Rb-82	9.14E-09	4.57E-09	7.89E-14	3.94E-14	0.00E+00	0.00E+00	0.00E+00
Rb-82m	3.42E-09	1.71E-09	5.93E-15	2.97E-15	0.00E+00	0.00E+00	0.00E+00
Rb-83	2.62E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-84	1.52E-09	7.58E-10	7.11E-16	3.55E-16	0.00E+00	0.00E+00	0.00E+00
Rb-84m	1.23E-13	6.15E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86m	4.53E-12	2.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86	1.36E-09	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-88	2.15E-07	1.07E-07	7.24E-12	3.62E-12	0.00E+00	0.00E+00	0.00E+00
Rb-89	1.58E-07	7.88E-08	2.24E-12	1.12E-12	0.00E+00	0.00E+00	0.00E+00
Rb-90	3.05E-06	1.53E-06	2.10E-10	1.05E-10	7.13E-15	0.00E+00	0.00E+00
Rb-90m	8.79E-07	4.40E-07	3.30E-11	1.65E-11	0.00E+00	0.00E+00	0.00E+00
Re-178	5.21E-07	2.60E-07	9.66E-12	4.83E-12	0.00E+00	0.00E+00	0.00E+00
Re-179	1.02E-08	5.09E-09	3.66E-15	1.83E-15	0.00E+00	0.00E+00	0.00E+00
Re-180	4.45E-09	2.22E-09	2.30E-14	1.15E-14	0.00E+00	0.00E+00	0.00E+00
Re-181	7.18E-10	3.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-182	2.15E-09	1.07E-09	6.69E-19	3.34E-19	0.00E+00	0.00E+00	0.00E+00
Re-182m	9.36E-09	4.68E-09	2.29E-14	1.14E-14	0.00E+00	0.00E+00	0.00E+00
Re-183	1.45E-16	7.23E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184	1.93E-10	9.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184m	1.69E-10	8.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186	3.98E-13	1.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m	1.15E-23	5.76E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-188	2.25E-09	1.13E-09	8.94E-16	4.47E-16	0.00E+00	0.00E+00	0.00E+00
Re-188m	2.69E-21	1.34E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-189	4.20E-13	2.10E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-190	1.01E-09	5.04E-10	1.01E-15	5.03E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Re-190m	4.82E-10	2.41E-10	1.37E-16	6.87E-17	0.00E+00	0.00E+00	0.00E+00
Rh-100m	2.55E-09	1.28E-09	1.10E-15	5.51E-16	0.00E+00	0.00E+00	0.00E+00
Rh-100	1.05E-07	5.27E-08	6.36E-13	3.18E-13	0.00E+00	0.00E+00	0.00E+00
Rh-101	6.67E-16	3.33E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-101m	2.19E-13	1.10E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-102	7.61E-10	3.80E-10	1.67E-15	8.34E-16	0.00E+00	0.00E+00	0.00E+00
Rh-102m	3.68E-10	1.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-103m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-104	3.01E-10	1.51E-10	4.33E-17	2.17E-17	0.00E+00	0.00E+00	0.00E+00
Rh-104m	3.76E-12	1.88E-12	4.03E-19	2.02E-19	0.00E+00	0.00E+00	0.00E+00
Rh-105	3.58E-15	1.79E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-106	4.70E-09	2.35E-09	2.66E-14	1.33E-14	0.00E+00	0.00E+00	0.00E+00
Rh-106m	3.98E-09	1.99E-09	6.34E-16	3.17E-16	0.00E+00	0.00E+00	0.00E+00
Rh-107	6.43E-12	3.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-108	1.57E-11	7.84E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-109	3.01E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-94	9.39E-08	4.70E-08	1.15E-12	5.75E-13	0.00E+00	0.00E+00	0.00E+00
Rh-95	2.17E-07	1.09E-07	4.98E-12	2.49E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95m	9.59E-07	4.80E-07	4.42E-11	2.21E-11	0.00E+00	0.00E+00	0.00E+00
Rh-96	2.69E-08	1.35E-08	2.62E-13	1.31E-13	0.00E+00	0.00E+00	0.00E+00
Rh-96m	7.02E-08	3.51E-08	5.07E-13	2.53E-13	0.00E+00	0.00E+00	0.00E+00
Rh-97	5.78E-08	2.89E-08	7.37E-13	3.69E-13	0.00E+00	0.00E+00	0.00E+00
Rh-97m	2.18E-07	1.09E-07	2.67E-12	1.33E-12	0.00E+00	0.00E+00	0.00E+00
Rh-98	3.11E-08	1.56E-08	1.89E-13	9.43E-14	0.00E+00	0.00E+00	0.00E+00
Rh-99	1.08E-09	5.41E-10	5.04E-16	2.52E-16	0.00E+00	0.00E+00	0.00E+00
Rh-99m	6.92E-10	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-207	3.85E-09	1.92E-09	2.62E-14	1.31E-14	0.00E+00	0.00E+00	0.00E+00
Rn-209	4.71E-08	2.36E-08	3.74E-13	1.87E-13	0.00E+00	0.00E+00	0.00E+00
Rn-210	2.00E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-211	3.34E-09	1.67E-09	7.82E-16	3.91E-16	0.00E+00	0.00E+00	0.00E+00
Rn-212	2.79E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-218	7.88E-12	3.94E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219	3.39E-13	1.70E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222	1.16E-12	5.78E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-223	6.83E-10	3.42E-10	2.26E-18	1.13E-18	0.00E+00	0.00E+00	0.00E+00
Ru-103	9.98E-13	4.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-105	1.80E-10	8.99E-11	3.85E-17	1.92E-17	0.00E+00	0.00E+00	0.00E+00
Ru-106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-107	1.01E-08	5.04E-09	3.46E-14	1.73E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ru-108	4.33E-19	2.16E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-92	2.46E-08	1.23E-08	1.15E-13	5.76E-14	0.00E+00	0.00E+00	0.00E+00
Ru-94	9.72E-11	4.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-95	1.37E-08	6.84E-09	5.79E-14	2.89E-14	0.00E+00	0.00E+00	0.00E+00
Ru-97	4.74E-13	2.37E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-37	1.29E-06	6.47E-07	1.38E-11	6.92E-12	0.00E+00	0.00E+00	0.00E+00
S-38	1.01E-07	5.07E-08	2.01E-13	1.01E-13	0.00E+00	0.00E+00	0.00E+00
Sb-111	1.30E-09	6.48E-10	4.23E-16	2.11E-16	0.00E+00	0.00E+00	0.00E+00
Sb-113	7.13E-09	3.57E-09	8.62E-14	4.31E-14	0.00E+00	0.00E+00	0.00E+00
Sb-114	4.00E-08	2.00E-08	7.75E-13	3.88E-13	0.00E+00	0.00E+00	0.00E+00
Sb-115	1.96E-09	9.82E-10	6.50E-15	3.25E-15	0.00E+00	0.00E+00	0.00E+00
Sb-116	6.41E-08	3.20E-08	4.41E-13	2.20E-13	0.00E+00	0.00E+00	0.00E+00
Sb-116m	2.33E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-117	8.41E-11	4.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-118	6.21E-09	3.11E-09	2.70E-14	1.35E-14	0.00E+00	0.00E+00	0.00E+00
Sb-118m	1.70E-09	8.48E-10	1.44E-16	7.22E-17	0.00E+00	0.00E+00	0.00E+00
Sb-119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120	4.81E-10	2.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120m	1.33E-09	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122	1.20E-10	5.99E-11	7.49E-18	3.74E-18	0.00E+00	0.00E+00	0.00E+00
Sb-124	2.71E-08	1.36E-08	4.39E-14	2.19E-14	0.00E+00	0.00E+00	0.00E+00
Sb-124m	2.60E-11	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-124n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-125	4.23E-12	2.11E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126	1.00E-10	5.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126m	7.71E-11	3.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-127	7.97E-11	3.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-128	5.67E-10	2.83E-10	1.23E-16	6.16E-17	0.00E+00	0.00E+00	0.00E+00
Sb-128m	2.39E-10	1.20E-10	1.32E-17	6.62E-18	0.00E+00	0.00E+00	0.00E+00
Sb-129	1.14E-08	5.68E-09	1.46E-14	7.28E-15	0.00E+00	0.00E+00	0.00E+00
Sb-130m	6.46E-09	3.23E-09	3.80E-14	1.90E-14	0.00E+00	0.00E+00	0.00E+00
Sb-130	3.97E-09	1.99E-09	2.09E-15	1.04E-15	0.00E+00	0.00E+00	0.00E+00
Sb-131	4.08E-08	2.04E-08	2.01E-13	1.01E-13	0.00E+00	0.00E+00	0.00E+00
Sb-133	1.24E-07	6.20E-08	9.84E-13	4.92E-13	0.00E+00	0.00E+00	0.00E+00
Sc-42m	9.38E-09	4.69E-09	4.58E-15	2.29E-15	0.00E+00	0.00E+00	0.00E+00
Sc-43	2.54E-10	1.27E-10	1.29E-16	6.44E-17	0.00E+00	0.00E+00	0.00E+00
Sc-44	3.72E-09	1.86E-09	1.30E-14	6.50E-15	0.00E+00	0.00E+00	0.00E+00
Sc-44m	2.06E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-46	1.12E-09	5.59E-10	1.65E-20	8.24E-21	0.00E+00	0.00E+00	0.00E+00
Sc-47	5.59E-19	2.80E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-48	2.77E-09	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sc-49	5.12E-08	2.56E-08	2.32E-14	1.16E-14	0.00E+00	0.00E+00	0.00E+00
Sc-50	1.73E-08	8.65E-09	1.03E-13	5.17E-14	0.00E+00	0.00E+00	0.00E+00
Se-70	3.17E-10	1.58E-10	2.48E-17	1.24E-17	0.00E+00	0.00E+00	0.00E+00
Se-71	3.14E-08	1.57E-08	3.42E-13	1.71E-13	0.00E+00	0.00E+00	0.00E+00
Se-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-73	4.07E-10	2.03E-10	9.05E-16	4.52E-16	0.00E+00	0.00E+00	0.00E+00
Se-73m	8.99E-10	4.49E-10	2.37E-15	1.19E-15	0.00E+00	0.00E+00	0.00E+00
Se-75	5.64E-15	2.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-77m	3.20E-19	1.60E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81	6.03E-11	3.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81m	1.81E-15	9.06E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-83m	3.46E-08	1.73E-08	1.19E-13	5.95E-14	0.00E+00	0.00E+00	0.00E+00
Se-83	4.11E-08	2.05E-08	1.87E-13	9.37E-14	0.00E+00	0.00E+00	0.00E+00
Se-84	7.49E-14	3.75E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-31	3.49E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-139	3.68E-08	1.84E-08	2.93E-13	1.46E-13	0.00E+00	0.00E+00	0.00E+00
Sm-140	5.82E-09	2.91E-09	2.18E-15	1.09E-15	0.00E+00	0.00E+00	0.00E+00
Sm-141	1.63E-08	8.14E-09	2.15E-14	1.08E-14	0.00E+00	0.00E+00	0.00E+00
Sm-141m	1.08E-08	5.39E-09	1.13E-14	5.65E-15	0.00E+00	0.00E+00	0.00E+00
Sm-142	2.33E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-143	1.11E-08	5.54E-09	5.96E-14	2.98E-14	0.00E+00	0.00E+00	0.00E+00
Sm-143m	4.70E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-145	4.06E-17	2.03E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-153	5.12E-14	2.56E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-155	6.04E-11	3.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-156	2.01E-16	1.01E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-157	2.13E-09	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-106	8.00E-10	4.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-108	4.50E-10	2.25E-10	1.93E-16	9.63E-17	0.00E+00	0.00E+00	0.00E+00
Sn-109	9.06E-08	4.53E-08	7.55E-13	3.77E-13	0.00E+00	0.00E+00	0.00E+00
Sn-110	1.27E-15	6.34E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-111	3.72E-08	1.86E-08	1.29E-13	6.46E-14	0.00E+00	0.00E+00	0.00E+00
Sn-113	6.30E-16	3.15E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-117m	3.23E-19	1.61E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-119m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sn-121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123	1.46E-09	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123m	4.32E-15	2.16E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-125m	7.45E-10	3.73E-10	1.87E-16	9.35E-17	0.00E+00	0.00E+00	0.00E+00
Sn-125	1.54E-08	7.72E-09	3.03E-14	1.52E-14	0.00E+00	0.00E+00	0.00E+00
Sn-126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127m	2.53E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127	5.68E-08	2.84E-08	4.31E-13	2.15E-13	0.00E+00	0.00E+00	0.00E+00
Sn-128	4.23E-12	2.12E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-129	9.68E-09	4.84E-09	3.91E-14	1.96E-14	0.00E+00	0.00E+00	0.00E+00
Sn-130	5.02E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-130m	9.58E-09	4.79E-09	1.93E-14	9.64E-15	0.00E+00	0.00E+00	0.00E+00
Sr-79	9.20E-13	4.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-80	3.63E-12	1.81E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-81	1.16E-09	5.79E-10	1.63E-16	8.16E-17	0.00E+00	0.00E+00	0.00E+00
Sr-82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-83	5.04E-09	2.52E-09	8.94E-15	4.47E-15	0.00E+00	0.00E+00	0.00E+00
Sr-85	1.16E-12	5.82E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-85m	2.02E-14	1.01E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-87m	9.89E-15	4.95E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-89	3.32E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-91	1.21E-09	6.06E-10	4.29E-16	2.14E-16	0.00E+00	0.00E+00	0.00E+00
Sr-92	9.31E-09	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-93	5.59E-08	2.79E-08	3.87E-13	1.94E-13	0.00E+00	0.00E+00	0.00E+00
Sr-94	1.35E-08	6.74E-09	1.01E-14	5.07E-15	0.00E+00	0.00E+00	0.00E+00
Ta-170	6.48E-10	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-172	2.46E-08	1.23E-08	3.52E-13	1.76E-13	0.00E+00	0.00E+00	0.00E+00
Ta-173	2.57E-08	1.28E-08	1.64E-13	8.22E-14	0.00E+00	0.00E+00	0.00E+00
Ta-174	6.83E-08	3.42E-08	5.85E-13	2.93E-13	0.00E+00	0.00E+00	0.00E+00
Ta-175	1.42E-08	7.08E-09	5.40E-15	2.70E-15	0.00E+00	0.00E+00	0.00E+00
Ta-176	1.06E-07	5.28E-08	8.36E-13	4.18E-13	0.00E+00	0.00E+00	0.00E+00
Ta-177	2.56E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-178	1.91E-09	9.54E-10	4.04E-18	2.02E-18	0.00E+00	0.00E+00	0.00E+00
Ta-178m	5.03E-14	2.52E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182	2.01E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182m	1.75E-16	8.73E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-183	1.25E-15	6.23E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-184	2.58E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-185	2.00E-11	9.98E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ta-186	3.18E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-146	1.52E-07	7.60E-08	1.48E-12	7.39E-13	0.00E+00	0.00E+00	0.00E+00
Tb-147m	9.86E-08	4.93E-08	1.18E-12	5.88E-13	0.00E+00	0.00E+00	0.00E+00
Tb-147	4.45E-08	2.22E-08	3.45E-13	1.72E-13	0.00E+00	0.00E+00	0.00E+00
Tb-148m	1.74E-09	8.69E-10	3.50E-15	1.75E-15	0.00E+00	0.00E+00	0.00E+00
Tb-148	1.89E-07	9.43E-08	3.86E-12	1.93E-12	0.00E+00	0.00E+00	0.00E+00
Tb-149m	1.23E-09	6.15E-10	4.40E-16	2.20E-16	0.00E+00	0.00E+00	0.00E+00
Tb-149	7.58E-08	3.79E-08	7.12E-13	3.56E-13	0.00E+00	0.00E+00	0.00E+00
Tb-150m	2.72E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-150	4.33E-07	2.17E-07	1.23E-11	6.14E-12	0.00E+00	0.00E+00	0.00E+00
Tb-151	2.14E-09	1.07E-09	1.48E-15	7.41E-16	0.00E+00	0.00E+00	0.00E+00
Tb-151m	2.36E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152m	2.00E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152	1.14E-07	5.72E-08	9.92E-13	4.96E-13	0.00E+00	0.00E+00	0.00E+00
Tb-153	1.37E-10	6.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-154	1.87E-07	9.33E-08	1.54E-12	7.69E-13	0.00E+00	0.00E+00	0.00E+00
Tb-155	3.71E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156	6.72E-09	3.36E-09	3.81E-15	1.91E-15	0.00E+00	0.00E+00	0.00E+00
Tb-156m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-158	3.86E-10	1.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-160	1.13E-09	5.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-161	7.16E-15	3.58E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-162	5.12E-10	2.56E-10	7.30E-16	3.65E-16	0.00E+00	0.00E+00	0.00E+00
Tb-163	4.12E-12	2.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-164	3.06E-08	1.53E-08	1.86E-13	9.28E-14	0.00E+00	0.00E+00	0.00E+00
Tb-165	1.04E-08	5.22E-09	2.26E-15	1.13E-15	0.00E+00	0.00E+00	0.00E+00
Tc-101	4.75E-12	2.37E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-102m	6.55E-08	3.28E-08	3.32E-13	1.66E-13	0.00E+00	0.00E+00	0.00E+00
Tc-102	3.33E-08	1.66E-08	1.96E-13	9.82E-14	0.00E+00	0.00E+00	0.00E+00
Tc-104	2.28E-07	1.14E-07	3.41E-12	1.70E-12	0.00E+00	0.00E+00	0.00E+00
Tc-105	2.51E-08	1.26E-08	9.71E-14	4.86E-14	0.00E+00	0.00E+00	0.00E+00
Tc-91	3.62E-07	1.81E-07	7.11E-12	3.55E-12	0.00E+00	0.00E+00	0.00E+00
Tc-91m	5.53E-09	2.76E-09	6.14E-15	3.07E-15	0.00E+00	0.00E+00	0.00E+00
Tc-92	4.45E-08	2.23E-08	8.52E-13	4.26E-13	0.00E+00	0.00E+00	0.00E+00
Tc-93	1.79E-08	8.97E-09	6.82E-14	3.41E-14	0.00E+00	0.00E+00	0.00E+00
Tc-93m	4.12E-07	2.06E-07	4.25E-12	2.12E-12	0.00E+00	0.00E+00	0.00E+00
Tc-94	5.50E-10	2.75E-10	5.75E-17	2.87E-17	0.00E+00	0.00E+00	0.00E+00
Tc-94m	1.09E-07	5.46E-08	1.19E-12	5.95E-13	0.00E+00	0.00E+00	0.00E+00
Tc-95	1.09E-10	5.43E-11	8.34E-20	4.17E-20	0.00E+00	0.00E+00	0.00E+00
Tc-95m	1.07E-10	5.35E-11	3.66E-18	1.83E-18	0.00E+00	0.00E+00	0.00E+00
Tc-96	2.41E-10	1.21E-10	3.46E-20	1.73E-20	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Tc-96m	1.10E-09	5.48E-10	2.85E-16	1.43E-16	0.00E+00	0.00E+00	0.00E+00
Tc-97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-97m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-98	3.19E-11	1.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99m	2.58E-19	1.29E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-113	7.85E-08	3.93E-08	4.73E-13	2.36E-13	0.00E+00	0.00E+00	0.00E+00
Te-114	2.51E-08	1.26E-08	3.92E-14	1.96E-14	0.00E+00	0.00E+00	0.00E+00
Te-115	3.13E-08	1.57E-08	3.62E-13	1.81E-13	0.00E+00	0.00E+00	0.00E+00
Te-115m	3.82E-08	1.91E-08	1.60E-13	8.02E-14	0.00E+00	0.00E+00	0.00E+00
Te-116	3.65E-11	1.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-117	6.23E-08	3.12E-08	3.25E-13	1.62E-13	0.00E+00	0.00E+00	0.00E+00
Te-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-119	4.16E-09	2.08E-09	1.81E-15	9.05E-16	0.00E+00	0.00E+00	0.00E+00
Te-119m	1.12E-08	5.60E-09	3.62E-14	1.81E-14	0.00E+00	0.00E+00	0.00E+00
Te-121	4.04E-12	2.02E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-121m	1.52E-10	7.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123m	3.49E-19	1.75E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-125m	1.05E-27	5.25E-28	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127	9.52E-14	4.76E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127m	2.76E-14	1.38E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129	1.29E-10	6.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129m	2.63E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-131	7.12E-10	3.56E-10	2.45E-16	1.23E-16	0.00E+00	0.00E+00	0.00E+00
Te-131m	6.99E-09	3.49E-09	1.55E-14	7.77E-15	0.00E+00	0.00E+00	0.00E+00
Te-132	2.12E-16	1.06E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-133	4.30E-08	2.15E-08	2.36E-13	1.18E-13	0.00E+00	0.00E+00	0.00E+00
Te-133m	1.77E-08	8.84E-09	9.22E-14	4.61E-14	0.00E+00	0.00E+00	0.00E+00
Te-134	3.30E-11	1.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-223	2.08E-16	1.04E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-224	7.85E-15	3.92E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-226	6.31E-15	3.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-227	7.89E-14	3.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-228	9.75E-16	4.87E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229	5.01E-18	2.50E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-230	1.93E-07	9.66E-08	1.13E-12	5.63E-13	0.00E+00	0.00E+00	0.00E+00
Th-231	2.69E-19	1.35E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-233	1.97E-11	9.83E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-234	4.26E-22	2.13E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-235	5.11E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-236	4.22E-12	2.11E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ti-44	2.98E-22	1.49E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-45	5.12E-09	2.56E-09	1.07E-15	5.34E-16	0.00E+00	0.00E+00	0.00E+00
Ti-51	6.20E-11	3.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190	9.68E-10	4.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190m	5.99E-10	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194	1.21E-10	6.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194m	1.63E-09	8.13E-10	5.89E-16	2.95E-16	0.00E+00	0.00E+00	0.00E+00
Tl-195	5.09E-08	2.54E-08	2.48E-13	1.24E-13	0.00E+00	0.00E+00	0.00E+00
Tl-196	4.51E-08	2.26E-08	1.69E-13	8.47E-14	0.00E+00	0.00E+00	0.00E+00
Tl-197	2.96E-09	1.48E-09	3.03E-16	1.52E-16	0.00E+00	0.00E+00	0.00E+00
Tl-198	6.02E-08	3.01E-08	3.18E-13	1.59E-13	0.00E+00	0.00E+00	0.00E+00
Tl-198m	5.88E-11	2.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-199	4.33E-11	2.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-200	3.40E-09	1.70E-09	1.76E-15	8.78E-16	0.00E+00	0.00E+00	0.00E+00
Tl-201	4.81E-20	2.40E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-202	6.47E-13	3.23E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206m	2.65E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206	1.63E-11	8.13E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-207	3.05E-10	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-208	4.17E-07	2.08E-07	3.49E-12	1.74E-12	0.00E+00	0.00E+00	0.00E+00
Tl-209	1.27E-08	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-210	5.97E-08	2.99E-08	3.30E-13	1.65E-13	0.00E+00	0.00E+00	0.00E+00
Tm-161	2.54E-08	1.27E-08	2.55E-14	1.27E-14	0.00E+00	0.00E+00	0.00E+00
Tm-162	2.71E-07	1.36E-07	5.03E-12	2.52E-12	0.00E+00	0.00E+00	0.00E+00
Tm-163	9.62E-09	4.81E-09	3.08E-15	1.54E-15	0.00E+00	0.00E+00	0.00E+00
Tm-164	6.48E-08	3.24E-08	4.32E-13	2.16E-13	0.00E+00	0.00E+00	0.00E+00
Tm-165	4.89E-10	2.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-166	4.24E-08	2.12E-08	1.31E-13	6.53E-14	0.00E+00	0.00E+00	0.00E+00
Tm-167	1.01E-13	5.04E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-168	1.70E-10	8.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-172	1.09E-08	5.44E-09	4.86E-16	2.43E-16	0.00E+00	0.00E+00	0.00E+00
Tm-173	3.84E-14	1.92E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-174	4.31E-10	2.15E-10	1.03E-17	5.17E-18	0.00E+00	0.00E+00	0.00E+00
Tm-175	1.17E-09	5.87E-10	9.72E-18	4.86E-18	0.00E+00	0.00E+00	0.00E+00
Tm-176	1.48E-07	7.39E-08	1.34E-12	6.71E-13	0.00E+00	0.00E+00	0.00E+00
U-227	2.86E-16	1.43E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-228	1.39E-17	6.95E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230	3.27E-16	1.64E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-231	1.70E-18	8.51E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
U-232	7.25E-17	3.63E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-233	9.93E-15	4.96E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235	2.35E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-237	9.94E-17	4.97E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-239	1.75E-11	8.73E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-240	1.99E-18	9.96E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-242	2.74E-12	1.37E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-47	8.38E-08	4.19E-08	3.43E-13	1.71E-13	0.00E+00	0.00E+00	0.00E+00
V-48	8.37E-09	4.18E-09	2.81E-14	1.41E-14	0.00E+00	0.00E+00	0.00E+00
V-49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-50	1.57E-08	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-52	1.26E-08	6.29E-09	2.49E-15	1.25E-15	0.00E+00	0.00E+00	0.00E+00
V-53	1.08E-09	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-177	4.89E-10	2.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179	1.12E-22	5.61E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179m	5.23E-17	2.61E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-181	1.21E-22	6.04E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185m	3.59E-20	1.79E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-187	1.85E-11	9.24E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-188	1.10E-15	5.50E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-190	1.58E-19	7.90E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-120	7.13E-11	3.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-121	2.30E-07	1.15E-07	1.93E-12	9.64E-13	0.00E+00	0.00E+00	0.00E+00
Xe-122	6.81E-15	3.40E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-123	1.89E-08	9.44E-09	4.45E-14	2.22E-14	0.00E+00	0.00E+00	0.00E+00
Xe-125	9.29E-11	4.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127	3.66E-15	1.83E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127m	1.92E-19	9.60E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-129m	3.82E-20	1.91E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-131m	2.22E-20	1.11E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133	1.39E-18	6.96E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133m	8.77E-17	4.38E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135	1.06E-12	5.30E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135m	2.39E-12	1.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-137	3.98E-08	1.99E-08	4.57E-13	2.28E-13	0.00E+00	0.00E+00	0.00E+00
Xe-138	7.10E-08	3.55E-08	1.82E-13	9.10E-14	0.00E+00	0.00E+00	0.00E+00
Y-81	1.56E-14	7.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Y-83	4.76E-08	2.38E-08	4.74E-13	2.37E-13	0.00E+00	0.00E+00	0.00E+00
Y-83m	9.11E-14	4.56E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-84m	7.67E-09	3.83E-09	2.72E-14	1.36E-14	0.00E+00	0.00E+00	0.00E+00
Y-85	1.47E-10	7.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-85m	8.59E-08	4.30E-08	5.13E-13	2.56E-13	0.00E+00	0.00E+00	0.00E+00
Y-86	4.01E-08	2.00E-08	2.85E-13	1.42E-13	0.00E+00	0.00E+00	0.00E+00
Y-86m	1.12E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87	2.89E-13	1.44E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87m	9.10E-15	4.55E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-88	4.66E-08	2.33E-08	6.55E-14	3.27E-14	0.00E+00	0.00E+00	0.00E+00
Y-89m	3.32E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-90	3.09E-10	1.55E-10	1.60E-15	8.02E-16	0.00E+00	0.00E+00	0.00E+00
Y-90m	1.52E-11	7.61E-12	9.06E-17	4.53E-17	0.00E+00	0.00E+00	0.00E+00
Y-91	2.60E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-91m	4.45E-12	2.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-92	6.82E-09	3.41E-09	2.69E-14	1.35E-14	0.00E+00	0.00E+00	0.00E+00
Y-93	4.29E-08	2.14E-08	1.11E-13	5.55E-14	0.00E+00	0.00E+00	0.00E+00
Y-94	5.58E-08	2.79E-08	9.40E-13	4.70E-13	0.00E+00	0.00E+00	0.00E+00
Y-95	7.28E-07	3.64E-07	1.72E-11	8.59E-12	0.00E+00	0.00E+00	0.00E+00
Yb-162	4.78E-12	2.39E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-163	1.25E-08	6.27E-09	6.12E-15	3.06E-15	0.00E+00	0.00E+00	0.00E+00
Yb-164	5.24E-12	2.62E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-165	1.88E-09	9.40E-10	1.29E-15	6.47E-16	0.00E+00	0.00E+00	0.00E+00
Yb-166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-167	1.65E-10	8.26E-11	9.79E-18	4.90E-18	0.00E+00	0.00E+00	0.00E+00
Yb-169	1.28E-15	6.41E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-175	7.27E-15	3.63E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-177	1.26E-09	6.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-178	8.72E-15	4.36E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-179	2.27E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-60	2.48E-11	1.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-61	1.71E-07	8.53E-08	1.72E-12	8.58E-13	0.00E+00	0.00E+00	0.00E+00
Zn-62	2.06E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-63	2.16E-08	1.08E-08	1.52E-13	7.59E-14	0.00E+00	0.00E+00	0.00E+00
Zn-65	1.49E-09	7.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69	8.81E-11	4.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69m	2.07E-13	1.03E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-71	2.22E-09	1.11E-09	4.16E-15	2.08E-15	0.00E+00	0.00E+00	0.00E+00
Zn-71m	1.05E-09	5.25E-10	1.80E-15	8.99E-16	0.00E+00	0.00E+00	0.00E+00
Zn-72	1.92E-19	9.59E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-85	9.47E-09	4.74E-09	4.46E-15	2.23E-15	0.00E+00	0.00E+00	0.00E+00
Zr-86	5.19E-13	2.59E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-87	3.94E-08	1.97E-08	2.66E-13	1.33E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Zr-88	7.97E-15	3.99E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-89	9.54E-10	4.77E-10	2.74E-16	1.37E-16	0.00E+00	0.00E+00	0.00E+00
Zr-89m	2.03E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-95	4.42E-11	2.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-97	1.76E-09	8.78E-10	6.67E-16	3.33E-16	0.00E+00	0.00E+00	0.00E+00

Table 2: 1 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223	2.14E-13	1.07E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-224	8.51E-17	4.26E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225	4.81E-13	2.40E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-226	6.80E-14	3.40E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227	4.15E-15	2.07E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-228	7.12E-09	3.56E-09	1.35E-15	6.73E-16	0.00E+00	0.00E+00	0.00E+00
Ac-230	6.62E-08	3.31E-08	1.52E-13	7.59E-14	0.00E+00	0.00E+00	0.00E+00
Ac-231	3.14E-15	1.57E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-232	8.21E-08	4.11E-08	5.26E-14	2.63E-14	0.00E+00	0.00E+00	0.00E+00
Ac-233	4.32E-12	2.16E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-100m	5.33E-08	2.66E-08	1.54E-13	7.70E-14	0.00E+00	0.00E+00	0.00E+00
Ag-101	7.57E-08	3.79E-08	9.14E-13	4.57E-13	0.00E+00	0.00E+00	0.00E+00
Ag-102m	6.80E-07	3.40E-07	1.29E-11	6.47E-12	0.00E+00	0.00E+00	0.00E+00
Ag-102	2.08E-07	1.04E-07	4.04E-12	2.02E-12	0.00E+00	0.00E+00	0.00E+00
Ag-103	1.49E-08	7.45E-09	5.84E-14	2.92E-14	0.00E+00	0.00E+00	0.00E+00
Ag-104	1.36E-08	6.82E-09	4.13E-14	2.07E-14	0.00E+00	0.00E+00	0.00E+00
Ag-104m	3.83E-07	1.92E-07	7.23E-12	3.62E-12	0.00E+00	0.00E+00	0.00E+00
Ag-105	2.01E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-105m	2.06E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-106	9.87E-10	4.93E-10	5.23E-15	2.62E-15	0.00E+00	0.00E+00	0.00E+00
Ag-106m	6.23E-09	3.11E-09	1.17E-15	5.85E-16	0.00E+00	0.00E+00	0.00E+00
Ag-108	1.04E-10	5.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m	2.93E-11	1.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110	9.21E-10	4.61E-10	5.75E-16	2.87E-16	0.00E+00	0.00E+00	0.00E+00
Ag-110m	4.64E-09	2.32E-09	1.45E-17	7.25E-18	0.00E+00	0.00E+00	0.00E+00
Ag-111	7.76E-13	3.88E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-111m	3.94E-12	1.97E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-112	1.05E-07	5.24E-08	9.30E-13	4.65E-13	0.00E+00	0.00E+00	0.00E+00
Ag-113m	1.57E-11	7.86E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-113	6.89E-10	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-114	1.37E-07	6.84E-08	1.64E-12	8.18E-13	0.00E+00	0.00E+00	0.00E+00
Ag-115	1.19E-07	5.95E-08	6.14E-13	3.07E-13	0.00E+00	0.00E+00	0.00E+00
Ag-116	4.40E-07	2.20E-07	6.03E-12	3.02E-12	0.00E+00	0.00E+00	0.00E+00
Ag-117	3.61E-07	1.81E-07	4.66E-12	2.33E-12	0.00E+00	0.00E+00	0.00E+00
Ag-99	2.07E-07	1.04E-07	3.84E-12	1.92E-12	0.00E+00	0.00E+00	0.00E+00
Al-26	1.10E-07	5.51E-08	1.56E-13	7.79E-14	0.00E+00	0.00E+00	0.00E+00
Al-28	9.73E-08	4.86E-08	4.88E-14	2.44E-14	0.00E+00	0.00E+00	0.00E+00
Al-29	6.73E-08	3.37E-08	3.66E-13	1.83E-13	0.00E+00	0.00E+00	0.00E+00
Am-237	4.57E-11	2.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-238	5.32E-09	2.66E-09	8.88E-16	4.44E-16	0.00E+00	0.00E+00	0.00E+00
Am-239	6.16E-16	3.08E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Am-240	7.04E-10	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-241	1.97E-11	9.85E-12	0	0.00E+00	0	0	0
Am-242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242m	2.42E-20	1.21E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243	5.17E-15	2.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244	2.07E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244m	1.33E-09	6.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-245	2.06E-17	1.03E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246	5.73E-11	2.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246m	3.28E-09	1.64E-09	7.61E-16	3.80E-16	0.00E+00	0.00E+00	0.00E+00
Am-247	1.91E-16	9.55E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-41	8.45E-09	4.23E-09	1.54E-17	7.71E-18	0.00E+00	0.00E+00	0.00E+00
Ar-42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-43	2.52E-07	1.26E-07	3.99E-12	2.00E-12	0.00E+00	0.00E+00	0.00E+00
Ar-44	8.30E-08	4.15E-08	8.21E-14	4.11E-14	0.00E+00	0.00E+00	0.00E+00
As-68	1.56E-07	7.80E-08	2.23E-12	1.12E-12	0.00E+00	0.00E+00	0.00E+00
As-69	1.12E-07	5.59E-08	9.35E-13	4.67E-13	0.00E+00	0.00E+00	0.00E+00
As-70	6.64E-08	3.32E-08	1.12E-12	5.61E-13	0.00E+00	0.00E+00	0.00E+00
As-71	1.31E-09	6.57E-10	1.83E-16	9.13E-17	0.00E+00	0.00E+00	0.00E+00
As-72	1.06E-07	5.32E-08	2.07E-12	1.03E-12	0.00E+00	0.00E+00	0.00E+00
As-73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-74	2.67E-10	1.33E-10	1.16E-15	5.80E-16	0.00E+00	0.00E+00	0.00E+00
As-76	1.59E-08	7.97E-09	7.91E-14	3.96E-14	0.00E+00	0.00E+00	0.00E+00
As-77	1.15E-12	5.76E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-78	8.77E-08	4.39E-08	9.01E-13	4.50E-13	0.00E+00	0.00E+00	0.00E+00
As-79	1.99E-10	9.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-204	7.67E-11	3.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-205	3.56E-08	1.78E-08	3.47E-13	1.73E-13	0.00E+00	0.00E+00	0.00E+00
At-206	1.59E-08	7.95E-09	7.89E-14	3.95E-14	0.00E+00	0.00E+00	0.00E+00
At-207	7.26E-08	3.63E-08	6.99E-13	3.49E-13	0.00E+00	0.00E+00	0.00E+00
At-208	4.82E-08	2.41E-08	4.38E-13	2.19E-13	0.00E+00	0.00E+00	0.00E+00
At-209	3.06E-09	1.53E-09	8.46E-15	4.23E-15	0.00E+00	0.00E+00	0.00E+00
At-210	1.98E-08	9.91E-09	3.95E-14	1.97E-14	0.00E+00	0.00E+00	0.00E+00
At-211	2.46E-12	1.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-215	5.37E-14	2.68E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-216	2.32E-15	1.16E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-217	3.28E-12	1.64E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-220	6.39E-12	3.20E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-186	2.33E-08	1.16E-08	4.21E-14	2.10E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Au-187	5.37E-08	2.68E-08	1.26E-13	6.32E-14	0.00E+00	0.00E+00	0.00E+00
Au-190	5.27E-07	2.63E-07	7.52E-12	3.76E-12	0.00E+00	0.00E+00	0.00E+00
Au-191	1.72E-10	8.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-192	2.08E-07	1.04E-07	1.71E-12	8.55E-13	0.00E+00	0.00E+00	0.00E+00
Au-193	1.03E-11	5.15E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-193m	7.52E-17	3.76E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-194	4.58E-08	2.29E-08	8.27E-14	4.14E-14	0.00E+00	0.00E+00	0.00E+00
Au-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-195m	1.17E-16	5.87E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196	8.98E-12	4.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196m	4.85E-17	2.43E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198	1.05E-11	5.25E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198m	5.68E-17	2.84E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-200	5.88E-09	2.94E-09	5.27E-16	2.64E-16	0.00E+00	0.00E+00	0.00E+00
Au-200m	4.05E-11	2.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-201	9.88E-12	4.94E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-202	5.83E-09	2.92E-09	1.74E-15	8.68E-16	0.00E+00	0.00E+00	0.00E+00
Ba-124	2.61E-09	1.31E-09	2.27E-16	1.14E-16	0.00E+00	0.00E+00	0.00E+00
Ba-126	1.40E-09	6.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-127	7.63E-08	3.82E-08	3.09E-13	1.54E-13	0.00E+00	0.00E+00	0.00E+00
Ba-128	1.52E-16	7.60E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-129	3.16E-08	1.58E-08	1.63E-14	8.17E-15	0.00E+00	0.00E+00	0.00E+00
Ba-129m	7.17E-09	3.58E-09	7.87E-16	3.94E-16	0.00E+00	0.00E+00	0.00E+00
Ba-131	6.45E-11	3.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133	2.58E-16	1.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133m	1.33E-14	6.65E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-135m	1.36E-16	6.79E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-137m	3.16E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-139	1.71E-09	8.57E-10	4.87E-17	2.44E-17	0.00E+00	0.00E+00	0.00E+00
Ba-140	3.79E-12	1.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-141	2.02E-08	1.01E-08	6.64E-14	3.32E-14	0.00E+00	0.00E+00	0.00E+00
Ba-142	2.29E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-7	6.19E-13	3.09E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-197	1.13E-08	5.63E-09	3.21E-15	1.60E-15	0.00E+00	0.00E+00	0.00E+00
Bi-200	6.45E-10	3.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-201	3.83E-08	1.92E-08	1.21E-13	6.06E-14	0.00E+00	0.00E+00	0.00E+00
Bi-202	3.98E-08	1.99E-08	7.07E-13	3.54E-13	0.00E+00	0.00E+00	0.00E+00
Bi-203	4.97E-08	2.48E-08	9.28E-14	4.64E-14	0.00E+00	0.00E+00	0.00E+00
Bi-204	2.59E-08	1.30E-08	2.03E-13	1.02E-13	0.00E+00	0.00E+00	0.00E+00
Bi-205	4.75E-08	2.38E-08	3.00E-14	1.50E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Bi-206	1.58E-08	7.91E-09	1.71E-14	8.57E-15	0.00E+00	0.00E+00	0.00E+00
Bi-207	7.69E-09	3.85E-09	3.28E-15	1.64E-15	0.00E+00	0.00E+00	0.00E+00
Bi-208	9.30E-07	4.65E-07	1.08E-11	5.39E-12	0.00E+00	0.00E+00	0.00E+00
Bi-210	3.77E-16	1.88E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m	2.69E-12	1.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-211	3.24E-16	1.62E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212	1.27E-08	6.36E-09	3.00E-15	1.50E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213	8.48E-11	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214	7.89E-08	3.94E-08	3.50E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215	1.86E-09	9.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216	5.01E-12	2.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-245	9.39E-16	4.70E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-246	6.63E-10	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-247	9.57E-17	4.78E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-248m	3.44E-12	1.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-249	4.45E-16	2.23E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-250	1.19E-09	5.95E-10	1.54E-17	7.68E-18	0.00E+00	0.00E+00	0.00E+00
Bk-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-72	6.99E-08	3.50E-08	3.89E-13	1.95E-13	0.00E+00	0.00E+00	0.00E+00
Br-73	1.49E-09	7.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-74	2.53E-06	1.26E-06	1.09E-10	5.43E-11	0.00E+00	0.00E+00	0.00E+00
Br-74m	1.06E-06	5.28E-07	3.22E-11	1.61E-11	0.00E+00	0.00E+00	0.00E+00
Br-75	6.00E-10	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-76	5.68E-07	2.84E-07	1.21E-11	6.06E-12	0.00E+00	0.00E+00	0.00E+00
Br-76m	5.10E-12	2.55E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77	4.55E-11	2.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-78	6.98E-09	3.49E-09	4.31E-14	2.15E-14	0.00E+00	0.00E+00	0.00E+00
Br-80	9.83E-11	4.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-80m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-82m	2.25E-09	1.12E-09	5.92E-15	2.96E-15	0.00E+00	0.00E+00	0.00E+00
Br-82	3.89E-09	1.95E-09	1.37E-16	6.86E-17	0.00E+00	0.00E+00	0.00E+00
Br-83	4.71E-12	2.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-84m	1.29E-08	6.46E-09	9.18E-16	4.59E-16	0.00E+00	0.00E+00	0.00E+00
Br-84	1.28E-06	6.41E-07	3.68E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00
Br-85	1.90E-08	9.48E-09	4.91E-14	2.46E-14	0.00E+00	0.00E+00	0.00E+00
C-10	8.43E-11	4.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-47	8.03E-09	4.02E-09	3.11E-17	1.56E-17	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ca-49	2.54E-06	1.27E-06	6.71E-11	3.35E-11	0.00E+00	0.00E+00	0.00E+00
Cd-101	1.22E-07	6.10E-08	1.16E-12	5.80E-13	0.00E+00	0.00E+00	0.00E+00
Cd-102	3.46E-09	1.73E-09	8.27E-16	4.13E-16	0.00E+00	0.00E+00	0.00E+00
Cd-103	2.48E-07	1.24E-07	2.61E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00
Cd-104	3.23E-11	1.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-105	1.18E-07	5.91E-08	5.23E-13	2.62E-13	0.00E+00	0.00E+00	0.00E+00
Cd-107	2.30E-11	1.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-111m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113m	1.24E-16	6.20E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115	3.30E-12	1.65E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115m	3.37E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-117	1.54E-08	7.69E-09	3.37E-15	1.68E-15	0.00E+00	0.00E+00	0.00E+00
Cd-117m	1.18E-07	5.90E-08	4.68E-13	2.34E-13	0.00E+00	0.00E+00	0.00E+00
Cd-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-119	1.29E-07	6.43E-08	7.57E-13	3.79E-13	0.00E+00	0.00E+00	0.00E+00
Cd-119m	1.13E-07	5.67E-08	5.65E-13	2.83E-13	0.00E+00	0.00E+00	0.00E+00
Ce-130	1.13E-09	5.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-131	1.92E-08	9.62E-09	2.68E-14	1.34E-14	0.00E+00	0.00E+00	0.00E+00
Ce-132	1.17E-12	5.83E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133	2.87E-12	1.44E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133m	2.80E-08	1.40E-08	6.27E-14	3.14E-14	0.00E+00	0.00E+00	0.00E+00
Ce-134	8.09E-18	4.05E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-135	6.55E-10	3.28E-10	1.17E-16	5.87E-17	0.00E+00	0.00E+00	0.00E+00
Ce-137	1.28E-11	6.39E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-137m	2.53E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-139	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-143	8.01E-11	4.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-145	6.93E-10	3.47E-10	1.23E-18	6.14E-19	0.00E+00	0.00E+00	0.00E+00
Cf-244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-246	1.38E-08	6.90E-09	1.44E-12	7.19E-13	2.86E-16	9.10E-19	0.00E+00
Cf-247	1.39E-14	6.97E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-248	1.34E-07	6.68E-08	1.33E-11	6.63E-12	2.52E-15	7.94E-18	0.00E+00
Cf-249	2.90E-13	1.45E-13	1.49E-17	7.44E-18	2.75E-21	8.65E-24	0.00E+00
Cf-250	8.35E-07	4.18E-07	7.91E-11	3.95E-11	1.43E-14	4.46E-17	0.00E+00
Cf-251	2.14E-17	1.07E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-252	9.52E-07	4.76E-07	8.62E-11	4.31E-11	1.48E-14	4.56E-17	0.00E+00
Cf-253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-254	9.43E-07	4.72E-07	8.18E-11	4.09E-11	1.33E-14	4.04E-17	0.00E+00
Cf-255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cl-34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-34m	9.48E-07	4.74E-07	2.11E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00
Cl-36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-38	2.35E-07	1.18E-07	1.10E-12	5.50E-13	0.00E+00	0.00E+00	0.00E+00
Cl-39	1.43E-08	7.13E-09	3.16E-15	1.58E-15	0.00E+00	0.00E+00	0.00E+00
Cl-40	2.76E-06	1.38E-06	3.31E-10	1.66E-10	6.44E-14	9.72E-18	0.00E+00
Cm-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-240	1.31E-10	6.56E-11	1.39E-14	6.94E-15	2.80E-18	8.94E-21	0.00E+00
Cm-241	1.12E-12	5.59E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-242	2.71E-10	1.35E-10	2.72E-14	1.36E-14	5.23E-18	1.66E-20	0.00E+00
Cm-243	9.91E-17	4.96E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-244	7.70E-09	3.85E-09	7.37E-13	3.69E-13	1.35E-16	4.22E-19	0.00E+00
Cm-245	6.47E-13	3.24E-13	6.06E-17	3.03E-17	1.08E-20	3.37E-23	0.00E+00
Cm-246	6.67E-07	3.33E-07	6.14E-11	3.07E-11	1.07E-14	3.33E-17	0.00E+00
Cm-247	3.78E-14	1.89E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-248	9.45E-07	4.72E-07	8.28E-11	4.14E-11	1.36E-14	4.16E-17	0.00E+00
Cm-249	1.21E-11	6.03E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250	9.35E-07	4.68E-07	7.88E-11	3.94E-11	1.23E-14	3.70E-17	0.00E+00
Cm-251	8.15E-11	4.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-54m	9.81E-09	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-55	1.35E-08	6.77E-09	1.11E-13	5.55E-14	0.00E+00	0.00E+00	0.00E+00
Co-56	4.71E-07	2.36E-07	9.07E-12	4.54E-12	0.00E+00	0.00E+00	0.00E+00
Co-57	4.48E-13	2.24E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-58	7.55E-10	3.78E-10	2.19E-16	1.09E-16	0.00E+00	0.00E+00	0.00E+00
Co-58m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-60	8.14E-09	4.07E-09	1.54E-17	7.71E-18	0.00E+00	0.00E+00	0.00E+00
Co-60m	6.83E-09	3.42E-09	3.71E-15	1.85E-15	0.00E+00	0.00E+00	0.00E+00
Co-61	2.23E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-62	2.30E-07	1.15E-07	4.49E-12	2.24E-12	0.00E+00	0.00E+00	0.00E+00
Co-62m	7.12E-08	3.56E-08	5.76E-13	2.88E-13	0.00E+00	0.00E+00	0.00E+00
Cr-48	5.08E-16	2.54E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-49	4.18E-10	2.09E-10	5.04E-16	2.52E-16	0.00E+00	0.00E+00	0.00E+00
Cr-51	5.99E-16	3.00E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-55	7.59E-08	3.80E-08	3.03E-13	1.52E-13	0.00E+00	0.00E+00	0.00E+00
Cr-56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121	3.38E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121m	1.83E-09	9.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-123	1.63E-09	8.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-124	8.41E-08	4.20E-08	6.70E-13	3.35E-13	0.00E+00	0.00E+00	0.00E+00
Cs-125	4.11E-08	2.06E-08	2.56E-13	1.28E-13	0.00E+00	0.00E+00	0.00E+00
Cs-126	3.41E-08	1.70E-08	2.33E-13	1.16E-13	0.00E+00	0.00E+00	0.00E+00
Cs-127	8.54E-10	4.27E-10	1.60E-16	8.00E-17	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cs-128	2.80E-08	1.40E-08	1.95E-13	9.77E-14	0.00E+00	0.00E+00	0.00E+00
Cs-129	6.43E-12	3.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130m	2.17E-13	1.08E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130	2.12E-08	1.06E-08	2.25E-14	1.13E-14	0.00E+00	0.00E+00	0.00E+00
Cs-131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-132	4.24E-10	2.12E-10	1.50E-16	7.51E-17	0.00E+00	0.00E+00	0.00E+00
Cs-134	4.69E-10	2.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-134m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135m	2.07E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-136	1.32E-09	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-137	1.42E-12	7.12E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138m	1.30E-08	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138	1.69E-07	8.44E-08	1.98E-12	9.88E-13	0.00E+00	0.00E+00	0.00E+00
Cs-139	4.39E-07	2.19E-07	9.39E-12	4.70E-12	0.00E+00	0.00E+00	0.00E+00
Cs-140	5.48E-07	2.74E-07	1.07E-11	5.33E-12	0.00E+00	0.00E+00	0.00E+00
Cu-57	1.78E-07	8.88E-08	2.83E-12	1.41E-12	0.00E+00	0.00E+00	0.00E+00
Cu-59	1.16E-08	5.80E-09	1.98E-14	9.88E-15	0.00E+00	0.00E+00	0.00E+00
Cu-60	3.40E-07	1.70E-07	8.54E-12	4.27E-12	1.06E-18	0.00E+00	0.00E+00
Cu-61	3.19E-09	1.59E-09	6.53E-15	3.27E-15	0.00E+00	0.00E+00	0.00E+00
Cu-62	1.85E-07	9.24E-08	3.55E-12	1.78E-12	0.00E+00	0.00E+00	0.00E+00
Cu-64	1.15E-08	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-66	1.61E-09	8.04E-10	5.40E-18	2.70E-18	0.00E+00	0.00E+00	0.00E+00
Cu-67	1.16E-17	5.80E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-69	4.18E-09	2.09E-09	1.16E-15	5.81E-16	0.00E+00	0.00E+00	0.00E+00
Dy-148	4.25E-10	2.13E-10	1.00E-16	5.02E-17	0.00E+00	0.00E+00	0.00E+00
Dy-149	3.55E-08	1.78E-08	2.80E-14	1.40E-14	0.00E+00	0.00E+00	0.00E+00
Dy-150	4.62E-18	2.31E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-151	1.41E-08	7.07E-09	7.25E-15	3.63E-15	0.00E+00	0.00E+00	0.00E+00
Dy-152	6.43E-17	3.22E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-153	8.92E-09	4.46E-09	2.37E-15	1.19E-15	0.00E+00	0.00E+00	0.00E+00
Dy-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-155	5.84E-09	2.92E-09	9.73E-16	4.87E-16	0.00E+00	0.00E+00	0.00E+00
Dy-157	2.39E-12	1.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-159	3.09E-20	1.54E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165m	1.13E-12	5.63E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165	1.43E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-166	1.48E-14	7.38E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-167	1.97E-10	9.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-168	3.44E-12	1.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-156	2.18E-17	1.09E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-159	2.31E-08	1.15E-08	5.02E-14	2.51E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Er-161	3.40E-09	1.70E-09	5.26E-16	2.63E-16	0.00E+00	0.00E+00	0.00E+00
Er-163	3.84E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-167m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-171	1.95E-11	9.76E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-172	6.75E-12	3.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-173	3.12E-10	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-249	2.78E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250	1.58E-10	7.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250m	4.89E-09	2.44E-09	9.38E-16	4.69E-16	0.00E+00	0.00E+00	0.00E+00
Es-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-253	1.15E-09	5.74E-10	1.08E-13	5.39E-14	1.93E-17	6.01E-20	0.00E+00
Es-254	1.69E-11	8.46E-12	1.55E-15	7.76E-16	2.70E-19	8.37E-22	0.00E+00
Es-254m	1.14E-08	5.69E-09	1.04E-12	5.21E-13	1.81E-16	5.62E-19	0.00E+00
Es-255	9.52E-07	4.76E-07	8.53E-11	4.27E-11	1.44E-14	4.44E-17	0.00E+00
Es-256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-142	1.18E-07	5.89E-08	5.93E-13	2.97E-13	0.00E+00	0.00E+00	0.00E+00
Eu-142m	4.33E-09	2.16E-09	1.25E-14	6.24E-15	0.00E+00	0.00E+00	0.00E+00
Eu-143	9.99E-08	5.00E-08	6.83E-13	3.41E-13	0.00E+00	0.00E+00	0.00E+00
Eu-144	1.08E-07	5.42E-08	4.27E-13	2.13E-13	0.00E+00	0.00E+00	0.00E+00
Eu-145	4.04E-08	2.02E-08	6.95E-14	3.47E-14	0.00E+00	0.00E+00	0.00E+00
Eu-146	3.72E-08	1.86E-08	2.09E-13	1.04E-13	0.00E+00	0.00E+00	0.00E+00
Eu-147	1.09E-09	5.47E-10	3.73E-18	1.86E-18	0.00E+00	0.00E+00	0.00E+00
Eu-148	5.28E-09	2.64E-09	4.53E-15	2.27E-15	0.00E+00	0.00E+00	0.00E+00
Eu-149	2.79E-13	1.40E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-150	1.67E-09	8.35E-10	1.85E-16	9.24E-17	0.00E+00	0.00E+00	0.00E+00
Eu-150m	8.20E-09	4.10E-09	4.13E-15	2.06E-15	0.00E+00	0.00E+00	0.00E+00
Eu-152	5.69E-09	2.84E-09	1.25E-17	6.26E-18	0.00E+00	0.00E+00	0.00E+00
Eu-152m	1.47E-09	7.37E-10	1.24E-17	6.19E-18	0.00E+00	0.00E+00	0.00E+00
Eu-152n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-154	3.61E-09	1.80E-09	6.87E-17	3.43E-17	0.00E+00	0.00E+00	0.00E+00
Eu-154m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-156	9.22E-08	4.61E-08	3.54E-13	1.77E-13	0.00E+00	0.00E+00	0.00E+00
Eu-157	2.58E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-158	4.55E-08	2.27E-08	2.73E-13	1.36E-13	0.00E+00	0.00E+00	0.00E+00
Eu-159	2.09E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-17	4.23E-10	2.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-52	1.62E-09	8.10E-10	6.84E-16	3.42E-16	0.00E+00	0.00E+00	0.00E+00
Fe-53	7.47E-08	3.73E-08	1.04E-12	5.21E-13	0.00E+00	0.00E+00	0.00E+00
Fe-53m	4.97E-08	2.49E-08	2.92E-13	1.46E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Fe-55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-59	5.23E-09	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-61	5.15E-08	2.57E-08	5.67E-13	2.83E-13	0.00E+00	0.00E+00	0.00E+00
Fe-62	1.43E-12	7.13E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-251	2.69E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-252	1.09E-07	5.47E-08	1.12E-11	5.60E-12	2.19E-15	6.97E-18	0.00E+00
Fm-253	3.51E-16	1.75E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-254	7.64E-07	3.82E-07	7.45E-11	3.72E-11	1.39E-14	4.36E-17	0.00E+00
Fm-255	1.39E-10	6.94E-11	1.31E-14	6.56E-15	2.37E-18	7.39E-21	0.00E+00
Fm-256	9.62E-07	4.81E-07	8.91E-11	4.46E-11	1.57E-14	4.88E-17	0.00E+00
Fm-257	1.76E-07	8.79E-08	1.58E-11	7.92E-12	2.70E-15	8.33E-18	0.00E+00
Fr-212	4.28E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-219	8.19E-13	4.09E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-220	1.12E-15	5.60E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221	2.32E-15	1.16E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-222	1.12E-09	5.61E-10	2.19E-17	1.10E-17	0.00E+00	0.00E+00	0.00E+00
Fr-223	2.14E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-224	1.94E-08	9.70E-09	3.41E-14	1.71E-14	0.00E+00	0.00E+00	0.00E+00
Fr-227	1.19E-09	5.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-64	1.17E-06	5.86E-07	3.87E-11	1.94E-11	1.30E-16	0.00E+00	0.00E+00
Ga-65	2.21E-08	1.11E-08	1.85E-13	9.23E-14	0.00E+00	0.00E+00	0.00E+00
Ga-66	2.39E-06	1.19E-06	1.37E-10	6.87E-11	0.00E+00	0.00E+00	0.00E+00
Ga-67	4.39E-12	2.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-68	1.05E-08	5.26E-09	1.23E-14	6.14E-15	0.00E+00	0.00E+00	0.00E+00
Ga-70	1.50E-09	7.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-72	2.03E-07	1.02E-07	1.33E-12	6.63E-13	0.00E+00	0.00E+00	0.00E+00
Ga-73	8.84E-11	4.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-74	3.84E-07	1.92E-07	5.24E-12	2.62E-12	0.00E+00	0.00E+00	0.00E+00
Gd-142	2.53E-08	1.26E-08	1.15E-14	5.74E-15	0.00E+00	0.00E+00	0.00E+00
Gd-143m	2.41E-08	1.21E-08	2.16E-14	1.08E-14	0.00E+00	0.00E+00	0.00E+00
Gd-144	3.56E-07	1.78E-07	2.97E-12	1.49E-12	0.00E+00	0.00E+00	0.00E+00
Gd-145m	5.74E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-145	5.05E-07	2.53E-07	1.66E-11	8.29E-12	0.00E+00	0.00E+00	0.00E+00
Gd-146	1.48E-14	7.41E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-147	3.13E-09	1.56E-09	9.98E-16	4.99E-16	0.00E+00	0.00E+00	0.00E+00
Gd-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-149	7.11E-11	3.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-151	3.61E-17	1.81E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-159	2.51E-13	1.25E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Gd-162	2.20E-13	1.10E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-66	1.78E-09	8.89E-10	1.82E-16	9.11E-17	0.00E+00	0.00E+00	0.00E+00
Ge-67	1.48E-07	7.39E-08	2.73E-12	1.37E-12	0.00E+00	0.00E+00	0.00E+00
Ge-68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-69	7.95E-09	3.98E-09	6.86E-15	3.43E-15	0.00E+00	0.00E+00	0.00E+00
Ge-71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-75	2.89E-13	1.45E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-77	1.35E-08	6.75E-09	4.63E-14	2.31E-14	0.00E+00	0.00E+00	0.00E+00
Ge-78	3.10E-16	1.55E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-167	5.43E-16	2.71E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-169	5.94E-13	2.97E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-170	8.43E-12	4.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-173	1.26E-10	6.29E-11	1.15E-16	5.75E-17	0.00E+00	0.00E+00	0.00E+00
Hf-174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-175	5.73E-15	2.86E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-177m	1.68E-12	8.41E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-178m	2.39E-12	1.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-179m	1.65E-13	8.27E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-180m	1.97E-13	9.87E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-181	5.23E-13	2.62E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182	2.08E-16	1.04E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182m	1.49E-10	7.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-183	1.31E-09	6.53E-10	7.00E-17	3.50E-17	0.00E+00	0.00E+00	0.00E+00
Hf-184	2.04E-16	1.02E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-190	3.87E-13	1.93E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-191m	1.06E-08	5.29E-09	3.23E-15	1.61E-15	0.00E+00	0.00E+00	0.00E+00
Hg-192	3.83E-15	1.91E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193	2.27E-08	1.14E-08	1.08E-14	5.39E-15	0.00E+00	0.00E+00	0.00E+00
Hg-193m	1.05E-08	5.23E-09	2.73E-15	1.37E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195	6.05E-10	3.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195m	2.04E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197	3.37E-19	1.68E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197m	1.03E-16	5.14E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-199m	1.38E-16	6.89E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-203	3.09E-16	1.55E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-205	3.39E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-206	3.49E-12	1.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-207	8.68E-08	4.34E-08	6.04E-13	3.02E-13	0.00E+00	0.00E+00	0.00E+00
Ho-150	1.65E-10	8.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-153	1.63E-09	8.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ho-153m	7.80E-10	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154m	5.87E-10	2.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154	1.23E-08	6.15E-09	5.80E-15	2.90E-15	0.00E+00	0.00E+00	0.00E+00
Ho-155	4.84E-08	2.42E-08	2.04E-13	1.02E-13	0.00E+00	0.00E+00	0.00E+00
Ho-156	9.16E-08	4.58E-08	6.59E-13	3.29E-13	0.00E+00	0.00E+00	0.00E+00
Ho-157	1.52E-09	7.60E-10	1.84E-16	9.18E-17	0.00E+00	0.00E+00	0.00E+00
Ho-159	1.65E-10	8.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-160	6.91E-10	3.46E-10	8.06E-18	4.03E-18	0.00E+00	0.00E+00	0.00E+00
Ho-161	4.62E-13	2.31E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-162	6.56E-09	3.28E-09	3.26E-16	1.63E-16	0.00E+00	0.00E+00	0.00E+00
Ho-162m	2.47E-09	1.23E-09	4.09E-17	2.05E-17	0.00E+00	0.00E+00	0.00E+00
Ho-163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164	1.56E-14	7.80E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-166	1.55E-08	7.75E-09	2.23E-15	1.12E-15	0.00E+00	0.00E+00	0.00E+00
Ho-166m	2.99E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-167	4.10E-13	2.05E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-168	8.16E-09	4.08E-09	3.54E-14	1.77E-14	0.00E+00	0.00E+00	0.00E+00
Ho-168m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-170	1.06E-09	5.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-118m	2.39E-09	1.19E-09	3.83E-16	1.91E-16	0.00E+00	0.00E+00	0.00E+00
I-118	2.48E-08	1.24E-08	9.55E-14	4.78E-14	0.00E+00	0.00E+00	0.00E+00
I-119	2.64E-09	1.32E-09	7.56E-16	3.78E-16	0.00E+00	0.00E+00	0.00E+00
I-120	7.14E-07	3.57E-07	2.45E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00
I-120m	1.07E-07	5.37E-08	1.43E-12	7.16E-13	0.00E+00	0.00E+00	0.00E+00
I-121	9.17E-10	4.59E-10	2.25E-16	1.13E-16	0.00E+00	0.00E+00	0.00E+00
I-122	4.71E-08	2.35E-08	4.63E-13	2.32E-13	0.00E+00	0.00E+00	0.00E+00
I-123	1.14E-12	5.72E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-124	5.61E-08	2.81E-08	3.70E-13	1.85E-13	0.00E+00	0.00E+00	0.00E+00
I-125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-126	2.45E-10	1.23E-10	1.08E-16	5.41E-17	0.00E+00	0.00E+00	0.00E+00
I-128	3.91E-11	1.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-130m	9.18E-09	4.59E-09	2.89E-14	1.45E-14	0.00E+00	0.00E+00	0.00E+00
I-130	3.54E-10	1.77E-10	2.79E-18	1.39E-18	0.00E+00	0.00E+00	0.00E+00
I-131	4.94E-08	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-132	7.81E-09	3.91E-09	2.11E-14	1.05E-14	0.00E+00	0.00E+00	0.00E+00
I-132m	3.94E-11	1.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-133	6.42E-10	3.21E-10	9.04E-20	4.52E-20	0.00E+00	0.00E+00	0.00E+00
I-134m	5.36E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-134	1.26E-08	6.29E-09	4.18E-14	2.09E-14	0.00E+00	0.00E+00	0.00E+00
I-135	3.74E-08	1.87E-08	8.87E-14	4.44E-14	0.00E+00	0.00E+00	0.00E+00
In-103	5.11E-07	2.55E-07	1.30E-11	6.50E-12	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
In-105	1.55E-07	7.77E-08	1.98E-12	9.91E-13	0.00E+00	0.00E+00	0.00E+00
In-106	3.07E-09	1.53E-09	8.95E-16	4.47E-16	0.00E+00	0.00E+00	0.00E+00
In-106m	5.68E-07	2.84E-07	1.29E-11	6.45E-12	0.00E+00	0.00E+00	0.00E+00
In-107	1.73E-07	8.65E-08	1.66E-12	8.30E-13	0.00E+00	0.00E+00	0.00E+00
In-108	2.11E-08	1.06E-08	1.07E-13	5.36E-14	0.00E+00	0.00E+00	0.00E+00
In-108m	1.45E-06	7.27E-07	4.77E-11	2.38E-11	0.00E+00	0.00E+00	0.00E+00
In-109	1.01E-08	5.04E-09	3.68E-15	1.84E-15	0.00E+00	0.00E+00	0.00E+00
In-109m	2.54E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-110	1.91E-09	9.56E-10	5.77E-16	2.88E-16	0.00E+00	0.00E+00	0.00E+00
In-110m	2.20E-07	1.10E-07	4.20E-12	2.10E-12	0.00E+00	0.00E+00	0.00E+00
In-111	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-111m	5.18E-12	2.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-112	1.54E-09	7.71E-10	1.33E-16	6.63E-17	0.00E+00	0.00E+00	0.00E+00
In-112m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-113m	3.92E-17	1.96E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114	6.88E-09	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114m	1.97E-11	9.83E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115m	1.50E-15	7.50E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-116m	4.18E-08	2.09E-08	1.50E-13	7.48E-14	0.00E+00	0.00E+00	0.00E+00
In-117	5.64E-12	2.82E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-117m	2.29E-12	1.14E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-118m	1.36E-08	6.79E-09	6.90E-14	3.45E-14	0.00E+00	0.00E+00	0.00E+00
In-118	1.31E-08	6.56E-09	1.65E-14	8.24E-15	0.00E+00	0.00E+00	0.00E+00
In-119	1.08E-10	5.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-119m	3.36E-09	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121	5.89E-10	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121m	1.95E-07	9.75E-08	3.29E-12	1.64E-12	0.00E+00	0.00E+00	0.00E+00
Ir-180	4.09E-10	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-182	4.21E-09	2.11E-09	8.12E-16	4.06E-16	0.00E+00	0.00E+00	0.00E+00
Ir-183	5.07E-08	2.53E-08	9.21E-14	4.61E-14	0.00E+00	0.00E+00	0.00E+00
Ir-184	4.19E-08	2.10E-08	2.60E-13	1.30E-13	0.00E+00	0.00E+00	0.00E+00
Ir-185	5.44E-08	2.72E-08	3.19E-14	1.60E-14	0.00E+00	0.00E+00	0.00E+00
Ir-186	9.13E-08	4.57E-08	1.03E-12	5.14E-13	0.00E+00	0.00E+00	0.00E+00
Ir-186m	1.13E-07	5.65E-08	1.17E-12	5.83E-13	0.00E+00	0.00E+00	0.00E+00
Ir-187	3.41E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-188	1.68E-07	8.40E-08	7.54E-13	3.77E-13	0.00E+00	0.00E+00	0.00E+00
Ir-189	9.81E-17	4.90E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190	1.81E-10	9.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192	4.86E-12	2.43E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ir-192m	1.24E-14	6.21E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-194	3.94E-09	1.97E-09	2.71E-15	1.36E-15	0.00E+00	0.00E+00	0.00E+00
Ir-194m	2.76E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195m	1.14E-11	5.71E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196	2.71E-09	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196m	3.47E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-38	3.60E-07	1.80E-07	2.22E-12	1.11E-12	0.00E+00	0.00E+00	0.00E+00
K-40	2.28E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-42	2.86E-08	1.43E-08	6.26E-15	3.13E-15	0.00E+00	0.00E+00	0.00E+00
K-43	6.51E-11	3.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-44	7.51E-07	3.76E-07	2.38E-11	1.19E-11	2.43E-16	0.00E+00	0.00E+00
K-45	2.06E-07	1.03E-07	1.85E-12	9.26E-13	0.00E+00	0.00E+00	0.00E+00
K-46	2.11E-06	1.05E-06	9.99E-11	5.00E-11	1.87E-15	0.00E+00	0.00E+00
Kr-74	5.23E-11	2.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-75	7.44E-09	3.72E-09	8.59E-16	4.30E-16	0.00E+00	0.00E+00	0.00E+00
Kr-76	3.85E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-77	2.03E-09	1.02E-09	4.69E-15	2.34E-15	0.00E+00	0.00E+00	0.00E+00
Kr-79	4.70E-10	2.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81	3.73E-17	1.86E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-83m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85	2.43E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85m	2.40E-14	1.20E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-87	3.97E-07	1.98E-07	4.57E-12	2.28E-12	0.00E+00	0.00E+00	0.00E+00
Kr-88	3.32E-07	1.66E-07	2.02E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00
Kr-89	8.72E-07	4.36E-07	2.83E-11	1.41E-11	0.00E+00	0.00E+00	0.00E+00
La-128	1.49E-08	7.43E-09	3.43E-14	1.72E-14	0.00E+00	0.00E+00	0.00E+00
La-129	5.95E-09	2.97E-09	1.04E-14	5.20E-15	0.00E+00	0.00E+00	0.00E+00
La-130	1.02E-07	5.09E-08	1.40E-12	6.99E-13	0.00E+00	0.00E+00	0.00E+00
La-131	6.93E-09	3.46E-09	1.97E-14	9.87E-15	0.00E+00	0.00E+00	0.00E+00
La-132	2.34E-07	1.17E-07	3.76E-12	1.88E-12	0.00E+00	0.00E+00	0.00E+00
La-132m	3.29E-10	1.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-133	1.10E-09	5.51E-10	2.07E-16	1.03E-16	0.00E+00	0.00E+00	0.00E+00
La-134	4.73E-08	2.36E-08	3.04E-13	1.52E-13	0.00E+00	0.00E+00	0.00E+00
La-135	1.91E-11	9.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-136	1.05E-08	5.25E-09	3.98E-14	1.99E-14	0.00E+00	0.00E+00	0.00E+00
La-137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-138	1.57E-08	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-140	5.22E-08	2.61E-08	2.37E-13	1.18E-13	0.00E+00	0.00E+00	0.00E+00
La-141	4.36E-08	2.18E-08	1.50E-13	7.48E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
La-142	6.68E-07	3.34E-07	1.21E-11	6.06E-12	0.00E+00	0.00E+00	0.00E+00
La-143	1.70E-07	8.50E-08	1.57E-12	7.84E-13	0.00E+00	0.00E+00	0.00E+00
Lu-165	2.90E-08	1.45E-08	2.60E-14	1.30E-14	0.00E+00	0.00E+00	0.00E+00
Lu-167	6.95E-08	3.48E-08	1.64E-13	8.21E-14	0.00E+00	0.00E+00	0.00E+00
Lu-169m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-169	2.00E-08	9.99E-09	2.42E-14	1.21E-14	0.00E+00	0.00E+00	0.00E+00
Lu-170	4.18E-07	2.09E-07	5.94E-12	2.97E-12	0.00E+00	0.00E+00	0.00E+00
Lu-171m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-171	1.31E-10	6.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-172	6.60E-09	3.30E-09	5.01E-15	2.51E-15	0.00E+00	0.00E+00	0.00E+00
Lu-172m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-173	1.04E-12	5.20E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174	2.68E-09	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174m	9.41E-11	4.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176	4.45E-16	2.22E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176m	7.00E-12	3.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177	1.26E-17	6.31E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177m	3.38E-14	1.69E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-178	1.35E-08	6.77E-09	1.09E-15	5.45E-16	0.00E+00	0.00E+00	0.00E+00
Lu-178m	9.99E-14	4.99E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-179	7.07E-11	3.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-180	8.53E-09	4.26E-09	1.59E-15	7.96E-16	0.00E+00	0.00E+00	0.00E+00
Lu-181	7.18E-11	3.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-27	5.77E-10	2.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28	8.97E-09	4.48E-09	8.55E-17	4.27E-17	0.00E+00	0.00E+00	0.00E+00
Mn-50m	4.18E-08	2.09E-08	5.15E-13	2.57E-13	0.00E+00	0.00E+00	0.00E+00
Mn-51	5.32E-08	2.66E-08	1.84E-13	9.20E-14	0.00E+00	0.00E+00	0.00E+00
Mn-52	9.53E-09	4.77E-09	6.48E-17	3.24E-17	0.00E+00	0.00E+00	0.00E+00
Mn-52m	2.30E-08	1.15E-08	1.10E-13	5.51E-14	0.00E+00	0.00E+00	0.00E+00
Mn-53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-54	2.74E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-56	1.11E-07	5.57E-08	7.89E-13	3.95E-13	0.00E+00	0.00E+00	0.00E+00
Mn-57	6.96E-09	3.48E-09	1.77E-15	8.86E-16	0.00E+00	0.00E+00	0.00E+00
Mn-58m	8.88E-08	4.44E-08	1.73E-12	8.65E-13	0.00E+00	0.00E+00	0.00E+00
Mo-101	4.03E-08	2.02E-08	8.75E-14	4.37E-14	0.00E+00	0.00E+00	0.00E+00
Mo-102	1.65E-17	8.27E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-89	9.50E-08	4.75E-08	5.54E-13	2.77E-13	0.00E+00	0.00E+00	0.00E+00
Mo-90	2.83E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-91m	1.71E-08	8.53E-09	3.60E-14	1.80E-14	0.00E+00	0.00E+00	0.00E+00
Mo-91	7.25E-07	3.63E-07	1.39E-11	6.95E-12	0.00E+00	0.00E+00	0.00E+00
Mo-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-93m	1.49E-08	7.43E-09	1.39E-15	6.94E-16	0.00E+00	0.00E+00	0.00E+00
Mo-99	6.77E-11	3.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
N-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-16	2.85E-05	1.43E-05	5.85E-09	2.92E-09	1.50E-12	1.39E-15	0.00E+00
Na-22	6.59E-09	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Na-24	8.42E-07	4.21E-07	1.25E-11	6.24E-12	0.00E+00	0.00E+00	0.00E+00
Nb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-88m	3.14E-08	1.57E-08	2.68E-13	1.34E-13	0.00E+00	0.00E+00	0.00E+00
Nb-88	3.83E-09	1.91E-09	1.14E-14	5.69E-15	0.00E+00	0.00E+00	0.00E+00
Nb-89	8.09E-07	4.04E-07	1.46E-11	7.29E-12	0.00E+00	0.00E+00	0.00E+00
Nb-89m	2.58E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-90	2.87E-07	1.43E-07	1.72E-12	8.62E-13	0.00E+00	0.00E+00	0.00E+00
Nb-91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-91m	2.96E-09	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92	4.08E-10	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92m	2.31E-09	1.15E-09	9.06E-16	4.53E-16	0.00E+00	0.00E+00	0.00E+00
Nb-93m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94m	1.50E-10	7.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94	2.59E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95	7.99E-11	4.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95m	1.83E-13	9.13E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-96	1.54E-09	7.72E-10	9.99E-18	4.99E-18	0.00E+00	0.00E+00	0.00E+00
Nb-97	1.65E-10	8.24E-11	6.21E-18	3.11E-18	0.00E+00	0.00E+00	0.00E+00
Nb-98m	2.57E-08	1.28E-08	1.09E-13	5.43E-14	0.00E+00	0.00E+00	0.00E+00
Nb-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-99m	5.29E-07	2.64E-07	6.98E-12	3.49E-12	0.00E+00	0.00E+00	0.00E+00
Nd-134	1.52E-10	7.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-135	5.88E-09	2.94E-09	2.19E-15	1.09E-15	0.00E+00	0.00E+00	0.00E+00
Nd-136	5.00E-10	2.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-137	3.26E-08	1.63E-08	1.21E-13	6.05E-14	0.00E+00	0.00E+00	0.00E+00
Nd-138	2.68E-14	1.34E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139	3.42E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139m	1.44E-08	7.18E-09	4.40E-14	2.20E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-141	2.17E-09	1.09E-09	3.64E-17	1.82E-17	0.00E+00	0.00E+00	0.00E+00
Nd-141m	1.00E-10	5.02E-11	1.29E-17	6.44E-18	0.00E+00	0.00E+00	0.00E+00
Nd-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-147	4.19E-12	2.09E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-149	5.48E-11	2.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-151	6.69E-09	3.35E-09	4.14E-15	2.07E-15	0.00E+00	0.00E+00	0.00E+00
Nd-152	1.26E-12	6.28E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-19	9.45E-09	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-24	5.49E-11	2.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-56	3.53E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-57	4.20E-08	2.10E-08	6.53E-14	3.26E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ni-59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-65	1.74E-08	8.72E-09	5.63E-16	2.82E-16	0.00E+00	0.00E+00	0.00E+00
Ni-66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-232	1.20E-09	5.98E-10	4.74E-16	2.37E-16	0.00E+00	0.00E+00	0.00E+00
Np-233	2.30E-13	1.15E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-234	2.16E-08	1.08E-08	5.87E-16	2.93E-16	0.00E+00	0.00E+00	0.00E+00
Np-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236	3.72E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236m	4.29E-12	2.15E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237	1.66E-19	8.29E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-238	1.07E-09	5.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-239	5.49E-16	2.75E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240	5.29E-10	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240m	4.49E-09	2.24E-09	7.71E-16	3.85E-16	0.00E+00	0.00E+00	0.00E+00
Np-241	1.95E-11	9.74E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-242	4.51E-08	2.26E-08	6.98E-14	3.49E-14	0.00E+00	0.00E+00	0.00E+00
Np-242m	3.19E-10	1.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-14	4.90E-07	2.45E-07	3.03E-12	1.52E-12	0.00E+00	0.00E+00	0.00E+00
O-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-19	3.47E-08	1.74E-08	1.35E-12	6.75E-13	0.00E+00	0.00E+00	0.00E+00
Os-180	1.56E-11	7.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-181	2.95E-08	1.47E-08	1.03E-13	5.17E-14	0.00E+00	0.00E+00	0.00E+00
Os-182	1.40E-12	7.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-183	9.55E-10	4.77E-10	5.12E-17	2.56E-17	0.00E+00	0.00E+00	0.00E+00
Os-183m	3.19E-09	1.59E-09	4.09E-16	2.05E-16	0.00E+00	0.00E+00	0.00E+00
Os-185	8.48E-11	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-189m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-190m	5.38E-12	2.69E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-193	2.97E-12	1.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-196	2.50E-12	1.25E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-30	4.59E-07	2.30E-07	4.23E-12	2.11E-12	0.00E+00	0.00E+00	0.00E+00
P-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-228	1.20E-08	6.01E-09	4.83E-15	2.42E-15	0.00E+00	0.00E+00	0.00E+00
Pa-229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-230	5.09E-10	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-231	2.19E-14	1.09E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-232	4.85E-10	2.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-233	5.90E-15	2.95E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-234	5.21E-09	2.61E-09	1.78E-15	8.89E-16	0.00E+00	0.00E+00	0.00E+00
Pa-234m	1.11E-08	5.54E-09	4.97E-15	2.48E-15	0.00E+00	0.00E+00	0.00E+00
Pa-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-236	4.79E-08	2.40E-08	6.30E-14	3.15E-14	0.00E+00	0.00E+00	0.00E+00
Pa-237	4.30E-10	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-194	1.80E-08	8.98E-09	3.89E-14	1.95E-14	0.00E+00	0.00E+00	0.00E+00
Pb-195m	2.66E-09	1.33E-09	1.12E-15	5.61E-16	0.00E+00	0.00E+00	0.00E+00
Pb-196	6.09E-11	3.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-197	6.23E-08	3.12E-08	2.70E-13	1.35E-13	0.00E+00	0.00E+00	0.00E+00
Pb-197m	5.57E-09	2.78E-09	1.67E-14	8.36E-15	0.00E+00	0.00E+00	0.00E+00
Pb-198	4.98E-11	2.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-199	3.65E-08	1.83E-08	1.28E-13	6.42E-14	0.00E+00	0.00E+00	0.00E+00
Pb-200	2.92E-13	1.46E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-201	1.04E-09	5.18E-10	3.46E-17	1.73E-17	0.00E+00	0.00E+00	0.00E+00
Pb-201m	1.36E-11	6.81E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202m	3.53E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-203	6.87E-13	3.44E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-204m	4.61E-10	2.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-211	2.09E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-212	6.93E-16	3.46E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-214	8.78E-12	4.39E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-101	1.71E-09	8.57E-10	1.07E-16	5.33E-17	0.00E+00	0.00E+00	0.00E+00
Pd-103	8.93E-16	4.47E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109	1.47E-12	7.33E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-111	7.52E-09	3.76E-09	1.59E-16	7.95E-17	0.00E+00	0.00E+00	0.00E+00
Pd-112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-114	6.45E-17	3.23E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-96	3.34E-09	1.67E-09	5.38E-16	2.69E-16	0.00E+00	0.00E+00	0.00E+00
Pd-97	2.51E-07	1.25E-07	4.01E-12	2.01E-12	0.00E+00	0.00E+00	0.00E+00
Pd-98	3.73E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-99	9.14E-08	4.57E-08	6.70E-13	3.35E-13	0.00E+00	0.00E+00	0.00E+00
Pm-136	2.93E-10	1.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-137m	1.80E-09	9.01E-10	2.43E-17	1.22E-17	0.00E+00	0.00E+00	0.00E+00
Pm-139	3.94E-08	1.97E-08	1.39E-13	6.97E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pm-140m	4.80E-09	2.40E-09	1.65E-14	8.25E-15	0.00E+00	0.00E+00	0.00E+00
Pm-140	2.32E-08	1.16E-08	1.02E-13	5.11E-14	0.00E+00	0.00E+00	0.00E+00
Pm-141	6.46E-08	3.23E-08	3.44E-13	1.72E-13	0.00E+00	0.00E+00	0.00E+00
Pm-142	1.31E-07	6.56E-08	1.65E-12	8.24E-13	0.00E+00	0.00E+00	0.00E+00
Pm-143	6.27E-11	3.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-144	2.92E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-146	3.93E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-148	1.34E-08	6.72E-09	4.28E-15	2.14E-15	0.00E+00	0.00E+00	0.00E+00
Pm-148m	1.78E-10	8.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-149	5.24E-11	2.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-150	4.50E-08	2.25E-08	3.42E-13	1.71E-13	0.00E+00	0.00E+00	0.00E+00
Pm-151	3.36E-11	1.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-152m	1.89E-08	9.44E-09	7.59E-14	3.79E-14	0.00E+00	0.00E+00	0.00E+00
Pm-152	5.23E-08	2.61E-08	3.50E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Pm-153	7.22E-12	3.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-154	1.60E-07	8.00E-08	1.06E-12	5.30E-13	0.00E+00	0.00E+00	0.00E+00
Pm-154m	3.02E-08	1.51E-08	8.07E-14	4.03E-14	0.00E+00	0.00E+00	0.00E+00
Po-203	3.34E-08	1.67E-08	2.73E-13	1.36E-13	0.00E+00	0.00E+00	0.00E+00
Po-204	5.63E-10	2.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-205	2.24E-08	1.12E-08	1.08E-13	5.39E-14	0.00E+00	0.00E+00	0.00E+00
Po-206	7.23E-10	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-207	6.26E-09	3.13E-09	1.41E-14	7.04E-15	0.00E+00	0.00E+00	0.00E+00
Po-208	1.22E-10	6.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-209	3.52E-10	1.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-210	1.33E-10	6.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-211	3.25E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-212m	7.73E-07	3.87E-07	8.98E-12	4.49E-12	0.00E+00	0.00E+00	0.00E+00
Po-212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-213	8.48E-11	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-214	1.17E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-215	3.44E-13	1.72E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-216	1.41E-10	7.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-134	3.39E-08	1.70E-08	2.02E-13	1.01E-13	0.00E+00	0.00E+00	0.00E+00
Pr-134m	9.44E-08	4.72E-08	3.94E-13	1.97E-13	0.00E+00	0.00E+00	0.00E+00
Pr-135	2.54E-08	1.27E-08	8.24E-14	4.12E-14	0.00E+00	0.00E+00	0.00E+00
Pr-136	1.57E-07	7.83E-08	2.36E-12	1.18E-12	0.00E+00	0.00E+00	0.00E+00
Pr-137	2.92E-08	1.46E-08	8.67E-14	4.34E-14	0.00E+00	0.00E+00	0.00E+00
Pr-138	5.22E-08	2.61E-08	4.27E-13	2.14E-13	0.00E+00	0.00E+00	0.00E+00
Pr-138m	2.72E-09	1.36E-09	3.92E-15	1.96E-15	0.00E+00	0.00E+00	0.00E+00
Pr-139	1.20E-08	6.00E-09	4.21E-15	2.11E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pr-140	2.30E-08	1.15E-08	1.16E-13	5.81E-14	0.00E+00	0.00E+00	0.00E+00
Pr-142	3.11E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-142m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-143	7.01E-11	3.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-144	1.80E-07	9.01E-08	9.31E-13	4.65E-13	0.00E+00	0.00E+00	0.00E+00
Pr-144m	3.06E-09	1.53E-09	1.25E-15	6.25E-16	0.00E+00	0.00E+00	0.00E+00
Pr-145	1.05E-09	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-146	1.24E-07	6.20E-08	1.62E-12	8.12E-13	0.00E+00	0.00E+00	0.00E+00
Pr-147	1.16E-08	5.80E-09	4.04E-14	2.02E-14	0.00E+00	0.00E+00	0.00E+00
Pr-148	1.12E-07	5.59E-08	1.29E-12	6.45E-13	0.00E+00	0.00E+00	0.00E+00
Pr-148m	2.31E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-184	1.37E-11	6.86E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-186	3.45E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-187	7.43E-10	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-188	4.87E-14	2.44E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-189	2.38E-09	1.19E-09	4.37E-16	2.19E-16	0.00E+00	0.00E+00	0.00E+00
Pt-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-191	2.36E-12	1.18E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-195m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197	5.63E-18	2.81E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197m	2.27E-16	1.13E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-199	6.32E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-200	1.25E-14	6.24E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-235	3.19E-11	1.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-236	4.96E-12	2.48E-12	5.07E-16	2.53E-16	9.92E-20	3.15E-22	0.00E+00
Pu-237	1.19E-17	5.95E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	8.29E-12	4.15E-12	8.05E-16	4.03E-16	1.50E-19	4.71E-22	0.00E+00
Pu-239	2.82E-14	1.41E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	3.06E-10	1.53E-10	2.82E-14	1.41E-14	4.95E-18	1.53E-20	0.00E+00
Pu-241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-242	3.75E-08	1.88E-08	3.29E-12	1.64E-12	5.41E-16	1.65E-18	0.00E+00
Pu-243	5.90E-16	2.95E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244	8.66E-07	4.33E-07	7.28E-11	3.64E-11	1.13E-14	3.41E-17	0.00E+00
Pu-245	2.38E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-246	5.78E-19	2.89E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-219	4.91E-12	2.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-220	5.33E-13	2.66E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221	2.28E-14	1.14E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ra-222	6.66E-13	3.33E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223	1.83E-13	9.17E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224	7.71E-14	3.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_226	4.60E-09	2.30E-09	6.83E-16	3.42E-16	0.00E+00	0.00E+00	0.00E+00
Ra-227	1.06E-11	5.32E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_228	4.29E-12	2.14E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-230	3.11E-13	1.56E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-77	6.62E-08	3.31E-08	7.99E-13	4.00E-13	0.00E+00	0.00E+00	0.00E+00
Rb-78m	2.16E-07	1.08E-07	3.90E-12	1.95E-12	0.00E+00	0.00E+00	0.00E+00
Rb-78	2.57E-06	1.29E-06	1.38E-10	6.92E-11	9.65E-15	0.00E+00	0.00E+00
Rb-79	2.26E-08	1.13E-08	2.16E-13	1.08E-13	0.00E+00	0.00E+00	0.00E+00
Rb-80	1.98E-10	9.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-81	1.06E-09	5.31E-10	6.63E-17	3.32E-17	0.00E+00	0.00E+00	0.00E+00
Rb-81m	8.67E-09	4.34E-09	3.58E-15	1.79E-15	0.00E+00	0.00E+00	0.00E+00
Rb-82	1.60E-08	8.02E-09	1.71E-13	8.53E-14	0.00E+00	0.00E+00	0.00E+00
Rb-82m	5.97E-09	2.98E-09	1.04E-14	5.22E-15	0.00E+00	0.00E+00	0.00E+00
Rb-83	5.56E-12	2.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-84	2.98E-09	1.49E-09	1.43E-15	7.14E-16	0.00E+00	0.00E+00	0.00E+00
Rb-84m	2.32E-13	1.16E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86m	7.36E-12	3.68E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86	2.29E-09	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-88	3.56E-07	1.78E-07	1.36E-11	6.82E-12	0.00E+00	0.00E+00	0.00E+00
Rb-89	2.61E-07	1.30E-07	4.29E-12	2.14E-12	0.00E+00	0.00E+00	0.00E+00
Rb-90	5.14E-06	2.57E-06	3.77E-10	1.88E-10	1.21E-14	0.00E+00	0.00E+00
Rb-90m	1.47E-06	7.36E-07	6.13E-11	3.07E-11	0.00E+00	0.00E+00	0.00E+00
Re-178	9.57E-07	4.79E-07	2.22E-11	1.11E-11	0.00E+00	0.00E+00	0.00E+00
Re-179	1.91E-08	9.53E-09	7.04E-15	3.52E-15	0.00E+00	0.00E+00	0.00E+00
Re-180	8.31E-09	4.15E-09	5.04E-14	2.52E-14	0.00E+00	0.00E+00	0.00E+00
Re-181	1.44E-09	7.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-182	4.12E-09	2.06E-09	1.31E-18	6.57E-19	0.00E+00	0.00E+00	0.00E+00
Re-182m	1.76E-08	8.78E-09	4.34E-14	2.17E-14	0.00E+00	0.00E+00	0.00E+00
Re-183	9.79E-17	4.89E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184	3.70E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184m	4.07E-10	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186	1.18E-12	5.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-188	4.45E-09	2.23E-09	1.81E-15	9.06E-16	0.00E+00	0.00E+00	0.00E+00
Re-188m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-189	8.92E-13	4.46E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-190	1.73E-09	8.63E-10	1.75E-15	8.73E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Re-190m	8.79E-10	4.40E-10	2.55E-16	1.28E-16	0.00E+00	0.00E+00	0.00E+00
Rh-100m	1.49E-08	7.46E-09	6.61E-15	3.30E-15	0.00E+00	0.00E+00	0.00E+00
Rh-100	1.82E-07	9.09E-08	1.18E-12	5.88E-13	0.00E+00	0.00E+00	0.00E+00
Rh-101	7.29E-16	3.64E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-101m	4.97E-13	2.48E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-102	1.56E-09	7.79E-10	3.45E-15	1.73E-15	0.00E+00	0.00E+00	0.00E+00
Rh-102m	6.59E-10	3.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-103m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-104	5.32E-10	2.66E-10	7.85E-17	3.92E-17	0.00E+00	0.00E+00	0.00E+00
Rh-104m	2.32E-11	1.16E-11	2.56E-18	1.28E-18	0.00E+00	0.00E+00	0.00E+00
Rh-105	1.53E-15	7.63E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-106	7.90E-09	3.95E-09	5.55E-14	2.77E-14	0.00E+00	0.00E+00	0.00E+00
Rh-106m	6.68E-09	3.34E-09	1.09E-15	5.46E-16	0.00E+00	0.00E+00	0.00E+00
Rh-107	1.09E-11	5.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-108	2.71E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-109	5.38E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-94	1.57E-07	7.86E-08	2.71E-12	1.35E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95	3.71E-07	1.86E-07	9.58E-12	4.79E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95m	1.66E-06	8.29E-07	8.20E-11	4.10E-11	0.00E+00	0.00E+00	0.00E+00
Rh-96	4.55E-08	2.28E-08	5.62E-13	2.81E-13	0.00E+00	0.00E+00	0.00E+00
Rh-96m	1.24E-07	6.18E-08	1.17E-12	5.86E-13	0.00E+00	0.00E+00	0.00E+00
Rh-97	1.04E-07	5.19E-08	1.71E-12	8.54E-13	0.00E+00	0.00E+00	0.00E+00
Rh-97m	3.82E-07	1.91E-07	5.85E-12	2.93E-12	0.00E+00	0.00E+00	0.00E+00
Rh-98	5.27E-08	2.64E-08	4.54E-13	2.27E-13	0.00E+00	0.00E+00	0.00E+00
Rh-99	2.42E-09	1.21E-09	1.15E-15	5.76E-16	0.00E+00	0.00E+00	0.00E+00
Rh-99m	1.40E-09	7.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-207	7.09E-09	3.55E-09	6.34E-14	3.17E-14	0.00E+00	0.00E+00	0.00E+00
Rn-209	8.63E-08	4.32E-08	1.01E-12	5.05E-13	0.00E+00	0.00E+00	0.00E+00
Rn-210	4.04E-10	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-211	5.93E-09	2.97E-09	1.51E-15	7.56E-16	0.00E+00	0.00E+00	0.00E+00
Rn-212	4.45E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-218	1.27E-11	6.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219	5.99E-13	3.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222	1.92E-12	9.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-223	1.57E-09	7.83E-10	5.31E-18	2.65E-18	0.00E+00	0.00E+00	0.00E+00
Ru-103	1.66E-12	8.29E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-105	3.10E-10	1.55E-10	6.83E-17	3.41E-17	0.00E+00	0.00E+00	0.00E+00
Ru-106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-107	1.69E-08	8.44E-09	5.87E-14	2.94E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ru-108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-92	4.83E-08	2.42E-08	2.76E-13	1.38E-13	0.00E+00	0.00E+00	0.00E+00
Ru-94	2.09E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-95	2.51E-08	1.25E-08	1.08E-13	5.38E-14	0.00E+00	0.00E+00	0.00E+00
Ru-97	1.20E-12	6.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-37	2.14E-06	1.07E-06	3.87E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00
S-38	1.67E-07	8.33E-08	4.80E-13	2.40E-13	0.00E+00	0.00E+00	0.00E+00
Sb-111	2.28E-09	1.14E-09	7.63E-16	3.82E-16	0.00E+00	0.00E+00	0.00E+00
Sb-113	1.28E-08	6.42E-09	1.87E-13	9.33E-14	0.00E+00	0.00E+00	0.00E+00
Sb-114	6.71E-08	3.36E-08	1.46E-12	7.31E-13	0.00E+00	0.00E+00	0.00E+00
Sb-115	3.67E-09	1.84E-09	1.25E-14	6.25E-15	0.00E+00	0.00E+00	0.00E+00
Sb-116	1.08E-07	5.41E-08	9.61E-13	4.80E-13	0.00E+00	0.00E+00	0.00E+00
Sb-116m	4.07E-09	2.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-117	2.27E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-118	1.53E-08	7.63E-09	9.22E-14	4.61E-14	0.00E+00	0.00E+00	0.00E+00
Sb-118m	3.02E-09	1.51E-09	2.58E-16	1.29E-16	0.00E+00	0.00E+00	0.00E+00
Sb-119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120	2.09E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120m	2.35E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122	2.04E-10	1.02E-10	1.30E-17	6.52E-18	0.00E+00	0.00E+00	0.00E+00
Sb-124	4.51E-08	2.26E-08	7.44E-14	3.72E-14	0.00E+00	0.00E+00	0.00E+00
Sb-124m	4.44E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-124n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-125	7.70E-12	3.85E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126	1.68E-10	8.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126m	1.29E-10	6.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-127	1.34E-10	6.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-128	9.51E-10	4.76E-10	2.13E-16	1.06E-16	0.00E+00	0.00E+00	0.00E+00
Sb-128m	3.99E-10	2.00E-10	2.29E-17	1.14E-17	0.00E+00	0.00E+00	0.00E+00
Sb-129	1.90E-08	9.48E-09	2.46E-14	1.23E-14	0.00E+00	0.00E+00	0.00E+00
Sb-130m	1.08E-08	5.42E-09	9.85E-14	4.93E-14	0.00E+00	0.00E+00	0.00E+00
Sb-130	6.67E-09	3.34E-09	3.58E-15	1.79E-15	0.00E+00	0.00E+00	0.00E+00
Sb-131	6.74E-08	3.37E-08	3.91E-13	1.96E-13	0.00E+00	0.00E+00	0.00E+00
Sb-133	2.05E-07	1.03E-07	2.41E-12	1.21E-12	0.00E+00	0.00E+00	0.00E+00
Sc-42m	1.56E-08	7.79E-09	7.66E-15	3.83E-15	0.00E+00	0.00E+00	0.00E+00
Sc-43	4.45E-10	2.22E-10	2.32E-16	1.16E-16	0.00E+00	0.00E+00	0.00E+00
Sc-44	6.18E-09	3.09E-09	3.13E-14	1.56E-14	0.00E+00	0.00E+00	0.00E+00
Sc-44m	3.52E-10	1.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-46	1.88E-09	9.40E-10	2.78E-20	1.39E-20	0.00E+00	0.00E+00	0.00E+00
Sc-47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-48	4.62E-09	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sc-49	8.46E-08	4.23E-08	3.94E-14	1.97E-14	0.00E+00	0.00E+00	0.00E+00
Sc-50	2.88E-08	1.44E-08	2.26E-13	1.13E-13	0.00E+00	0.00E+00	0.00E+00
Se-70	9.96E-10	4.98E-10	8.01E-17	4.00E-17	0.00E+00	0.00E+00	0.00E+00
Se-71	5.33E-08	2.66E-08	7.87E-13	3.93E-13	0.00E+00	0.00E+00	0.00E+00
Se-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-73	8.27E-10	4.13E-10	1.90E-15	9.50E-16	0.00E+00	0.00E+00	0.00E+00
Se-73m	2.54E-09	1.27E-09	6.77E-15	3.39E-15	0.00E+00	0.00E+00	0.00E+00
Se-75	9.64E-15	4.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81	1.02E-10	5.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81m	2.33E-14	1.17E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-83m	5.75E-08	2.87E-08	2.36E-13	1.18E-13	0.00E+00	0.00E+00	0.00E+00
Se-83	6.80E-08	3.40E-08	3.15E-13	1.58E-13	0.00E+00	0.00E+00	0.00E+00
Se-84	1.12E-13	5.60E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-31	5.77E-09	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-139	6.39E-08	3.20E-08	7.99E-13	4.00E-13	0.00E+00	0.00E+00	0.00E+00
Sm-140	1.12E-08	5.60E-09	4.27E-15	2.14E-15	0.00E+00	0.00E+00	0.00E+00
Sm-141	2.82E-08	1.41E-08	3.78E-14	1.89E-14	0.00E+00	0.00E+00	0.00E+00
Sm-141m	1.86E-08	9.30E-09	1.98E-14	9.90E-15	0.00E+00	0.00E+00	0.00E+00
Sm-142	9.37E-10	4.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-143	2.76E-08	1.38E-08	1.97E-13	9.87E-14	0.00E+00	0.00E+00	0.00E+00
Sm-143m	7.52E-11	3.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-145	1.71E-16	8.56E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-153	1.41E-13	7.07E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-155	1.16E-10	5.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-156	4.34E-17	2.17E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-157	3.73E-09	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-106	1.48E-09	7.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-108	8.83E-10	4.41E-10	3.88E-16	1.94E-16	0.00E+00	0.00E+00	0.00E+00
Sn-109	1.58E-07	7.88E-08	1.89E-12	9.44E-13	0.00E+00	0.00E+00	0.00E+00
Sn-110	3.34E-16	1.67E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-111	8.55E-08	4.28E-08	3.01E-13	1.51E-13	0.00E+00	0.00E+00	0.00E+00
Sn-113	4.26E-15	2.13E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-117m	5.52E-21	2.76E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-119m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sn-121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123	2.45E-09	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123m	7.52E-15	3.76E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-125m	1.27E-09	6.36E-10	3.26E-16	1.63E-16	0.00E+00	0.00E+00	0.00E+00
Sn-125	2.56E-08	1.28E-08	5.10E-14	2.55E-14	0.00E+00	0.00E+00	0.00E+00
Sn-126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127m	4.29E-09	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127	9.49E-08	4.75E-08	1.06E-12	5.30E-13	0.00E+00	0.00E+00	0.00E+00
Sn-128	8.70E-12	4.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-129	1.61E-08	8.03E-09	6.59E-14	3.30E-14	0.00E+00	0.00E+00	0.00E+00
Sn-130	8.74E-11	4.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-130m	1.68E-08	8.41E-09	3.43E-14	1.71E-14	0.00E+00	0.00E+00	0.00E+00
Sr-79	2.15E-12	1.07E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-80	8.21E-12	4.10E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-81	2.07E-09	1.03E-09	2.99E-16	1.50E-16	0.00E+00	0.00E+00	0.00E+00
Sr-82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-83	1.16E-08	5.80E-09	2.08E-14	1.04E-14	0.00E+00	0.00E+00	0.00E+00
Sr-85	2.48E-12	1.24E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-85m	3.60E-14	1.80E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-87m	6.09E-17	3.05E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-89	5.70E-10	2.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-91	2.04E-09	1.02E-09	7.26E-16	3.63E-16	0.00E+00	0.00E+00	0.00E+00
Sr-92	1.54E-08	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-93	9.38E-08	4.69E-08	8.93E-13	4.46E-13	0.00E+00	0.00E+00	0.00E+00
Sr-94	2.23E-08	1.11E-08	1.69E-14	8.46E-15	0.00E+00	0.00E+00	0.00E+00
Ta-170	1.32E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-172	4.45E-08	2.22E-08	7.46E-13	3.73E-13	0.00E+00	0.00E+00	0.00E+00
Ta-173	5.74E-08	2.87E-08	4.81E-13	2.40E-13	0.00E+00	0.00E+00	0.00E+00
Ta-174	1.34E-07	6.72E-08	1.63E-12	8.16E-13	0.00E+00	0.00E+00	0.00E+00
Ta-175	2.66E-08	1.33E-08	1.04E-14	5.20E-15	0.00E+00	0.00E+00	0.00E+00
Ta-176	1.86E-07	9.30E-08	2.33E-12	1.16E-12	0.00E+00	0.00E+00	0.00E+00
Ta-177	9.94E-11	4.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-178	6.05E-09	3.02E-09	1.31E-17	6.57E-18	0.00E+00	0.00E+00	0.00E+00
Ta-178m	9.07E-14	4.54E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182	3.58E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182m	5.48E-17	2.74E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-183	6.91E-16	3.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-184	4.68E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-185	5.70E-11	2.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ta-186	5.53E-10	2.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-146	2.56E-07	1.28E-07	4.29E-12	2.14E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147m	1.69E-07	8.45E-08	2.82E-12	1.41E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147	7.58E-08	3.79E-08	8.47E-13	4.24E-13	0.00E+00	0.00E+00	0.00E+00
Tb-148m	2.95E-09	1.48E-09	6.03E-15	3.01E-15	0.00E+00	0.00E+00	0.00E+00
Tb-148	3.21E-07	1.61E-07	7.44E-12	3.72E-12	0.00E+00	0.00E+00	0.00E+00
Tb-149m	2.14E-09	1.07E-09	7.89E-16	3.95E-16	0.00E+00	0.00E+00	0.00E+00
Tb-149	1.33E-07	6.63E-08	1.85E-12	9.27E-13	0.00E+00	0.00E+00	0.00E+00
Tb-150m	4.64E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-150	7.43E-07	3.71E-07	2.36E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00
Tb-151	3.93E-09	1.96E-09	2.76E-15	1.38E-15	0.00E+00	0.00E+00	0.00E+00
Tb-151m	8.82E-11	4.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152m	3.81E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152	1.99E-07	9.95E-08	2.46E-12	1.23E-12	0.00E+00	0.00E+00	0.00E+00
Tb-153	2.98E-10	1.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-154	3.20E-07	1.60E-07	3.70E-12	1.85E-12	0.00E+00	0.00E+00	0.00E+00
Tb-155	9.07E-14	4.54E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156	1.18E-08	5.90E-09	6.81E-15	3.41E-15	0.00E+00	0.00E+00	0.00E+00
Tb-156m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-158	7.29E-10	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-160	1.94E-09	9.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-161	3.89E-14	1.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-162	8.79E-10	4.40E-10	1.26E-15	6.31E-16	0.00E+00	0.00E+00	0.00E+00
Tb-163	7.01E-12	3.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-164	5.16E-08	2.58E-08	3.94E-13	1.97E-13	0.00E+00	0.00E+00	0.00E+00
Tb-165	1.77E-08	8.87E-09	3.94E-15	1.97E-15	0.00E+00	0.00E+00	0.00E+00
Tc-101	8.12E-12	4.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-102m	1.08E-07	5.41E-08	5.60E-13	2.80E-13	0.00E+00	0.00E+00	0.00E+00
Tc-102	5.53E-08	2.77E-08	3.33E-13	1.66E-13	0.00E+00	0.00E+00	0.00E+00
Tc-104	3.83E-07	1.91E-07	7.16E-12	3.58E-12	0.00E+00	0.00E+00	0.00E+00
Tc-105	4.35E-08	2.18E-08	1.71E-13	8.55E-14	0.00E+00	0.00E+00	0.00E+00
Tc-91	6.04E-07	3.02E-07	1.37E-11	6.84E-12	0.00E+00	0.00E+00	0.00E+00
Tc-91m	9.41E-09	4.71E-09	1.06E-14	5.28E-15	0.00E+00	0.00E+00	0.00E+00
Tc-92	7.57E-08	3.78E-08	1.74E-12	8.70E-13	0.00E+00	0.00E+00	0.00E+00
Tc-93	3.24E-08	1.62E-08	1.85E-13	9.25E-14	0.00E+00	0.00E+00	0.00E+00
Tc-93m	7.32E-07	3.66E-07	1.12E-11	5.60E-12	0.00E+00	0.00E+00	0.00E+00
Tc-94	9.68E-10	4.84E-10	1.03E-16	5.17E-17	0.00E+00	0.00E+00	0.00E+00
Tc-94m	1.89E-07	9.45E-08	3.03E-12	1.51E-12	0.00E+00	0.00E+00	0.00E+00
Tc-95	2.10E-10	1.05E-10	1.67E-19	8.36E-20	0.00E+00	0.00E+00	0.00E+00
Tc-95m	2.15E-10	1.07E-10	7.52E-18	3.76E-18	0.00E+00	0.00E+00	0.00E+00
Tc-96	4.26E-10	2.13E-10	6.27E-20	3.13E-20	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Tc-96m	4.39E-09	2.19E-09	1.17E-15	5.86E-16	0.00E+00	0.00E+00	0.00E+00
Tc-97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-97m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-98	5.08E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99m	1.57E-21	7.83E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-113	1.30E-07	6.51E-08	9.49E-13	4.74E-13	0.00E+00	0.00E+00	0.00E+00
Te-114	4.67E-08	2.33E-08	7.37E-14	3.69E-14	0.00E+00	0.00E+00	0.00E+00
Te-115	5.32E-08	2.66E-08	7.39E-13	3.69E-13	0.00E+00	0.00E+00	0.00E+00
Te-115m	6.42E-08	3.21E-08	3.01E-13	1.50E-13	0.00E+00	0.00E+00	0.00E+00
Te-116	1.40E-10	7.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-117	1.08E-07	5.41E-08	5.87E-13	2.93E-13	0.00E+00	0.00E+00	0.00E+00
Te-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-119	7.78E-09	3.89E-09	3.48E-15	1.74E-15	0.00E+00	0.00E+00	0.00E+00
Te-119m	1.97E-08	9.83E-09	6.45E-14	3.23E-14	0.00E+00	0.00E+00	0.00E+00
Te-121	7.50E-12	3.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-121m	3.35E-10	1.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-125m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127	1.53E-13	7.64E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127m	1.99E-13	9.97E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129	3.15E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129m	8.08E-11	4.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-131	1.24E-09	6.21E-10	4.30E-16	2.15E-16	0.00E+00	0.00E+00	0.00E+00
Te-131m	1.19E-08	5.93E-09	2.67E-14	1.34E-14	0.00E+00	0.00E+00	0.00E+00
Te-132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-133	7.15E-08	3.58E-08	4.56E-13	2.28E-13	0.00E+00	0.00E+00	0.00E+00
Te-133m	3.00E-08	1.50E-08	2.50E-13	1.25E-13	0.00E+00	0.00E+00	0.00E+00
Te-134	5.63E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-223	5.34E-16	2.67E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-224	1.61E-14	8.05E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-226	3.83E-14	1.92E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-227	3.14E-13	1.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-228	1.58E-14	7.91E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229	4.29E-19	2.15E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-230	3.26E-07	1.63E-07	1.91E-12	9.56E-13	0.00E+00	0.00E+00	0.00E+00
Th-231	3.02E-19	1.51E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-233	7.63E-11	3.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-235	8.95E-11	4.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-236	1.11E-11	5.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ti-44	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-45	1.72E-08	8.62E-09	3.70E-15	1.85E-15	0.00E+00	0.00E+00	0.00E+00
Ti-51	1.08E-10	5.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190	1.74E-09	8.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190m	1.04E-09	5.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194	2.31E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194m	2.90E-09	1.45E-09	1.08E-15	5.41E-16	0.00E+00	0.00E+00	0.00E+00
Tl-195	9.72E-08	4.86E-08	5.02E-13	2.51E-13	0.00E+00	0.00E+00	0.00E+00
Tl-196	7.89E-08	3.95E-08	3.01E-13	1.50E-13	0.00E+00	0.00E+00	0.00E+00
Tl-197	6.36E-09	3.18E-09	6.69E-16	3.35E-16	0.00E+00	0.00E+00	0.00E+00
Tl-198	1.05E-07	5.26E-08	7.09E-13	3.54E-13	0.00E+00	0.00E+00	0.00E+00
Tl-198m	1.12E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-199	1.12E-10	5.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-200	6.15E-09	3.08E-09	3.21E-15	1.61E-15	0.00E+00	0.00E+00	0.00E+00
Tl-201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-202	1.35E-12	6.74E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206m	4.65E-10	2.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206	5.38E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-207	5.24E-10	2.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-208	6.90E-07	3.45E-07	8.11E-12	4.06E-12	0.00E+00	0.00E+00	0.00E+00
Tl-209	2.16E-08	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-210	1.01E-07	5.04E-08	5.66E-13	2.83E-13	0.00E+00	0.00E+00	0.00E+00
Tm-161	4.93E-08	2.47E-08	5.02E-14	2.51E-14	0.00E+00	0.00E+00	0.00E+00
Tm-162	4.74E-07	2.37E-07	1.03E-11	5.16E-12	0.00E+00	0.00E+00	0.00E+00
Tm-163	1.76E-08	8.80E-09	5.76E-15	2.88E-15	0.00E+00	0.00E+00	0.00E+00
Tm-164	1.24E-07	6.22E-08	1.13E-12	5.67E-13	0.00E+00	0.00E+00	0.00E+00
Tm-165	9.69E-10	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-166	7.39E-08	3.70E-08	2.42E-13	1.21E-13	0.00E+00	0.00E+00	0.00E+00
Tm-167	2.73E-13	1.37E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-168	3.09E-10	1.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-172	1.93E-08	9.64E-09	8.84E-16	4.42E-16	0.00E+00	0.00E+00	0.00E+00
Tm-173	4.94E-14	2.47E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-174	7.65E-10	3.82E-10	1.85E-17	9.26E-18	0.00E+00	0.00E+00	0.00E+00
Tm-175	2.02E-09	1.01E-09	1.71E-17	8.55E-18	0.00E+00	0.00E+00	0.00E+00
Tm-176	2.55E-07	1.28E-07	3.66E-12	1.83E-12	0.00E+00	0.00E+00	0.00E+00
U-227	6.54E-17	3.27E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-228	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230	6.56E-15	3.28E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-231	1.19E-18	5.97E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
U-232	1.92E-15	9.59E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-233	2.64E-13	1.32E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235	4.17E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-237	1.94E-17	9.72E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-239	5.79E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-240	4.04E-18	2.02E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-242	5.45E-12	2.73E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-47	1.56E-07	7.78E-08	6.94E-13	3.47E-13	0.00E+00	0.00E+00	0.00E+00
V-48	1.39E-08	6.94E-09	4.73E-14	2.36E-14	0.00E+00	0.00E+00	0.00E+00
V-49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-50	2.66E-08	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-52	2.08E-08	1.04E-08	4.64E-15	2.32E-15	0.00E+00	0.00E+00	0.00E+00
V-53	1.82E-09	9.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-177	1.01E-09	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179m	4.11E-18	2.06E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-187	3.18E-11	1.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-188	2.72E-16	1.36E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-120	1.68E-10	8.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-121	4.08E-07	2.04E-07	5.04E-12	2.52E-12	0.00E+00	0.00E+00	0.00E+00
Xe-122	1.83E-14	9.14E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-123	3.78E-08	1.89E-08	9.20E-14	4.60E-14	0.00E+00	0.00E+00	0.00E+00
Xe-125	2.22E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127	4.24E-15	2.12E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-129m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133	1.89E-19	9.43E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135	1.76E-12	8.80E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135m	4.02E-12	2.01E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-137	6.79E-08	3.40E-08	1.07E-12	5.35E-13	0.00E+00	0.00E+00	0.00E+00
Xe-138	1.20E-07	5.99E-08	3.11E-13	1.56E-13	0.00E+00	0.00E+00	0.00E+00
Y-81	3.59E-14	1.80E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Y-83	1.04E-07	5.21E-08	1.55E-12	7.73E-13	0.00E+00	0.00E+00	0.00E+00
Y-83m	1.78E-13	8.92E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-84m	1.28E-08	6.38E-09	4.59E-14	2.29E-14	0.00E+00	0.00E+00	0.00E+00
Y-85	2.83E-10	1.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-85m	1.56E-07	7.79E-08	1.23E-12	6.17E-13	0.00E+00	0.00E+00	0.00E+00
Y-86	6.90E-08	3.45E-08	6.25E-13	3.13E-13	0.00E+00	0.00E+00	0.00E+00
Y-86m	1.99E-10	9.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87	6.51E-13	3.26E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87m	1.13E-16	5.64E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-88	8.22E-08	4.11E-08	1.59E-13	7.96E-14	0.00E+00	0.00E+00	0.00E+00
Y-89m	5.70E-10	2.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-90	7.03E-09	3.51E-09	3.71E-14	1.85E-14	0.00E+00	0.00E+00	0.00E+00
Y-90m	2.61E-11	1.30E-11	1.58E-16	7.92E-17	0.00E+00	0.00E+00	0.00E+00
Y-91	4.31E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-91m	7.30E-12	3.65E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-92	1.14E-08	5.70E-09	5.42E-14	2.71E-14	0.00E+00	0.00E+00	0.00E+00
Y-93	7.12E-08	3.56E-08	1.94E-13	9.71E-14	0.00E+00	0.00E+00	0.00E+00
Y-94	9.33E-08	4.67E-08	1.87E-12	9.33E-13	0.00E+00	0.00E+00	0.00E+00
Y-95	1.21E-06	6.07E-07	3.15E-11	1.57E-11	0.00E+00	0.00E+00	0.00E+00
Yb-162	1.04E-11	5.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-163	2.52E-08	1.26E-08	1.26E-14	6.29E-15	0.00E+00	0.00E+00	0.00E+00
Yb-164	1.96E-11	9.79E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-165	5.50E-09	2.75E-09	3.84E-15	1.92E-15	0.00E+00	0.00E+00	0.00E+00
Yb-166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-167	5.08E-10	2.54E-10	3.09E-17	1.54E-17	0.00E+00	0.00E+00	0.00E+00
Yb-169	2.91E-15	1.46E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-175	8.47E-17	4.24E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-177	2.26E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-178	1.57E-16	7.84E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-179	3.91E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-60	4.14E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-61	2.85E-07	1.42E-07	4.00E-12	2.00E-12	0.00E+00	0.00E+00	0.00E+00
Zn-62	4.49E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-63	3.76E-08	1.88E-08	3.64E-13	1.82E-13	0.00E+00	0.00E+00	0.00E+00
Zn-65	2.93E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69	1.52E-10	7.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69m	3.49E-13	1.74E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-71	3.73E-09	1.87E-09	7.08E-15	3.54E-15	0.00E+00	0.00E+00	0.00E+00
Zn-71m	1.77E-09	8.87E-10	3.07E-15	1.54E-15	0.00E+00	0.00E+00	0.00E+00
Zn-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-85	1.64E-08	8.18E-09	7.91E-15	3.95E-15	0.00E+00	0.00E+00	0.00E+00
Zr-86	1.61E-12	8.07E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-87	8.58E-08	4.29E-08	8.05E-13	4.03E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Zr-88	3.18E-17	1.59E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-89	1.81E-09	9.04E-10	5.29E-16	2.65E-16	0.00E+00	0.00E+00	0.00E+00
Zr-89m	3.47E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-95	7.01E-11	3.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-97	2.95E-09	1.47E-09	1.15E-15	5.75E-16	0.00E+00	0.00E+00	0.00E+00

Table 3: 5 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223	3.37E-13	1.68E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-224	1.40E-16	6.99E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225	7.90E-13	3.95E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-226	9.37E-14	4.69E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227	1.46E-14	7.31E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-228	1.07E-08	5.33E-09	2.18E-15	1.09E-15	0.00E+00	0.00E+00	0.00E+00
Ac-230	9.96E-08	4.98E-08	2.36E-13	1.18E-13	0.00E+00	0.00E+00	0.00E+00
Ac-231	4.75E-15	2.38E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-232	1.24E-07	6.19E-08	8.25E-14	4.13E-14	0.00E+00	0.00E+00	0.00E+00
Ac-233	5.81E-12	2.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-100m	7.97E-08	3.99E-08	2.38E-13	1.19E-13	0.00E+00	0.00E+00	0.00E+00
Ag-101	1.16E-07	5.79E-08	1.32E-12	6.58E-13	0.00E+00	0.00E+00	0.00E+00
Ag-102m	1.01E-06	5.07E-07	2.03E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00
Ag-102	3.16E-07	1.58E-07	6.67E-12	3.34E-12	0.00E+00	0.00E+00	0.00E+00
Ag-103	2.28E-08	1.14E-08	9.34E-14	4.67E-14	0.00E+00	0.00E+00	0.00E+00
Ag-104	2.07E-08	1.03E-08	6.13E-14	3.07E-14	0.00E+00	0.00E+00	0.00E+00
Ag-104m	5.82E-07	2.91E-07	1.16E-11	5.81E-12	0.00E+00	0.00E+00	0.00E+00
Ag-105	2.97E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-105m	3.37E-10	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-106	1.57E-09	7.87E-10	8.26E-15	4.13E-15	0.00E+00	0.00E+00	0.00E+00
Ag-106m	9.26E-09	4.63E-09	1.88E-15	9.42E-16	0.00E+00	0.00E+00	0.00E+00
Ag-108	1.53E-10	7.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m	3.95E-11	1.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110	1.40E-09	7.00E-10	9.18E-16	4.59E-16	0.00E+00	0.00E+00	0.00E+00
Ag-110m	6.75E-09	3.38E-09	2.32E-17	1.16E-17	0.00E+00	0.00E+00	0.00E+00
Ag-111	1.11E-12	5.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-111m	8.74E-12	4.37E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-112	1.57E-07	7.84E-08	1.35E-12	6.73E-13	0.00E+00	0.00E+00	0.00E+00
Ag-113m	2.16E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-113	9.98E-10	4.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-114	2.07E-07	1.04E-07	2.37E-12	1.19E-12	0.00E+00	0.00E+00	0.00E+00
Ag-115	1.78E-07	8.88E-08	9.22E-13	4.61E-13	0.00E+00	0.00E+00	0.00E+00
Ag-116	6.54E-07	3.27E-07	8.88E-12	4.44E-12	0.00E+00	0.00E+00	0.00E+00
Ag-117	5.38E-07	2.69E-07	6.95E-12	3.48E-12	0.00E+00	0.00E+00	0.00E+00
Ag-99	3.16E-07	1.58E-07	6.10E-12	3.05E-12	0.00E+00	0.00E+00	0.00E+00
Al-26	1.64E-07	8.19E-08	2.22E-13	1.11E-13	0.00E+00	0.00E+00	0.00E+00
Al-28	1.44E-07	7.21E-08	7.60E-14	3.80E-14	0.00E+00	0.00E+00	0.00E+00
Al-29	9.89E-08	4.94E-08	5.61E-13	2.81E-13	0.00E+00	0.00E+00	0.00E+00
Am-237	6.95E-11	3.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-238	8.03E-09	4.01E-09	1.45E-15	7.26E-16	0.00E+00	0.00E+00	0.00E+00
Am-239	9.76E-16	4.88E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Am-240	1.05E-09	5.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-241	3.13E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242m	6.02E-20	3.01E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243	9.03E-15	4.51E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244	3.03E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244m	2.16E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-245	2.06E-17	1.03E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246	8.15E-11	4.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246m	4.83E-09	2.42E-09	1.21E-15	6.07E-16	0.00E+00	0.00E+00	0.00E+00
Am-247	1.88E-16	9.39E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-41	1.20E-08	5.99E-09	2.44E-17	1.22E-17	0.00E+00	0.00E+00	0.00E+00
Ar-42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-43	3.78E-07	1.89E-07	6.56E-12	3.28E-12	0.00E+00	0.00E+00	0.00E+00
Ar-44	1.24E-07	6.18E-08	1.27E-13	6.34E-14	0.00E+00	0.00E+00	0.00E+00
As-68	2.35E-07	1.18E-07	3.48E-12	1.74E-12	0.00E+00	0.00E+00	0.00E+00
As-69	1.69E-07	8.43E-08	1.35E-12	6.76E-13	0.00E+00	0.00E+00	0.00E+00
As-70	1.01E-07	5.04E-08	1.87E-12	9.36E-13	0.00E+00	0.00E+00	0.00E+00
As-71	1.97E-09	9.83E-10	3.00E-16	1.50E-16	0.00E+00	0.00E+00	0.00E+00
As-72	1.64E-07	8.19E-08	3.45E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00
As-73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-74	3.98E-10	1.99E-10	1.82E-15	9.11E-16	0.00E+00	0.00E+00	0.00E+00
As-76	2.41E-08	1.21E-08	1.20E-13	6.00E-14	0.00E+00	0.00E+00	0.00E+00
As-77	1.58E-12	7.88E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-78	1.32E-07	6.60E-08	1.28E-12	6.40E-13	0.00E+00	0.00E+00	0.00E+00
As-79	2.90E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-204	1.10E-10	5.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-205	5.49E-08	2.75E-08	5.01E-13	2.50E-13	0.00E+00	0.00E+00	0.00E+00
At-206	2.42E-08	1.21E-08	1.22E-13	6.12E-14	0.00E+00	0.00E+00	0.00E+00
At-207	1.11E-07	5.53E-08	1.03E-12	5.14E-13	0.00E+00	0.00E+00	0.00E+00
At-208	7.34E-08	3.67E-08	6.45E-13	3.22E-13	0.00E+00	0.00E+00	0.00E+00
At-209	4.61E-09	2.31E-09	1.30E-14	6.51E-15	0.00E+00	0.00E+00	0.00E+00
At-210	2.90E-08	1.45E-08	6.11E-14	3.06E-14	0.00E+00	0.00E+00	0.00E+00
At-211	4.04E-12	2.02E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-215	8.26E-14	4.13E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-216	3.96E-15	1.98E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-217	4.41E-12	2.20E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-220	8.60E-12	4.30E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-186	3.58E-08	1.79E-08	6.67E-14	3.34E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Au-187	8.18E-08	4.09E-08	1.95E-13	9.75E-14	0.00E+00	0.00E+00	0.00E+00
Au-190	7.86E-07	3.93E-07	1.09E-11	5.46E-12	0.00E+00	0.00E+00	0.00E+00
Au-191	2.55E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-192	3.11E-07	1.55E-07	2.48E-12	1.24E-12	0.00E+00	0.00E+00	0.00E+00
Au-193	1.67E-11	8.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-193m	7.22E-17	3.61E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-194	6.96E-08	3.48E-08	1.30E-13	6.51E-14	0.00E+00	0.00E+00	0.00E+00
Au-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-195m	1.13E-16	5.64E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196	1.32E-11	6.62E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196m	4.97E-17	2.48E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198	1.51E-11	7.54E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198m	5.56E-17	2.78E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-200	8.48E-09	4.24E-09	8.41E-16	4.20E-16	0.00E+00	0.00E+00	0.00E+00
Au-200m	5.69E-11	2.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-201	1.34E-11	6.70E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-202	8.68E-09	4.34E-09	2.79E-15	1.39E-15	0.00E+00	0.00E+00	0.00E+00
Ba-124	4.04E-09	2.02E-09	3.87E-16	1.93E-16	0.00E+00	0.00E+00	0.00E+00
Ba-126	2.08E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-127	1.24E-07	6.19E-08	5.18E-13	2.59E-13	0.00E+00	0.00E+00	0.00E+00
Ba-128	1.87E-16	9.36E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-129	5.43E-08	2.71E-08	2.94E-14	1.47E-14	0.00E+00	0.00E+00	0.00E+00
Ba-129m	1.07E-08	5.35E-09	1.28E-15	6.41E-16	0.00E+00	0.00E+00	0.00E+00
Ba-131	9.87E-11	4.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133	2.60E-16	1.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133m	2.14E-14	1.07E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-135m	1.58E-16	7.91E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-137m	4.21E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-139	2.64E-09	1.32E-09	8.22E-17	4.11E-17	0.00E+00	0.00E+00	0.00E+00
Ba-140	5.20E-12	2.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-141	3.05E-08	1.52E-08	1.03E-13	5.15E-14	0.00E+00	0.00E+00	0.00E+00
Ba-142	3.32E-09	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-7	9.52E-13	4.76E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-197	1.69E-08	8.47E-09	5.18E-15	2.59E-15	0.00E+00	0.00E+00	0.00E+00
Bi-200	9.43E-10	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-201	5.76E-08	2.88E-08	1.89E-13	9.47E-14	0.00E+00	0.00E+00	0.00E+00
Bi-202	6.16E-08	3.08E-08	1.15E-12	5.75E-13	0.00E+00	0.00E+00	0.00E+00
Bi-203	7.52E-08	3.76E-08	1.41E-13	7.04E-14	0.00E+00	0.00E+00	0.00E+00
Bi-204	3.96E-08	1.98E-08	2.94E-13	1.47E-13	0.00E+00	0.00E+00	0.00E+00
Bi-205	7.22E-08	3.61E-08	4.69E-14	2.35E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Bi-206	2.42E-08	1.21E-08	2.60E-14	1.30E-14	0.00E+00	0.00E+00	0.00E+00
Bi-207	1.18E-08	5.88E-09	5.31E-15	2.65E-15	0.00E+00	0.00E+00	0.00E+00
Bi-208	1.34E-06	6.69E-07	1.49E-11	7.43E-12	0.00E+00	0.00E+00	0.00E+00
Bi-210	3.54E-16	1.77E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m	3.63E-12	1.82E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-211	3.02E-16	1.51E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212	1.91E-08	9.55E-09	4.85E-15	2.43E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213	1.23E-10	6.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214	1.17E-07	5.86E-08	5.29E-13	2.64E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215	2.73E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216	6.65E-12	3.33E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-245	1.56E-15	7.79E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-246	9.69E-10	4.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-247	9.50E-17	4.75E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-248m	5.02E-12	2.51E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-249	4.22E-16	2.11E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-250	1.74E-09	8.69E-10	2.49E-17	1.24E-17	0.00E+00	0.00E+00	0.00E+00
Bk-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-72	1.04E-07	5.20E-08	6.03E-13	3.02E-13	0.00E+00	0.00E+00	0.00E+00
Br-73	2.22E-09	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-74	3.74E-06	1.87E-06	1.75E-10	8.74E-11	0.00E+00	0.00E+00	0.00E+00
Br-74m	1.59E-06	7.97E-07	5.55E-11	2.77E-11	0.00E+00	0.00E+00	0.00E+00
Br-75	8.79E-10	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-76	8.54E-07	4.27E-07	1.91E-11	9.54E-12	0.00E+00	0.00E+00	0.00E+00
Br-76m	1.20E-11	5.99E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77	6.64E-11	3.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-78	1.06E-08	5.30E-09	6.50E-14	3.25E-14	0.00E+00	0.00E+00	0.00E+00
Br-80	1.38E-10	6.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-80m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-82m	5.75E-09	2.87E-09	1.52E-14	7.62E-15	0.00E+00	0.00E+00	0.00E+00
Br-82	5.68E-09	2.84E-09	2.21E-16	1.10E-16	0.00E+00	0.00E+00	0.00E+00
Br-83	6.33E-12	3.16E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-84m	1.88E-08	9.41E-09	1.46E-15	7.32E-16	0.00E+00	0.00E+00	0.00E+00
Br-84	1.93E-06	9.63E-07	6.41E-11	3.20E-11	0.00E+00	0.00E+00	0.00E+00
Br-85	2.88E-08	1.44E-08	7.71E-14	3.86E-14	0.00E+00	0.00E+00	0.00E+00
C-10	1.16E-10	5.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-47	1.14E-08	5.71E-09	4.93E-17	2.47E-17	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ca-49	3.71E-06	1.86E-06	9.83E-11	4.92E-11	0.00E+00	0.00E+00	0.00E+00
Cd-101	1.84E-07	9.20E-08	1.63E-12	8.14E-13	0.00E+00	0.00E+00	0.00E+00
Cd-102	5.27E-09	2.63E-09	1.36E-15	6.80E-16	0.00E+00	0.00E+00	0.00E+00
Cd-103	3.71E-07	1.85E-07	3.73E-12	1.87E-12	0.00E+00	0.00E+00	0.00E+00
Cd-104	4.76E-11	2.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-105	1.76E-07	8.82E-08	8.08E-13	4.04E-13	0.00E+00	0.00E+00	0.00E+00
Cd-107	7.19E-11	3.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-111m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113m	1.32E-16	6.61E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115	4.50E-12	2.25E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115m	4.85E-09	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-117	2.26E-08	1.13E-08	5.33E-15	2.66E-15	0.00E+00	0.00E+00	0.00E+00
Cd-117m	1.76E-07	8.78E-08	7.18E-13	3.59E-13	0.00E+00	0.00E+00	0.00E+00
Cd-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-119	1.90E-07	9.51E-08	1.12E-12	5.61E-13	0.00E+00	0.00E+00	0.00E+00
Cd-119m	1.68E-07	8.42E-08	8.52E-13	4.26E-13	0.00E+00	0.00E+00	0.00E+00
Ce-130	1.74E-09	8.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-131	2.93E-08	1.46E-08	4.25E-14	2.12E-14	0.00E+00	0.00E+00	0.00E+00
Ce-132	1.78E-12	8.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133	4.77E-12	2.39E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133m	4.28E-08	2.14E-08	9.86E-14	4.93E-14	0.00E+00	0.00E+00	0.00E+00
Ce-134	1.68E-17	8.40E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-135	9.96E-10	4.98E-10	1.95E-16	9.74E-17	0.00E+00	0.00E+00	0.00E+00
Ce-137	3.27E-11	1.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-137m	4.70E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-139	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-143	1.21E-10	6.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-145	1.02E-09	5.11E-10	2.04E-18	1.02E-18	0.00E+00	0.00E+00	0.00E+00
Cf-244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-246	5.88E-08	2.94E-08	6.27E-12	3.14E-12	1.30E-15	4.06E-18	0.00E+00
Cf-247	2.58E-14	1.29E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-248	4.66E-07	2.33E-07	4.75E-11	2.37E-11	9.38E-15	2.90E-17	0.00E+00
Cf-249	4.29E-13	2.15E-13	2.41E-17	1.21E-17	4.65E-21	1.43E-23	0.00E+00
Cf-250	1.40E-06	7.00E-07	1.36E-10	6.80E-11	2.56E-14	7.82E-17	0.00E+00
Cf-251	2.20E-17	1.10E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-252	1.46E-06	7.28E-07	1.36E-10	6.78E-11	2.42E-14	7.30E-17	0.00E+00
Cf-253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-254	1.44E-06	7.19E-07	1.28E-10	6.42E-11	2.17E-14	6.45E-17	0.00E+00
Cf-255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cl-34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-34m	1.41E-06	7.04E-07	3.39E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00
Cl-36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-38	3.42E-07	1.71E-07	1.66E-12	8.28E-13	0.00E+00	0.00E+00	0.00E+00
Cl-39	2.04E-08	1.02E-08	4.76E-15	2.38E-15	0.00E+00	0.00E+00	0.00E+00
Cl-40	4.10E-06	2.05E-06	5.05E-10	2.52E-10	1.07E-13	1.51E-17	0.00E+00
Cm-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-240	5.78E-10	2.89E-10	6.25E-14	3.13E-14	1.31E-17	4.12E-20	0.00E+00
Cm-241	1.63E-12	8.17E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-242	1.20E-09	5.98E-10	1.23E-13	6.16E-14	2.46E-17	7.65E-20	0.00E+00
Cm-243	1.00E-16	5.02E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-244	3.35E-08	1.68E-08	3.30E-12	1.65E-12	6.27E-16	1.92E-18	0.00E+00
Cm-245	1.16E-12	5.82E-13	1.12E-16	5.60E-17	2.08E-20	6.34E-23	0.00E+00
Cm-246	1.27E-06	6.36E-07	1.20E-10	6.02E-11	2.19E-14	6.64E-17	0.00E+00
Cm-247	5.78E-14	2.89E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-248	1.44E-06	7.21E-07	1.30E-10	6.50E-11	2.22E-14	6.64E-17	0.00E+00
Cm-249	1.62E-11	8.12E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250	1.43E-06	7.13E-07	1.24E-10	6.19E-11	2.01E-14	5.91E-17	0.00E+00
Cm-251	1.21E-10	6.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-54m	1.41E-08	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-55	2.03E-08	1.02E-08	1.58E-13	7.89E-14	0.00E+00	0.00E+00	0.00E+00
Co-56	7.12E-07	3.56E-07	1.41E-11	7.06E-12	0.00E+00	0.00E+00	0.00E+00
Co-57	6.42E-13	3.21E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-58	1.14E-09	5.68E-10	3.55E-16	1.78E-16	0.00E+00	0.00E+00	0.00E+00
Co-58m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-60	1.16E-08	5.79E-09	2.38E-17	1.19E-17	0.00E+00	0.00E+00	0.00E+00
Co-60m	1.30E-08	6.51E-09	7.59E-15	3.79E-15	0.00E+00	0.00E+00	0.00E+00
Co-61	3.79E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-62	3.44E-07	1.72E-07	7.33E-12	3.66E-12	0.00E+00	0.00E+00	0.00E+00
Co-62m	1.07E-07	5.35E-08	8.59E-13	4.29E-13	0.00E+00	0.00E+00	0.00E+00
Cr-48	5.17E-16	2.59E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-49	6.84E-10	3.42E-10	8.77E-16	4.39E-16	0.00E+00	0.00E+00	0.00E+00
Cr-51	5.64E-16	2.82E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-55	1.10E-07	5.50E-08	4.60E-13	2.30E-13	0.00E+00	0.00E+00	0.00E+00
Cr-56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121	5.02E-09	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121m	2.72E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-123	2.44E-09	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-124	1.28E-07	6.38E-08	9.93E-13	4.96E-13	0.00E+00	0.00E+00	0.00E+00
Cs-125	6.44E-08	3.22E-08	4.01E-13	2.00E-13	0.00E+00	0.00E+00	0.00E+00
Cs-126	5.22E-08	2.61E-08	3.52E-13	1.76E-13	0.00E+00	0.00E+00	0.00E+00
Cs-127	1.33E-09	6.65E-10	2.71E-16	1.35E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cs-128	4.37E-08	2.18E-08	3.03E-13	1.51E-13	0.00E+00	0.00E+00	0.00E+00
Cs-129	1.02E-11	5.08E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130m	4.43E-13	2.22E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130	3.85E-08	1.92E-08	4.23E-14	2.12E-14	0.00E+00	0.00E+00	0.00E+00
Cs-131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-132	6.50E-10	3.25E-10	2.48E-16	1.24E-16	0.00E+00	0.00E+00	0.00E+00
Cs-134	6.79E-10	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-134m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135m	2.95E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-136	1.89E-09	9.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-137	1.70E-12	8.48E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138m	1.93E-08	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138	2.51E-07	1.25E-07	3.01E-12	1.50E-12	0.00E+00	0.00E+00	0.00E+00
Cs-139	6.56E-07	3.28E-07	1.59E-11	7.95E-12	0.00E+00	0.00E+00	0.00E+00
Cs-140	8.20E-07	4.10E-07	1.72E-11	8.62E-12	0.00E+00	0.00E+00	0.00E+00
Cu-57	2.70E-07	1.35E-07	3.99E-12	1.99E-12	0.00E+00	0.00E+00	0.00E+00
Cu-59	1.72E-08	8.59E-09	2.95E-14	1.47E-14	0.00E+00	0.00E+00	0.00E+00
Cu-60	5.12E-07	2.56E-07	1.34E-11	6.68E-12	1.79E-18	0.00E+00	0.00E+00
Cu-61	4.76E-09	2.38E-09	1.03E-14	5.15E-15	0.00E+00	0.00E+00	0.00E+00
Cu-62	2.81E-07	1.41E-07	5.98E-12	2.99E-12	0.00E+00	0.00E+00	0.00E+00
Cu-64	1.79E-08	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-66	2.32E-09	1.16E-09	8.69E-18	4.34E-18	0.00E+00	0.00E+00	0.00E+00
Cu-67	1.12E-17	5.59E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-69	6.18E-09	3.09E-09	1.85E-15	9.24E-16	0.00E+00	0.00E+00	0.00E+00
Dy-148	6.43E-10	3.21E-10	1.66E-16	8.28E-17	0.00E+00	0.00E+00	0.00E+00
Dy-149	5.46E-08	2.73E-08	4.48E-14	2.24E-14	0.00E+00	0.00E+00	0.00E+00
Dy-150	4.45E-18	2.23E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-151	2.14E-08	1.07E-08	1.16E-14	5.82E-15	0.00E+00	0.00E+00	0.00E+00
Dy-152	6.38E-17	3.19E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-153	1.39E-08	6.97E-09	3.99E-15	1.99E-15	0.00E+00	0.00E+00	0.00E+00
Dy-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-155	8.94E-09	4.47E-09	1.62E-15	8.10E-16	0.00E+00	0.00E+00	0.00E+00
Dy-157	3.60E-12	1.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-159	5.19E-20	2.60E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165m	1.80E-12	9.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165	2.24E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-166	3.26E-14	1.63E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-167	2.89E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-168	4.69E-12	2.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-156	3.20E-17	1.60E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-159	3.55E-08	1.78E-08	7.99E-14	3.99E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Er-161	5.14E-09	2.57E-09	8.66E-16	4.33E-16	0.00E+00	0.00E+00	0.00E+00
Er-163	9.25E-11	4.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-167m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-171	2.91E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-172	9.08E-12	4.54E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-173	4.66E-10	2.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-249	4.11E-10	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250	2.36E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250m	7.43E-09	3.71E-09	1.55E-15	7.73E-16	0.00E+00	0.00E+00	0.00E+00
Es-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-253	3.10E-09	1.55E-09	2.99E-13	1.49E-13	5.57E-17	1.70E-19	0.00E+00
Es-254	6.31E-11	3.15E-11	5.95E-15	2.97E-15	1.08E-18	3.27E-21	0.00E+00
Es-254m	1.80E-08	8.99E-09	1.69E-12	8.45E-13	3.06E-16	9.29E-19	0.00E+00
Es-255	1.45E-06	7.26E-07	1.34E-10	6.69E-11	2.36E-14	7.10E-17	0.00E+00
Es-256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-142	1.75E-07	8.76E-08	9.17E-13	4.59E-13	0.00E+00	0.00E+00	0.00E+00
Eu-142m	6.54E-09	3.27E-09	1.97E-14	9.83E-15	0.00E+00	0.00E+00	0.00E+00
Eu-143	1.51E-07	7.55E-08	1.07E-12	5.34E-13	0.00E+00	0.00E+00	0.00E+00
Eu-144	1.60E-07	8.02E-08	6.58E-13	3.29E-13	0.00E+00	0.00E+00	0.00E+00
Eu-145	6.21E-08	3.11E-08	1.10E-13	5.51E-14	0.00E+00	0.00E+00	0.00E+00
Eu-146	5.63E-08	2.82E-08	3.16E-13	1.58E-13	0.00E+00	0.00E+00	0.00E+00
Eu-147	1.68E-09	8.38E-10	6.37E-18	3.19E-18	0.00E+00	0.00E+00	0.00E+00
Eu-148	7.95E-09	3.97E-09	7.19E-15	3.60E-15	0.00E+00	0.00E+00	0.00E+00
Eu-149	5.20E-13	2.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-150	2.49E-09	1.24E-09	3.02E-16	1.51E-16	0.00E+00	0.00E+00	0.00E+00
Eu-150m	1.31E-08	6.57E-09	6.96E-15	3.48E-15	0.00E+00	0.00E+00	0.00E+00
Eu-152	8.37E-09	4.19E-09	2.04E-17	1.02E-17	0.00E+00	0.00E+00	0.00E+00
Eu-152m	2.20E-09	1.10E-09	2.05E-17	1.02E-17	0.00E+00	0.00E+00	0.00E+00
Eu-152n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-154	5.23E-09	2.62E-09	1.11E-16	5.54E-17	0.00E+00	0.00E+00	0.00E+00
Eu-154m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-156	1.38E-07	6.90E-08	5.47E-13	2.73E-13	0.00E+00	0.00E+00	0.00E+00
Eu-157	3.91E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-158	6.88E-08	3.44E-08	4.15E-13	2.08E-13	0.00E+00	0.00E+00	0.00E+00
Eu-159	3.34E-09	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-17	6.16E-10	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-52	2.55E-09	1.27E-09	1.14E-15	5.69E-16	0.00E+00	0.00E+00	0.00E+00
Fe-53	1.14E-07	5.69E-08	1.54E-12	7.71E-13	0.00E+00	0.00E+00	0.00E+00
Fe-53m	7.38E-08	3.69E-08	4.50E-13	2.25E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Fe-55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-59	7.44E-09	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-61	7.79E-08	3.90E-08	8.42E-13	4.21E-13	0.00E+00	0.00E+00	0.00E+00
Fe-62	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-251	4.21E-10	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-252	3.93E-07	1.97E-07	4.13E-11	2.06E-11	8.41E-15	2.62E-17	0.00E+00
Fm-253	6.53E-16	3.26E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-254	1.36E-06	6.79E-07	1.36E-10	6.79E-11	2.63E-14	8.10E-17	0.00E+00
Fm-255	5.52E-10	2.76E-10	5.36E-14	2.68E-14	1.01E-17	3.08E-20	0.00E+00
Fm-256	1.47E-06	7.34E-07	1.40E-10	6.99E-11	2.56E-14	7.80E-17	0.00E+00
Fm-257	3.04E-07	1.52E-07	2.82E-11	1.41E-11	5.00E-15	1.51E-17	0.00E+00
Fr-212	6.14E-09	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-219	1.13E-12	5.66E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-220	2.10E-15	1.05E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221	3.65E-15	1.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-222	1.69E-09	8.46E-10	3.67E-17	1.83E-17	0.00E+00	0.00E+00	0.00E+00
Fr-223	3.84E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-224	2.91E-08	1.46E-08	5.36E-14	2.68E-14	0.00E+00	0.00E+00	0.00E+00
Fr-227	1.78E-09	8.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-64	1.76E-06	8.81E-07	6.34E-11	3.17E-11	2.20E-16	0.00E+00	0.00E+00
Ga-65	3.46E-08	1.73E-08	2.80E-13	1.40E-13	0.00E+00	0.00E+00	0.00E+00
Ga-66	3.55E-06	1.78E-06	2.12E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00
Ga-67	6.67E-12	3.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-68	1.60E-08	7.98E-09	1.85E-14	9.23E-15	0.00E+00	0.00E+00	0.00E+00
Ga-70	2.17E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-72	3.00E-07	1.50E-07	2.01E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00
Ga-73	1.28E-10	6.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-74	5.69E-07	2.85E-07	8.22E-12	4.11E-12	0.00E+00	0.00E+00	0.00E+00
Gd-142	3.89E-08	1.95E-08	1.87E-14	9.33E-15	0.00E+00	0.00E+00	0.00E+00
Gd-143m	3.70E-08	1.85E-08	3.45E-14	1.72E-14	0.00E+00	0.00E+00	0.00E+00
Gd-144	5.33E-07	2.66E-07	4.44E-12	2.22E-12	0.00E+00	0.00E+00	0.00E+00
Gd-145m	7.76E-11	3.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-145	7.61E-07	3.81E-07	2.67E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00
Gd-146	2.45E-14	1.23E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-147	4.78E-09	2.39E-09	1.64E-15	8.18E-16	0.00E+00	0.00E+00	0.00E+00
Gd-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-149	1.07E-10	5.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-151	5.00E-17	2.50E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-159	3.78E-13	1.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Gd-162	3.39E-13	1.69E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-66	2.70E-09	1.35E-09	3.02E-16	1.51E-16	0.00E+00	0.00E+00	0.00E+00
Ge-67	2.28E-07	1.14E-07	4.36E-12	2.18E-12	0.00E+00	0.00E+00	0.00E+00
Ge-68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-69	1.19E-08	5.95E-09	1.08E-14	5.41E-15	0.00E+00	0.00E+00	0.00E+00
Ge-71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-75	3.86E-13	1.93E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-77	2.04E-08	1.02E-08	7.26E-14	3.63E-14	0.00E+00	0.00E+00	0.00E+00
Ge-78	2.88E-16	1.44E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-167	5.26E-16	2.63E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-169	9.43E-13	4.71E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-170	1.19E-11	5.97E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-173	1.96E-10	9.80E-11	1.82E-16	9.11E-17	0.00E+00	0.00E+00	0.00E+00
Hf-174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-175	8.99E-15	4.50E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-177m	2.27E-12	1.13E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-178m	3.23E-12	1.62E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-179m	2.61E-13	1.31E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-180m	3.08E-13	1.54E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-181	8.09E-13	4.04E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182	1.97E-16	9.83E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182m	2.22E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-183	1.95E-09	9.74E-10	1.15E-16	5.75E-17	0.00E+00	0.00E+00	0.00E+00
Hf-184	2.01E-16	1.01E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-190	5.74E-13	2.87E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-191m	1.61E-08	8.03E-09	5.24E-15	2.62E-15	0.00E+00	0.00E+00	0.00E+00
Hg-192	6.21E-15	3.11E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193	3.52E-08	1.76E-08	1.76E-14	8.80E-15	0.00E+00	0.00E+00	0.00E+00
Hg-193m	1.58E-08	7.88E-09	4.43E-15	2.22E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195	9.41E-10	4.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195m	3.12E-10	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197	4.10E-19	2.05E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197m	1.36E-16	6.80E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-199m	1.97E-16	9.86E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-203	2.91E-16	1.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-205	5.10E-10	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-206	4.68E-12	2.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-207	1.30E-07	6.50E-08	8.60E-13	4.30E-13	0.00E+00	0.00E+00	0.00E+00
Ho-150	2.36E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-153	2.41E-09	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ho-153m	1.18E-09	5.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154m	8.44E-10	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154	1.87E-08	9.33E-09	9.30E-15	4.65E-15	0.00E+00	0.00E+00	0.00E+00
Ho-155	7.70E-08	3.85E-08	3.36E-13	1.68E-13	0.00E+00	0.00E+00	0.00E+00
Ho-156	1.39E-07	6.93E-08	1.00E-12	5.02E-13	0.00E+00	0.00E+00	0.00E+00
Ho-157	2.39E-09	1.19E-09	3.16E-16	1.58E-16	0.00E+00	0.00E+00	0.00E+00
Ho-159	2.66E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-160	1.02E-09	5.11E-10	1.32E-17	6.61E-18	0.00E+00	0.00E+00	0.00E+00
Ho-161	1.07E-12	5.37E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-162	1.14E-08	5.70E-09	6.25E-16	3.13E-16	0.00E+00	0.00E+00	0.00E+00
Ho-162m	3.67E-09	1.84E-09	6.85E-17	3.43E-17	0.00E+00	0.00E+00	0.00E+00
Ho-163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164	3.50E-14	1.75E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-166	2.55E-08	1.28E-08	3.99E-15	2.00E-15	0.00E+00	0.00E+00	0.00E+00
Ho-166m	4.35E-10	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-167	5.60E-13	2.80E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-168	1.24E-08	6.21E-09	5.57E-14	2.78E-14	0.00E+00	0.00E+00	0.00E+00
Ho-168m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-170	1.54E-09	7.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-118m	3.51E-09	1.76E-09	6.16E-16	3.08E-16	0.00E+00	0.00E+00	0.00E+00
I-118	3.72E-08	1.86E-08	1.49E-13	7.45E-14	0.00E+00	0.00E+00	0.00E+00
I-119	4.09E-09	2.04E-09	1.26E-15	6.28E-16	0.00E+00	0.00E+00	0.00E+00
I-120	1.08E-06	5.39E-07	3.95E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00
I-120m	1.63E-07	8.17E-08	2.02E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00
I-121	1.46E-09	7.31E-10	3.87E-16	1.94E-16	0.00E+00	0.00E+00	0.00E+00
I-122	7.32E-08	3.66E-08	7.02E-13	3.51E-13	0.00E+00	0.00E+00	0.00E+00
I-123	1.81E-12	9.06E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-124	8.55E-08	4.27E-08	5.44E-13	2.72E-13	0.00E+00	0.00E+00	0.00E+00
I-125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-126	3.66E-10	1.83E-10	1.74E-16	8.69E-17	0.00E+00	0.00E+00	0.00E+00
I-128	5.82E-11	2.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-130m	1.44E-08	7.22E-09	4.67E-14	2.33E-14	0.00E+00	0.00E+00	0.00E+00
I-130	5.08E-10	2.54E-10	4.51E-18	2.25E-18	0.00E+00	0.00E+00	0.00E+00
I-131	7.66E-08	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-132	1.18E-08	5.90E-09	3.28E-14	1.64E-14	0.00E+00	0.00E+00	0.00E+00
I-132m	5.39E-11	2.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-133	9.30E-10	4.65E-10	1.46E-19	7.32E-20	0.00E+00	0.00E+00	0.00E+00
I-134m	8.36E-11	4.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-134	1.90E-08	9.52E-09	6.34E-14	3.17E-14	0.00E+00	0.00E+00	0.00E+00
I-135	5.55E-08	2.78E-08	1.37E-13	6.85E-14	0.00E+00	0.00E+00	0.00E+00
In-103	7.79E-07	3.89E-07	2.26E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
In-105	2.37E-07	1.18E-07	2.88E-12	1.44E-12	0.00E+00	0.00E+00	0.00E+00
In-106	4.61E-09	2.31E-09	1.44E-15	7.22E-16	0.00E+00	0.00E+00	0.00E+00
In-106m	8.56E-07	4.28E-07	2.15E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00
In-107	2.61E-07	1.31E-07	2.38E-12	1.19E-12	0.00E+00	0.00E+00	0.00E+00
In-108	3.18E-08	1.59E-08	1.60E-13	7.99E-14	0.00E+00	0.00E+00	0.00E+00
In-108m	2.19E-06	1.09E-06	8.11E-11	4.06E-11	0.00E+00	0.00E+00	0.00E+00
In-109	1.56E-08	7.80E-09	6.08E-15	3.04E-15	0.00E+00	0.00E+00	0.00E+00
In-109m	3.37E-11	1.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-110	2.89E-09	1.44E-09	9.35E-16	4.67E-16	0.00E+00	0.00E+00	0.00E+00
In-110m	3.37E-07	1.68E-07	6.99E-12	3.49E-12	0.00E+00	0.00E+00	0.00E+00
In-111	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-111m	6.94E-12	3.47E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-112	2.49E-09	1.25E-09	2.36E-16	1.18E-16	0.00E+00	0.00E+00	0.00E+00
In-112m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-113m	3.70E-17	1.85E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114	1.01E-08	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114m	2.91E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115m	2.11E-15	1.06E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-116m	6.21E-08	3.11E-08	2.31E-13	1.15E-13	0.00E+00	0.00E+00	0.00E+00
In-117	7.53E-12	3.77E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-117m	3.50E-12	1.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-118m	2.02E-08	1.01E-08	1.05E-13	5.25E-14	0.00E+00	0.00E+00	0.00E+00
In-118	1.94E-08	9.71E-09	2.56E-14	1.28E-14	0.00E+00	0.00E+00	0.00E+00
In-119	1.48E-10	7.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-119m	4.92E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121	8.62E-10	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121m	3.63E-07	1.82E-07	5.66E-12	2.83E-12	0.00E+00	0.00E+00	0.00E+00
Ir-180	5.96E-10	2.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-182	6.35E-09	3.17E-09	1.33E-15	6.64E-16	0.00E+00	0.00E+00	0.00E+00
Ir-183	7.78E-08	3.89E-08	1.46E-13	7.30E-14	0.00E+00	0.00E+00	0.00E+00
Ir-184	6.40E-08	3.20E-08	3.92E-13	1.96E-13	0.00E+00	0.00E+00	0.00E+00
Ir-185	8.43E-08	4.22E-08	5.18E-14	2.59E-14	0.00E+00	0.00E+00	0.00E+00
Ir-186	1.40E-07	7.00E-08	1.48E-12	7.41E-13	0.00E+00	0.00E+00	0.00E+00
Ir-186m	1.72E-07	8.62E-08	1.69E-12	8.45E-13	0.00E+00	0.00E+00	0.00E+00
Ir-187	5.25E-10	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-188	2.50E-07	1.25E-07	1.16E-12	5.79E-13	0.00E+00	0.00E+00	0.00E+00
Ir-189	1.84E-16	9.20E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190	2.65E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192	6.87E-12	3.43E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ir-192m	4.46E-14	2.23E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-194	5.88E-09	2.94E-09	4.28E-15	2.14E-15	0.00E+00	0.00E+00	0.00E+00
Ir-194m	3.89E-11	1.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195m	1.58E-11	7.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196	3.97E-09	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196m	5.09E-10	2.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-38	5.21E-07	2.61E-07	3.46E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00
K-40	3.25E-08	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-42	4.07E-08	2.04E-08	9.54E-15	4.77E-15	0.00E+00	0.00E+00	0.00E+00
K-43	9.36E-11	4.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-44	1.13E-06	5.63E-07	3.98E-11	1.99E-11	4.10E-16	0.00E+00	0.00E+00
K-45	3.04E-07	1.52E-07	2.80E-12	1.40E-12	0.00E+00	0.00E+00	0.00E+00
K-46	3.15E-06	1.57E-06	1.64E-10	8.21E-11	3.11E-15	0.00E+00	0.00E+00
Kr-74	7.80E-11	3.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-75	1.12E-08	5.60E-09	1.41E-15	7.05E-16	0.00E+00	0.00E+00	0.00E+00
Kr-76	5.68E-11	2.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-77	3.19E-09	1.59E-09	7.65E-15	3.83E-15	0.00E+00	0.00E+00	0.00E+00
Kr-79	6.95E-10	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81	7.97E-17	3.99E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-83m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85	3.35E-12	1.68E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85m	3.31E-14	1.65E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-87	5.86E-07	2.93E-07	6.83E-12	3.42E-12	0.00E+00	0.00E+00	0.00E+00
Kr-88	4.81E-07	2.41E-07	3.04E-12	1.52E-12	0.00E+00	0.00E+00	0.00E+00
Kr-89	1.32E-06	6.60E-07	4.73E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00
La-128	2.24E-08	1.12E-08	5.38E-14	2.69E-14	0.00E+00	0.00E+00	0.00E+00
La-129	9.34E-09	4.67E-09	1.70E-14	8.49E-15	0.00E+00	0.00E+00	0.00E+00
La-130	1.56E-07	7.78E-08	1.98E-12	9.88E-13	0.00E+00	0.00E+00	0.00E+00
La-131	1.11E-08	5.53E-09	3.26E-14	1.63E-14	0.00E+00	0.00E+00	0.00E+00
La-132	3.58E-07	1.79E-07	5.87E-12	2.94E-12	0.00E+00	0.00E+00	0.00E+00
La-132m	4.90E-10	2.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-133	2.01E-09	1.01E-09	4.10E-16	2.05E-16	0.00E+00	0.00E+00	0.00E+00
La-134	7.83E-08	3.92E-08	5.01E-13	2.50E-13	0.00E+00	0.00E+00	0.00E+00
La-135	4.98E-11	2.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-136	2.09E-08	1.05E-08	8.25E-14	4.12E-14	0.00E+00	0.00E+00	0.00E+00
La-137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-138	2.27E-08	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-140	7.64E-08	3.82E-08	3.55E-13	1.78E-13	0.00E+00	0.00E+00	0.00E+00
La-141	6.37E-08	3.19E-08	2.29E-13	1.14E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
La-142	9.90E-07	4.95E-07	1.93E-11	9.64E-12	0.00E+00	0.00E+00	0.00E+00
La-143	2.53E-07	1.27E-07	2.24E-12	1.12E-12	0.00E+00	0.00E+00	0.00E+00
Lu-165	4.51E-08	2.25E-08	4.21E-14	2.11E-14	0.00E+00	0.00E+00	0.00E+00
Lu-167	1.06E-07	5.28E-08	2.57E-13	1.28E-13	0.00E+00	0.00E+00	0.00E+00
Lu-169m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-169	3.03E-08	1.51E-08	3.84E-14	1.92E-14	0.00E+00	0.00E+00	0.00E+00
Lu-170	6.28E-07	3.14E-07	8.27E-12	4.13E-12	0.00E+00	0.00E+00	0.00E+00
Lu-171m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-171	1.92E-10	9.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-172	9.94E-09	4.97E-09	7.99E-15	4.00E-15	0.00E+00	0.00E+00	0.00E+00
Lu-172m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-173	1.67E-12	8.34E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174	4.49E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174m	2.00E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176	4.78E-16	2.39E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176m	1.31E-11	6.57E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177	1.24E-17	6.20E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177m	5.35E-14	2.67E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-178	1.98E-08	9.92E-09	1.76E-15	8.78E-16	0.00E+00	0.00E+00	0.00E+00
Lu-178m	1.56E-13	7.80E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-179	1.04E-10	5.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-180	1.25E-08	6.27E-09	2.55E-15	1.27E-15	0.00E+00	0.00E+00	0.00E+00
Lu-181	1.04E-10	5.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-27	8.39E-10	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28	1.31E-08	6.54E-09	1.38E-16	6.89E-17	0.00E+00	0.00E+00	0.00E+00
Mn-50m	6.32E-08	3.16E-08	7.18E-13	3.59E-13	0.00E+00	0.00E+00	0.00E+00
Mn-51	8.03E-08	4.02E-08	2.87E-13	1.43E-13	0.00E+00	0.00E+00	0.00E+00
Mn-52	1.38E-08	6.90E-09	1.02E-16	5.08E-17	0.00E+00	0.00E+00	0.00E+00
Mn-52m	3.30E-08	1.65E-08	1.70E-13	8.50E-14	0.00E+00	0.00E+00	0.00E+00
Mn-53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-54	3.95E-10	1.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-56	1.68E-07	8.39E-08	1.22E-12	6.09E-13	0.00E+00	0.00E+00	0.00E+00
Mn-57	1.07E-08	5.35E-09	2.93E-15	1.46E-15	0.00E+00	0.00E+00	0.00E+00
Mn-58m	1.35E-07	6.73E-08	2.77E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00
Mo-101	6.07E-08	3.04E-08	1.36E-13	6.80E-14	0.00E+00	0.00E+00	0.00E+00
Mo-102	1.57E-17	7.85E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-89	1.41E-07	7.05E-08	8.55E-13	4.28E-13	0.00E+00	0.00E+00	0.00E+00
Mo-90	4.24E-09	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-91m	2.49E-08	1.24E-08	5.56E-14	2.78E-14	0.00E+00	0.00E+00	0.00E+00
Mo-91	1.11E-06	5.53E-07	2.09E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00
Mo-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-93m	2.15E-08	1.07E-08	2.15E-15	1.07E-15	0.00E+00	0.00E+00	0.00E+00
Mo-99	9.26E-11	4.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
N-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-16	4.15E-05	2.07E-05	8.65E-09	4.32E-09	2.39E-12	2.11E-15	0.00E+00
Na-22	9.29E-09	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Na-24	1.23E-06	6.17E-07	1.70E-11	8.48E-12	0.00E+00	0.00E+00	0.00E+00
Nb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-88m	4.76E-08	2.38E-08	4.23E-13	2.12E-13	0.00E+00	0.00E+00	0.00E+00
Nb-88	5.66E-09	2.83E-09	1.78E-14	8.92E-15	0.00E+00	0.00E+00	0.00E+00
Nb-89	1.20E-06	6.02E-07	2.15E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00
Nb-89m	3.74E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-90	4.19E-07	2.09E-07	2.62E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00
Nb-91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-91m	5.18E-09	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92	6.00E-10	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92m	3.54E-09	1.77E-09	1.48E-15	7.38E-16	0.00E+00	0.00E+00	0.00E+00
Nb-93m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94m	3.75E-10	1.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94	3.74E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95	1.08E-10	5.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95m	2.67E-13	1.33E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-96	2.23E-09	1.11E-09	1.61E-17	8.06E-18	0.00E+00	0.00E+00	0.00E+00
Nb-97	2.37E-10	1.18E-10	1.00E-17	5.01E-18	0.00E+00	0.00E+00	0.00E+00
Nb-98m	3.88E-08	1.94E-08	1.60E-13	7.99E-14	0.00E+00	0.00E+00	0.00E+00
Nb-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-99m	7.85E-07	3.93E-07	9.69E-12	4.85E-12	0.00E+00	0.00E+00	0.00E+00
Nd-134	2.39E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-135	9.29E-09	4.65E-09	3.68E-15	1.84E-15	0.00E+00	0.00E+00	0.00E+00
Nd-136	8.42E-10	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-137	5.08E-08	2.54E-08	1.88E-13	9.40E-14	0.00E+00	0.00E+00	0.00E+00
Nd-138	5.79E-14	2.90E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139	5.37E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139m	2.22E-08	1.11E-08	7.03E-14	3.52E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-141	4.75E-09	2.37E-09	8.88E-17	4.44E-17	0.00E+00	0.00E+00	0.00E+00
Nd-141m	1.41E-10	7.03E-11	2.09E-17	1.05E-17	0.00E+00	0.00E+00	0.00E+00
Nd-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-147	6.21E-12	3.11E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-149	8.10E-11	4.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-151	1.01E-08	5.05E-09	6.63E-15	3.31E-15	0.00E+00	0.00E+00	0.00E+00
Nd-152	1.69E-12	8.45E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-19	1.39E-08	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-24	8.03E-11	4.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-56	5.20E-09	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-57	6.22E-08	3.11E-08	9.34E-14	4.67E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ni-59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-65	2.51E-08	1.25E-08	8.90E-16	4.45E-16	0.00E+00	0.00E+00	0.00E+00
Ni-66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-232	1.84E-09	9.20E-10	7.78E-16	3.89E-16	0.00E+00	0.00E+00	0.00E+00
Np-233	3.52E-13	1.76E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-234	3.14E-08	1.57E-08	9.37E-16	4.68E-16	0.00E+00	0.00E+00	0.00E+00
Np-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236	5.82E-14	2.91E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236m	6.58E-12	3.29E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237	2.34E-19	1.17E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-238	1.57E-09	7.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-239	8.37E-16	4.19E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240	7.80E-10	3.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240m	6.70E-09	3.35E-09	1.24E-15	6.20E-16	0.00E+00	0.00E+00	0.00E+00
Np-241	3.17E-11	1.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-242	6.80E-08	3.40E-08	1.09E-13	5.44E-14	0.00E+00	0.00E+00	0.00E+00
Np-242m	4.71E-10	2.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-14	7.01E-07	3.50E-07	4.51E-12	2.26E-12	0.00E+00	0.00E+00	0.00E+00
O-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-19	5.24E-08	2.62E-08	2.23E-12	1.12E-12	0.00E+00	0.00E+00	0.00E+00
Os-180	2.44E-11	1.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-181	4.52E-08	2.26E-08	1.63E-13	8.14E-14	0.00E+00	0.00E+00	0.00E+00
Os-182	2.03E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-183	1.46E-09	7.32E-10	8.66E-17	4.33E-17	0.00E+00	0.00E+00	0.00E+00
Os-183m	4.69E-09	2.35E-09	6.66E-16	3.33E-16	0.00E+00	0.00E+00	0.00E+00
Os-185	1.23E-10	6.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-189m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-190m	7.14E-12	3.57E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-193	4.37E-12	2.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-196	3.41E-12	1.71E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-30	6.64E-07	3.32E-07	6.75E-12	3.38E-12	0.00E+00	0.00E+00	0.00E+00
P-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-228	1.85E-08	9.24E-09	7.89E-15	3.94E-15	0.00E+00	0.00E+00	0.00E+00
Pa-229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-230	7.59E-10	3.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-231	3.54E-14	1.77E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-232	7.16E-10	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-233	9.17E-15	4.58E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-234	7.96E-09	3.98E-09	2.90E-15	1.45E-15	0.00E+00	0.00E+00	0.00E+00
Pa-234m	1.70E-08	8.51E-09	8.06E-15	4.03E-15	0.00E+00	0.00E+00	0.00E+00
Pa-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-236	7.26E-08	3.63E-08	9.87E-14	4.93E-14	0.00E+00	0.00E+00	0.00E+00
Pa-237	6.28E-10	3.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-194	2.70E-08	1.35E-08	6.15E-14	3.08E-14	0.00E+00	0.00E+00	0.00E+00
Pb-195m	4.09E-09	2.04E-09	1.83E-15	9.14E-16	0.00E+00	0.00E+00	0.00E+00
Pb-196	9.25E-11	4.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-197	9.39E-08	4.70E-08	4.22E-13	2.11E-13	0.00E+00	0.00E+00	0.00E+00
Pb-197m	8.51E-09	4.26E-09	2.66E-14	1.33E-14	0.00E+00	0.00E+00	0.00E+00
Pb-198	7.48E-11	3.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-199	5.53E-08	2.77E-08	1.99E-13	9.93E-14	0.00E+00	0.00E+00	0.00E+00
Pb-200	4.35E-13	2.18E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-201	1.53E-09	7.65E-10	5.68E-17	2.84E-17	0.00E+00	0.00E+00	0.00E+00
Pb-201m	1.80E-11	8.98E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202m	5.17E-10	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-203	9.64E-13	4.82E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-204m	6.74E-10	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-211	3.01E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-212	1.09E-15	5.44E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-214	1.25E-11	6.27E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-101	2.67E-09	1.33E-09	1.84E-16	9.19E-17	0.00E+00	0.00E+00	0.00E+00
Pd-103	3.83E-15	1.92E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109	3.95E-12	1.97E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-111	1.10E-08	5.49E-09	2.56E-16	1.28E-16	0.00E+00	0.00E+00	0.00E+00
Pd-112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-114	6.12E-17	3.06E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-96	4.99E-09	2.50E-09	8.78E-16	4.39E-16	0.00E+00	0.00E+00	0.00E+00
Pd-97	3.79E-07	1.90E-07	6.09E-12	3.05E-12	0.00E+00	0.00E+00	0.00E+00
Pd-98	5.66E-10	2.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-99	1.39E-07	6.94E-08	9.98E-13	4.99E-13	0.00E+00	0.00E+00	0.00E+00
Pm-136	4.21E-10	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-137m	2.67E-09	1.34E-09	4.01E-17	2.00E-17	0.00E+00	0.00E+00	0.00E+00
Pm-139	6.10E-08	3.05E-08	2.23E-13	1.12E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pm-140m	7.26E-09	3.63E-09	2.60E-14	1.30E-14	0.00E+00	0.00E+00	0.00E+00
Pm-140	3.52E-08	1.76E-08	1.62E-13	8.08E-14	0.00E+00	0.00E+00	0.00E+00
Pm-141	1.01E-07	5.03E-08	5.33E-13	2.67E-13	0.00E+00	0.00E+00	0.00E+00
Pm-142	2.08E-07	1.04E-07	2.52E-12	1.26E-12	0.00E+00	0.00E+00	0.00E+00
Pm-143	8.94E-11	4.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-144	3.96E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-146	5.37E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-148	1.95E-08	9.73E-09	6.63E-15	3.32E-15	0.00E+00	0.00E+00	0.00E+00
Pm-148m	2.58E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-149	7.62E-11	3.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-150	6.77E-08	3.38E-08	4.91E-13	2.46E-13	0.00E+00	0.00E+00	0.00E+00
Pm-151	4.86E-11	2.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-152m	2.83E-08	1.41E-08	1.18E-13	5.91E-14	0.00E+00	0.00E+00	0.00E+00
Pm-152	7.98E-08	3.99E-08	5.27E-13	2.63E-13	0.00E+00	0.00E+00	0.00E+00
Pm-153	1.20E-11	6.00E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-154	2.39E-07	1.19E-07	1.57E-12	7.85E-13	0.00E+00	0.00E+00	0.00E+00
Pm-154m	4.53E-08	2.26E-08	1.18E-13	5.89E-14	0.00E+00	0.00E+00	0.00E+00
Po-203	5.11E-08	2.56E-08	3.96E-13	1.98E-13	0.00E+00	0.00E+00	0.00E+00
Po-204	8.38E-10	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-205	3.40E-08	1.70E-08	1.64E-13	8.20E-14	0.00E+00	0.00E+00	0.00E+00
Po-206	1.07E-09	5.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-207	9.60E-09	4.80E-09	2.24E-14	1.12E-14	0.00E+00	0.00E+00	0.00E+00
Po-208	1.80E-10	9.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-209	5.28E-10	2.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-210	1.86E-10	9.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-211	4.75E-10	2.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-212m	1.12E-06	5.61E-07	1.25E-11	6.23E-12	0.00E+00	0.00E+00	0.00E+00
Po-212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-213	1.15E-10	5.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-214	1.62E-10	8.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-215	5.29E-13	2.64E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-216	1.98E-10	9.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-134	5.11E-08	2.56E-08	3.16E-13	1.58E-13	0.00E+00	0.00E+00	0.00E+00
Pr-134m	1.41E-07	7.07E-08	6.10E-13	3.05E-13	0.00E+00	0.00E+00	0.00E+00
Pr-135	4.06E-08	2.03E-08	1.36E-13	6.81E-14	0.00E+00	0.00E+00	0.00E+00
Pr-136	2.39E-07	1.19E-07	3.77E-12	1.89E-12	0.00E+00	0.00E+00	0.00E+00
Pr-137	5.01E-08	2.51E-08	1.54E-13	7.71E-14	0.00E+00	0.00E+00	0.00E+00
Pr-138	8.69E-08	4.35E-08	7.04E-13	3.52E-13	0.00E+00	0.00E+00	0.00E+00
Pr-138m	4.12E-09	2.06E-09	6.23E-15	3.12E-15	0.00E+00	0.00E+00	0.00E+00
Pr-139	2.77E-08	1.38E-08	1.04E-14	5.19E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pr-140	5.38E-08	2.69E-08	2.74E-13	1.37E-13	0.00E+00	0.00E+00	0.00E+00
Pr-142	4.43E-08	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-142m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-143	9.43E-11	4.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-144	2.65E-07	1.33E-07	1.42E-12	7.11E-13	0.00E+00	0.00E+00	0.00E+00
Pr-144m	9.25E-09	4.63E-09	4.00E-15	2.00E-15	0.00E+00	0.00E+00	0.00E+00
Pr-145	1.53E-09	7.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-146	1.86E-07	9.32E-08	2.51E-12	1.25E-12	0.00E+00	0.00E+00	0.00E+00
Pr-147	1.84E-08	9.18E-09	6.66E-14	3.33E-14	0.00E+00	0.00E+00	0.00E+00
Pr-148	1.69E-07	8.44E-08	1.83E-12	9.14E-13	0.00E+00	0.00E+00	0.00E+00
Pr-148m	3.38E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-184	1.96E-11	9.79E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-186	4.73E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-187	1.12E-09	5.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-188	8.25E-14	4.12E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-189	3.74E-09	1.87E-09	7.44E-16	3.72E-16	0.00E+00	0.00E+00	0.00E+00
Pt-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-191	3.48E-12	1.74E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-195m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197	6.28E-18	3.14E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197m	2.52E-16	1.26E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-199	9.18E-11	4.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-200	2.19E-14	1.10E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-235	5.42E-11	2.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-236	2.17E-11	1.08E-11	2.27E-15	1.13E-15	4.62E-19	1.44E-21	0.00E+00
Pu-237	2.12E-17	1.06E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	3.66E-11	1.83E-11	3.64E-15	1.82E-15	7.06E-19	2.17E-21	0.00E+00
Pu-239	9.99E-14	4.99E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	1.35E-09	6.74E-10	1.28E-13	6.38E-14	2.33E-17	7.07E-20	0.00E+00
Pu-241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-242	1.54E-07	7.71E-08	1.39E-11	6.96E-12	2.38E-15	7.12E-18	0.00E+00
Pu-243	1.10E-15	5.50E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244	1.39E-06	6.94E-07	1.20E-10	6.01E-11	1.94E-14	5.72E-17	0.00E+00
Pu-245	3.50E-10	1.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-246	6.08E-19	3.04E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-219	6.93E-12	3.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-220	8.20E-13	4.10E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221	3.72E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ra-222	9.59E-13	4.80E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223	2.63E-13	1.31E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224	1.04E-13	5.20E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_226	6.10E-09	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-227	1.61E-11	8.07E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_228	5.22E-12	2.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-230	4.94E-13	2.47E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-77	1.03E-07	5.14E-08	1.16E-12	5.82E-13	0.00E+00	0.00E+00	0.00E+00
Rb-78m	3.28E-07	1.64E-07	6.32E-12	3.16E-12	0.00E+00	0.00E+00	0.00E+00
Rb-78	3.82E-06	1.91E-06	2.18E-10	1.09E-10	1.60E-14	0.00E+00	0.00E+00
Rb-79	3.47E-08	1.74E-08	3.18E-13	1.59E-13	0.00E+00	0.00E+00	0.00E+00
Rb-80	2.80E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-81	1.59E-09	7.93E-10	1.09E-16	5.45E-17	0.00E+00	0.00E+00	0.00E+00
Rb-81m	1.73E-08	8.63E-09	7.55E-15	3.78E-15	0.00E+00	0.00E+00	0.00E+00
Rb-82	2.45E-08	1.22E-08	2.69E-13	1.35E-13	0.00E+00	0.00E+00	0.00E+00
Rb-82m	8.83E-09	4.41E-09	1.64E-14	8.19E-15	0.00E+00	0.00E+00	0.00E+00
Rb-83	7.56E-12	3.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-84	4.60E-09	2.30E-09	2.32E-15	1.16E-15	0.00E+00	0.00E+00	0.00E+00
Rb-84m	3.60E-13	1.80E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86m	9.73E-12	4.87E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86	3.27E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-88	5.35E-07	2.68E-07	2.09E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00
Rb-89	3.91E-07	1.95E-07	7.00E-12	3.50E-12	0.00E+00	0.00E+00	0.00E+00
Rb-90	7.60E-06	3.80E-06	5.78E-10	2.89E-10	2.00E-14	0.00E+00	0.00E+00
Rb-90m	2.22E-06	1.11E-06	9.81E-11	4.91E-11	0.00E+00	0.00E+00	0.00E+00
Re-178	1.47E-06	7.33E-07	3.61E-11	1.81E-11	0.00E+00	0.00E+00	0.00E+00
Re-179	2.92E-08	1.46E-08	1.15E-14	5.74E-15	0.00E+00	0.00E+00	0.00E+00
Re-180	1.28E-08	6.42E-09	7.99E-14	4.00E-14	0.00E+00	0.00E+00	0.00E+00
Re-181	2.17E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-182	6.05E-09	3.03E-09	2.16E-18	1.08E-18	0.00E+00	0.00E+00	0.00E+00
Re-182m	2.69E-08	1.35E-08	6.92E-14	3.46E-14	0.00E+00	0.00E+00	0.00E+00
Re-183	1.55E-16	7.76E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184	5.49E-10	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184m	6.19E-10	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186	1.80E-12	8.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-188	6.95E-09	3.48E-09	3.00E-15	1.50E-15	0.00E+00	0.00E+00	0.00E+00
Re-188m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-189	1.23E-12	6.13E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-190	2.61E-09	1.30E-09	2.77E-15	1.39E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Re-190m	1.32E-09	6.60E-10	4.12E-16	2.06E-16	0.00E+00	0.00E+00	0.00E+00
Rh-100m	3.11E-08	1.55E-08	1.45E-14	7.27E-15	0.00E+00	0.00E+00	0.00E+00
Rh-100	2.69E-07	1.34E-07	1.79E-12	8.93E-13	0.00E+00	0.00E+00	0.00E+00
Rh-101	1.13E-15	5.67E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-101m	6.81E-13	3.41E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-102	2.37E-09	1.18E-09	5.54E-15	2.77E-15	0.00E+00	0.00E+00	0.00E+00
Rh-102m	9.50E-10	4.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-103m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-104	7.81E-10	3.91E-10	1.27E-16	6.37E-17	0.00E+00	0.00E+00	0.00E+00
Rh-104m	6.12E-11	3.06E-11	7.41E-18	3.70E-18	0.00E+00	0.00E+00	0.00E+00
Rh-105	1.96E-15	9.82E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-106	1.20E-08	6.00E-09	8.33E-14	4.16E-14	0.00E+00	0.00E+00	0.00E+00
Rh-106m	9.88E-09	4.94E-09	1.76E-15	8.78E-16	0.00E+00	0.00E+00	0.00E+00
Rh-107	1.54E-11	7.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-108	3.91E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-109	7.88E-11	3.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-94	2.37E-07	1.19E-07	4.08E-12	2.04E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95	5.66E-07	2.83E-07	1.63E-11	8.17E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95m	2.54E-06	1.27E-06	1.36E-10	6.78E-11	0.00E+00	0.00E+00	0.00E+00
Rh-96	6.94E-08	3.47E-08	8.92E-13	4.46E-13	0.00E+00	0.00E+00	0.00E+00
Rh-96m	1.86E-07	9.32E-08	1.75E-12	8.75E-13	0.00E+00	0.00E+00	0.00E+00
Rh-97	1.60E-07	7.98E-08	2.73E-12	1.36E-12	0.00E+00	0.00E+00	0.00E+00
Rh-97m	5.73E-07	2.86E-07	9.21E-12	4.60E-12	0.00E+00	0.00E+00	0.00E+00
Rh-98	7.99E-08	4.00E-08	6.54E-13	3.27E-13	0.00E+00	0.00E+00	0.00E+00
Rh-99	3.78E-09	1.89E-09	1.90E-15	9.51E-16	0.00E+00	0.00E+00	0.00E+00
Rh-99m	2.04E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-207	1.08E-08	5.41E-09	9.46E-14	4.73E-14	0.00E+00	0.00E+00	0.00E+00
Rn-209	1.32E-07	6.62E-08	1.46E-12	7.31E-13	0.00E+00	0.00E+00	0.00E+00
Rn-210	5.91E-10	2.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-211	8.73E-09	4.36E-09	2.35E-15	1.18E-15	0.00E+00	0.00E+00	0.00E+00
Rn-212	5.94E-11	2.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-218	1.66E-11	8.29E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219	8.61E-13	4.31E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222	2.69E-12	1.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-223	2.32E-09	1.16E-09	8.73E-18	4.36E-18	0.00E+00	0.00E+00	0.00E+00
Ru-103	2.34E-12	1.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-105	4.61E-10	2.30E-10	1.11E-16	5.54E-17	0.00E+00	0.00E+00	0.00E+00
Ru-106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-107	2.54E-08	1.27E-08	9.20E-14	4.60E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ru-108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-92	7.44E-08	3.72E-08	4.20E-13	2.10E-13	0.00E+00	0.00E+00	0.00E+00
Ru-94	3.10E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-95	3.78E-08	1.89E-08	1.69E-13	8.44E-14	0.00E+00	0.00E+00	0.00E+00
Ru-97	1.75E-12	8.76E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-37	3.13E-06	1.56E-06	5.13E-11	2.57E-11	0.00E+00	0.00E+00	0.00E+00
S-38	2.48E-07	1.24E-07	6.71E-13	3.36E-13	0.00E+00	0.00E+00	0.00E+00
Sb-111	3.49E-09	1.74E-09	1.25E-15	6.26E-16	0.00E+00	0.00E+00	0.00E+00
Sb-113	2.00E-08	9.99E-09	3.15E-13	1.58E-13	0.00E+00	0.00E+00	0.00E+00
Sb-114	1.01E-07	5.06E-08	2.41E-12	1.20E-12	0.00E+00	0.00E+00	0.00E+00
Sb-115	5.71E-09	2.85E-09	2.01E-14	1.00E-14	0.00E+00	0.00E+00	0.00E+00
Sb-116	1.62E-07	8.08E-08	1.41E-12	7.04E-13	0.00E+00	0.00E+00	0.00E+00
Sb-116m	5.89E-09	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-117	3.80E-10	1.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-118	2.46E-08	1.23E-08	1.44E-13	7.19E-14	0.00E+00	0.00E+00	0.00E+00
Sb-118m	4.35E-09	2.18E-09	4.06E-16	2.03E-16	0.00E+00	0.00E+00	0.00E+00
Sb-119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120	4.00E-09	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120m	3.39E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122	2.93E-10	1.47E-10	2.11E-17	1.06E-17	0.00E+00	0.00E+00	0.00E+00
Sb-124	6.74E-08	3.37E-08	1.15E-13	5.75E-14	0.00E+00	0.00E+00	0.00E+00
Sb-124m	6.22E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-124n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-125	1.04E-11	5.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126	2.40E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126m	1.85E-10	9.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-127	1.90E-10	9.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-128	1.41E-09	7.06E-10	3.44E-16	1.72E-16	0.00E+00	0.00E+00	0.00E+00
Sb-128m	5.81E-10	2.90E-10	3.70E-17	1.85E-17	0.00E+00	0.00E+00	0.00E+00
Sb-129	2.87E-08	1.44E-08	3.87E-14	1.94E-14	0.00E+00	0.00E+00	0.00E+00
Sb-130m	1.66E-08	8.31E-09	1.41E-13	7.05E-14	0.00E+00	0.00E+00	0.00E+00
Sb-130	1.02E-08	5.08E-09	5.75E-15	2.87E-15	0.00E+00	0.00E+00	0.00E+00
Sb-131	1.01E-07	5.06E-08	5.85E-13	2.93E-13	0.00E+00	0.00E+00	0.00E+00
Sb-133	3.07E-07	1.54E-07	3.40E-12	1.70E-12	0.00E+00	0.00E+00	0.00E+00
Sc-42m	2.24E-08	1.12E-08	1.18E-14	5.89E-15	0.00E+00	0.00E+00	0.00E+00
Sc-43	6.84E-10	3.42E-10	3.74E-16	1.87E-16	0.00E+00	0.00E+00	0.00E+00
Sc-44	8.98E-09	4.49E-09	4.51E-14	2.25E-14	0.00E+00	0.00E+00	0.00E+00
Sc-44m	5.08E-10	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-46	2.69E-09	1.34E-09	4.39E-20	2.20E-20	0.00E+00	0.00E+00	0.00E+00
Sc-47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-48	6.64E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sc-49	1.25E-07	6.26E-08	6.14E-14	3.07E-14	0.00E+00	0.00E+00	0.00E+00
Sc-50	4.25E-08	2.13E-08	3.50E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Se-70	1.54E-09	7.71E-10	1.36E-16	6.78E-17	0.00E+00	0.00E+00	0.00E+00
Se-71	8.15E-08	4.08E-08	1.22E-12	6.08E-13	0.00E+00	0.00E+00	0.00E+00
Se-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-73	1.29E-09	6.43E-10	3.06E-15	1.53E-15	0.00E+00	0.00E+00	0.00E+00
Se-73m	3.92E-09	1.96E-09	1.09E-14	5.47E-15	0.00E+00	0.00E+00	0.00E+00
Se-75	1.36E-14	6.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81	1.47E-10	7.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81m	4.01E-14	2.01E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-83m	8.69E-08	4.34E-08	3.52E-13	1.76E-13	0.00E+00	0.00E+00	0.00E+00
Se-83	1.02E-07	5.09E-08	4.89E-13	2.44E-13	0.00E+00	0.00E+00	0.00E+00
Se-84	1.71E-13	8.56E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-31	8.12E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-139	9.87E-08	4.94E-08	1.14E-12	5.72E-13	0.00E+00	0.00E+00	0.00E+00
Sm-140	1.75E-08	8.75E-09	7.12E-15	3.56E-15	0.00E+00	0.00E+00	0.00E+00
Sm-141	4.29E-08	2.15E-08	5.97E-14	2.99E-14	0.00E+00	0.00E+00	0.00E+00
Sm-141m	2.85E-08	1.42E-08	3.16E-14	1.58E-14	0.00E+00	0.00E+00	0.00E+00
Sm-142	2.43E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-143	4.89E-08	2.44E-08	3.41E-13	1.71E-13	0.00E+00	0.00E+00	0.00E+00
Sm-143m	1.02E-10	5.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-145	5.25E-16	2.62E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-153	2.59E-13	1.30E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-155	1.89E-10	9.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-156	4.36E-17	2.18E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-157	5.55E-09	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-106	2.17E-09	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-108	1.38E-09	6.92E-10	6.44E-16	3.22E-16	0.00E+00	0.00E+00	0.00E+00
Sn-109	2.38E-07	1.19E-07	2.75E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00
Sn-110	3.26E-16	1.63E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-111	1.35E-07	6.75E-08	4.91E-13	2.46E-13	0.00E+00	0.00E+00	0.00E+00
Sn-113	1.16E-14	5.79E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-117m	5.79E-21	2.89E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-119m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sn-121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123	3.50E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123m	1.05E-14	5.23E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-125m	1.89E-09	9.46E-10	5.20E-16	2.60E-16	0.00E+00	0.00E+00	0.00E+00
Sn-125	3.89E-08	1.95E-08	7.99E-14	4.00E-14	0.00E+00	0.00E+00	0.00E+00
Sn-126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127m	6.30E-09	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127	1.44E-07	7.19E-08	1.51E-12	7.57E-13	0.00E+00	0.00E+00	0.00E+00
Sn-128	1.25E-11	6.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-129	2.40E-08	1.20E-08	1.03E-13	5.13E-14	0.00E+00	0.00E+00	0.00E+00
Sn-130	1.24E-10	6.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-130m	2.56E-08	1.28E-08	5.44E-14	2.72E-14	0.00E+00	0.00E+00	0.00E+00
Sr-79	3.01E-12	1.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-80	1.09E-11	5.47E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-81	3.10E-09	1.55E-09	4.88E-16	2.44E-16	0.00E+00	0.00E+00	0.00E+00
Sr-82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-83	1.78E-08	8.90E-09	3.32E-14	1.66E-14	0.00E+00	0.00E+00	0.00E+00
Sr-85	3.46E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-85m	4.95E-14	2.48E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-87m	5.66E-17	2.83E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-89	8.34E-10	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-91	3.00E-09	1.50E-09	1.15E-15	5.74E-16	0.00E+00	0.00E+00	0.00E+00
Sr-92	2.20E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-93	1.41E-07	7.06E-08	1.29E-12	6.45E-13	0.00E+00	0.00E+00	0.00E+00
Sr-94	3.20E-08	1.60E-08	2.59E-14	1.30E-14	0.00E+00	0.00E+00	0.00E+00
Ta-170	1.99E-09	9.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-172	6.84E-08	3.42E-08	1.27E-12	6.34E-13	0.00E+00	0.00E+00	0.00E+00
Ta-173	9.13E-08	4.57E-08	7.46E-13	3.73E-13	0.00E+00	0.00E+00	0.00E+00
Ta-174	2.09E-07	1.04E-07	2.46E-12	1.23E-12	0.00E+00	0.00E+00	0.00E+00
Ta-175	4.09E-08	2.04E-08	1.70E-14	8.50E-15	0.00E+00	0.00E+00	0.00E+00
Ta-176	2.81E-07	1.41E-07	3.26E-12	1.63E-12	0.00E+00	0.00E+00	0.00E+00
Ta-177	1.92E-10	9.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-178	1.04E-08	5.22E-09	2.51E-17	1.26E-17	0.00E+00	0.00E+00	0.00E+00
Ta-178m	1.43E-13	7.16E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182	5.14E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182m	5.61E-17	2.80E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-183	1.07E-15	5.36E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-184	6.82E-10	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-185	8.97E-11	4.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ta-186	8.08E-10	4.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-146	3.86E-07	1.93E-07	5.85E-12	2.92E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147m	2.56E-07	1.28E-07	4.29E-12	2.14E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147	1.15E-07	5.75E-08	1.22E-12	6.11E-13	0.00E+00	0.00E+00	0.00E+00
Tb-148m	4.49E-09	2.24E-09	9.54E-15	4.77E-15	0.00E+00	0.00E+00	0.00E+00
Tb-148	4.93E-07	2.47E-07	1.27E-11	6.37E-12	0.00E+00	0.00E+00	0.00E+00
Tb-149m	3.29E-09	1.65E-09	1.29E-15	6.47E-16	0.00E+00	0.00E+00	0.00E+00
Tb-149	2.05E-07	1.02E-07	2.74E-12	1.37E-12	0.00E+00	0.00E+00	0.00E+00
Tb-150m	6.55E-11	3.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-150	1.13E-06	5.65E-07	3.89E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00
Tb-151	6.10E-09	3.05E-09	4.52E-15	2.26E-15	0.00E+00	0.00E+00	0.00E+00
Tb-151m	1.40E-10	7.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152m	5.65E-10	2.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152	3.03E-07	1.51E-07	3.61E-12	1.80E-12	0.00E+00	0.00E+00	0.00E+00
Tb-153	4.72E-10	2.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-154	4.80E-07	2.40E-07	5.37E-12	2.68E-12	0.00E+00	0.00E+00	0.00E+00
Tb-155	1.47E-13	7.36E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156	1.79E-08	8.97E-09	1.09E-14	5.47E-15	0.00E+00	0.00E+00	0.00E+00
Tb-156m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-158	1.09E-09	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-160	2.81E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-161	8.86E-14	4.43E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-162	1.33E-09	6.65E-10	2.01E-15	1.00E-15	0.00E+00	0.00E+00	0.00E+00
Tb-163	9.85E-12	4.92E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-164	7.79E-08	3.89E-08	5.84E-13	2.92E-13	0.00E+00	0.00E+00	0.00E+00
Tb-165	2.61E-08	1.30E-08	6.27E-15	3.13E-15	0.00E+00	0.00E+00	0.00E+00
Tc-101	1.16E-11	5.79E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-102m	1.60E-07	8.02E-08	8.61E-13	4.30E-13	0.00E+00	0.00E+00	0.00E+00
Tc-102	8.30E-08	4.15E-08	5.19E-13	2.60E-13	0.00E+00	0.00E+00	0.00E+00
Tc-104	5.77E-07	2.88E-07	1.14E-11	5.70E-12	0.00E+00	0.00E+00	0.00E+00
Tc-105	6.61E-08	3.30E-08	2.69E-13	1.34E-13	0.00E+00	0.00E+00	0.00E+00
Tc-91	8.93E-07	4.47E-07	2.17E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00
Tc-91m	1.41E-08	7.03E-09	1.66E-14	8.32E-15	0.00E+00	0.00E+00	0.00E+00
Tc-92	1.15E-07	5.73E-08	2.75E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00
Tc-93	4.74E-08	2.37E-08	2.60E-13	1.30E-13	0.00E+00	0.00E+00	0.00E+00
Tc-93m	1.09E-06	5.45E-07	1.59E-11	7.97E-12	0.00E+00	0.00E+00	0.00E+00
Tc-94	1.44E-09	7.18E-10	1.68E-16	8.40E-17	0.00E+00	0.00E+00	0.00E+00
Tc-94m	2.89E-07	1.45E-07	4.47E-12	2.24E-12	0.00E+00	0.00E+00	0.00E+00
Tc-95	2.99E-10	1.50E-10	2.74E-19	1.37E-19	0.00E+00	0.00E+00	0.00E+00
Tc-95m	3.16E-10	1.58E-10	1.24E-17	6.18E-18	0.00E+00	0.00E+00	0.00E+00
Tc-96	6.13E-10	3.07E-10	1.02E-19	5.09E-20	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Tc-96m	7.25E-09	3.62E-09	2.09E-15	1.05E-15	0.00E+00	0.00E+00	0.00E+00
Tc-97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-97m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-98	6.80E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99m	1.52E-21	7.61E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-113	1.94E-07	9.69E-08	1.40E-12	7.00E-13	0.00E+00	0.00E+00	0.00E+00
Te-114	7.17E-08	3.59E-08	1.17E-13	5.86E-14	0.00E+00	0.00E+00	0.00E+00
Te-115	8.02E-08	4.01E-08	1.20E-12	6.02E-13	0.00E+00	0.00E+00	0.00E+00
Te-115m	9.61E-08	4.81E-08	4.55E-13	2.28E-13	0.00E+00	0.00E+00	0.00E+00
Te-116	2.69E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-117	1.62E-07	8.12E-08	9.08E-13	4.54E-13	0.00E+00	0.00E+00	0.00E+00
Te-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-119	1.21E-08	6.04E-09	5.70E-15	2.85E-15	0.00E+00	0.00E+00	0.00E+00
Te-119m	2.98E-08	1.49E-08	1.02E-13	5.08E-14	0.00E+00	0.00E+00	0.00E+00
Te-121	1.02E-11	5.09E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-121m	5.12E-10	2.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-125m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127	2.35E-13	1.17E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127m	6.81E-13	3.40E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129	4.81E-10	2.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129m	1.34E-10	6.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-131	1.84E-09	9.21E-10	6.90E-16	3.45E-16	0.00E+00	0.00E+00	0.00E+00
Te-131m	1.81E-08	9.06E-09	4.22E-14	2.11E-14	0.00E+00	0.00E+00	0.00E+00
Te-132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-133	1.07E-07	5.35E-08	6.83E-13	3.42E-13	0.00E+00	0.00E+00	0.00E+00
Te-133m	4.61E-08	2.31E-08	3.55E-13	1.78E-13	0.00E+00	0.00E+00	0.00E+00
Te-134	7.92E-11	3.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-223	9.29E-16	4.65E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-224	2.56E-14	1.28E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-226	6.16E-14	3.08E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-227	4.86E-13	2.43E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-228	3.44E-14	1.72E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229	4.82E-19	2.41E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-230	4.92E-07	2.46E-07	2.93E-12	1.46E-12	0.00E+00	0.00E+00	0.00E+00
Th-231	5.15E-19	2.58E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-233	1.17E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-235	1.28E-10	6.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-236	1.54E-11	7.69E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ti-44	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-45	2.58E-08	1.29E-08	5.97E-15	2.99E-15	0.00E+00	0.00E+00	0.00E+00
Ti-51	1.57E-10	7.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190	2.55E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190m	1.52E-09	7.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194	3.37E-10	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194m	4.44E-09	2.22E-09	1.76E-15	8.79E-16	0.00E+00	0.00E+00	0.00E+00
Tl-195	1.46E-07	7.32E-08	7.76E-13	3.88E-13	0.00E+00	0.00E+00	0.00E+00
Tl-196	1.18E-07	5.91E-08	4.67E-13	2.33E-13	0.00E+00	0.00E+00	0.00E+00
Tl-197	9.69E-09	4.84E-09	1.11E-15	5.57E-16	0.00E+00	0.00E+00	0.00E+00
Tl-198	1.58E-07	7.90E-08	1.04E-12	5.20E-13	0.00E+00	0.00E+00	0.00E+00
Tl-198m	1.64E-10	8.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-199	1.74E-10	8.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-200	9.09E-09	4.55E-09	5.08E-15	2.54E-15	0.00E+00	0.00E+00	0.00E+00
Tl-201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-202	2.06E-12	1.03E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206m	6.74E-10	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206	8.55E-11	4.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-207	7.67E-10	3.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-208	1.01E-06	5.04E-07	1.13E-11	5.65E-12	0.00E+00	0.00E+00	0.00E+00
Tl-209	3.11E-08	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-210	1.50E-07	7.50E-08	8.76E-13	4.38E-13	0.00E+00	0.00E+00	0.00E+00
Tm-161	7.73E-08	3.86E-08	8.18E-14	4.09E-14	0.00E+00	0.00E+00	0.00E+00
Tm-162	7.22E-07	3.61E-07	1.73E-11	8.65E-12	0.00E+00	0.00E+00	0.00E+00
Tm-163	2.67E-08	1.34E-08	9.36E-15	4.68E-15	0.00E+00	0.00E+00	0.00E+00
Tm-164	1.93E-07	9.64E-08	1.71E-12	8.55E-13	0.00E+00	0.00E+00	0.00E+00
Tm-165	1.48E-09	7.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-166	1.12E-07	5.61E-08	3.74E-13	1.87E-13	0.00E+00	0.00E+00	0.00E+00
Tm-167	4.28E-13	2.14E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-168	4.53E-10	2.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-172	2.80E-08	1.40E-08	1.41E-15	7.03E-16	0.00E+00	0.00E+00	0.00E+00
Tm-173	7.59E-14	3.80E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-174	1.13E-09	5.63E-10	3.01E-17	1.51E-17	0.00E+00	0.00E+00	0.00E+00
Tm-175	2.96E-09	1.48E-09	2.77E-17	1.39E-17	0.00E+00	0.00E+00	0.00E+00
Tm-176	3.87E-07	1.94E-07	5.14E-12	2.57E-12	0.00E+00	0.00E+00	0.00E+00
U-227	6.50E-17	3.25E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-228	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230	1.62E-14	8.10E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-231	1.48E-18	7.42E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
U-232	6.59E-15	3.30E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-233	8.45E-13	4.22E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235	6.74E-10	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-237	2.10E-17	1.05E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-239	1.03E-10	5.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-240	6.46E-18	3.23E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-242	7.65E-12	3.83E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-47	2.29E-07	1.14E-07	1.04E-12	5.18E-13	0.00E+00	0.00E+00	0.00E+00
V-48	2.04E-08	1.02E-08	7.33E-14	3.67E-14	0.00E+00	0.00E+00	0.00E+00
V-49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-50	3.80E-08	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-52	2.97E-08	1.48E-08	7.96E-15	3.98E-15	0.00E+00	0.00E+00	0.00E+00
V-53	2.64E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-177	1.52E-09	7.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179m	4.73E-18	2.36E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-187	4.38E-11	2.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-188	2.61E-16	1.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-120	2.63E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-121	6.15E-07	3.08E-07	7.16E-12	3.58E-12	0.00E+00	0.00E+00	0.00E+00
Xe-122	3.66E-14	1.83E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-123	6.01E-08	3.01E-08	1.50E-13	7.51E-14	0.00E+00	0.00E+00	0.00E+00
Xe-125	3.54E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127	6.03E-15	3.01E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-129m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133	2.65E-19	1.32E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135	2.42E-12	1.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135m	5.47E-12	2.73E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-137	1.05E-07	5.23E-08	1.65E-12	8.25E-13	0.00E+00	0.00E+00	0.00E+00
Xe-138	1.79E-07	8.95E-08	4.78E-13	2.39E-13	0.00E+00	0.00E+00	0.00E+00
Y-81	5.85E-14	2.93E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Y-83	1.63E-07	8.13E-08	2.32E-12	1.16E-12	0.00E+00	0.00E+00	0.00E+00
Y-83m	2.76E-13	1.38E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-84m	1.92E-08	9.59E-09	7.18E-14	3.59E-14	0.00E+00	0.00E+00	0.00E+00
Y-85	4.17E-10	2.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-85m	2.33E-07	1.17E-07	1.79E-12	8.93E-13	0.00E+00	0.00E+00	0.00E+00
Y-86	1.05E-07	5.23E-08	9.75E-13	4.88E-13	0.00E+00	0.00E+00	0.00E+00
Y-86m	2.90E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87	1.02E-12	5.08E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87m	1.05E-16	5.25E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-88	1.24E-07	6.20E-08	2.30E-13	1.15E-13	0.00E+00	0.00E+00	0.00E+00
Y-89m	8.34E-10	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-90	2.93E-08	1.46E-08	1.60E-13	8.01E-14	0.00E+00	0.00E+00	0.00E+00
Y-90m	3.98E-11	1.99E-11	2.51E-16	1.26E-16	0.00E+00	0.00E+00	0.00E+00
Y-91	6.07E-09	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-91m	9.66E-12	4.83E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-92	1.71E-08	8.53E-09	8.83E-14	4.41E-14	0.00E+00	0.00E+00	0.00E+00
Y-93	1.07E-07	5.36E-08	2.98E-13	1.49E-13	0.00E+00	0.00E+00	0.00E+00
Y-94	1.43E-07	7.15E-08	3.07E-12	1.54E-12	0.00E+00	0.00E+00	0.00E+00
Y-95	1.81E-06	9.04E-07	5.35E-11	2.67E-11	0.00E+00	0.00E+00	0.00E+00
Yb-162	1.55E-11	7.77E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-163	3.94E-08	1.97E-08	2.07E-14	1.04E-14	0.00E+00	0.00E+00	0.00E+00
Yb-164	4.00E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-165	9.40E-09	4.70E-09	6.94E-15	3.47E-15	0.00E+00	0.00E+00	0.00E+00
Yb-166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-167	9.14E-10	4.57E-10	6.10E-17	3.05E-17	0.00E+00	0.00E+00	0.00E+00
Yb-169	4.59E-15	2.29E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-175	8.04E-17	4.02E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-177	3.29E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-178	1.46E-16	7.31E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-179	5.59E-11	2.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-60	5.71E-11	2.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-61	4.26E-07	2.13E-07	5.91E-12	2.95E-12	0.00E+00	0.00E+00	0.00E+00
Zn-62	6.61E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-63	5.69E-08	2.85E-08	5.30E-13	2.65E-13	0.00E+00	0.00E+00	0.00E+00
Zn-65	4.17E-09	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69	2.21E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69m	5.34E-13	2.67E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-71	5.68E-09	2.84E-09	1.12E-14	5.60E-15	0.00E+00	0.00E+00	0.00E+00
Zn-71m	2.68E-09	1.34E-09	4.85E-15	2.43E-15	0.00E+00	0.00E+00	0.00E+00
Zn-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-85	2.50E-08	1.25E-08	1.27E-14	6.36E-15	0.00E+00	0.00E+00	0.00E+00
Zr-86	2.25E-12	1.13E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-87	1.30E-07	6.50E-08	1.17E-12	5.85E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Zr-88	2.99E-17	1.50E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-89	2.74E-09	1.37E-09	8.61E-16	4.30E-16	0.00E+00	0.00E+00	0.00E+00
Zr-89m	5.08E-09	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-95	9.44E-11	4.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-97	4.47E-09	2.24E-09	1.86E-15	9.29E-16	0.00E+00	0.00E+00	0.00E+00

Table 4: 15 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223	4.43E-13	2.22E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-224	2.47E-16	1.23E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225	1.10E-12	5.49E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-226	7.85E-14	3.92E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227	1.98E-14	9.89E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-228	1.42E-08	7.12E-09	3.59E-15	1.80E-15	0.00E+00	0.00E+00	0.00E+00
Ac-230	1.33E-07	6.65E-08	5.51E-13	2.76E-13	0.00E+00	0.00E+00	0.00E+00
Ac-231	7.49E-15	3.75E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-232	1.62E-07	8.10E-08	1.41E-13	7.06E-14	0.00E+00	0.00E+00	0.00E+00
Ac-233	5.04E-12	2.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-100m	1.08E-07	5.39E-08	5.76E-13	2.88E-13	0.00E+00	0.00E+00	0.00E+00
Ag-101	1.65E-07	8.23E-08	1.96E-12	9.79E-13	0.00E+00	0.00E+00	0.00E+00
Ag-102m	1.38E-06	6.91E-07	2.55E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00
Ag-102	4.46E-07	2.23E-07	8.77E-12	4.39E-12	0.00E+00	0.00E+00	0.00E+00
Ag-103	3.24E-08	1.62E-08	2.41E-13	1.20E-13	0.00E+00	0.00E+00	0.00E+00
Ag-104	2.83E-08	1.41E-08	1.10E-13	5.49E-14	0.00E+00	0.00E+00	0.00E+00
Ag-104m	8.18E-07	4.09E-07	1.53E-11	7.66E-12	0.00E+00	0.00E+00	0.00E+00
Ag-105	4.21E-10	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-105m	4.74E-10	2.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-106	2.25E-09	1.13E-09	1.68E-14	8.39E-15	0.00E+00	0.00E+00	0.00E+00
Ag-106m	1.25E-08	6.25E-09	3.30E-15	1.65E-15	0.00E+00	0.00E+00	0.00E+00
Ag-108	1.99E-10	9.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m	4.88E-11	2.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110	1.92E-09	9.62E-10	1.81E-15	9.06E-16	0.00E+00	0.00E+00	0.00E+00
Ag-110m	8.99E-09	4.50E-09	3.97E-17	1.99E-17	0.00E+00	0.00E+00	0.00E+00
Ag-111	1.40E-12	6.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-111m	1.21E-11	6.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-112	2.17E-07	1.09E-07	2.33E-12	1.17E-12	0.00E+00	0.00E+00	0.00E+00
Ag-113m	2.75E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-113	1.40E-09	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-114	2.89E-07	1.45E-07	3.45E-12	1.72E-12	0.00E+00	0.00E+00	0.00E+00
Ag-115	2.42E-07	1.21E-07	2.01E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00
Ag-116	8.94E-07	4.47E-07	1.30E-11	6.48E-12	0.00E+00	0.00E+00	0.00E+00
Ag-117	7.30E-07	3.65E-07	9.77E-12	4.88E-12	0.00E+00	0.00E+00	0.00E+00
Ag-99	4.47E-07	2.23E-07	7.88E-12	3.94E-12	0.00E+00	0.00E+00	0.00E+00
Al-26	2.11E-07	1.05E-07	2.95E-13	1.48E-13	0.00E+00	0.00E+00	0.00E+00
Al-28	1.85E-07	9.26E-08	1.18E-13	5.90E-14	0.00E+00	0.00E+00	0.00E+00
Al-29	1.34E-07	6.71E-08	1.38E-12	6.90E-13	0.00E+00	0.00E+00	0.00E+00
Am-237	9.13E-11	4.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-238	1.08E-08	5.41E-09	2.40E-15	1.20E-15	0.00E+00	0.00E+00	0.00E+00
Am-239	1.46E-15	7.32E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Am-240	1.27E-09	6.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-241	2.59E-11	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243	1.37E-14	6.85E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244	3.78E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244m	2.94E-09	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-245	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246	1.05E-10	5.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246m	6.46E-09	3.23E-09	2.50E-15	1.25E-15	0.00E+00	0.00E+00	0.00E+00
Am-247	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-41	1.60E-08	8.02E-09	3.89E-17	1.95E-17	0.00E+00	0.00E+00	0.00E+00
Ar-42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-43	5.22E-07	2.61E-07	9.37E-12	4.68E-12	0.00E+00	0.00E+00	0.00E+00
Ar-44	1.62E-07	8.09E-08	2.60E-13	1.30E-13	0.00E+00	0.00E+00	0.00E+00
As-68	3.26E-07	1.63E-07	4.86E-12	2.43E-12	0.00E+00	0.00E+00	0.00E+00
As-69	2.35E-07	1.17E-07	2.33E-12	1.17E-12	0.00E+00	0.00E+00	0.00E+00
As-70	1.39E-07	6.96E-08	2.51E-12	1.25E-12	0.00E+00	0.00E+00	0.00E+00
As-71	2.82E-09	1.41E-09	5.19E-16	2.60E-16	0.00E+00	0.00E+00	0.00E+00
As-72	2.34E-07	1.17E-07	4.69E-12	2.34E-12	0.00E+00	0.00E+00	0.00E+00
As-73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-74	5.59E-10	2.79E-10	4.72E-15	2.36E-15	0.00E+00	0.00E+00	0.00E+00
As-76	3.39E-08	1.69E-08	2.61E-13	1.30E-13	0.00E+00	0.00E+00	0.00E+00
As-77	1.51E-12	7.55E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-78	1.83E-07	9.17E-08	1.97E-12	9.87E-13	0.00E+00	0.00E+00	0.00E+00
As-79	3.59E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-204	1.41E-10	7.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-205	7.79E-08	3.90E-08	7.22E-13	3.61E-13	0.00E+00	0.00E+00	0.00E+00
At-206	3.43E-08	1.71E-08	2.90E-13	1.45E-13	0.00E+00	0.00E+00	0.00E+00
At-207	1.55E-07	7.75E-08	1.66E-12	8.28E-13	0.00E+00	0.00E+00	0.00E+00
At-208	1.04E-07	5.20E-08	1.15E-12	5.75E-13	0.00E+00	0.00E+00	0.00E+00
At-209	6.45E-09	3.22E-09	2.87E-14	1.43E-14	0.00E+00	0.00E+00	0.00E+00
At-210	3.89E-08	1.95E-08	1.52E-13	7.61E-14	0.00E+00	0.00E+00	0.00E+00
At-211	6.59E-12	3.30E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-215	1.33E-13	6.65E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-216	7.26E-15	3.63E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-217	3.51E-12	1.76E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-220	1.05E-11	5.25E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-186	4.99E-08	2.50E-08	1.60E-13	7.98E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Au-187	1.11E-07	5.57E-08	4.23E-13	2.12E-13	0.00E+00	0.00E+00	0.00E+00
Au-190	1.08E-06	5.39E-07	1.52E-11	7.59E-12	0.00E+00	0.00E+00	0.00E+00
Au-191	3.69E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-192	4.25E-07	2.12E-07	4.43E-12	2.22E-12	0.00E+00	0.00E+00	0.00E+00
Au-193	2.68E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-194	9.53E-08	4.76E-08	3.07E-13	1.54E-13	0.00E+00	0.00E+00	0.00E+00
Au-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-195m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196	1.94E-11	9.70E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198	2.14E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-200	1.16E-08	5.81E-09	1.37E-15	6.85E-16	0.00E+00	0.00E+00	0.00E+00
Au-200m	7.30E-11	3.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-201	1.43E-11	7.13E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-202	1.19E-08	5.93E-09	4.57E-15	2.28E-15	0.00E+00	0.00E+00	0.00E+00
Ba-124	5.64E-09	2.82E-09	6.53E-16	3.27E-16	0.00E+00	0.00E+00	0.00E+00
Ba-126	2.90E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-127	1.75E-07	8.75E-08	1.32E-12	6.61E-13	0.00E+00	0.00E+00	0.00E+00
Ba-128	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-129	7.70E-08	3.85E-08	5.04E-14	2.52E-14	0.00E+00	0.00E+00	0.00E+00
Ba-129m	1.45E-08	7.23E-09	2.12E-15	1.06E-15	0.00E+00	0.00E+00	0.00E+00
Ba-131	1.37E-10	6.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133m	1.83E-14	9.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-135m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-137m	4.84E-11	2.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-139	3.94E-09	1.97E-09	1.71E-16	8.53E-17	0.00E+00	0.00E+00	0.00E+00
Ba-140	4.45E-12	2.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-141	4.26E-08	2.13E-08	2.47E-13	1.23E-13	0.00E+00	0.00E+00	0.00E+00
Ba-142	4.53E-09	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-7	1.51E-12	7.53E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-197	2.28E-08	1.14E-08	8.46E-15	4.23E-15	0.00E+00	0.00E+00	0.00E+00
Bi-200	1.24E-09	6.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-201	7.84E-08	3.92E-08	4.66E-13	2.33E-13	0.00E+00	0.00E+00	0.00E+00
Bi-202	8.87E-08	4.44E-08	1.52E-12	7.62E-13	0.00E+00	0.00E+00	0.00E+00
Bi-203	1.01E-07	5.04E-08	2.77E-13	1.39E-13	0.00E+00	0.00E+00	0.00E+00
Bi-204	5.53E-08	2.76E-08	4.65E-13	2.32E-13	0.00E+00	0.00E+00	0.00E+00
Bi-205	9.62E-08	4.81E-08	7.76E-14	3.88E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Bi-206	3.29E-08	1.64E-08	4.42E-14	2.21E-14	0.00E+00	0.00E+00	0.00E+00
Bi-207	1.60E-08	8.01E-09	8.75E-15	4.37E-15	0.00E+00	0.00E+00	0.00E+00
Bi-208	1.75E-06	8.74E-07	2.32E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00
Bi-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m	4.15E-12	2.08E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-211	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212	2.56E-08	1.28E-08	7.93E-15	3.96E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213	1.74E-10	8.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214	1.59E-07	7.93E-08	1.18E-12	5.91E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215	3.83E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216	5.44E-12	2.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-245	2.74E-15	1.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-246	1.34E-09	6.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-247	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-248m	4.37E-12	2.18E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-249	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-250	2.18E-09	1.09E-09	4.04E-17	2.02E-17	0.00E+00	0.00E+00	0.00E+00
Bk-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-72	1.43E-07	7.15E-08	1.51E-12	7.53E-13	0.00E+00	0.00E+00	0.00E+00
Br-73	2.99E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-74	5.16E-06	2.58E-06	2.15E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00
Br-74m	2.25E-06	1.13E-06	6.95E-11	3.48E-11	0.00E+00	0.00E+00	0.00E+00
Br-75	1.22E-09	6.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-76	1.18E-06	5.91E-07	2.44E-11	1.22E-11	0.00E+00	0.00E+00	0.00E+00
Br-76m	2.21E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77	8.40E-11	4.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-78	1.51E-08	7.54E-09	1.38E-13	6.91E-14	0.00E+00	0.00E+00	0.00E+00
Br-80	1.88E-10	9.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-80m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-82m	8.92E-09	4.46E-09	3.54E-14	1.77E-14	0.00E+00	0.00E+00	0.00E+00
Br-82	7.65E-09	3.83E-09	3.62E-16	1.81E-16	0.00E+00	0.00E+00	0.00E+00
Br-83	5.64E-12	2.82E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-84m	2.49E-08	1.24E-08	2.37E-15	1.18E-15	0.00E+00	0.00E+00	0.00E+00
Br-84	2.68E-06	1.34E-06	7.89E-11	3.94E-11	0.00E+00	0.00E+00	0.00E+00
Br-85	3.92E-08	1.96E-08	1.87E-13	9.36E-14	0.00E+00	0.00E+00	0.00E+00
C-10	1.51E-10	7.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-47	1.53E-08	7.66E-09	7.90E-17	3.95E-17	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ca-49	4.87E-06	2.43E-06	1.13E-10	5.66E-11	0.00E+00	0.00E+00	0.00E+00
Cd-101	2.50E-07	1.25E-07	2.23E-12	1.12E-12	0.00E+00	0.00E+00	0.00E+00
Cd-102	7.25E-09	3.63E-09	2.27E-15	1.14E-15	0.00E+00	0.00E+00	0.00E+00
Cd-103	5.01E-07	2.51E-07	5.78E-12	2.89E-12	0.00E+00	0.00E+00	0.00E+00
Cd-104	6.32E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-105	2.37E-07	1.19E-07	1.95E-12	9.77E-13	0.00E+00	0.00E+00	0.00E+00
Cd-107	1.31E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-111m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115	4.13E-12	2.07E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115m	6.50E-09	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-117	3.01E-08	1.50E-08	9.64E-15	4.82E-15	0.00E+00	0.00E+00	0.00E+00
Cd-117m	2.35E-07	1.17E-07	1.72E-12	8.60E-13	0.00E+00	0.00E+00	0.00E+00
Cd-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-119	2.57E-07	1.29E-07	2.34E-12	1.17E-12	0.00E+00	0.00E+00	0.00E+00
Cd-119m	2.27E-07	1.13E-07	1.90E-12	9.48E-13	0.00E+00	0.00E+00	0.00E+00
Ce-130	2.48E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-131	4.01E-08	2.00E-08	1.00E-13	5.02E-14	0.00E+00	0.00E+00	0.00E+00
Ce-132	2.27E-12	1.14E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133	4.35E-12	2.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133m	5.86E-08	2.93E-08	2.29E-13	1.15E-13	0.00E+00	0.00E+00	0.00E+00
Ce-134	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-135	1.39E-09	6.95E-10	3.31E-16	1.65E-16	0.00E+00	0.00E+00	0.00E+00
Ce-137	5.22E-11	2.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-137m	6.73E-11	3.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-139	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-143	1.70E-10	8.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-145	1.44E-09	7.21E-10	3.43E-18	1.71E-18	0.00E+00	0.00E+00	0.00E+00
Cf-244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-246	1.23E-07	6.16E-08	1.30E-11	6.50E-12	2.82E-15	9.40E-18	0.00E+00
Cf-247	4.79E-14	2.40E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-248	8.66E-07	4.33E-07	8.70E-11	4.35E-11	1.81E-14	5.97E-17	0.00E+00
Cf-249	6.31E-13	3.15E-13	3.71E-17	1.85E-17	7.51E-21	2.47E-23	0.00E+00
Cf-250	2.05E-06	1.03E-06	1.96E-10	9.81E-11	3.88E-14	1.27E-16	0.00E+00
Cf-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-252	2.09E-06	1.05E-06	1.91E-10	9.57E-11	3.60E-14	1.17E-16	0.00E+00
Cf-253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-254	2.07E-06	1.03E-06	1.80E-10	9.02E-11	3.21E-14	1.03E-16	0.00E+00
Cf-255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cl-34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-34m	1.91E-06	9.53E-07	4.15E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00
Cl-36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-38	4.47E-07	2.24E-07	3.92E-12	1.96E-12	0.00E+00	0.00E+00	0.00E+00
Cl-39	2.70E-08	1.35E-08	1.07E-14	5.37E-15	0.00E+00	0.00E+00	0.00E+00
Cl-40	5.73E-06	2.86E-06	7.20E-10	3.60E-10	1.25E-13	2.31E-17	0.00E+00
Cm-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-240	1.22E-09	6.12E-10	1.31E-13	6.57E-14	2.89E-17	9.65E-20	0.00E+00
Cm-241	2.12E-12	1.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-242	2.53E-09	1.27E-09	2.58E-13	1.29E-13	5.42E-17	1.79E-19	0.00E+00
Cm-243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-244	7.03E-08	3.51E-08	6.80E-12	3.40E-12	1.36E-15	4.46E-18	0.00E+00
Cm-245	2.10E-12	1.05E-12	1.99E-16	9.93E-17	3.88E-20	1.27E-22	0.00E+00
Cm-246	1.91E-06	9.55E-07	1.78E-10	8.88E-11	3.40E-14	1.11E-16	0.00E+00
Cm-247	9.28E-14	4.64E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-248	2.07E-06	1.04E-06	1.83E-10	9.14E-11	3.30E-14	1.06E-16	0.00E+00
Cm-249	1.39E-11	6.94E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250	2.05E-06	1.02E-06	1.73E-10	8.67E-11	2.97E-14	9.42E-17	0.00E+00
Cm-251	1.48E-10	7.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-54m	1.87E-08	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-55	2.79E-08	1.40E-08	2.25E-13	1.13E-13	0.00E+00	0.00E+00	0.00E+00
Co-56	9.83E-07	4.92E-07	1.78E-11	8.88E-12	0.00E+00	0.00E+00	0.00E+00
Co-57	9.41E-13	4.70E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-58	1.52E-09	7.61E-10	5.85E-16	2.93E-16	0.00E+00	0.00E+00	0.00E+00
Co-58m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-60	1.54E-08	7.72E-09	5.86E-17	2.93E-17	0.00E+00	0.00E+00	0.00E+00
Co-60m	1.90E-08	9.52E-09	2.06E-14	1.03E-14	0.00E+00	0.00E+00	0.00E+00
Co-61	5.38E-10	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-62	4.76E-07	2.38E-07	1.02E-11	5.11E-12	0.00E+00	0.00E+00	0.00E+00
Co-62m	1.45E-07	7.25E-08	1.26E-12	6.29E-13	0.00E+00	0.00E+00	0.00E+00
Cr-48	1.62E-16	8.09E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-49	1.13E-09	5.64E-10	2.70E-15	1.35E-15	0.00E+00	0.00E+00	0.00E+00
Cr-51	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-55	1.46E-07	7.28E-08	1.12E-12	5.61E-13	0.00E+00	0.00E+00	0.00E+00
Cr-56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121	6.95E-09	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121m	3.81E-09	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-123	3.46E-09	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-124	1.79E-07	8.96E-08	1.79E-12	8.96E-13	0.00E+00	0.00E+00	0.00E+00
Cs-125	9.19E-08	4.60E-08	8.87E-13	4.43E-13	0.00E+00	0.00E+00	0.00E+00
Cs-126	7.42E-08	3.71E-08	6.98E-13	3.49E-13	0.00E+00	0.00E+00	0.00E+00
Cs-127	1.89E-09	9.44E-10	4.66E-16	2.33E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cs-128	6.27E-08	3.13E-08	6.23E-13	3.12E-13	0.00E+00	0.00E+00	0.00E+00
Cs-129	1.27E-11	6.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130m	4.97E-13	2.49E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130	5.49E-08	2.74E-08	9.68E-14	4.84E-14	0.00E+00	0.00E+00	0.00E+00
Cs-131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-132	8.97E-10	4.49E-10	4.16E-16	2.08E-16	0.00E+00	0.00E+00	0.00E+00
Cs-134	9.25E-10	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-134m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135m	3.70E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-136	2.58E-09	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-137	4.29E-12	2.15E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138m	2.58E-08	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138	3.44E-07	1.72E-07	4.71E-12	2.35E-12	0.00E+00	0.00E+00	0.00E+00
Cs-139	9.07E-07	4.53E-07	2.06E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00
Cs-140	1.13E-06	5.65E-07	2.23E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00
Cu-57	3.76E-07	1.88E-07	5.13E-12	2.57E-12	0.00E+00	0.00E+00	0.00E+00
Cu-59	2.33E-08	1.16E-08	5.65E-14	2.82E-14	0.00E+00	0.00E+00	0.00E+00
Cu-60	7.05E-07	3.53E-07	1.65E-11	8.26E-12	2.14E-18	0.00E+00	0.00E+00
Cu-61	6.69E-09	3.35E-09	2.59E-14	1.30E-14	0.00E+00	0.00E+00	0.00E+00
Cu-62	3.94E-07	1.97E-07	8.05E-12	4.03E-12	0.00E+00	0.00E+00	0.00E+00
Cu-64	2.38E-08	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-66	3.02E-09	1.51E-09	1.41E-17	7.03E-18	0.00E+00	0.00E+00	0.00E+00
Cu-67	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-69	8.21E-09	4.10E-09	3.75E-15	1.87E-15	0.00E+00	0.00E+00	0.00E+00
Dy-148	8.98E-10	4.49E-10	2.80E-16	1.40E-16	0.00E+00	0.00E+00	0.00E+00
Dy-149	7.35E-08	3.67E-08	8.98E-14	4.49E-14	0.00E+00	0.00E+00	0.00E+00
Dy-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-151	2.90E-08	1.45E-08	2.37E-14	1.18E-14	0.00E+00	0.00E+00	0.00E+00
Dy-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-153	1.94E-08	9.70E-09	7.25E-15	3.63E-15	0.00E+00	0.00E+00	0.00E+00
Dy-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-155	1.24E-08	6.20E-09	2.73E-15	1.37E-15	0.00E+00	0.00E+00	0.00E+00
Dy-157	5.21E-12	2.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-159	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165m	1.95E-12	9.75E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165	3.22E-10	1.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-166	6.93E-14	3.47E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-167	4.00E-10	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-168	3.97E-12	1.99E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-159	4.93E-08	2.46E-08	1.95E-13	9.75E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Er-161	7.02E-09	3.51E-09	1.44E-15	7.19E-16	0.00E+00	0.00E+00	0.00E+00
Er-163	1.95E-10	9.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-167m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-171	3.97E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-172	7.05E-12	3.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-173	5.87E-10	2.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-249	5.99E-10	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250	3.06E-10	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250m	1.01E-08	5.07E-09	2.57E-15	1.29E-15	0.00E+00	0.00E+00	0.00E+00
Es-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-253	5.48E-09	2.74E-09	5.19E-13	2.60E-13	1.02E-16	3.33E-19	0.00E+00
Es-254	1.28E-10	6.38E-11	1.18E-14	5.91E-15	2.26E-18	7.34E-21	0.00E+00
Es-254m	2.71E-08	1.36E-08	2.51E-12	1.25E-12	4.78E-16	1.56E-18	0.00E+00
Es-255	2.09E-06	1.04E-06	1.89E-10	9.43E-11	3.50E-14	1.13E-16	0.00E+00
Es-256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-142	2.38E-07	1.19E-07	2.26E-12	1.13E-12	0.00E+00	0.00E+00	0.00E+00
Eu-142m	8.98E-09	4.49E-09	4.90E-14	2.45E-14	0.00E+00	0.00E+00	0.00E+00
Eu-143	2.03E-07	1.02E-07	1.80E-12	9.02E-13	0.00E+00	0.00E+00	0.00E+00
Eu-144	2.13E-07	1.07E-07	1.59E-12	7.95E-13	0.00E+00	0.00E+00	0.00E+00
Eu-145	8.38E-08	4.19E-08	2.54E-13	1.27E-13	0.00E+00	0.00E+00	0.00E+00
Eu-146	7.84E-08	3.92E-08	6.71E-13	3.36E-13	0.00E+00	0.00E+00	0.00E+00
Eu-147	2.35E-09	1.17E-09	1.09E-17	5.44E-18	0.00E+00	0.00E+00	0.00E+00
Eu-148	1.09E-08	5.44E-09	1.70E-14	8.51E-15	0.00E+00	0.00E+00	0.00E+00
Eu-149	5.68E-13	2.84E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-150	3.45E-09	1.73E-09	5.08E-16	2.54E-16	0.00E+00	0.00E+00	0.00E+00
Eu-150m	1.86E-08	9.31E-09	1.19E-14	5.93E-15	0.00E+00	0.00E+00	0.00E+00
Eu-152	1.13E-08	5.65E-09	3.36E-17	1.68E-17	0.00E+00	0.00E+00	0.00E+00
Eu-152m	2.91E-09	1.46E-09	3.39E-17	1.70E-17	0.00E+00	0.00E+00	0.00E+00
Eu-152n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-154	7.13E-09	3.56E-09	1.81E-16	9.07E-17	0.00E+00	0.00E+00	0.00E+00
Eu-154m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-156	1.86E-07	9.30E-08	1.32E-12	6.61E-13	0.00E+00	0.00E+00	0.00E+00
Eu-157	5.31E-11	2.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-158	9.49E-08	4.74E-08	9.09E-13	4.55E-13	0.00E+00	0.00E+00	0.00E+00
Eu-159	4.78E-09	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-17	7.49E-10	3.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-52	3.83E-09	1.91E-09	2.07E-15	1.04E-15	0.00E+00	0.00E+00	0.00E+00
Fe-53	1.67E-07	8.35E-08	2.32E-12	1.16E-12	0.00E+00	0.00E+00	0.00E+00
Fe-53m	1.02E-07	5.08E-08	1.10E-12	5.48E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Fe-55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-59	1.00E-08	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-61	1.07E-07	5.37E-08	1.13E-12	5.66E-13	0.00E+00	0.00E+00	0.00E+00
Fe-62	2.45E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-251	6.33E-10	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-252	7.53E-07	3.77E-07	7.82E-11	3.91E-11	1.67E-14	5.55E-17	0.00E+00
Fm-253	1.15E-15	5.74E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-254	2.02E-06	1.01E-06	1.99E-10	9.94E-11	4.05E-14	1.33E-16	0.00E+00
Fm-255	1.16E-09	5.82E-10	1.11E-13	5.56E-14	2.20E-17	7.19E-20	0.00E+00
Fm-256	2.11E-06	1.06E-06	1.98E-10	9.88E-11	3.82E-14	1.24E-16	0.00E+00
Fm-257	5.03E-07	2.52E-07	4.58E-11	2.29E-11	8.56E-15	2.77E-17	0.00E+00
Fr-212	8.57E-09	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-219	1.15E-12	5.77E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-220	4.02E-15	2.01E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221	6.16E-15	3.08E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-222	2.48E-09	1.24E-09	6.49E-17	3.25E-17	0.00E+00	0.00E+00	0.00E+00
Fr-223	5.90E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-224	4.00E-08	2.00E-08	1.31E-13	6.55E-14	0.00E+00	0.00E+00	0.00E+00
Fr-227	2.54E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-64	2.44E-06	1.22E-06	7.88E-11	3.94E-11	2.60E-16	0.00E+00	0.00E+00
Ga-65	5.14E-08	2.57E-08	5.42E-13	2.71E-13	0.00E+00	0.00E+00	0.00E+00
Ga-66	4.87E-06	2.44E-06	2.64E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00
Ga-67	9.05E-12	4.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-68	2.14E-08	1.07E-08	2.96E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Ga-70	2.84E-09	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-72	4.07E-07	2.04E-07	4.69E-12	2.34E-12	0.00E+00	0.00E+00	0.00E+00
Ga-73	1.81E-10	9.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-74	7.77E-07	3.88E-07	1.23E-11	6.14E-12	0.00E+00	0.00E+00	0.00E+00
Gd-142	5.29E-08	2.65E-08	3.06E-14	1.53E-14	0.00E+00	0.00E+00	0.00E+00
Gd-143m	5.05E-08	2.53E-08	7.31E-14	3.66E-14	0.00E+00	0.00E+00	0.00E+00
Gd-144	7.24E-07	3.62E-07	8.95E-12	4.48E-12	0.00E+00	0.00E+00	0.00E+00
Gd-145m	1.02E-10	5.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-145	1.04E-06	5.22E-07	3.38E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00
Gd-146	2.35E-14	1.18E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-147	6.59E-09	3.30E-09	2.74E-15	1.37E-15	0.00E+00	0.00E+00	0.00E+00
Gd-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-149	1.41E-10	7.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-151	1.65E-17	8.26E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-159	4.19E-13	2.09E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Gd-162	5.41E-13	2.71E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-66	3.81E-09	1.90E-09	5.20E-16	2.60E-16	0.00E+00	0.00E+00	0.00E+00
Ge-67	3.30E-07	1.65E-07	5.76E-12	2.88E-12	0.00E+00	0.00E+00	0.00E+00
Ge-68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-69	1.61E-08	8.03E-09	2.38E-14	1.19E-14	0.00E+00	0.00E+00	0.00E+00
Ge-71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-75	3.29E-13	1.64E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-77	2.88E-08	1.44E-08	1.85E-13	9.27E-14	0.00E+00	0.00E+00	0.00E+00
Ge-78	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-169	1.52E-12	7.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-170	1.19E-11	5.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-173	2.97E-10	1.49E-10	3.71E-16	1.86E-16	0.00E+00	0.00E+00	0.00E+00
Hf-174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-175	1.44E-14	7.22E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-177m	2.06E-12	1.03E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-178m	2.81E-12	1.40E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-179m	4.30E-13	2.15E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-180m	5.02E-13	2.51E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-181	1.26E-12	6.31E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182m	2.81E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-183	2.67E-09	1.34E-09	1.93E-16	9.65E-17	0.00E+00	0.00E+00	0.00E+00
Hf-184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-190	6.15E-13	3.07E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-191m	2.22E-08	1.11E-08	8.78E-15	4.39E-15	0.00E+00	0.00E+00	0.00E+00
Hg-192	1.05E-14	5.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193	4.83E-08	2.42E-08	2.95E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Hg-193m	2.15E-08	1.08E-08	7.34E-15	3.67E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195	1.41E-09	7.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195m	4.71E-10	2.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197m	1.34E-16	6.70E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-199m	2.62E-16	1.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-205	7.64E-10	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-206	5.18E-12	2.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-207	1.76E-07	8.79E-08	1.36E-12	6.79E-13	0.00E+00	0.00E+00	0.00E+00
Ho-150	2.96E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-153	3.40E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ho-153m	1.64E-09	8.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154m	1.21E-09	6.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154	2.55E-08	1.28E-08	1.71E-14	8.55E-15	0.00E+00	0.00E+00	0.00E+00
Ho-155	1.11E-07	5.55E-08	8.74E-13	4.37E-13	0.00E+00	0.00E+00	0.00E+00
Ho-156	1.93E-07	9.67E-08	2.03E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00
Ho-157	3.45E-09	1.72E-09	5.53E-16	2.76E-16	0.00E+00	0.00E+00	0.00E+00
Ho-159	3.92E-10	1.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-160	1.33E-09	6.63E-10	2.19E-17	1.10E-17	0.00E+00	0.00E+00	0.00E+00
Ho-161	2.13E-12	1.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-162	1.70E-08	8.48E-09	1.12E-15	5.61E-16	0.00E+00	0.00E+00	0.00E+00
Ho-162m	5.25E-09	2.62E-09	1.15E-16	5.74E-17	0.00E+00	0.00E+00	0.00E+00
Ho-163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164	6.93E-14	3.46E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-166	3.68E-08	1.84E-08	7.02E-15	3.51E-15	0.00E+00	0.00E+00	0.00E+00
Ho-166m	5.91E-10	2.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-167	7.55E-13	3.78E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-168	1.74E-08	8.70E-09	1.38E-13	6.90E-14	0.00E+00	0.00E+00	0.00E+00
Ho-168m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-170	2.06E-09	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-118m	4.82E-09	2.41E-09	1.02E-15	5.08E-16	0.00E+00	0.00E+00	0.00E+00
I-118	5.15E-08	2.58E-08	3.74E-13	1.87E-13	0.00E+00	0.00E+00	0.00E+00
I-119	5.80E-09	2.90E-09	2.17E-15	1.08E-15	0.00E+00	0.00E+00	0.00E+00
I-120	1.51E-06	7.54E-07	5.08E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00
I-120m	2.31E-07	1.15E-07	2.81E-12	1.40E-12	0.00E+00	0.00E+00	0.00E+00
I-121	2.12E-09	1.06E-09	6.82E-16	3.41E-16	0.00E+00	0.00E+00	0.00E+00
I-122	1.04E-07	5.22E-08	1.16E-12	5.81E-13	0.00E+00	0.00E+00	0.00E+00
I-123	2.46E-12	1.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-124	1.18E-07	5.91E-08	9.57E-13	4.79E-13	0.00E+00	0.00E+00	0.00E+00
I-125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-126	5.02E-10	2.51E-10	4.35E-16	2.17E-16	0.00E+00	0.00E+00	0.00E+00
I-128	7.40E-11	3.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-130m	2.04E-08	1.02E-08	1.13E-13	5.63E-14	0.00E+00	0.00E+00	0.00E+00
I-130	7.07E-10	3.53E-10	7.51E-18	3.76E-18	0.00E+00	0.00E+00	0.00E+00
I-131	1.01E-07	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-132	1.63E-08	8.16E-09	7.75E-14	3.87E-14	0.00E+00	0.00E+00	0.00E+00
I-132m	6.84E-11	3.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-133	1.29E-09	6.47E-10	2.44E-19	1.22E-19	0.00E+00	0.00E+00	0.00E+00
I-134m	1.09E-10	5.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-134	2.61E-08	1.30E-08	1.31E-13	6.55E-14	0.00E+00	0.00E+00	0.00E+00
I-135	7.42E-08	3.71E-08	3.27E-13	1.63E-13	0.00E+00	0.00E+00	0.00E+00
In-103	1.11E-06	5.54E-07	2.87E-11	1.43E-11	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
In-105	3.32E-07	1.66E-07	4.10E-12	2.05E-12	0.00E+00	0.00E+00	0.00E+00
In-106	6.19E-09	3.09E-09	2.37E-15	1.19E-15	0.00E+00	0.00E+00	0.00E+00
In-106m	1.20E-06	5.98E-07	2.71E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00
In-107	3.60E-07	1.80E-07	3.83E-12	1.91E-12	0.00E+00	0.00E+00	0.00E+00
In-108	4.39E-08	2.19E-08	3.14E-13	1.57E-13	0.00E+00	0.00E+00	0.00E+00
In-108m	3.06E-06	1.53E-06	1.00E-10	5.00E-11	0.00E+00	0.00E+00	0.00E+00
In-109	2.16E-08	1.08E-08	1.02E-14	5.10E-15	0.00E+00	0.00E+00	0.00E+00
In-109m	3.59E-11	1.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-110	3.86E-09	1.93E-09	1.54E-15	7.70E-16	0.00E+00	0.00E+00	0.00E+00
In-110m	4.82E-07	2.41E-07	9.54E-12	4.77E-12	0.00E+00	0.00E+00	0.00E+00
In-111	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-111m	5.82E-12	2.91E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-112	3.49E-09	1.74E-09	4.01E-16	2.00E-16	0.00E+00	0.00E+00	0.00E+00
In-112m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114	1.37E-08	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114m	3.89E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115m	2.76E-15	1.38E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-116m	8.39E-08	4.20E-08	5.63E-13	2.81E-13	0.00E+00	0.00E+00	0.00E+00
In-117	6.13E-12	3.07E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-117m	4.72E-12	2.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-118m	2.78E-08	1.39E-08	2.05E-13	1.03E-13	0.00E+00	0.00E+00	0.00E+00
In-118	2.63E-08	1.31E-08	5.80E-14	2.90E-14	0.00E+00	0.00E+00	0.00E+00
In-119	2.02E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-119m	6.74E-09	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121	1.04E-09	5.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121m	5.55E-07	2.77E-07	7.70E-12	3.85E-12	0.00E+00	0.00E+00	0.00E+00
Ir-180	8.10E-10	4.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-182	8.81E-09	4.41E-09	2.24E-15	1.12E-15	0.00E+00	0.00E+00	0.00E+00
Ir-183	1.06E-07	5.32E-08	3.45E-13	1.72E-13	0.00E+00	0.00E+00	0.00E+00
Ir-184	8.97E-08	4.49E-08	7.42E-13	3.71E-13	0.00E+00	0.00E+00	0.00E+00
Ir-185	1.14E-07	5.71E-08	9.32E-14	4.66E-14	0.00E+00	0.00E+00	0.00E+00
Ir-186	2.00E-07	9.99E-08	2.28E-12	1.14E-12	0.00E+00	0.00E+00	0.00E+00
Ir-186m	2.42E-07	1.21E-07	2.74E-12	1.37E-12	0.00E+00	0.00E+00	0.00E+00
Ir-187	6.94E-10	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-188	3.36E-07	1.68E-07	2.79E-12	1.40E-12	0.00E+00	0.00E+00	0.00E+00
Ir-189	3.47E-16	1.73E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190	3.68E-10	1.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192	8.08E-12	4.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ir-192m	4.38E-14	2.19E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-194	8.22E-09	4.11E-09	9.89E-15	4.94E-15	0.00E+00	0.00E+00	0.00E+00
Ir-194m	4.78E-11	2.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195m	2.07E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196	5.40E-09	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196m	6.99E-10	3.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-38	6.78E-07	3.39E-07	7.17E-12	3.58E-12	0.00E+00	0.00E+00	0.00E+00
K-40	4.19E-08	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-42	5.24E-08	2.62E-08	2.31E-14	1.16E-14	0.00E+00	0.00E+00	0.00E+00
K-43	1.21E-10	6.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-44	1.56E-06	7.82E-07	5.09E-11	2.54E-11	4.85E-16	0.00E+00	0.00E+00
K-45	4.10E-07	2.05E-07	4.74E-12	2.37E-12	0.00E+00	0.00E+00	0.00E+00
K-46	4.39E-06	2.20E-06	2.06E-10	1.03E-10	3.65E-15	0.00E+00	0.00E+00
Kr-74	1.08E-10	5.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-75	1.59E-08	7.96E-09	2.45E-15	1.22E-15	0.00E+00	0.00E+00	0.00E+00
Kr-76	7.72E-11	3.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-77	4.95E-09	2.47E-09	2.12E-14	1.06E-14	0.00E+00	0.00E+00	0.00E+00
Kr-79	9.77E-10	4.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-83m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85	3.35E-12	1.68E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85m	4.75E-14	2.38E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-87	8.03E-07	4.02E-07	1.13E-11	5.67E-12	0.00E+00	0.00E+00	0.00E+00
Kr-88	6.38E-07	3.19E-07	7.21E-12	3.61E-12	0.00E+00	0.00E+00	0.00E+00
Kr-89	1.86E-06	9.30E-07	5.95E-11	2.97E-11	0.00E+00	0.00E+00	0.00E+00
La-128	3.08E-08	1.54E-08	1.32E-13	6.62E-14	0.00E+00	0.00E+00	0.00E+00
La-129	1.34E-08	6.68E-09	4.25E-14	2.13E-14	0.00E+00	0.00E+00	0.00E+00
La-130	2.21E-07	1.10E-07	2.74E-12	1.37E-12	0.00E+00	0.00E+00	0.00E+00
La-131	1.61E-08	8.04E-09	8.46E-14	4.23E-14	0.00E+00	0.00E+00	0.00E+00
La-132	5.02E-07	2.51E-07	7.87E-12	3.94E-12	0.00E+00	0.00E+00	0.00E+00
La-132m	6.53E-10	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-133	2.95E-09	1.47E-09	7.32E-16	3.66E-16	0.00E+00	0.00E+00	0.00E+00
La-134	1.11E-07	5.54E-08	8.64E-13	4.32E-13	0.00E+00	0.00E+00	0.00E+00
La-135	7.90E-11	3.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-136	3.17E-08	1.59E-08	2.26E-13	1.13E-13	0.00E+00	0.00E+00	0.00E+00
La-137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-138	2.97E-08	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-140	1.03E-07	5.14E-08	7.76E-13	3.88E-13	0.00E+00	0.00E+00	0.00E+00
La-141	8.51E-08	4.25E-08	5.58E-13	2.79E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
La-142	1.35E-06	6.73E-07	2.54E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00
La-143	3.45E-07	1.72E-07	3.69E-12	1.84E-12	0.00E+00	0.00E+00	0.00E+00
Lu-165	6.23E-08	3.12E-08	9.19E-14	4.60E-14	0.00E+00	0.00E+00	0.00E+00
Lu-167	1.42E-07	7.12E-08	6.03E-13	3.01E-13	0.00E+00	0.00E+00	0.00E+00
Lu-169m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-169	4.10E-08	2.05E-08	9.00E-14	4.50E-14	0.00E+00	0.00E+00	0.00E+00
Lu-170	8.54E-07	4.27E-07	1.08E-11	5.40E-12	0.00E+00	0.00E+00	0.00E+00
Lu-171m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-171	2.63E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-172	1.35E-08	6.74E-09	1.83E-14	9.17E-15	0.00E+00	0.00E+00	0.00E+00
Lu-172m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-173	1.71E-12	8.53E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174	7.05E-09	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174m	3.40E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176	2.40E-16	1.20E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176m	2.51E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177m	8.93E-14	4.47E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-178	2.66E-08	1.33E-08	2.85E-15	1.42E-15	0.00E+00	0.00E+00	0.00E+00
Lu-178m	2.56E-13	1.28E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-179	1.49E-10	7.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-180	1.70E-08	8.48E-09	4.15E-15	2.08E-15	0.00E+00	0.00E+00	0.00E+00
Lu-181	1.30E-10	6.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-27	1.05E-09	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28	1.74E-08	8.69E-09	2.23E-16	1.11E-16	0.00E+00	0.00E+00	0.00E+00
Mn-50m	8.75E-08	4.38E-08	9.20E-13	4.60E-13	0.00E+00	0.00E+00	0.00E+00
Mn-51	1.09E-07	5.47E-08	6.97E-13	3.49E-13	0.00E+00	0.00E+00	0.00E+00
Mn-52	1.82E-08	9.09E-09	2.22E-16	1.11E-16	0.00E+00	0.00E+00	0.00E+00
Mn-52m	4.31E-08	2.15E-08	2.16E-13	1.08E-13	0.00E+00	0.00E+00	0.00E+00
Mn-53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-54	4.89E-10	2.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-56	2.27E-07	1.14E-07	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00
Mn-57	1.49E-08	7.47E-09	4.98E-15	2.49E-15	0.00E+00	0.00E+00	0.00E+00
Mn-58m	1.89E-07	9.43E-08	3.75E-12	1.88E-12	0.00E+00	0.00E+00	0.00E+00
Mo-101	8.20E-08	4.10E-08	3.22E-13	1.61E-13	0.00E+00	0.00E+00	0.00E+00
Mo-102	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-89	1.93E-07	9.67E-08	2.13E-12	1.06E-12	0.00E+00	0.00E+00	0.00E+00
Mo-90	6.01E-09	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-91m	3.35E-08	1.67E-08	1.39E-13	6.96E-14	0.00E+00	0.00E+00	0.00E+00
Mo-91	1.50E-06	7.48E-07	2.56E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00
Mo-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-93m	2.83E-08	1.42E-08	5.35E-15	2.67E-15	0.00E+00	0.00E+00	0.00E+00
Mo-99	1.24E-10	6.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
N-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-16	5.68E-05	2.84E-05	1.21E-08	6.03E-09	2.83E-12	3.07E-15	0.00E+00
Na-22	1.26E-08	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Na-24	1.64E-06	8.20E-07	2.20E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00
Nb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-88m	6.59E-08	3.30E-08	6.41E-13	3.20E-13	0.00E+00	0.00E+00	0.00E+00
Nb-88	7.79E-09	3.90E-09	4.52E-14	2.26E-14	0.00E+00	0.00E+00	0.00E+00
Nb-89	1.62E-06	8.11E-07	2.63E-11	1.31E-11	0.00E+00	0.00E+00	0.00E+00
Nb-89m	5.30E-10	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-90	5.59E-07	2.79E-07	6.32E-12	3.16E-12	0.00E+00	0.00E+00	0.00E+00
Nb-91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-91m	7.46E-09	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92	7.24E-10	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92m	4.64E-09	2.32E-09	2.41E-15	1.20E-15	0.00E+00	0.00E+00	0.00E+00
Nb-93m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94m	5.13E-10	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94	4.58E-10	2.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95	1.45E-10	7.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95m	3.52E-13	1.76E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-96	3.05E-09	1.52E-09	2.65E-17	1.33E-17	0.00E+00	0.00E+00	0.00E+00
Nb-97	3.13E-10	1.57E-10	1.67E-17	8.35E-18	0.00E+00	0.00E+00	0.00E+00
Nb-98m	5.31E-08	2.65E-08	2.88E-13	1.44E-13	0.00E+00	0.00E+00	0.00E+00
Nb-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-99m	1.06E-06	5.31E-07	1.36E-11	6.82E-12	0.00E+00	0.00E+00	0.00E+00
Nd-134	3.10E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-135	1.31E-08	6.57E-09	6.31E-15	3.15E-15	0.00E+00	0.00E+00	0.00E+00
Nd-136	1.22E-09	6.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-137	7.06E-08	3.53E-08	3.93E-13	1.97E-13	0.00E+00	0.00E+00	0.00E+00
Nd-138	6.04E-14	3.02E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139	7.43E-09	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139m	3.09E-08	1.55E-08	1.75E-13	8.73E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-141	7.70E-09	3.85E-09	1.72E-16	8.59E-17	0.00E+00	0.00E+00	0.00E+00
Nd-141m	1.90E-10	9.48E-11	3.47E-17	1.73E-17	0.00E+00	0.00E+00	0.00E+00
Nd-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-147	6.83E-12	3.41E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-149	1.14E-10	5.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-151	1.40E-08	6.98E-09	1.43E-14	7.14E-15	0.00E+00	0.00E+00	0.00E+00
Nd-152	1.47E-12	7.36E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-19	1.94E-08	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-24	1.00E-10	5.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-56	7.04E-09	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-57	8.17E-08	4.09E-08	1.28E-13	6.38E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ni-59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-65	3.27E-08	1.63E-08	1.42E-15	7.09E-16	0.00E+00	0.00E+00	0.00E+00
Ni-66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-232	2.53E-09	1.26E-09	1.31E-15	6.54E-16	0.00E+00	0.00E+00	0.00E+00
Np-233	3.90E-13	1.95E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-234	4.12E-08	2.06E-08	1.51E-15	7.54E-16	0.00E+00	0.00E+00	0.00E+00
Np-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236	5.20E-14	2.60E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236m	8.46E-12	4.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-238	1.96E-09	9.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-239	1.26E-15	6.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240	1.01E-09	5.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240m	9.07E-09	4.54E-09	2.61E-15	1.31E-15	0.00E+00	0.00E+00	0.00E+00
Np-241	4.52E-11	2.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-242	9.08E-08	4.54E-08	2.46E-13	1.23E-13	0.00E+00	0.00E+00	0.00E+00
Np-242m	5.85E-10	2.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-14	9.11E-07	4.56E-07	1.06E-11	5.31E-12	0.00E+00	0.00E+00	0.00E+00
O-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-19	7.50E-08	3.75E-08	2.94E-12	1.47E-12	0.00E+00	0.00E+00	0.00E+00
Os-180	3.49E-11	1.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-181	6.30E-08	3.15E-08	3.92E-13	1.96E-13	0.00E+00	0.00E+00	0.00E+00
Os-182	2.32E-12	1.16E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-183	2.11E-09	1.06E-09	1.52E-16	7.61E-17	0.00E+00	0.00E+00	0.00E+00
Os-183m	6.40E-09	3.20E-09	1.09E-15	5.44E-16	0.00E+00	0.00E+00	0.00E+00
Os-185	1.49E-10	7.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-189m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-190m	5.71E-12	2.85E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-193	5.07E-12	2.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-196	2.78E-12	1.39E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-30	8.70E-07	4.35E-07	1.19E-11	5.95E-12	0.00E+00	0.00E+00	0.00E+00
P-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-228	2.52E-08	1.26E-08	1.31E-14	6.53E-15	0.00E+00	0.00E+00	0.00E+00
Pa-229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-230	9.43E-10	4.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-231	3.07E-14	1.53E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-232	8.70E-10	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-233	1.46E-14	7.32E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-234	1.08E-08	5.42E-09	4.87E-15	2.44E-15	0.00E+00	0.00E+00	0.00E+00
Pa-234m	2.29E-08	1.15E-08	1.32E-14	6.59E-15	0.00E+00	0.00E+00	0.00E+00
Pa-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-236	9.75E-08	4.87E-08	2.18E-13	1.09E-13	0.00E+00	0.00E+00	0.00E+00
Pa-237	8.04E-10	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-194	3.73E-08	1.86E-08	1.56E-13	7.80E-14	0.00E+00	0.00E+00	0.00E+00
Pb-195m	5.67E-09	2.84E-09	3.08E-15	1.54E-15	0.00E+00	0.00E+00	0.00E+00
Pb-196	1.20E-10	6.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-197	1.30E-07	6.49E-08	1.06E-12	5.28E-13	0.00E+00	0.00E+00	0.00E+00
Pb-197m	1.21E-08	6.05E-09	6.86E-14	3.43E-14	0.00E+00	0.00E+00	0.00E+00
Pb-198	9.83E-11	4.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-199	7.66E-08	3.83E-08	4.62E-13	2.31E-13	0.00E+00	0.00E+00	0.00E+00
Pb-200	4.42E-13	2.21E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-201	2.15E-09	1.07E-09	9.69E-17	4.84E-17	0.00E+00	0.00E+00	0.00E+00
Pb-201m	1.35E-11	6.74E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202m	6.31E-10	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-203	1.29E-12	6.44E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-204m	8.18E-10	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-211	3.97E-10	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-212	1.80E-15	9.01E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-214	1.69E-11	8.43E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-101	3.77E-09	1.89E-09	3.11E-16	1.56E-16	0.00E+00	0.00E+00	0.00E+00
Pd-103	8.64E-15	4.32E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109	6.64E-12	3.32E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-111	1.48E-08	7.38E-09	4.20E-16	2.10E-16	0.00E+00	0.00E+00	0.00E+00
Pd-112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-114	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-96	6.83E-09	3.42E-09	1.46E-15	7.29E-16	0.00E+00	0.00E+00	0.00E+00
Pd-97	5.28E-07	2.64E-07	7.95E-12	3.98E-12	0.00E+00	0.00E+00	0.00E+00
Pd-98	8.04E-10	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-99	1.95E-07	9.75E-08	1.95E-12	9.75E-13	0.00E+00	0.00E+00	0.00E+00
Pm-136	5.58E-10	2.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-137m	3.75E-09	1.88E-09	6.80E-17	3.40E-17	0.00E+00	0.00E+00	0.00E+00
Pm-139	8.53E-08	4.26E-08	5.63E-13	2.82E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pm-140m	1.00E-08	5.02E-09	6.53E-14	3.27E-14	0.00E+00	0.00E+00	0.00E+00
Pm-140	4.88E-08	2.44E-08	4.08E-13	2.04E-13	0.00E+00	0.00E+00	0.00E+00
Pm-141	1.38E-07	6.90E-08	1.10E-12	5.49E-13	0.00E+00	0.00E+00	0.00E+00
Pm-142	2.89E-07	1.44E-07	3.49E-12	1.75E-12	0.00E+00	0.00E+00	0.00E+00
Pm-143	1.21E-10	6.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-144	4.71E-11	2.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-146	7.22E-11	3.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-148	2.57E-08	1.28E-08	1.66E-14	8.28E-15	0.00E+00	0.00E+00	0.00E+00
Pm-148m	3.24E-10	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-149	9.76E-11	4.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-150	9.36E-08	4.68E-08	7.96E-13	3.98E-13	0.00E+00	0.00E+00	0.00E+00
Pm-151	6.36E-11	3.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-152m	3.94E-08	1.97E-08	2.92E-13	1.46E-13	0.00E+00	0.00E+00	0.00E+00
Pm-152	1.12E-07	5.59E-08	1.06E-12	5.30E-13	0.00E+00	0.00E+00	0.00E+00
Pm-153	1.65E-11	8.25E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-154	3.21E-07	1.61E-07	3.00E-12	1.50E-12	0.00E+00	0.00E+00	0.00E+00
Pm-154m	6.12E-08	3.06E-08	1.95E-13	9.76E-14	0.00E+00	0.00E+00	0.00E+00
Po-203	7.13E-08	3.57E-08	6.26E-13	3.13E-13	0.00E+00	0.00E+00	0.00E+00
Po-204	1.10E-09	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-205	4.71E-08	2.35E-08	3.43E-13	1.72E-13	0.00E+00	0.00E+00	0.00E+00
Po-206	1.42E-09	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-207	1.32E-08	6.59E-09	5.48E-14	2.74E-14	0.00E+00	0.00E+00	0.00E+00
Po-208	2.25E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-209	6.59E-10	3.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-210	2.41E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-211	5.76E-10	2.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-212m	1.49E-06	7.43E-07	1.97E-11	9.86E-12	0.00E+00	0.00E+00	0.00E+00
Po-212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-213	1.55E-10	7.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-214	2.13E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-215	8.42E-13	4.21E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-216	2.56E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-134	7.26E-08	3.63E-08	8.13E-13	4.06E-13	0.00E+00	0.00E+00	0.00E+00
Pr-134m	1.93E-07	9.66E-08	1.50E-12	7.52E-13	0.00E+00	0.00E+00	0.00E+00
Pr-135	5.82E-08	2.91E-08	3.51E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Pr-136	3.38E-07	1.69E-07	5.40E-12	2.70E-12	0.00E+00	0.00E+00	0.00E+00
Pr-137	7.15E-08	3.57E-08	3.93E-13	1.97E-13	0.00E+00	0.00E+00	0.00E+00
Pr-138	1.25E-07	6.23E-08	1.32E-12	6.62E-13	0.00E+00	0.00E+00	0.00E+00
Pr-138m	5.62E-09	2.81E-09	1.50E-14	7.49E-15	0.00E+00	0.00E+00	0.00E+00
Pr-139	4.38E-08	2.19E-08	2.28E-14	1.14E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pr-140	8.76E-08	4.38E-08	6.53E-13	3.26E-13	0.00E+00	0.00E+00	0.00E+00
Pr-142	5.66E-08	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-142m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-143	1.25E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-144	3.57E-07	1.79E-07	3.46E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00
Pr-144m	1.80E-08	8.99E-09	9.41E-15	4.71E-15	0.00E+00	0.00E+00	0.00E+00
Pr-145	2.07E-09	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-146	2.59E-07	1.30E-07	3.65E-12	1.82E-12	0.00E+00	0.00E+00	0.00E+00
Pr-147	2.63E-08	1.32E-08	1.73E-13	8.64E-14	0.00E+00	0.00E+00	0.00E+00
Pr-148	2.36E-07	1.18E-07	2.72E-12	1.36E-12	0.00E+00	0.00E+00	0.00E+00
Pr-148m	4.63E-09	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-184	2.59E-11	1.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-186	6.00E-11	3.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-187	1.64E-09	8.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-188	1.46E-13	7.28E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-189	5.37E-09	2.69E-09	1.30E-15	6.51E-16	0.00E+00	0.00E+00	0.00E+00
Pt-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-191	3.40E-12	1.70E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-195m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197m	5.69E-17	2.84E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-199	1.17E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-200	4.04E-14	2.02E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-235	8.08E-11	4.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-236	4.54E-11	2.27E-11	4.71E-15	2.36E-15	1.01E-18	3.35E-21	0.00E+00
Pu-237	3.32E-17	1.66E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	7.68E-11	3.84E-11	7.55E-15	3.77E-15	1.54E-18	5.06E-21	0.00E+00
Pu-239	1.66E-13	8.30E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	2.83E-09	1.41E-09	2.63E-13	1.32E-13	5.05E-17	1.65E-19	0.00E+00
Pu-241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-242	3.08E-07	1.54E-07	2.72E-11	1.36E-11	4.92E-15	1.58E-17	0.00E+00
Pu-243	2.14E-15	1.07E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244	2.01E-06	1.00E-06	1.70E-10	8.49E-11	2.90E-14	9.19E-17	0.00E+00
Pu-245	4.48E-10	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-246	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-219	9.19E-12	4.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-220	1.30E-12	6.50E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221	5.47E-14	2.74E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ra-222	1.25E-12	6.23E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223	2.79E-13	1.39E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224	1.13E-13	5.63E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_226	8.46E-09	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-227	2.06E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_228	7.27E-12	3.64E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-230	7.62E-13	3.81E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-77	1.48E-07	7.42E-08	1.81E-12	9.04E-13	0.00E+00	0.00E+00	0.00E+00
Rb-78m	4.59E-07	2.30E-07	8.23E-12	4.12E-12	0.00E+00	0.00E+00	0.00E+00
Rb-78	5.27E-06	2.63E-06	2.83E-10	1.42E-10	1.87E-14	0.00E+00	0.00E+00
Rb-79	5.06E-08	2.53E-08	5.61E-13	2.81E-13	0.00E+00	0.00E+00	0.00E+00
Rb-80	3.93E-10	1.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-81	2.19E-09	1.09E-09	1.83E-16	9.16E-17	0.00E+00	0.00E+00	0.00E+00
Rb-81m	2.61E-08	1.30E-08	1.38E-14	6.90E-15	0.00E+00	0.00E+00	0.00E+00
Rb-82	3.47E-08	1.74E-08	4.52E-13	2.26E-13	0.00E+00	0.00E+00	0.00E+00
Rb-82m	1.20E-08	6.02E-09	4.11E-14	2.05E-14	0.00E+00	0.00E+00	0.00E+00
Rb-83	7.52E-12	3.76E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-84	6.15E-09	3.07E-09	3.81E-15	1.90E-15	0.00E+00	0.00E+00	0.00E+00
Rb-84m	5.84E-13	2.92E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86m	7.74E-12	3.87E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86	4.39E-09	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-88	7.31E-07	3.65E-07	2.67E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00
Rb-89	5.39E-07	2.70E-07	1.00E-11	5.01E-12	0.00E+00	0.00E+00	0.00E+00
Rb-90	1.05E-05	5.25E-06	7.32E-10	3.66E-10	2.31E-14	0.00E+00	0.00E+00
Rb-90m	3.09E-06	1.54E-06	1.23E-10	6.13E-11	0.00E+00	0.00E+00	0.00E+00
Re-178	2.06E-06	1.03E-06	4.42E-11	2.21E-11	0.00E+00	0.00E+00	0.00E+00
Re-179	4.02E-08	2.01E-08	1.92E-14	9.58E-15	0.00E+00	0.00E+00	0.00E+00
Re-180	1.80E-08	8.99E-09	1.56E-13	7.82E-14	0.00E+00	0.00E+00	0.00E+00
Re-181	3.01E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-182	8.48E-09	4.24E-09	3.61E-18	1.81E-18	0.00E+00	0.00E+00	0.00E+00
Re-182m	3.73E-08	1.86E-08	1.69E-13	8.47E-14	0.00E+00	0.00E+00	0.00E+00
Re-183	2.16E-16	1.08E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184	6.92E-10	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184m	8.52E-10	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186	2.76E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-188	9.99E-09	4.99E-09	5.44E-15	2.72E-15	0.00E+00	0.00E+00	0.00E+00
Re-188m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-189	1.08E-12	5.39E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-190	3.64E-09	1.82E-09	6.56E-15	3.28E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Re-190m	1.84E-09	9.20E-10	8.62E-16	4.31E-16	0.00E+00	0.00E+00	0.00E+00
Rh-100m	4.61E-08	2.31E-08	2.61E-14	1.31E-14	0.00E+00	0.00E+00	0.00E+00
Rh-100	3.65E-07	1.83E-07	4.12E-12	2.06E-12	0.00E+00	0.00E+00	0.00E+00
Rh-101	1.81E-15	9.05E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-101m	5.76E-13	2.88E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-102	3.33E-09	1.66E-09	1.42E-14	7.10E-15	0.00E+00	0.00E+00	0.00E+00
Rh-102m	1.30E-09	6.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-103m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-104	1.10E-09	5.52E-10	2.13E-16	1.07E-16	0.00E+00	0.00E+00	0.00E+00
Rh-104m	1.22E-10	6.11E-11	1.79E-17	8.93E-18	0.00E+00	0.00E+00	0.00E+00
Rh-105	2.27E-15	1.13E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-106	1.71E-08	8.53E-09	1.66E-13	8.31E-14	0.00E+00	0.00E+00	0.00E+00
Rh-106m	1.33E-08	6.65E-09	2.88E-15	1.44E-15	0.00E+00	0.00E+00	0.00E+00
Rh-107	2.17E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-108	4.61E-11	2.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-109	1.13E-10	5.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-94	3.30E-07	1.65E-07	5.11E-12	2.56E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95	8.01E-07	4.00E-07	2.07E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00
Rh-95m	3.69E-06	1.85E-06	1.75E-10	8.76E-11	0.00E+00	0.00E+00	0.00E+00
Rh-96	9.79E-08	4.89E-08	1.29E-12	6.47E-13	0.00E+00	0.00E+00	0.00E+00
Rh-96m	2.56E-07	1.28E-07	2.88E-12	1.44E-12	0.00E+00	0.00E+00	0.00E+00
Rh-97	2.28E-07	1.14E-07	3.68E-12	1.84E-12	0.00E+00	0.00E+00	0.00E+00
Rh-97m	7.84E-07	3.92E-07	1.27E-11	6.34E-12	0.00E+00	0.00E+00	0.00E+00
Rh-98	1.12E-07	5.60E-08	1.07E-12	5.33E-13	0.00E+00	0.00E+00	0.00E+00
Rh-99	5.31E-09	2.66E-09	4.00E-15	2.00E-15	0.00E+00	0.00E+00	0.00E+00
Rh-99m	2.92E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-207	1.57E-08	7.84E-09	1.81E-13	9.05E-14	0.00E+00	0.00E+00	0.00E+00
Rn-209	1.89E-07	9.47E-08	2.27E-12	1.14E-12	0.00E+00	0.00E+00	0.00E+00
Rn-210	8.04E-10	4.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-211	1.18E-08	5.90E-09	4.78E-15	2.39E-15	0.00E+00	0.00E+00	0.00E+00
Rn-212	7.40E-11	3.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-218	1.24E-11	6.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219	1.17E-12	5.87E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-223	3.22E-09	1.61E-09	1.48E-17	7.38E-18	0.00E+00	0.00E+00	0.00E+00
Ru-103	2.62E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-105	6.24E-10	3.12E-10	1.85E-16	9.27E-17	0.00E+00	0.00E+00	0.00E+00
Ru-106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-107	3.53E-08	1.77E-08	2.31E-13	1.16E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ru-108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-92	1.06E-07	5.28E-08	8.63E-13	4.31E-13	0.00E+00	0.00E+00	0.00E+00
Ru-94	3.86E-10	1.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-95	5.26E-08	2.63E-08	4.27E-13	2.13E-13	0.00E+00	0.00E+00	0.00E+00
Ru-97	2.24E-12	1.12E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-37	4.06E-06	2.03E-06	5.61E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00
S-38	3.19E-07	1.59E-07	9.09E-13	4.54E-13	0.00E+00	0.00E+00	0.00E+00
Sb-111	4.86E-09	2.43E-09	2.11E-15	1.06E-15	0.00E+00	0.00E+00	0.00E+00
Sb-113	2.89E-08	1.45E-08	4.42E-13	2.21E-13	0.00E+00	0.00E+00	0.00E+00
Sb-114	1.41E-07	7.06E-08	3.20E-12	1.60E-12	0.00E+00	0.00E+00	0.00E+00
Sb-115	8.10E-09	4.05E-09	5.06E-14	2.53E-14	0.00E+00	0.00E+00	0.00E+00
Sb-116	2.20E-07	1.10E-07	2.49E-12	1.24E-12	0.00E+00	0.00E+00	0.00E+00
Sb-116m	7.99E-09	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-117	5.75E-10	2.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-118	3.44E-08	1.72E-08	2.41E-13	1.21E-13	0.00E+00	0.00E+00	0.00E+00
Sb-118m	6.02E-09	3.01E-09	1.03E-15	5.15E-16	0.00E+00	0.00E+00	0.00E+00
Sb-119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120	6.00E-09	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120m	4.65E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122	4.12E-10	2.06E-10	3.53E-17	1.77E-17	0.00E+00	0.00E+00	0.00E+00
Sb-124	9.03E-08	4.51E-08	2.64E-13	1.32E-13	0.00E+00	0.00E+00	0.00E+00
Sb-124m	7.98E-11	3.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-124n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-125	9.23E-12	4.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126	3.17E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126m	2.45E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-127	2.61E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-128	1.94E-09	9.70E-10	5.71E-16	2.86E-16	0.00E+00	0.00E+00	0.00E+00
Sb-128m	7.92E-10	3.96E-10	6.17E-17	3.08E-17	0.00E+00	0.00E+00	0.00E+00
Sb-129	3.88E-08	1.94E-08	8.77E-14	4.38E-14	0.00E+00	0.00E+00	0.00E+00
Sb-130m	2.33E-08	1.16E-08	2.02E-13	1.01E-13	0.00E+00	0.00E+00	0.00E+00
Sb-130	1.39E-08	6.94E-09	1.08E-14	5.40E-15	0.00E+00	0.00E+00	0.00E+00
Sb-131	1.38E-07	6.92E-08	1.22E-12	6.08E-13	0.00E+00	0.00E+00	0.00E+00
Sb-133	4.20E-07	2.10E-07	5.08E-12	2.54E-12	0.00E+00	0.00E+00	0.00E+00
Sc-42m	2.95E-08	1.48E-08	2.94E-14	1.47E-14	0.00E+00	0.00E+00	0.00E+00
Sc-43	9.73E-10	4.86E-10	6.42E-16	3.21E-16	0.00E+00	0.00E+00	0.00E+00
Sc-44	1.24E-08	6.18E-09	6.78E-14	3.39E-14	0.00E+00	0.00E+00	0.00E+00
Sc-44m	7.35E-10	3.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-46	3.63E-09	1.81E-09	9.63E-20	4.81E-20	0.00E+00	0.00E+00	0.00E+00
Sc-47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-48	8.83E-09	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sc-49	1.61E-07	8.05E-08	9.55E-14	4.78E-14	0.00E+00	0.00E+00	0.00E+00
Sc-50	5.75E-08	2.87E-08	4.80E-13	2.40E-13	0.00E+00	0.00E+00	0.00E+00
Se-70	2.20E-09	1.10E-09	2.36E-16	1.18E-16	0.00E+00	0.00E+00	0.00E+00
Se-71	1.16E-07	5.80E-08	1.66E-12	8.31E-13	0.00E+00	0.00E+00	0.00E+00
Se-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-73	1.88E-09	9.41E-10	7.82E-15	3.91E-15	0.00E+00	0.00E+00	0.00E+00
Se-73m	5.62E-09	2.81E-09	2.82E-14	1.41E-14	0.00E+00	0.00E+00	0.00E+00
Se-75	1.56E-14	7.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81	1.92E-10	9.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81m	6.73E-14	3.37E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-83m	1.18E-07	5.89E-08	6.97E-13	3.48E-13	0.00E+00	0.00E+00	0.00E+00
Se-83	1.40E-07	7.01E-08	1.22E-12	6.10E-13	0.00E+00	0.00E+00	0.00E+00
Se-84	2.74E-13	1.37E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-31	1.11E-08	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-139	1.42E-07	7.10E-08	1.63E-12	8.13E-13	0.00E+00	0.00E+00	0.00E+00
Sm-140	2.41E-08	1.21E-08	1.41E-14	7.05E-15	0.00E+00	0.00E+00	0.00E+00
Sm-141	5.85E-08	2.93E-08	1.37E-13	6.85E-14	0.00E+00	0.00E+00	0.00E+00
Sm-141m	3.90E-08	1.95E-08	7.02E-14	3.51E-14	0.00E+00	0.00E+00	0.00E+00
Sm-142	4.59E-09	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-143	7.13E-08	3.57E-08	6.44E-13	3.22E-13	0.00E+00	0.00E+00	0.00E+00
Sm-143m	1.36E-10	6.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-145	1.29E-15	6.46E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-153	2.82E-13	1.41E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-155	3.16E-10	1.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-157	7.77E-09	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-106	3.05E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-108	1.97E-09	9.84E-10	1.11E-15	5.54E-16	0.00E+00	0.00E+00	0.00E+00
Sn-109	3.26E-07	1.63E-07	3.90E-12	1.95E-12	0.00E+00	0.00E+00	0.00E+00
Sn-110	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-111	1.83E-07	9.13E-08	1.19E-12	5.97E-13	0.00E+00	0.00E+00	0.00E+00
Sn-113	1.39E-14	6.97E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-117m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-119m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sn-121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123	4.71E-09	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123m	9.39E-15	4.69E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-125m	2.67E-09	1.34E-09	1.07E-15	5.33E-16	0.00E+00	0.00E+00	0.00E+00
Sn-125	5.26E-08	2.63E-08	1.86E-13	9.29E-14	0.00E+00	0.00E+00	0.00E+00
Sn-126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127m	8.55E-09	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127	2.00E-07	1.00E-07	2.32E-12	1.16E-12	0.00E+00	0.00E+00	0.00E+00
Sn-128	1.53E-11	7.63E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-129	3.33E-08	1.67E-08	2.60E-13	1.30E-13	0.00E+00	0.00E+00	0.00E+00
Sn-130	1.72E-10	8.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-130m	3.51E-08	1.75E-08	1.33E-13	6.64E-14	0.00E+00	0.00E+00	0.00E+00
Sr-79	2.44E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-80	8.45E-12	4.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-81	4.33E-09	2.17E-09	8.33E-16	4.16E-16	0.00E+00	0.00E+00	0.00E+00
Sr-82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-83	2.45E-08	1.23E-08	7.95E-14	3.97E-14	0.00E+00	0.00E+00	0.00E+00
Sr-85	3.49E-12	1.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-85m	6.94E-14	3.47E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-87m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-89	1.00E-09	5.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-91	3.99E-09	1.99E-09	2.57E-15	1.28E-15	0.00E+00	0.00E+00	0.00E+00
Sr-92	2.87E-08	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-93	1.97E-07	9.83E-08	2.21E-12	1.10E-12	0.00E+00	0.00E+00	0.00E+00
Sr-94	4.17E-08	2.09E-08	6.34E-14	3.17E-14	0.00E+00	0.00E+00	0.00E+00
Ta-170	2.72E-09	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-172	9.75E-08	4.87E-08	1.71E-12	8.56E-13	0.00E+00	0.00E+00	0.00E+00
Ta-173	1.33E-07	6.63E-08	1.43E-12	7.14E-13	0.00E+00	0.00E+00	0.00E+00
Ta-174	2.99E-07	1.49E-07	3.74E-12	1.87E-12	0.00E+00	0.00E+00	0.00E+00
Ta-175	5.56E-08	2.78E-08	2.80E-14	1.40E-14	0.00E+00	0.00E+00	0.00E+00
Ta-176	3.86E-07	1.93E-07	4.38E-12	2.19E-12	0.00E+00	0.00E+00	0.00E+00
Ta-177	3.38E-10	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-178	1.60E-08	7.99E-09	4.67E-17	2.33E-17	0.00E+00	0.00E+00	0.00E+00
Ta-178m	2.37E-13	1.18E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182	7.17E-09	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-183	1.66E-15	8.31E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-184	9.17E-10	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-185	1.31E-10	6.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ta-186	1.12E-09	5.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-146	5.29E-07	2.65E-07	6.72E-12	3.36E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147m	3.51E-07	1.75E-07	5.17E-12	2.59E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147	1.61E-07	8.05E-08	1.95E-12	9.74E-13	0.00E+00	0.00E+00	0.00E+00
Tb-148m	6.20E-09	3.10E-09	2.36E-14	1.18E-14	0.00E+00	0.00E+00	0.00E+00
Tb-148	7.00E-07	3.50E-07	1.66E-11	8.28E-12	0.00E+00	0.00E+00	0.00E+00
Tb-149m	4.51E-09	2.25E-09	2.15E-15	1.08E-15	0.00E+00	0.00E+00	0.00E+00
Tb-149	2.90E-07	1.45E-07	3.76E-12	1.88E-12	0.00E+00	0.00E+00	0.00E+00
Tb-150m	7.90E-11	3.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-150	1.59E-06	7.96E-07	4.96E-11	2.48E-11	0.00E+00	0.00E+00	0.00E+00
Tb-151	8.61E-09	4.30E-09	1.01E-14	5.05E-15	0.00E+00	0.00E+00	0.00E+00
Tb-151m	1.85E-10	9.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152m	8.24E-10	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152	4.24E-07	2.12E-07	5.41E-12	2.70E-12	0.00E+00	0.00E+00	0.00E+00
Tb-153	6.67E-10	3.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-154	6.52E-07	3.26E-07	8.02E-12	4.01E-12	0.00E+00	0.00E+00	0.00E+00
Tb-155	1.50E-13	7.50E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156	2.45E-08	1.22E-08	2.20E-14	1.10E-14	0.00E+00	0.00E+00	0.00E+00
Tb-156m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-158	1.38E-09	6.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-160	3.81E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-161	1.10E-13	5.49E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-162	1.80E-09	9.01E-10	4.94E-15	2.47E-15	0.00E+00	0.00E+00	0.00E+00
Tb-163	1.16E-11	5.81E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-164	1.09E-07	5.46E-08	1.14E-12	5.70E-13	0.00E+00	0.00E+00	0.00E+00
Tb-165	3.45E-08	1.72E-08	1.00E-14	5.02E-15	0.00E+00	0.00E+00	0.00E+00
Tc-101	1.44E-11	7.20E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-102m	2.19E-07	1.09E-07	2.12E-12	1.06E-12	0.00E+00	0.00E+00	0.00E+00
Tc-102	1.17E-07	5.84E-08	1.33E-12	6.63E-13	0.00E+00	0.00E+00	0.00E+00
Tc-104	8.05E-07	4.03E-07	1.49E-11	7.43E-12	0.00E+00	0.00E+00	0.00E+00
Tc-105	9.28E-08	4.64E-08	6.81E-13	3.41E-13	0.00E+00	0.00E+00	0.00E+00
Tc-91	1.21E-06	6.07E-07	2.87E-11	1.43E-11	0.00E+00	0.00E+00	0.00E+00
Tc-91m	1.92E-08	9.58E-09	4.02E-14	2.01E-14	0.00E+00	0.00E+00	0.00E+00
Tc-92	1.62E-07	8.09E-08	3.62E-12	1.81E-12	0.00E+00	0.00E+00	0.00E+00
Tc-93	6.31E-08	3.16E-08	3.81E-13	1.90E-13	0.00E+00	0.00E+00	0.00E+00
Tc-93m	1.49E-06	7.44E-07	2.13E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00
Tc-94	1.88E-09	9.42E-10	2.77E-16	1.38E-16	0.00E+00	0.00E+00	0.00E+00
Tc-94m	4.05E-07	2.02E-07	5.85E-12	2.93E-12	0.00E+00	0.00E+00	0.00E+00
Tc-95	4.03E-10	2.02E-10	4.53E-19	2.27E-19	0.00E+00	0.00E+00	0.00E+00
Tc-95m	4.14E-10	2.07E-10	2.08E-17	1.04E-17	0.00E+00	0.00E+00	0.00E+00
Tc-96	8.17E-10	4.08E-10	1.68E-19	8.39E-20	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Tc-96m	1.00E-08	5.01E-09	3.48E-15	1.74E-15	0.00E+00	0.00E+00	0.00E+00
Tc-97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-97m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-98	8.65E-11	4.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-113	2.64E-07	1.32E-07	2.79E-12	1.40E-12	0.00E+00	0.00E+00	0.00E+00
Te-114	9.68E-08	4.84E-08	2.68E-13	1.34E-13	0.00E+00	0.00E+00	0.00E+00
Te-115	1.12E-07	5.60E-08	1.71E-12	8.56E-13	0.00E+00	0.00E+00	0.00E+00
Te-115m	1.30E-07	6.52E-08	1.00E-12	5.00E-13	0.00E+00	0.00E+00	0.00E+00
Te-116	4.17E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-117	2.22E-07	1.11E-07	2.20E-12	1.10E-12	0.00E+00	0.00E+00	0.00E+00
Te-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-119	1.66E-08	8.30E-09	9.48E-15	4.74E-15	0.00E+00	0.00E+00	0.00E+00
Te-119m	4.11E-08	2.06E-08	2.51E-13	1.26E-13	0.00E+00	0.00E+00	0.00E+00
Te-121	8.07E-12	4.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-121m	7.63E-10	3.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-125m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127	3.74E-13	1.87E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127m	1.22E-12	6.08E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129	6.86E-10	3.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129m	1.83E-10	9.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-131	2.59E-09	1.29E-09	1.68E-15	8.42E-16	0.00E+00	0.00E+00	0.00E+00
Te-131m	2.50E-08	1.25E-08	1.02E-13	5.10E-14	0.00E+00	0.00E+00	0.00E+00
Te-132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-133	1.49E-07	7.45E-08	1.47E-12	7.33E-13	0.00E+00	0.00E+00	0.00E+00
Te-133m	6.40E-08	3.20E-08	4.74E-13	2.37E-13	0.00E+00	0.00E+00	0.00E+00
Te-134	1.04E-10	5.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-223	1.72E-15	8.61E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-224	4.35E-14	2.18E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-226	9.15E-14	4.57E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-227	6.58E-13	3.29E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-228	5.26E-14	2.63E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-230	6.73E-07	3.36E-07	4.24E-12	2.12E-12	0.00E+00	0.00E+00	0.00E+00
Th-231	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-233	1.57E-10	7.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-235	1.61E-10	8.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-236	1.85E-11	9.23E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ti-44	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-45	3.43E-08	1.71E-08	9.66E-15	4.83E-15	0.00E+00	0.00E+00	0.00E+00
Ti-51	1.98E-10	9.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190	3.53E-09	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190m	2.09E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194	4.67E-10	2.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194m	6.15E-09	3.08E-09	2.96E-15	1.48E-15	0.00E+00	0.00E+00	0.00E+00
Tl-195	2.01E-07	1.01E-07	1.85E-12	9.24E-13	0.00E+00	0.00E+00	0.00E+00
Tl-196	1.62E-07	8.08E-08	1.15E-12	5.76E-13	0.00E+00	0.00E+00	0.00E+00
Tl-197	1.36E-08	6.79E-09	1.90E-15	9.52E-16	0.00E+00	0.00E+00	0.00E+00
Tl-198	2.17E-07	1.08E-07	1.95E-12	9.75E-13	0.00E+00	0.00E+00	0.00E+00
Tl-198m	2.23E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-199	2.47E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-200	1.25E-08	6.27E-09	1.20E-14	5.98E-15	0.00E+00	0.00E+00	0.00E+00
Tl-201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-202	2.78E-12	1.39E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206m	8.97E-10	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206	1.30E-10	6.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-207	9.25E-10	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-208	1.35E-06	6.74E-07	1.79E-11	8.95E-12	0.00E+00	0.00E+00	0.00E+00
Tl-209	4.09E-08	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-210	2.07E-07	1.03E-07	2.19E-12	1.09E-12	0.00E+00	0.00E+00	0.00E+00
Tm-161	1.06E-07	5.28E-08	1.80E-13	9.01E-14	0.00E+00	0.00E+00	0.00E+00
Tm-162	1.01E-06	5.05E-07	2.19E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00
Tm-163	3.62E-08	1.81E-08	1.73E-14	8.66E-15	0.00E+00	0.00E+00	0.00E+00
Tm-164	2.68E-07	1.34E-07	2.78E-12	1.39E-12	0.00E+00	0.00E+00	0.00E+00
Tm-165	2.12E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-166	1.52E-07	7.61E-08	8.56E-13	4.28E-13	0.00E+00	0.00E+00	0.00E+00
Tm-167	4.20E-13	2.10E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-168	6.18E-10	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-172	3.65E-08	1.83E-08	2.25E-15	1.13E-15	0.00E+00	0.00E+00	0.00E+00
Tm-173	1.22E-13	6.09E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-174	1.47E-09	7.37E-10	5.06E-17	2.53E-17	0.00E+00	0.00E+00	0.00E+00
Tm-175	3.98E-09	1.99E-09	4.59E-17	2.30E-17	0.00E+00	0.00E+00	0.00E+00
Tm-176	5.43E-07	2.71E-07	7.03E-12	3.52E-12	0.00E+00	0.00E+00	0.00E+00
U-227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-228	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230	1.56E-14	7.81E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-231	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
U-232	1.19E-14	5.93E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-233	1.49E-12	7.44E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235	1.01E-09	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-237	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-239	1.62E-10	8.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-240	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-242	6.27E-12	3.14E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-47	3.03E-07	1.51E-07	2.28E-12	1.14E-12	0.00E+00	0.00E+00	0.00E+00
V-48	2.77E-08	1.38E-08	1.83E-13	9.13E-14	0.00E+00	0.00E+00	0.00E+00
V-49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-50	4.88E-08	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-52	3.84E-08	1.92E-08	9.94E-15	4.97E-15	0.00E+00	0.00E+00	0.00E+00
V-53	3.40E-09	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-177	2.15E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-187	5.52E-11	2.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-188	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-120	3.47E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-121	8.44E-07	4.22E-07	1.08E-11	5.38E-12	0.00E+00	0.00E+00	0.00E+00
Xe-122	6.40E-14	3.20E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-123	8.46E-08	4.23E-08	3.63E-13	1.82E-13	0.00E+00	0.00E+00	0.00E+00
Xe-125	5.30E-10	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127	4.82E-15	2.41E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-129m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135	2.65E-12	1.32E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135m	4.90E-12	2.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-137	1.51E-07	7.56E-08	2.27E-12	1.13E-12	0.00E+00	0.00E+00	0.00E+00
Xe-138	2.38E-07	1.19E-07	1.12E-12	5.60E-13	0.00E+00	0.00E+00	0.00E+00
Y-81	1.02E-13	5.10E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Y-83	2.30E-07	1.15E-07	3.06E-12	1.53E-12	0.00E+00	0.00E+00	0.00E+00
Y-83m	4.48E-13	2.24E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-84m	2.63E-08	1.31E-08	1.79E-13	8.96E-14	0.00E+00	0.00E+00	0.00E+00
Y-85	5.53E-10	2.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-85m	3.18E-07	1.59E-07	3.13E-12	1.57E-12	0.00E+00	0.00E+00	0.00E+00
Y-86	1.44E-07	7.19E-08	1.42E-12	7.11E-13	0.00E+00	0.00E+00	0.00E+00
Y-86m	4.33E-10	2.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87	1.61E-12	8.04E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-88	1.63E-07	8.14E-08	3.26E-13	1.63E-13	0.00E+00	0.00E+00	0.00E+00
Y-89m	1.00E-09	5.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-90	5.56E-08	2.78E-08	5.50E-13	2.75E-13	0.00E+00	0.00E+00	0.00E+00
Y-90m	5.87E-11	2.94E-11	6.72E-16	3.36E-16	0.00E+00	0.00E+00	0.00E+00
Y-91	8.36E-09	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-91m	7.69E-12	3.84E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-92	2.31E-08	1.16E-08	1.28E-13	6.40E-14	0.00E+00	0.00E+00	0.00E+00
Y-93	1.45E-07	7.26E-08	6.81E-13	3.40E-13	0.00E+00	0.00E+00	0.00E+00
Y-94	2.03E-07	1.01E-07	4.16E-12	2.08E-12	0.00E+00	0.00E+00	0.00E+00
Y-95	2.48E-06	1.24E-06	6.56E-11	3.28E-11	0.00E+00	0.00E+00	0.00E+00
Yb-162	2.03E-11	1.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-163	5.38E-08	2.69E-08	3.69E-14	1.84E-14	0.00E+00	0.00E+00	0.00E+00
Yb-164	6.51E-11	3.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-165	1.41E-08	7.04E-09	1.73E-14	8.63E-15	0.00E+00	0.00E+00	0.00E+00
Yb-166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-167	1.54E-09	7.68E-10	1.25E-16	6.25E-17	0.00E+00	0.00E+00	0.00E+00
Yb-169	4.82E-15	2.41E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-177	4.66E-09	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-179	6.39E-11	3.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-60	6.92E-11	3.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-61	5.83E-07	2.92E-07	8.04E-12	4.02E-12	0.00E+00	0.00E+00	0.00E+00
Zn-62	8.63E-11	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-63	7.98E-08	3.99E-08	9.12E-13	4.56E-13	0.00E+00	0.00E+00	0.00E+00
Zn-65	5.67E-09	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69	2.77E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69m	8.45E-13	4.22E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-71	7.86E-09	3.93E-09	2.74E-14	1.37E-14	0.00E+00	0.00E+00	0.00E+00
Zn-71m	3.75E-09	1.87E-09	1.20E-14	5.98E-15	0.00E+00	0.00E+00	0.00E+00
Zn-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-85	3.43E-08	1.71E-08	2.10E-14	1.05E-14	0.00E+00	0.00E+00	0.00E+00
Zr-86	1.78E-12	8.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-87	1.78E-07	8.92E-08	1.93E-12	9.66E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Zr-88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-89	3.58E-09	1.79E-09	1.41E-15	7.03E-16	0.00E+00	0.00E+00	0.00E+00
Zr-89m	6.86E-09	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-95	1.25E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-97	6.12E-09	3.06E-09	3.07E-15	1.54E-15	0.00E+00	0.00E+00	0.00E+00

Table 5: Infinite Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223	6.27E-13	3.13E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-224	3.48E-16	1.74E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225	1.13E-12	5.64E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-226	1.21E-13	6.04E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227	2.72E-14	1.36E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-228	1.73E-08	8.66E-09	5.49E-15	2.75E-15	0.00E+00	0.00E+00	0.00E+00
Ac-230	1.60E-07	7.98E-08	1.32E-12	6.60E-13	0.00E+00	0.00E+00	0.00E+00
Ac-231	1.02E-14	5.08E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-232	1.80E-07	8.98E-08	2.33E-13	1.17E-13	0.00E+00	0.00E+00	0.00E+00
Ac-233	7.26E-12	3.63E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-100m	1.34E-07	6.69E-08	1.42E-12	7.12E-13	0.00E+00	0.00E+00	0.00E+00
Ag-101	2.36E-07	1.18E-07	4.61E-12	2.31E-12	0.00E+00	0.00E+00	0.00E+00
Ag-102m	1.90E-06	9.51E-07	5.33E-11	2.66E-11	0.00E+00	0.00E+00	0.00E+00
Ag-102	6.47E-07	3.23E-07	1.94E-11	9.69E-12	0.00E+00	0.00E+00	0.00E+00
Ag-103	4.30E-08	2.15E-08	6.28E-13	3.14E-13	0.00E+00	0.00E+00	0.00E+00
Ag-104	3.57E-08	1.79E-08	2.63E-13	1.32E-13	0.00E+00	0.00E+00	0.00E+00
Ag-104m	1.18E-06	5.91E-07	3.38E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00
Ag-105	5.17E-10	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-105m	6.04E-10	3.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-106	3.20E-09	1.60E-09	4.45E-14	2.23E-14	0.00E+00	0.00E+00	0.00E+00
Ag-106m	1.52E-08	7.62E-09	5.68E-15	2.84E-15	0.00E+00	0.00E+00	0.00E+00
Ag-108	2.55E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m	4.09E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110	2.33E-09	1.16E-09	3.69E-15	1.84E-15	0.00E+00	0.00E+00	0.00E+00
Ag-110m	1.10E-08	5.52E-09	6.53E-17	3.27E-17	0.00E+00	0.00E+00	0.00E+00
Ag-111	1.91E-12	9.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-111m	1.06E-11	5.32E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-112	2.96E-07	1.48E-07	5.57E-12	2.78E-12	0.00E+00	0.00E+00	0.00E+00
Ag-113m	2.72E-11	1.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-113	1.73E-09	8.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-114	4.06E-07	2.03E-07	7.98E-12	3.99E-12	0.00E+00	0.00E+00	0.00E+00
Ag-115	3.14E-07	1.57E-07	4.94E-12	2.47E-12	0.00E+00	0.00E+00	0.00E+00
Ag-116	1.24E-06	6.20E-07	2.91E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00
Ag-117	9.77E-07	4.88E-07	2.14E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00
Ag-99	6.46E-07	3.23E-07	1.74E-11	8.68E-12	0.00E+00	0.00E+00	0.00E+00
Al-26	2.33E-07	1.16E-07	5.26E-13	2.63E-13	0.00E+00	0.00E+00	0.00E+00
Al-28	2.02E-07	1.01E-07	1.65E-13	8.27E-14	0.00E+00	0.00E+00	0.00E+00
Al-29	1.74E-07	8.72E-08	3.41E-12	1.70E-12	0.00E+00	0.00E+00	0.00E+00
Am-237	1.33E-10	6.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-238	1.32E-08	6.61E-09	3.64E-15	1.82E-15	0.00E+00	0.00E+00	0.00E+00
Am-239	2.07E-15	1.04E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Am-240	1.78E-09	8.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-241	2.42E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-242m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243	1.43E-14	7.16E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244	4.77E-10	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-244m	3.54E-09	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-245	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246	1.05E-10	5.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-246m	7.69E-09	3.85E-09	5.33E-15	2.66E-15	0.00E+00	0.00E+00	0.00E+00
Am-247	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-41	1.79E-08	8.97E-09	5.63E-17	2.82E-17	0.00E+00	0.00E+00	0.00E+00
Ar-42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-43	7.29E-07	3.64E-07	2.08E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00
Ar-44	1.83E-07	9.15E-08	5.44E-13	2.72E-13	0.00E+00	0.00E+00	0.00E+00
As-68	4.53E-07	2.26E-07	1.08E-11	5.42E-12	0.00E+00	0.00E+00	0.00E+00
As-69	3.18E-07	1.59E-07	5.57E-12	2.79E-12	0.00E+00	0.00E+00	0.00E+00
As-70	1.87E-07	9.34E-08	4.75E-12	2.37E-12	0.00E+00	0.00E+00	0.00E+00
As-71	3.56E-09	1.78E-09	8.40E-16	4.20E-16	0.00E+00	0.00E+00	0.00E+00
As-72	3.49E-07	1.74E-07	1.06E-11	5.28E-12	0.00E+00	0.00E+00	0.00E+00
As-73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-74	7.72E-10	3.86E-10	1.26E-14	6.32E-15	0.00E+00	0.00E+00	0.00E+00
As-76	4.57E-08	2.28E-08	6.70E-13	3.35E-13	0.00E+00	0.00E+00	0.00E+00
As-77	2.20E-12	1.10E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
As-78	2.52E-07	1.26E-07	4.60E-12	2.30E-12	0.00E+00	0.00E+00	0.00E+00
As-79	5.04E-10	2.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-204	1.72E-10	8.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-205	1.08E-07	5.39E-08	1.68E-12	8.41E-13	0.00E+00	0.00E+00	0.00E+00
At-206	4.73E-08	2.36E-08	7.64E-13	3.82E-13	0.00E+00	0.00E+00	0.00E+00
At-207	2.14E-07	1.07E-07	3.93E-12	1.97E-12	0.00E+00	0.00E+00	0.00E+00
At-208	1.46E-07	7.31E-08	2.82E-12	1.41E-12	0.00E+00	0.00E+00	0.00E+00
At-209	8.42E-09	4.21E-09	7.42E-14	3.71E-14	0.00E+00	0.00E+00	0.00E+00
At-210	4.80E-08	2.40E-08	3.81E-13	1.91E-13	0.00E+00	0.00E+00	0.00E+00
At-211	5.95E-12	2.98E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-215	1.85E-13	9.23E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-216	1.02E-14	5.11E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-217	5.21E-12	2.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
At-220	9.56E-12	4.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-186	6.20E-08	3.10E-08	3.93E-13	1.97E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Au-187	1.34E-07	6.71E-08	1.00E-12	5.02E-13	0.00E+00	0.00E+00	0.00E+00
Au-190	1.47E-06	7.35E-07	3.32E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00
Au-191	4.54E-10	2.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-192	5.59E-07	2.80E-07	1.04E-11	5.18E-12	0.00E+00	0.00E+00	0.00E+00
Au-193	3.46E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-194	1.15E-07	5.74E-08	7.36E-13	3.68E-13	0.00E+00	0.00E+00	0.00E+00
Au-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-195m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196	2.46E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-196m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198	2.73E-11	1.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-198m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-200	1.34E-08	6.70E-09	2.05E-15	1.03E-15	0.00E+00	0.00E+00	0.00E+00
Au-200m	8.13E-11	4.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-201	1.50E-11	7.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Au-202	1.40E-08	7.00E-09	6.97E-15	3.48E-15	0.00E+00	0.00E+00	0.00E+00
Ba-124	6.84E-09	3.42E-09	1.01E-15	5.03E-16	0.00E+00	0.00E+00	0.00E+00
Ba-126	3.48E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-127	2.25E-07	1.13E-07	3.32E-12	1.66E-12	0.00E+00	0.00E+00	0.00E+00
Ba-128	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-129	9.02E-08	4.51E-08	7.60E-14	3.80E-14	0.00E+00	0.00E+00	0.00E+00
Ba-129m	1.77E-08	8.86E-09	3.24E-15	1.62E-15	0.00E+00	0.00E+00	0.00E+00
Ba-131	1.84E-10	9.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-133m	2.52E-14	1.26E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-135m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-137m	4.27E-11	2.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-139	5.43E-09	2.71E-09	3.66E-16	1.83E-16	0.00E+00	0.00E+00	0.00E+00
Ba-140	6.45E-12	3.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-141	5.56E-08	2.78E-08	6.34E-13	3.17E-13	0.00E+00	0.00E+00	0.00E+00
Ba-142	5.34E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Be-7	2.06E-12	1.03E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-197	2.68E-08	1.34E-08	1.26E-14	6.31E-15	0.00E+00	0.00E+00	0.00E+00
Bi-200	1.64E-09	8.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-201	9.87E-08	4.94E-08	1.16E-12	5.81E-13	0.00E+00	0.00E+00	0.00E+00
Bi-202	1.31E-07	6.57E-08	3.47E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00
Bi-203	1.19E-07	5.97E-08	6.31E-13	3.15E-13	0.00E+00	0.00E+00	0.00E+00
Bi-204	7.46E-08	3.73E-08	1.10E-12	5.50E-13	0.00E+00	0.00E+00	0.00E+00
Bi-205	1.10E-07	5.49E-08	1.31E-13	6.54E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Bi-206	3.98E-08	1.99E-08	9.31E-14	4.66E-14	0.00E+00	0.00E+00	0.00E+00
Bi-207	1.90E-08	9.48E-09	1.33E-14	6.63E-15	0.00E+00	0.00E+00	0.00E+00
Bi-208	2.27E-06	1.13E-06	5.04E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00
Bi-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m	4.29E-12	2.14E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-211	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212	3.08E-08	1.54E-08	1.20E-14	5.98E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213	2.22E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214	2.01E-07	1.01E-07	2.89E-12	1.44E-12	0.00E+00	0.00E+00	0.00E+00
Bi-215	4.72E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216	7.92E-12	3.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-245	3.85E-15	1.92E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-246	1.56E-09	7.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-247	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-248m	6.48E-12	3.24E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-249	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bk-250	2.81E-09	1.41E-09	6.01E-17	3.01E-17	0.00E+00	0.00E+00	0.00E+00
Bk-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-72	1.93E-07	9.63E-08	3.82E-12	1.91E-12	0.00E+00	0.00E+00	0.00E+00
Br-73	3.83E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-74	7.32E-06	3.66E-06	3.45E-10	1.72E-10	0.00E+00	0.00E+00	0.00E+00
Br-74m	3.29E-06	1.65E-06	1.39E-10	6.93E-11	0.00E+00	0.00E+00	0.00E+00
Br-75	1.58E-09	7.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-76	1.67E-06	8.36E-07	4.94E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00
Br-76m	1.78E-11	8.89E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77	1.14E-10	5.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-78	2.10E-08	1.05E-08	3.56E-13	1.78E-13	0.00E+00	0.00E+00	0.00E+00
Br-80	2.15E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-80m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-82m	1.09E-08	5.45E-09	8.47E-14	4.23E-14	0.00E+00	0.00E+00	0.00E+00
Br-82	9.31E-09	4.66E-09	5.52E-16	2.76E-16	0.00E+00	0.00E+00	0.00E+00
Br-83	7.79E-12	3.89E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Br-84m	3.00E-08	1.50E-08	3.54E-15	1.77E-15	0.00E+00	0.00E+00	0.00E+00
Br-84	3.82E-06	1.91E-06	1.60E-10	8.00E-11	0.00E+00	0.00E+00	0.00E+00
Br-85	4.94E-08	2.47E-08	4.70E-13	2.35E-13	0.00E+00	0.00E+00	0.00E+00
C-10	1.43E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ca-47	1.73E-08	8.65E-09	1.15E-16	5.75E-17	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ca-49	6.35E-06	3.18E-06	1.90E-10	9.50E-11	0.00E+00	0.00E+00	0.00E+00
Cd-101	3.26E-07	1.63E-07	4.91E-12	2.46E-12	0.00E+00	0.00E+00	0.00E+00
Cd-102	9.01E-09	4.51E-09	3.58E-15	1.79E-15	0.00E+00	0.00E+00	0.00E+00
Cd-103	6.67E-07	3.34E-07	1.30E-11	6.52E-12	0.00E+00	0.00E+00	0.00E+00
Cd-104	5.10E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-105	3.00E-07	1.50E-07	4.78E-12	2.39E-12	0.00E+00	0.00E+00	0.00E+00
Cd-107	1.52E-10	7.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-111m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115	5.93E-12	2.97E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-115m	7.63E-09	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-117	3.55E-08	1.78E-08	1.73E-14	8.66E-15	0.00E+00	0.00E+00	0.00E+00
Cd-117m	2.91E-07	1.46E-07	4.18E-12	2.09E-12	0.00E+00	0.00E+00	0.00E+00
Cd-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-119	3.32E-07	1.66E-07	5.63E-12	2.81E-12	0.00E+00	0.00E+00	0.00E+00
Cd-119m	2.88E-07	1.44E-07	4.59E-12	2.30E-12	0.00E+00	0.00E+00	0.00E+00
Ce-130	3.04E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-131	4.94E-08	2.47E-08	2.46E-13	1.23E-13	0.00E+00	0.00E+00	0.00E+00
Ce-132	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133	6.39E-12	3.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-133m	7.32E-08	3.66E-08	5.69E-13	2.85E-13	0.00E+00	0.00E+00	0.00E+00
Ce-134	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-135	1.72E-09	8.58E-10	5.21E-16	2.60E-16	0.00E+00	0.00E+00	0.00E+00
Ce-137	7.18E-11	3.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-137m	8.58E-11	4.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-139	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-143	2.05E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-145	1.67E-09	8.37E-10	5.31E-18	2.65E-18	0.00E+00	0.00E+00	0.00E+00
Cf-244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-246	2.05E-07	1.03E-07	2.33E-11	1.17E-11	4.93E-15	1.94E-17	0.00E+00
Cf-247	6.81E-14	3.40E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-248	1.41E-06	7.04E-07	1.52E-10	7.61E-11	3.07E-14	1.20E-16	0.00E+00
Cf-249	9.04E-13	4.52E-13	7.17E-17	3.58E-17	1.41E-20	5.53E-23	0.00E+00
Cf-250	3.22E-06	1.61E-06	3.30E-10	1.65E-10	6.32E-14	2.48E-16	0.00E+00
Cf-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-252	3.27E-06	1.63E-06	3.20E-10	1.60E-10	5.79E-14	2.27E-16	0.00E+00
Cf-253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cf-254	3.21E-06	1.61E-06	3.00E-10	1.50E-10	5.11E-14	2.00E-16	0.00E+00
Cf-255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cl-34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-34m	2.59E-06	1.29E-06	8.19E-11	4.09E-11	0.00E+00	0.00E+00	0.00E+00
Cl-36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cl-38	5.51E-07	2.75E-07	9.30E-12	4.65E-12	0.00E+00	0.00E+00	0.00E+00
Cl-39	3.16E-08	1.58E-08	2.64E-14	1.32E-14	0.00E+00	0.00E+00	0.00E+00
Cl-40	8.66E-06	4.33E-06	1.13E-09	5.64E-10	1.23E-14	4.11E-17	0.00E+00
Cm-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-240	2.02E-09	1.01E-09	2.33E-13	1.17E-13	5.01E-17	1.97E-19	0.00E+00
Cm-241	2.60E-12	1.30E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-242	4.16E-09	2.08E-09	4.55E-13	2.27E-13	9.29E-17	3.65E-19	0.00E+00
Cm-243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-244	1.15E-07	5.73E-08	1.19E-11	5.96E-12	2.31E-15	9.06E-18	0.00E+00
Cm-245	3.94E-12	1.97E-12	4.00E-16	2.00E-16	7.56E-20	2.97E-22	0.00E+00
Cm-246	3.00E-06	1.50E-06	2.99E-10	1.49E-10	5.51E-14	2.16E-16	0.00E+00
Cm-247	1.28E-13	6.42E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-248	3.22E-06	1.61E-06	3.05E-10	1.52E-10	5.26E-14	2.06E-16	0.00E+00
Cm-249	1.76E-11	8.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250	3.17E-06	1.59E-06	2.88E-10	1.44E-10	4.67E-14	1.83E-16	0.00E+00
Cm-251	2.21E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-54m	2.21E-08	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-55	3.78E-08	1.89E-08	5.21E-13	2.60E-13	0.00E+00	0.00E+00	0.00E+00
Co-56	1.38E-06	6.91E-07	3.78E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00
Co-57	8.46E-13	4.23E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-58	1.82E-09	9.08E-10	9.05E-16	4.52E-16	0.00E+00	0.00E+00	0.00E+00
Co-58m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-60	1.75E-08	8.76E-09	1.45E-16	7.26E-17	0.00E+00	0.00E+00	0.00E+00
Co-60m	2.33E-08	1.17E-08	5.36E-14	2.68E-14	0.00E+00	0.00E+00	0.00E+00
Co-61	7.82E-10	3.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Co-62	6.63E-07	3.32E-07	2.06E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00
Co-62m	1.84E-07	9.21E-08	2.79E-12	1.40E-12	0.00E+00	0.00E+00	0.00E+00
Cr-48	2.17E-16	1.08E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-49	1.65E-09	8.27E-10	8.12E-15	4.06E-15	0.00E+00	0.00E+00	0.00E+00
Cr-51	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cr-55	1.84E-07	9.21E-08	2.75E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00
Cr-56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121	8.80E-09	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-121m	4.86E-09	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-123	4.12E-09	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-124	2.47E-07	1.23E-07	4.39E-12	2.20E-12	0.00E+00	0.00E+00	0.00E+00
Cs-125	1.29E-07	6.43E-08	2.30E-12	1.15E-12	0.00E+00	0.00E+00	0.00E+00
Cs-126	1.05E-07	5.26E-08	1.80E-12	9.02E-13	0.00E+00	0.00E+00	0.00E+00
Cs-127	2.44E-09	1.22E-09	7.62E-16	3.81E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Cs-128	9.03E-08	4.51E-08	1.64E-12	8.18E-13	0.00E+00	0.00E+00	0.00E+00
Cs-129	1.89E-11	9.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130m	7.42E-13	3.71E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-130	6.58E-08	3.29E-08	2.20E-13	1.10E-13	0.00E+00	0.00E+00	0.00E+00
Cs-131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-132	1.06E-09	5.30E-10	6.44E-16	3.22E-16	0.00E+00	0.00E+00	0.00E+00
Cs-134	1.11E-09	5.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-134m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-135m	4.36E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-136	3.03E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-137	1.35E-11	6.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138m	3.14E-08	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cs-138	4.70E-07	2.35E-07	1.07E-11	5.35E-12	0.00E+00	0.00E+00	0.00E+00
Cs-139	1.27E-06	6.36E-07	4.35E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00
Cs-140	1.58E-06	7.91E-07	4.76E-11	2.38E-11	0.00E+00	0.00E+00	0.00E+00
Cu-57	5.33E-07	2.66E-07	1.13E-11	5.63E-12	0.00E+00	0.00E+00	0.00E+00
Cu-59	2.81E-08	1.40E-08	1.34E-13	6.69E-14	0.00E+00	0.00E+00	0.00E+00
Cu-60	9.87E-07	4.93E-07	3.01E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00
Cu-61	8.42E-09	4.21E-09	6.71E-14	3.35E-14	0.00E+00	0.00E+00	0.00E+00
Cu-62	5.62E-07	2.81E-07	1.76E-11	8.81E-12	0.00E+00	0.00E+00	0.00E+00
Cu-64	2.75E-08	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-66	3.67E-09	1.83E-09	2.09E-17	1.04E-17	0.00E+00	0.00E+00	0.00E+00
Cu-67	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cu-69	9.95E-09	4.97E-09	7.86E-15	3.93E-15	0.00E+00	0.00E+00	0.00E+00
Dy-148	1.08E-09	5.39E-10	4.35E-16	2.18E-16	0.00E+00	0.00E+00	0.00E+00
Dy-149	8.52E-08	4.26E-08	1.84E-13	9.18E-14	0.00E+00	0.00E+00	0.00E+00
Dy-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-151	3.48E-08	1.74E-08	4.96E-14	2.48E-14	0.00E+00	0.00E+00	0.00E+00
Dy-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-153	2.36E-08	1.18E-08	1.27E-14	6.35E-15	0.00E+00	0.00E+00	0.00E+00
Dy-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-155	1.51E-08	7.57E-09	4.20E-15	2.10E-15	0.00E+00	0.00E+00	0.00E+00
Dy-157	6.34E-12	3.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-159	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165m	2.85E-12	1.42E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-165	4.08E-10	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-166	1.02E-13	5.08E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-167	5.08E-10	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dy-168	5.85E-12	2.92E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-159	6.16E-08	3.08E-08	4.87E-13	2.44E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Er-161	8.46E-09	4.23E-09	2.20E-15	1.10E-15	0.00E+00	0.00E+00	0.00E+00
Er-163	2.70E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-167m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-171	5.23E-11	2.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-172	1.03E-11	5.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Er-173	8.19E-10	4.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-249	7.32E-10	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250	3.85E-10	1.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-250m	1.22E-08	6.11E-09	3.89E-15	1.95E-15	0.00E+00	0.00E+00	0.00E+00
Es-251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-253	9.63E-09	4.81E-09	9.80E-13	4.90E-13	1.86E-16	7.29E-19	0.00E+00
Es-254	2.17E-10	1.09E-10	2.16E-14	1.08E-14	3.96E-18	1.56E-20	0.00E+00
Es-254m	4.56E-08	2.28E-08	4.52E-12	2.26E-12	8.31E-16	3.26E-18	0.00E+00
Es-255	3.25E-06	1.63E-06	3.15E-10	1.58E-10	5.62E-14	2.21E-16	0.00E+00
Es-256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-142	3.11E-07	1.55E-07	5.63E-12	2.81E-12	0.00E+00	0.00E+00	0.00E+00
Eu-142m	1.17E-08	5.84E-09	1.26E-13	6.32E-14	0.00E+00	0.00E+00	0.00E+00
Eu-143	2.55E-07	1.27E-07	3.94E-12	1.97E-12	0.00E+00	0.00E+00	0.00E+00
Eu-144	2.65E-07	1.33E-07	3.86E-12	1.93E-12	0.00E+00	0.00E+00	0.00E+00
Eu-145	1.00E-07	5.02E-08	6.02E-13	3.01E-13	0.00E+00	0.00E+00	0.00E+00
Eu-146	1.05E-07	5.26E-08	1.69E-12	8.43E-13	0.00E+00	0.00E+00	0.00E+00
Eu-147	2.88E-09	1.44E-09	1.68E-17	8.41E-18	0.00E+00	0.00E+00	0.00E+00
Eu-148	1.36E-08	6.81E-09	4.22E-14	2.11E-14	0.00E+00	0.00E+00	0.00E+00
Eu-149	8.09E-13	4.04E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-150	4.30E-09	2.15E-09	8.01E-16	4.00E-16	0.00E+00	0.00E+00	0.00E+00
Eu-150m	2.26E-08	1.13E-08	1.86E-14	9.32E-15	0.00E+00	0.00E+00	0.00E+00
Eu-152	1.36E-08	6.80E-09	5.04E-17	2.52E-17	0.00E+00	0.00E+00	0.00E+00
Eu-152m	3.65E-09	1.82E-09	5.15E-17	2.58E-17	0.00E+00	0.00E+00	0.00E+00
Eu-152n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-154	8.34E-09	4.17E-09	2.72E-16	1.36E-16	0.00E+00	0.00E+00	0.00E+00
Eu-154m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-156	2.31E-07	1.16E-07	3.22E-12	1.61E-12	0.00E+00	0.00E+00	0.00E+00
Eu-157	6.72E-11	3.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Eu-158	1.26E-07	6.32E-08	2.26E-12	1.13E-12	0.00E+00	0.00E+00	0.00E+00
Eu-159	5.96E-09	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-17	1.00E-09	5.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-52	5.23E-09	2.61E-09	3.61E-15	1.80E-15	0.00E+00	0.00E+00	0.00E+00
Fe-53	2.59E-07	1.30E-07	5.78E-12	2.89E-12	0.00E+00	0.00E+00	0.00E+00
Fe-53m	1.37E-07	6.86E-08	2.77E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Fe-55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-59	1.13E-08	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fe-61	1.43E-07	7.17E-08	2.50E-12	1.25E-12	0.00E+00	0.00E+00	0.00E+00
Fe-62	3.42E-12	1.71E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-251	8.16E-10	4.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-252	1.23E-06	6.14E-07	1.37E-10	6.85E-11	2.85E-14	1.12E-16	0.00E+00
Fm-253	1.62E-15	8.11E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fm-254	3.18E-06	1.59E-06	3.36E-10	1.68E-10	6.64E-14	2.61E-16	0.00E+00
Fm-255	1.97E-09	9.87E-10	2.02E-13	1.01E-13	3.87E-17	1.52E-19	0.00E+00
Fm-256	3.30E-06	1.65E-06	3.31E-10	1.66E-10	6.17E-14	2.42E-16	0.00E+00
Fm-257	8.90E-07	4.45E-07	8.68E-11	4.34E-11	1.56E-14	6.12E-17	0.00E+00
Fr-212	9.66E-09	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-219	1.65E-12	8.24E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-220	5.77E-15	2.88E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221	8.54E-15	4.27E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-222	3.17E-09	1.58E-09	1.05E-16	5.27E-17	0.00E+00	0.00E+00	0.00E+00
Fr-223	7.15E-11	3.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-224	4.96E-08	2.48E-08	3.28E-13	1.64E-13	0.00E+00	0.00E+00	0.00E+00
Fr-227	3.26E-09	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-64	3.48E-06	1.74E-06	1.42E-10	7.08E-11	0.00E+00	0.00E+00	0.00E+00
Ga-65	7.43E-08	3.72E-08	1.39E-12	6.94E-13	0.00E+00	0.00E+00	0.00E+00
Ga-66	7.02E-06	3.51E-06	3.57E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00
Ga-67	1.31E-11	6.54E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-68	2.48E-08	1.24E-08	5.97E-14	2.99E-14	0.00E+00	0.00E+00	0.00E+00
Ga-70	3.48E-09	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-72	5.45E-07	2.73E-07	1.16E-11	5.79E-12	0.00E+00	0.00E+00	0.00E+00
Ga-73	2.21E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ga-74	1.06E-06	5.31E-07	2.74E-11	1.37E-11	0.00E+00	0.00E+00	0.00E+00
Gd-142	6.17E-08	3.08E-08	4.58E-14	2.29E-14	0.00E+00	0.00E+00	0.00E+00
Gd-143m	6.01E-08	3.01E-08	1.60E-13	7.99E-14	0.00E+00	0.00E+00	0.00E+00
Gd-144	9.64E-07	4.82E-07	2.12E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00
Gd-145m	7.77E-11	3.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-145	1.46E-06	7.28E-07	5.54E-11	2.77E-11	0.00E+00	0.00E+00	0.00E+00
Gd-146	3.72E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-147	8.05E-09	4.02E-09	4.25E-15	2.13E-15	0.00E+00	0.00E+00	0.00E+00
Gd-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-149	1.80E-10	9.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-151	2.31E-17	1.16E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gd-159	6.00E-13	3.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Gd-162	7.46E-13	3.73E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-66	4.89E-09	2.45E-09	8.37E-16	4.18E-16	0.00E+00	0.00E+00	0.00E+00
Ge-67	4.94E-07	2.47E-07	1.31E-11	6.56E-12	0.00E+00	0.00E+00	0.00E+00
Ge-68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-69	1.89E-08	9.44E-09	5.44E-14	2.72E-14	0.00E+00	0.00E+00	0.00E+00
Ge-71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-75	4.84E-13	2.42E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-77	3.85E-08	1.93E-08	4.90E-13	2.45E-13	0.00E+00	0.00E+00	0.00E+00
Ge-78	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-169	2.08E-12	1.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-170	1.49E-11	7.44E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-173	3.96E-10	1.98E-10	9.89E-16	4.94E-16	0.00E+00	0.00E+00	0.00E+00
Hf-174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-175	1.95E-14	9.75E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-177m	2.64E-12	1.32E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-178m	4.09E-12	2.05E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-179m	5.93E-13	2.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-180m	6.84E-13	3.42E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-181	1.74E-12	8.69E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182m	4.04E-10	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-183	3.33E-09	1.66E-09	3.03E-16	1.52E-16	0.00E+00	0.00E+00	0.00E+00
Hf-184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-190	7.97E-13	3.98E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-191m	2.70E-08	1.35E-08	1.35E-14	6.77E-15	0.00E+00	0.00E+00	0.00E+00
Hg-192	1.44E-14	7.21E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193	5.68E-08	2.84E-08	4.56E-14	2.28E-14	0.00E+00	0.00E+00	0.00E+00
Hg-193m	2.59E-08	1.30E-08	1.12E-14	5.60E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195	1.68E-09	8.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-195m	5.76E-10	2.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-197m	1.91E-16	9.56E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-199m	3.78E-16	1.89E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-205	1.01E-09	5.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-206	5.12E-12	2.56E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-207	2.26E-07	1.13E-07	3.11E-12	1.55E-12	0.00E+00	0.00E+00	0.00E+00
Ho-150	3.49E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-153	4.10E-09	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ho-153m	2.12E-09	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154m	1.44E-09	7.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-154	3.07E-08	1.53E-08	3.14E-14	1.57E-14	0.00E+00	0.00E+00	0.00E+00
Ho-155	1.49E-07	7.47E-08	2.29E-12	1.14E-12	0.00E+00	0.00E+00	0.00E+00
Ho-156	2.62E-07	1.31E-07	5.00E-12	2.50E-12	0.00E+00	0.00E+00	0.00E+00
Ho-157	4.29E-09	2.15E-09	8.75E-16	4.38E-16	0.00E+00	0.00E+00	0.00E+00
Ho-159	5.14E-10	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-160	1.71E-09	8.54E-10	3.36E-17	1.68E-17	0.00E+00	0.00E+00	0.00E+00
Ho-161	1.76E-12	8.78E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-162	2.02E-08	1.01E-08	1.70E-15	8.50E-16	0.00E+00	0.00E+00	0.00E+00
Ho-162m	5.95E-09	2.98E-09	1.74E-16	8.68E-17	0.00E+00	0.00E+00	0.00E+00
Ho-163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164	6.09E-14	3.04E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-164m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-166	4.43E-08	2.22E-08	1.06E-14	5.29E-15	0.00E+00	0.00E+00	0.00E+00
Ho-166m	7.12E-10	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-167	6.46E-13	3.23E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-168	2.35E-08	1.17E-08	3.61E-13	1.81E-13	0.00E+00	0.00E+00	0.00E+00
Ho-168m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ho-170	2.52E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-118m	5.73E-09	2.87E-09	1.55E-15	7.77E-16	0.00E+00	0.00E+00	0.00E+00
I-118	6.77E-08	3.39E-08	9.63E-13	4.81E-13	0.00E+00	0.00E+00	0.00E+00
I-119	7.31E-09	3.65E-09	3.46E-15	1.73E-15	0.00E+00	0.00E+00	0.00E+00
I-120	2.20E-06	1.10E-06	8.73E-11	4.37E-11	0.00E+00	0.00E+00	0.00E+00
I-120m	3.31E-07	1.66E-07	6.48E-12	3.24E-12	0.00E+00	0.00E+00	0.00E+00
I-121	2.71E-09	1.36E-09	1.11E-15	5.53E-16	0.00E+00	0.00E+00	0.00E+00
I-122	1.49E-07	7.44E-08	2.84E-12	1.42E-12	0.00E+00	0.00E+00	0.00E+00
I-123	2.95E-12	1.47E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-124	1.57E-07	7.83E-08	2.30E-12	1.15E-12	0.00E+00	0.00E+00	0.00E+00
I-125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-126	6.31E-10	3.16E-10	1.14E-15	5.71E-16	0.00E+00	0.00E+00	0.00E+00
I-128	1.09E-10	5.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-130m	2.73E-08	1.37E-08	2.97E-13	1.49E-13	0.00E+00	0.00E+00	0.00E+00
I-130	8.27E-10	4.14E-10	1.18E-17	5.89E-18	0.00E+00	0.00E+00	0.00E+00
I-131	1.37E-07	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-132	2.09E-08	1.04E-08	1.97E-13	9.87E-14	0.00E+00	0.00E+00	0.00E+00
I-132m	5.52E-11	2.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-133	1.59E-09	7.97E-10	3.88E-19	1.94E-19	0.00E+00	0.00E+00	0.00E+00
I-134m	1.53E-10	7.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I-134	3.33E-08	1.67E-08	3.24E-13	1.62E-13	0.00E+00	0.00E+00	0.00E+00
I-135	8.97E-08	4.48E-08	7.92E-13	3.96E-13	0.00E+00	0.00E+00	0.00E+00
In-103	1.63E-06	8.15E-07	6.15E-11	3.07E-11	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
In-105	4.66E-07	2.33E-07	9.37E-12	4.68E-12	0.00E+00	0.00E+00	0.00E+00
In-106	7.52E-09	3.76E-09	3.62E-15	1.81E-15	0.00E+00	0.00E+00	0.00E+00
In-106m	1.71E-06	8.54E-07	5.73E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00
In-107	4.85E-07	2.42E-07	8.88E-12	4.44E-12	0.00E+00	0.00E+00	0.00E+00
In-108	5.75E-08	2.87E-08	7.71E-13	3.86E-13	0.00E+00	0.00E+00	0.00E+00
In-108m	4.39E-06	2.20E-06	1.90E-10	9.49E-11	0.00E+00	0.00E+00	0.00E+00
In-109	2.61E-08	1.30E-08	1.57E-14	7.85E-15	0.00E+00	0.00E+00	0.00E+00
In-109m	3.44E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-110	4.72E-09	2.36E-09	2.35E-15	1.18E-15	0.00E+00	0.00E+00	0.00E+00
In-110m	7.10E-07	3.55E-07	2.15E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00
In-111	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-111m	8.40E-12	4.20E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-112	4.25E-09	2.13E-09	6.15E-16	3.08E-16	0.00E+00	0.00E+00	0.00E+00
In-112m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114	1.57E-08	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-114m	3.19E-11	1.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-115m	3.66E-15	1.83E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-116m	1.05E-07	5.25E-08	1.39E-12	6.95E-13	0.00E+00	0.00E+00	0.00E+00
In-117	9.02E-12	4.51E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-117m	6.71E-12	3.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-118m	3.55E-08	1.78E-08	4.97E-13	2.48E-13	0.00E+00	0.00E+00	0.00E+00
In-118	3.01E-08	1.51E-08	1.34E-13	6.72E-14	0.00E+00	0.00E+00	0.00E+00
In-119	1.75E-10	8.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-119m	7.66E-09	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121	1.44E-09	7.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
In-121m	7.97E-07	3.99E-07	1.69E-11	8.44E-12	0.00E+00	0.00E+00	0.00E+00
Ir-180	1.01E-09	5.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-182	1.08E-08	5.40E-09	3.47E-15	1.73E-15	0.00E+00	0.00E+00	0.00E+00
Ir-183	1.29E-07	6.43E-08	8.27E-13	4.14E-13	0.00E+00	0.00E+00	0.00E+00
Ir-184	1.20E-07	6.00E-08	1.82E-12	9.11E-13	0.00E+00	0.00E+00	0.00E+00
Ir-185	1.31E-07	6.54E-08	1.62E-13	8.11E-14	0.00E+00	0.00E+00	0.00E+00
Ir-186	2.84E-07	1.42E-07	5.41E-12	2.70E-12	0.00E+00	0.00E+00	0.00E+00
Ir-186m	3.37E-07	1.69E-07	6.50E-12	3.25E-12	0.00E+00	0.00E+00	0.00E+00
Ir-187	9.58E-10	4.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-188	4.22E-07	2.11E-07	6.78E-12	3.39E-12	0.00E+00	0.00E+00	0.00E+00
Ir-189	4.93E-16	2.47E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190	4.68E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-190n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192	1.10E-11	5.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ir-192m	6.69E-14	3.34E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-194	1.02E-08	5.08E-09	2.37E-14	1.18E-14	0.00E+00	0.00E+00	0.00E+00
Ir-194m	5.99E-11	2.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-195m	1.85E-11	9.24E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196	6.84E-09	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-196m	9.09E-10	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-38	8.37E-07	4.18E-07	1.64E-11	8.22E-12	0.00E+00	0.00E+00	0.00E+00
K-40	4.88E-08	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-42	6.16E-08	3.08E-08	5.68E-14	2.84E-14	0.00E+00	0.00E+00	0.00E+00
K-43	1.60E-10	8.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K-44	2.23E-06	1.12E-06	9.42E-11	4.71E-11	0.00E+00	0.00E+00	0.00E+00
K-45	5.39E-07	2.69E-07	1.09E-11	5.44E-12	0.00E+00	0.00E+00	0.00E+00
K-46	6.36E-06	3.18E-06	3.40E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00
Kr-74	1.45E-10	7.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-75	2.03E-08	1.01E-08	3.89E-15	1.94E-15	0.00E+00	0.00E+00	0.00E+00
Kr-76	1.03E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-77	6.98E-09	3.49E-09	6.00E-14	3.00E-14	0.00E+00	0.00E+00	0.00E+00
Kr-79	1.23E-09	6.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-81m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-83m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85	4.76E-12	2.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-85m	4.02E-14	2.01E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-87	1.12E-06	5.59E-07	2.65E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00
Kr-88	8.22E-07	4.11E-07	1.73E-11	8.66E-12	0.00E+00	0.00E+00	0.00E+00
Kr-89	2.73E-06	1.36E-06	1.12E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00
La-128	3.91E-08	1.95E-08	3.36E-13	1.68E-13	0.00E+00	0.00E+00	0.00E+00
La-129	1.73E-08	8.66E-09	1.10E-13	5.52E-14	0.00E+00	0.00E+00	0.00E+00
La-130	3.20E-07	1.60E-07	6.35E-12	3.18E-12	0.00E+00	0.00E+00	0.00E+00
La-131	2.17E-08	1.09E-08	2.28E-13	1.14E-13	0.00E+00	0.00E+00	0.00E+00
La-132	7.18E-07	3.59E-07	1.76E-11	8.82E-12	0.00E+00	0.00E+00	0.00E+00
La-132m	8.66E-10	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-133	3.60E-09	1.80E-09	1.13E-15	5.64E-16	0.00E+00	0.00E+00	0.00E+00
La-134	1.45E-07	7.24E-08	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00
La-135	1.06E-10	5.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-136	4.12E-08	2.06E-08	5.77E-13	2.88E-13	0.00E+00	0.00E+00	0.00E+00
La-137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-138	3.52E-08	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
La-140	1.34E-07	6.71E-08	1.93E-12	9.63E-13	0.00E+00	0.00E+00	0.00E+00
La-141	1.06E-07	5.28E-08	1.37E-12	6.85E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
La-142	1.85E-06	9.23E-07	5.37E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00
La-143	4.60E-07	2.30E-07	8.53E-12	4.26E-12	0.00E+00	0.00E+00	0.00E+00
Lu-165	7.48E-08	3.74E-08	2.05E-13	1.03E-13	0.00E+00	0.00E+00	0.00E+00
Lu-167	1.71E-07	8.57E-08	1.45E-12	7.23E-13	0.00E+00	0.00E+00	0.00E+00
Lu-169m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-169	4.93E-08	2.46E-08	2.15E-13	1.08E-13	0.00E+00	0.00E+00	0.00E+00
Lu-170	1.15E-06	5.77E-07	2.32E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00
Lu-171m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-171	2.82E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-172	1.63E-08	8.16E-09	4.34E-14	2.17E-14	0.00E+00	0.00E+00	0.00E+00
Lu-172m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-173	2.26E-12	1.13E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174	7.97E-09	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-174m	5.26E-10	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176	3.22E-16	1.61E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-176m	3.38E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-177m	1.23E-13	6.17E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-178	3.07E-08	1.53E-08	4.15E-15	2.08E-15	0.00E+00	0.00E+00	0.00E+00
Lu-178m	3.50E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-179	1.98E-10	9.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lu-180	1.98E-08	9.89E-09	6.19E-15	3.09E-15	0.00E+00	0.00E+00	0.00E+00
Lu-181	1.61E-10	8.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-27	1.37E-09	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28	2.06E-08	1.03E-08	3.30E-16	1.65E-16	0.00E+00	0.00E+00	0.00E+00
Mn-50m	1.21E-07	6.04E-08	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00
Mn-51	1.37E-07	6.86E-08	1.73E-12	8.66E-13	0.00E+00	0.00E+00	0.00E+00
Mn-52	2.18E-08	1.09E-08	5.04E-16	2.52E-16	0.00E+00	0.00E+00	0.00E+00
Mn-52m	5.18E-08	2.59E-08	3.15E-13	1.57E-13	0.00E+00	0.00E+00	0.00E+00
Mn-53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-54	6.15E-10	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mn-56	2.93E-07	1.46E-07	4.72E-12	2.36E-12	0.00E+00	0.00E+00	0.00E+00
Mn-57	1.85E-08	9.25E-09	7.77E-15	3.89E-15	0.00E+00	0.00E+00	0.00E+00
Mn-58m	2.69E-07	1.35E-07	7.53E-12	3.77E-12	0.00E+00	0.00E+00	0.00E+00
Mo-101	9.99E-08	4.99E-08	7.85E-13	3.93E-13	0.00E+00	0.00E+00	0.00E+00
Mo-102	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-89	2.60E-07	1.30E-07	5.36E-12	2.68E-12	0.00E+00	0.00E+00	0.00E+00
Mo-90	7.63E-09	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-91m	4.19E-08	2.10E-08	3.53E-13	1.77E-13	0.00E+00	0.00E+00	0.00E+00
Mo-91	2.03E-06	1.02E-06	5.06E-11	2.53E-11	0.00E+00	0.00E+00	0.00E+00
Mo-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mo-93m	3.41E-08	1.71E-08	1.35E-14	6.77E-15	0.00E+00	0.00E+00	0.00E+00
Mo-99	1.02E-10	5.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
N-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N-16	8.13E-05	4.07E-05	1.73E-08	8.64E-09	1.42E-12	4.87E-15	0.00E+00
Na-22	1.38E-08	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Na-24	2.18E-06	1.09E-06	4.63E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00
Nb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-88m	8.79E-08	4.39E-08	1.48E-12	7.41E-13	0.00E+00	0.00E+00	0.00E+00
Nb-88	1.01E-08	5.04E-09	1.17E-13	5.86E-14	0.00E+00	0.00E+00	0.00E+00
Nb-89	2.20E-06	1.10E-06	5.42E-11	2.71E-11	0.00E+00	0.00E+00	0.00E+00
Nb-89m	6.46E-10	3.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-90	7.23E-07	3.61E-07	1.53E-11	7.64E-12	0.00E+00	0.00E+00	0.00E+00
Nb-91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-91m	8.12E-09	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92	1.03E-09	5.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-92m	5.66E-09	2.83E-09	3.62E-15	1.81E-15	0.00E+00	0.00E+00	0.00E+00
Nb-93m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94m	6.90E-10	3.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-94	5.97E-10	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95	1.07E-10	5.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-95m	3.20E-13	1.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-96	3.62E-09	1.81E-09	4.06E-17	2.03E-17	0.00E+00	0.00E+00	0.00E+00
Nb-97	3.76E-10	1.88E-10	2.59E-17	1.29E-17	0.00E+00	0.00E+00	0.00E+00
Nb-98m	6.78E-08	3.39E-08	6.92E-13	3.46E-13	0.00E+00	0.00E+00	0.00E+00
Nb-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nb-99m	1.44E-06	7.20E-07	2.99E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00
Nd-134	4.76E-10	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-135	1.65E-08	8.27E-09	1.01E-14	5.05E-15	0.00E+00	0.00E+00	0.00E+00
Nd-136	1.59E-09	7.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-137	9.01E-08	4.50E-08	9.68E-13	4.84E-13	0.00E+00	0.00E+00	0.00E+00
Nd-138	8.54E-14	4.27E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139	9.10E-09	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-139m	3.96E-08	1.98E-08	4.44E-13	2.22E-13	0.00E+00	0.00E+00	0.00E+00
Nd-140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-141	8.82E-09	4.41E-09	2.54E-16	1.27E-16	0.00E+00	0.00E+00	0.00E+00
Nd-141m	1.65E-10	8.23E-11	5.38E-17	2.69E-17	0.00E+00	0.00E+00	0.00E+00
Nd-144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-147	7.79E-12	3.90E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-149	1.45E-10	7.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nd-151	1.68E-08	8.39E-09	3.19E-14	1.59E-14	0.00E+00	0.00E+00	0.00E+00
Nd-152	1.99E-12	9.93E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-19	2.35E-08	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ne-24	1.44E-10	7.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-56	8.94E-09	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-57	9.35E-08	4.67E-08	2.51E-13	1.25E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ni-59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ni-65	3.83E-08	1.92E-08	2.06E-15	1.03E-15	0.00E+00	0.00E+00	0.00E+00
Ni-66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-232	3.07E-09	1.54E-09	2.03E-15	1.01E-15	0.00E+00	0.00E+00	0.00E+00
Np-233	5.32E-13	2.66E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-234	4.88E-08	2.44E-08	2.20E-15	1.10E-15	0.00E+00	0.00E+00	0.00E+00
Np-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236	8.26E-14	4.13E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-236m	8.68E-12	4.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-238	2.55E-09	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-239	1.75E-15	8.74E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240	1.33E-09	6.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-240m	1.14E-08	5.69E-09	5.78E-15	2.89E-15	0.00E+00	0.00E+00	0.00E+00
Np-241	6.80E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-242	1.07E-07	5.36E-08	5.72E-13	2.86E-13	0.00E+00	0.00E+00	0.00E+00
Np-242m	7.71E-10	3.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-14	1.15E-06	5.75E-07	2.49E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00
O-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O-19	1.11E-07	5.53E-08	4.68E-12	2.34E-12	0.00E+00	0.00E+00	0.00E+00
Os-180	2.92E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-181	8.14E-08	4.07E-08	9.95E-13	4.97E-13	0.00E+00	0.00E+00	0.00E+00
Os-182	3.15E-12	1.57E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-183	2.75E-09	1.38E-09	2.49E-16	1.24E-16	0.00E+00	0.00E+00	0.00E+00
Os-183m	7.34E-09	3.67E-09	1.61E-15	8.06E-16	0.00E+00	0.00E+00	0.00E+00
Os-185	1.93E-10	9.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-189m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-190m	8.31E-12	4.16E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-191m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-193	7.19E-12	3.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-196	4.15E-12	2.07E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-30	1.11E-06	5.54E-07	2.66E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00
P-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P-33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-228	3.02E-08	1.51E-08	1.99E-14	9.95E-15	0.00E+00	0.00E+00	0.00E+00
Pa-229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-230	1.32E-09	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-231	4.39E-14	2.20E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-232	1.22E-09	6.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-233	1.96E-14	9.78E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-234	1.31E-08	6.57E-09	7.64E-15	3.82E-15	0.00E+00	0.00E+00	0.00E+00
Pa-234m	2.70E-08	1.35E-08	1.98E-14	9.88E-15	0.00E+00	0.00E+00	0.00E+00
Pa-235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pa-236	1.15E-07	5.73E-08	4.95E-13	2.48E-13	0.00E+00	0.00E+00	0.00E+00
Pa-237	1.04E-09	5.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-194	4.77E-08	2.38E-08	4.01E-13	2.01E-13	0.00E+00	0.00E+00	0.00E+00
Pb-195m	7.00E-09	3.50E-09	4.86E-15	2.43E-15	0.00E+00	0.00E+00	0.00E+00
Pb-196	1.76E-10	8.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-197	1.70E-07	8.49E-08	2.68E-12	1.34E-12	0.00E+00	0.00E+00	0.00E+00
Pb-197m	1.63E-08	8.16E-09	1.84E-13	9.18E-14	0.00E+00	0.00E+00	0.00E+00
Pb-198	1.37E-10	6.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-199	9.83E-08	4.91E-08	1.16E-12	5.80E-13	0.00E+00	0.00E+00	0.00E+00
Pb-200	6.74E-13	3.37E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-201	2.65E-09	1.33E-09	1.51E-16	7.56E-17	0.00E+00	0.00E+00	0.00E+00
Pb-201m	1.92E-11	9.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202m	8.85E-10	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-203	1.11E-12	5.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-204m	1.14E-09	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-211	4.91E-10	2.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-212	2.49E-15	1.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-214	1.92E-11	9.58E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-101	4.52E-09	2.26E-09	4.81E-16	2.41E-16	0.00E+00	0.00E+00	0.00E+00
Pd-103	1.12E-14	5.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-109	5.94E-12	2.97E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-111	1.81E-08	9.04E-09	6.38E-16	3.19E-16	0.00E+00	0.00E+00	0.00E+00
Pd-112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-114	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-96	8.30E-09	4.15E-09	2.25E-15	1.12E-15	0.00E+00	0.00E+00	0.00E+00
Pd-97	7.42E-07	3.71E-07	1.74E-11	8.72E-12	0.00E+00	0.00E+00	0.00E+00
Pd-98	9.86E-10	4.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-99	2.66E-07	1.33E-07	4.81E-12	2.41E-12	0.00E+00	0.00E+00	0.00E+00
Pm-136	6.95E-10	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-137m	4.65E-09	2.33E-09	1.07E-16	5.34E-17	0.00E+00	0.00E+00	0.00E+00
Pm-139	1.12E-07	5.62E-08	1.46E-12	7.31E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pm-140m	1.33E-08	6.63E-09	1.70E-13	8.49E-14	0.00E+00	0.00E+00	0.00E+00
Pm-140	6.49E-08	3.25E-08	1.05E-12	5.26E-13	0.00E+00	0.00E+00	0.00E+00
Pm-141	1.76E-07	8.81E-08	2.64E-12	1.32E-12	0.00E+00	0.00E+00	0.00E+00
Pm-142	3.93E-07	1.97E-07	7.70E-12	3.85E-12	0.00E+00	0.00E+00	0.00E+00
Pm-143	9.06E-11	4.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-144	4.21E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-146	5.58E-11	2.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-148	3.12E-08	1.56E-08	4.22E-14	2.11E-14	0.00E+00	0.00E+00	0.00E+00
Pm-148m	4.40E-10	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-149	1.32E-10	6.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-150	1.24E-07	6.21E-08	1.87E-12	9.36E-13	0.00E+00	0.00E+00	0.00E+00
Pm-151	7.46E-11	3.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-152m	5.21E-08	2.60E-08	7.52E-13	3.76E-13	0.00E+00	0.00E+00	0.00E+00
Pm-152	1.51E-07	7.54E-08	2.62E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00
Pm-153	2.50E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pm-154	4.12E-07	2.06E-07	7.05E-12	3.53E-12	0.00E+00	0.00E+00	0.00E+00
Pm-154m	7.49E-08	3.75E-08	4.47E-13	2.23E-13	0.00E+00	0.00E+00	0.00E+00
Po-203	9.59E-08	4.80E-08	1.47E-12	7.36E-13	0.00E+00	0.00E+00	0.00E+00
Po-204	1.45E-09	7.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-205	6.19E-08	3.09E-08	8.54E-13	4.27E-13	0.00E+00	0.00E+00	0.00E+00
Po-206	1.82E-09	9.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-207	1.66E-08	8.32E-09	1.37E-13	6.87E-14	0.00E+00	0.00E+00	0.00E+00
Po-208	3.14E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-209	9.25E-10	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-210	2.36E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-211	8.02E-10	4.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-212m	1.97E-06	9.86E-07	4.38E-11	2.19E-11	0.00E+00	0.00E+00	0.00E+00
Po-212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-213	1.13E-10	5.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-214	1.93E-10	9.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-215	1.16E-12	5.79E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-216	2.59E-10	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Po-218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-134	1.03E-07	5.14E-08	2.15E-12	1.08E-12	0.00E+00	0.00E+00	0.00E+00
Pr-134m	2.51E-07	1.26E-07	3.81E-12	1.91E-12	0.00E+00	0.00E+00	0.00E+00
Pr-135	7.64E-08	3.82E-08	9.12E-13	4.56E-13	0.00E+00	0.00E+00	0.00E+00
Pr-136	4.88E-07	2.44E-07	1.24E-11	6.22E-12	0.00E+00	0.00E+00	0.00E+00
Pr-137	9.04E-08	4.52E-08	9.88E-13	4.94E-13	0.00E+00	0.00E+00	0.00E+00
Pr-138	1.72E-07	8.58E-08	3.23E-12	1.61E-12	0.00E+00	0.00E+00	0.00E+00
Pr-138m	6.97E-09	3.49E-09	3.72E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00
Pr-139	5.06E-08	2.53E-08	4.15E-14	2.08E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pr-140	1.13E-07	5.67E-08	1.58E-12	7.88E-13	0.00E+00	0.00E+00	0.00E+00
Pr-142	6.63E-08	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-142m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-143	9.36E-11	4.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-144	4.61E-07	2.31E-07	8.51E-12	4.26E-12	0.00E+00	0.00E+00	0.00E+00
Pr-144m	2.15E-08	1.07E-08	1.43E-14	7.15E-15	0.00E+00	0.00E+00	0.00E+00
Pr-145	2.49E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pr-146	3.66E-07	1.83E-07	8.38E-12	4.19E-12	0.00E+00	0.00E+00	0.00E+00
Pr-147	3.47E-08	1.73E-08	4.51E-13	2.25E-13	0.00E+00	0.00E+00	0.00E+00
Pr-148	3.29E-07	1.65E-07	6.29E-12	3.14E-12	0.00E+00	0.00E+00	0.00E+00
Pr-148m	5.91E-09	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-184	2.36E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-186	4.94E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-187	1.95E-09	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-188	2.05E-13	1.02E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-189	6.75E-09	3.37E-09	2.06E-15	1.03E-15	0.00E+00	0.00E+00	0.00E+00
Pt-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-191	4.96E-12	2.48E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-193m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-195m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-197m	7.81E-17	3.90E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-199	1.58E-10	7.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-200	5.71E-14	2.85E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-235	1.18E-10	5.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-236	7.38E-11	3.69E-11	8.24E-15	4.12E-15	1.72E-18	6.74E-21	0.00E+00
Pu-237	4.85E-17	2.42E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-238	1.24E-10	6.20E-11	1.31E-14	6.55E-15	2.58E-18	1.01E-20	0.00E+00
Pu-239	1.59E-13	7.96E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-240	4.55E-09	2.28E-09	4.55E-13	2.27E-13	8.41E-17	3.30E-19	0.00E+00
Pu-241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-242	4.92E-07	2.46E-07	4.65E-11	2.33E-11	8.04E-15	3.16E-17	0.00E+00
Pu-243	3.08E-15	1.54E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244	3.12E-06	1.56E-06	2.82E-10	1.41E-10	4.56E-14	1.79E-16	0.00E+00
Pu-245	6.11E-10	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-246	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-219	9.76E-12	4.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-220	1.78E-12	8.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221	8.11E-14	4.06E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ra-222	1.65E-12	8.23E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223	3.69E-13	1.85E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224	1.22E-13	6.09E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_226	1.06E-08	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-227	2.67E-11	1.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra_228	1.12E-11	5.58E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-230	1.07E-12	5.33E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-77	2.16E-07	1.08E-07	4.34E-12	2.17E-12	0.00E+00	0.00E+00	0.00E+00
Rb-78m	6.56E-07	3.28E-07	1.81E-11	9.04E-12	0.00E+00	0.00E+00	0.00E+00
Rb-78	7.55E-06	3.77E-06	4.53E-10	2.26E-10	0.00E+00	0.00E+00	0.00E+00
Rb-79	7.47E-08	3.73E-08	1.43E-12	7.16E-13	0.00E+00	0.00E+00	0.00E+00
Rb-80	4.50E-10	2.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-81	2.81E-09	1.40E-09	2.95E-16	1.47E-16	0.00E+00	0.00E+00	0.00E+00
Rb-81m	3.08E-08	1.54E-08	2.09E-14	1.04E-14	0.00E+00	0.00E+00	0.00E+00
Rb-82	5.01E-08	2.50E-08	1.11E-12	5.54E-13	0.00E+00	0.00E+00	0.00E+00
Rb-82m	1.52E-08	7.62E-09	1.06E-13	5.31E-14	0.00E+00	0.00E+00	0.00E+00
Rb-83	9.19E-12	4.59E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-84	7.36E-09	3.68E-09	5.78E-15	2.89E-15	0.00E+00	0.00E+00	0.00E+00
Rb-84m	8.02E-13	4.01E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86m	1.12E-11	5.58E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-86	5.06E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rb-88	1.02E-06	5.09E-07	3.74E-11	1.87E-11	0.00E+00	0.00E+00	0.00E+00
Rb-89	7.50E-07	3.75E-07	2.17E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00
Rb-90	1.51E-05	7.55E-06	9.78E-10	4.89E-10	0.00E+00	0.00E+00	0.00E+00
Rb-90m	4.48E-06	2.24E-06	1.97E-10	9.83E-11	0.00E+00	0.00E+00	0.00E+00
Re-178	2.94E-06	1.47E-06	9.19E-11	4.60E-11	0.00E+00	0.00E+00	0.00E+00
Re-179	4.89E-08	2.45E-08	2.96E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Re-180	2.43E-08	1.22E-08	3.88E-13	1.94E-13	0.00E+00	0.00E+00	0.00E+00
Re-181	3.86E-09	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-182	9.97E-09	4.98E-09	5.46E-18	2.73E-18	0.00E+00	0.00E+00	0.00E+00
Re-182m	4.52E-08	2.26E-08	4.16E-13	2.08E-13	0.00E+00	0.00E+00	0.00E+00
Re-183	3.13E-16	1.56E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184	9.09E-10	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-184m	1.11E-09	5.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186	2.44E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-188	1.28E-08	6.38E-09	9.50E-15	4.75E-15	0.00E+00	0.00E+00	0.00E+00
Re-188m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-189	1.61E-12	8.06E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-190	4.64E-09	2.32E-09	1.65E-14	8.24E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Re-190m	2.34E-09	1.17E-09	1.90E-15	9.50E-16	0.00E+00	0.00E+00	0.00E+00
Rh-100m	5.50E-08	2.75E-08	3.99E-14	1.99E-14	0.00E+00	0.00E+00	0.00E+00
Rh-100	4.88E-07	2.44E-07	1.02E-11	5.09E-12	0.00E+00	0.00E+00	0.00E+00
Rh-101	2.52E-15	1.26E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-101m	8.23E-13	4.11E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-102	4.45E-09	2.22E-09	3.86E-14	1.93E-14	0.00E+00	0.00E+00	0.00E+00
Rh-102m	1.57E-09	7.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-103m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-104	1.32E-09	6.60E-10	3.37E-16	1.69E-16	0.00E+00	0.00E+00	0.00E+00
Rh-104m	1.68E-10	8.41E-11	3.14E-17	1.57E-17	0.00E+00	0.00E+00	0.00E+00
Rh-105	2.98E-15	1.49E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-106	2.44E-08	1.22E-08	4.32E-13	2.16E-13	0.00E+00	0.00E+00	0.00E+00
Rh-106m	1.62E-08	8.10E-09	4.40E-15	2.20E-15	0.00E+00	0.00E+00	0.00E+00
Rh-107	2.53E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-108	6.86E-11	3.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-109	1.44E-10	7.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rh-94	4.67E-07	2.33E-07	1.11E-11	5.53E-12	0.00E+00	0.00E+00	0.00E+00
Rh-95	1.17E-06	5.87E-07	4.31E-11	2.16E-11	0.00E+00	0.00E+00	0.00E+00
Rh-95m	5.76E-06	2.88E-06	2.91E-10	1.46E-10	0.00E+00	0.00E+00	0.00E+00
Rh-96	1.38E-07	6.89E-08	3.00E-12	1.50E-12	0.00E+00	0.00E+00	0.00E+00
Rh-96m	3.46E-07	1.73E-07	6.75E-12	3.37E-12	0.00E+00	0.00E+00	0.00E+00
Rh-97	3.38E-07	1.69E-07	8.51E-12	4.25E-12	0.00E+00	0.00E+00	0.00E+00
Rh-97m	1.07E-06	5.37E-07	2.76E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00
Rh-98	1.53E-07	7.67E-08	2.55E-12	1.27E-12	0.00E+00	0.00E+00	0.00E+00
Rh-99	6.75E-09	3.37E-09	8.82E-15	4.41E-15	0.00E+00	0.00E+00	0.00E+00
Rh-99m	3.39E-09	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-207	2.31E-08	1.15E-08	4.65E-13	2.33E-13	0.00E+00	0.00E+00	0.00E+00
Rn-209	2.74E-07	1.37E-07	5.46E-12	2.73E-12	0.00E+00	0.00E+00	0.00E+00
Rn-210	1.01E-09	5.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-211	1.42E-08	7.11E-09	1.08E-14	5.38E-15	0.00E+00	0.00E+00	0.00E+00
Rn-212	5.97E-11	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-218	1.77E-11	8.86E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219	1.51E-12	7.55E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222	4.08E-12	2.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-223	4.02E-09	2.01E-09	2.31E-17	1.15E-17	0.00E+00	0.00E+00	0.00E+00
Ru-103	3.69E-12	1.84E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-105	7.57E-10	3.79E-10	2.91E-16	1.46E-16	0.00E+00	0.00E+00	0.00E+00
Ru-106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-107	4.64E-08	2.32E-08	6.00E-13	3.00E-13	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ru-108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-92	1.43E-07	7.14E-08	2.17E-12	1.09E-12	0.00E+00	0.00E+00	0.00E+00
Ru-94	5.49E-10	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-95	6.97E-08	3.48E-08	1.10E-12	5.49E-13	0.00E+00	0.00E+00	0.00E+00
Ru-97	2.68E-12	1.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S-37	5.19E-06	2.60E-06	1.07E-10	5.35E-11	0.00E+00	0.00E+00	0.00E+00
S-38	3.55E-07	1.77E-07	1.79E-12	8.93E-13	0.00E+00	0.00E+00	0.00E+00
Sb-111	6.03E-09	3.01E-09	3.35E-15	1.67E-15	0.00E+00	0.00E+00	0.00E+00
Sb-113	4.35E-08	2.17E-08	1.06E-12	5.31E-13	0.00E+00	0.00E+00	0.00E+00
Sb-114	1.97E-07	9.85E-08	6.07E-12	3.04E-12	0.00E+00	0.00E+00	0.00E+00
Sb-115	1.12E-08	5.62E-09	1.39E-13	6.93E-14	0.00E+00	0.00E+00	0.00E+00
Sb-116	2.93E-07	1.46E-07	5.77E-12	2.89E-12	0.00E+00	0.00E+00	0.00E+00
Sb-116m	9.34E-09	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-117	8.16E-10	4.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-118	4.34E-08	2.17E-08	5.59E-13	2.80E-13	0.00E+00	0.00E+00	0.00E+00
Sb-118m	6.76E-09	3.38E-09	2.62E-15	1.31E-15	0.00E+00	0.00E+00	0.00E+00
Sb-119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120	6.47E-09	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-120m	5.33E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-122	4.88E-10	2.44E-10	5.59E-17	2.80E-17	0.00E+00	0.00E+00	0.00E+00
Sb-124	1.08E-07	5.42E-08	6.30E-13	3.15E-13	0.00E+00	0.00E+00	0.00E+00
Sb-124m	9.58E-11	4.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-124n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-125	1.17E-11	5.86E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126	3.78E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-126m	2.93E-10	1.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-127	2.94E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sb-128	2.33E-09	1.16E-09	8.87E-16	4.43E-16	0.00E+00	0.00E+00	0.00E+00
Sb-128m	9.30E-10	4.65E-10	9.58E-17	4.79E-17	0.00E+00	0.00E+00	0.00E+00
Sb-129	4.69E-08	2.35E-08	2.07E-13	1.03E-13	0.00E+00	0.00E+00	0.00E+00
Sb-130m	3.20E-08	1.60E-08	4.72E-13	2.36E-13	0.00E+00	0.00E+00	0.00E+00
Sb-130	1.67E-08	8.37E-09	2.06E-14	1.03E-14	0.00E+00	0.00E+00	0.00E+00
Sb-131	1.81E-07	9.07E-08	2.98E-12	1.49E-12	0.00E+00	0.00E+00	0.00E+00
Sb-133	5.73E-07	2.87E-07	1.15E-11	5.76E-12	0.00E+00	0.00E+00	0.00E+00
Sc-42m	3.54E-08	1.77E-08	7.46E-14	3.73E-14	0.00E+00	0.00E+00	0.00E+00
Sc-43	1.24E-09	6.22E-10	1.06E-15	5.29E-16	0.00E+00	0.00E+00	0.00E+00
Sc-44	1.52E-08	7.59E-09	1.56E-13	7.79E-14	0.00E+00	0.00E+00	0.00E+00
Sc-44m	9.10E-10	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-46	4.20E-09	2.10E-09	2.19E-19	1.09E-19	0.00E+00	0.00E+00	0.00E+00
Sc-47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sc-48	1.03E-08	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sc-49	1.77E-07	8.85E-08	1.35E-13	6.73E-14	0.00E+00	0.00E+00	0.00E+00
Sc-50	7.56E-08	3.78E-08	1.08E-12	5.38E-13	0.00E+00	0.00E+00	0.00E+00
Se-70	2.92E-09	1.46E-09	3.90E-16	1.95E-16	0.00E+00	0.00E+00	0.00E+00
Se-71	1.67E-07	8.33E-08	3.79E-12	1.89E-12	0.00E+00	0.00E+00	0.00E+00
Se-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-73	2.56E-09	1.28E-09	2.12E-14	1.06E-14	0.00E+00	0.00E+00	0.00E+00
Se-73m	7.48E-09	3.74E-09	7.53E-14	3.77E-14	0.00E+00	0.00E+00	0.00E+00
Se-75	2.23E-14	1.11E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-77m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81	2.42E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-81m	5.45E-14	2.73E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Se-83m	1.47E-07	7.35E-08	1.66E-12	8.31E-13	0.00E+00	0.00E+00	0.00E+00
Se-83	1.86E-07	9.29E-08	3.11E-12	1.56E-12	0.00E+00	0.00E+00	0.00E+00
Se-84	3.79E-13	1.89E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-31	1.20E-08	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Si-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-139	2.05E-07	1.03E-07	3.82E-12	1.91E-12	0.00E+00	0.00E+00	0.00E+00
Sm-140	2.87E-08	1.44E-08	2.80E-14	1.40E-14	0.00E+00	0.00E+00	0.00E+00
Sm-141	7.17E-08	3.58E-08	3.29E-13	1.65E-13	0.00E+00	0.00E+00	0.00E+00
Sm-141m	4.73E-08	2.36E-08	1.63E-13	8.13E-14	0.00E+00	0.00E+00	0.00E+00
Sm-142	5.45E-09	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-143	9.50E-08	4.75E-08	1.54E-12	7.70E-13	0.00E+00	0.00E+00	0.00E+00
Sm-143m	1.01E-10	5.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-145	1.73E-15	8.66E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-153	4.22E-13	2.11E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-155	4.20E-10	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sm-157	9.88E-09	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-106	3.66E-09	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-108	2.48E-09	1.24E-09	1.79E-15	8.96E-16	0.00E+00	0.00E+00	0.00E+00
Sn-109	4.41E-07	2.20E-07	8.68E-12	4.34E-12	0.00E+00	0.00E+00	0.00E+00
Sn-110	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-111	2.25E-07	1.12E-07	2.90E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00
Sn-113	1.50E-14	7.52E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-117m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-119m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Sn-121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123	5.39E-09	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-123m	1.51E-14	7.53E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-125m	3.39E-09	1.70E-09	2.25E-15	1.12E-15	0.00E+00	0.00E+00	0.00E+00
Sn-125	6.32E-08	3.16E-08	4.45E-13	2.22E-13	0.00E+00	0.00E+00	0.00E+00
Sn-126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127m	1.10E-08	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-127	2.78E-07	1.39E-07	5.39E-12	2.70E-12	0.00E+00	0.00E+00	0.00E+00
Sn-128	1.42E-11	7.11E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-129	4.43E-08	2.22E-08	6.74E-13	3.37E-13	0.00E+00	0.00E+00	0.00E+00
Sn-130	1.66E-10	8.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-130m	4.37E-08	2.19E-08	3.32E-13	1.66E-13	0.00E+00	0.00E+00	0.00E+00
Sr-79	3.62E-12	1.81E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-80	1.22E-11	6.12E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-81	5.54E-09	2.77E-09	1.34E-15	6.69E-16	0.00E+00	0.00E+00	0.00E+00
Sr-82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-83	3.07E-08	1.53E-08	1.99E-13	9.93E-14	0.00E+00	0.00E+00	0.00E+00
Sr-85	4.96E-12	2.48E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-85m	6.02E-14	3.01E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-87m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-89	1.38E-09	6.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-91	4.90E-09	2.45E-09	5.98E-15	2.99E-15	0.00E+00	0.00E+00	0.00E+00
Sr-92	3.34E-08	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-93	2.73E-07	1.36E-07	5.30E-12	2.65E-12	0.00E+00	0.00E+00	0.00E+00
Sr-94	4.95E-08	2.48E-08	1.57E-13	7.83E-14	0.00E+00	0.00E+00	0.00E+00
Ta-170	3.42E-09	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-172	1.39E-07	6.95E-08	3.82E-12	1.91E-12	0.00E+00	0.00E+00	0.00E+00
Ta-173	1.86E-07	9.28E-08	3.53E-12	1.77E-12	0.00E+00	0.00E+00	0.00E+00
Ta-174	4.20E-07	2.10E-07	8.67E-12	4.33E-12	0.00E+00	0.00E+00	0.00E+00
Ta-175	6.50E-08	3.25E-08	4.17E-14	2.09E-14	0.00E+00	0.00E+00	0.00E+00
Ta-176	5.22E-07	2.61E-07	9.62E-12	4.81E-12	0.00E+00	0.00E+00	0.00E+00
Ta-177	4.65E-10	2.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-178	1.97E-08	9.86E-09	7.22E-17	3.61E-17	0.00E+00	0.00E+00	0.00E+00
Ta-178m	3.23E-13	1.62E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182	7.94E-09	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-182m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-183	2.31E-15	1.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-184	1.18E-09	5.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ta-185	1.88E-10	9.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ta-186	1.40E-09	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-146	7.37E-07	3.68E-07	1.41E-11	7.04E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147m	4.80E-07	2.40E-07	1.09E-11	5.43E-12	0.00E+00	0.00E+00	0.00E+00
Tb-147	2.25E-07	1.12E-07	4.57E-12	2.28E-12	0.00E+00	0.00E+00	0.00E+00
Tb-148m	7.99E-09	3.99E-09	6.08E-14	3.04E-14	0.00E+00	0.00E+00	0.00E+00
Tb-148	1.03E-06	5.14E-07	3.55E-11	1.78E-11	0.00E+00	0.00E+00	0.00E+00
Tb-149m	5.44E-09	2.72E-09	3.33E-15	1.67E-15	0.00E+00	0.00E+00	0.00E+00
Tb-149	4.16E-07	2.08E-07	8.61E-12	4.31E-12	0.00E+00	0.00E+00	0.00E+00
Tb-150m	9.55E-11	4.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-150	2.32E-06	1.16E-06	9.05E-11	4.53E-11	0.00E+00	0.00E+00	0.00E+00
Tb-151	1.08E-08	5.42E-09	2.36E-14	1.18E-14	0.00E+00	0.00E+00	0.00E+00
Tb-151m	2.41E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152m	1.00E-09	5.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-152	5.93E-07	2.97E-07	1.25E-11	6.23E-12	0.00E+00	0.00E+00	0.00E+00
Tb-153	8.80E-10	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-154	8.69E-07	4.35E-07	1.78E-11	8.92E-12	0.00E+00	0.00E+00	0.00E+00
Tb-155	2.18E-13	1.09E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156	2.89E-08	1.45E-08	4.55E-14	2.27E-14	0.00E+00	0.00E+00	0.00E+00
Tb-156m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-156n	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-158	1.83E-09	9.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-160	4.49E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-161	1.69E-13	8.46E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-162	2.33E-09	1.16E-09	1.26E-14	6.32E-15	0.00E+00	0.00E+00	0.00E+00
Tb-163	1.50E-11	7.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tb-164	1.51E-07	7.56E-08	2.84E-12	1.42E-12	0.00E+00	0.00E+00	0.00E+00
Tb-165	3.98E-08	1.99E-08	1.47E-14	7.36E-15	0.00E+00	0.00E+00	0.00E+00
Tc-101	1.90E-11	9.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-102m	2.90E-07	1.45E-07	5.34E-12	2.67E-12	0.00E+00	0.00E+00	0.00E+00
Tc-102	1.66E-07	8.30E-08	3.52E-12	1.76E-12	0.00E+00	0.00E+00	0.00E+00
Tc-104	1.15E-06	5.74E-07	3.24E-11	1.62E-11	0.00E+00	0.00E+00	0.00E+00
Tc-105	1.23E-07	6.15E-08	1.77E-12	8.84E-13	0.00E+00	0.00E+00	0.00E+00
Tc-91	1.68E-06	8.41E-07	5.46E-11	2.73E-11	0.00E+00	0.00E+00	0.00E+00
Tc-91m	2.43E-08	1.22E-08	1.03E-13	5.14E-14	0.00E+00	0.00E+00	0.00E+00
Tc-92	2.35E-07	1.17E-07	6.75E-12	3.37E-12	0.00E+00	0.00E+00	0.00E+00
Tc-93	7.99E-08	3.99E-08	8.60E-13	4.30E-13	0.00E+00	0.00E+00	0.00E+00
Tc-93m	2.06E-06	1.03E-06	4.65E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00
Tc-94	2.36E-09	1.18E-09	4.24E-16	2.12E-16	0.00E+00	0.00E+00	0.00E+00
Tc-94m	5.79E-07	2.90E-07	1.30E-11	6.48E-12	0.00E+00	0.00E+00	0.00E+00
Tc-95	4.34E-10	2.17E-10	7.02E-19	3.51E-19	0.00E+00	0.00E+00	0.00E+00
Tc-95m	5.20E-10	2.60E-10	3.27E-17	1.63E-17	0.00E+00	0.00E+00	0.00E+00
Tc-96	9.59E-10	4.79E-10	2.58E-19	1.29E-19	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Tc-96m	1.17E-08	5.87E-09	5.26E-15	2.63E-15	0.00E+00	0.00E+00	0.00E+00
Tc-97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-97m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-98	6.80E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tc-99m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-113	3.50E-07	1.75E-07	6.72E-12	3.36E-12	0.00E+00	0.00E+00	0.00E+00
Te-114	1.15E-07	5.74E-08	6.27E-13	3.14E-13	0.00E+00	0.00E+00	0.00E+00
Te-115	1.56E-07	7.81E-08	3.86E-12	1.93E-12	0.00E+00	0.00E+00	0.00E+00
Te-115m	1.67E-07	8.34E-08	2.45E-12	1.23E-12	0.00E+00	0.00E+00	0.00E+00
Te-116	5.27E-10	2.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-117	2.94E-07	1.47E-07	5.50E-12	2.75E-12	0.00E+00	0.00E+00	0.00E+00
Te-118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-119	1.98E-08	9.92E-09	1.45E-14	7.25E-15	0.00E+00	0.00E+00	0.00E+00
Te-119m	5.15E-08	2.58E-08	6.29E-13	3.14E-13	0.00E+00	0.00E+00	0.00E+00
Te-121	1.16E-11	5.81E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-121m	9.59E-10	4.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-123m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-125m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127	5.16E-13	2.58E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-127m	9.84E-13	4.92E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129	8.52E-10	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-129m	1.91E-10	9.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-131	3.29E-09	1.64E-09	4.33E-15	2.16E-15	0.00E+00	0.00E+00	0.00E+00
Te-131m	3.12E-08	1.56E-08	2.55E-13	1.28E-13	0.00E+00	0.00E+00	0.00E+00
Te-132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Te-133	2.02E-07	1.01E-07	3.67E-12	1.83E-12	0.00E+00	0.00E+00	0.00E+00
Te-133m	8.52E-08	4.26E-08	1.07E-12	5.34E-13	0.00E+00	0.00E+00	0.00E+00
Te-134	1.08E-10	5.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-223	2.47E-15	1.24E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-224	6.17E-14	3.09E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-226	1.02E-13	5.09E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-227	8.68E-13	4.34E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-228	7.37E-14	3.68E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-230	9.51E-07	4.76E-07	5.50E-12	2.75E-12	0.00E+00	0.00E+00	0.00E+00
Th-231	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-233	2.03E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-235	1.95E-10	9.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-236	1.74E-11	8.70E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ti-44	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-45	4.04E-08	2.02E-08	1.43E-14	7.16E-15	0.00E+00	0.00E+00	0.00E+00
Ti-51	2.85E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ti-52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190	4.48E-09	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-190m	2.59E-09	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194	6.00E-10	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-194m	7.60E-09	3.80E-09	4.66E-15	2.33E-15	0.00E+00	0.00E+00	0.00E+00
Tl-195	2.64E-07	1.32E-07	4.60E-12	2.30E-12	0.00E+00	0.00E+00	0.00E+00
Tl-196	2.07E-07	1.04E-07	2.90E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00
Tl-197	1.68E-08	8.42E-09	2.96E-15	1.48E-15	0.00E+00	0.00E+00	0.00E+00
Tl-198	2.86E-07	1.43E-07	4.69E-12	2.35E-12	0.00E+00	0.00E+00	0.00E+00
Tl-198m	2.83E-10	1.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-199	3.43E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-200	1.51E-08	7.56E-09	2.91E-14	1.46E-14	0.00E+00	0.00E+00	0.00E+00
Tl-201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-202	4.17E-12	2.08E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206m	1.16E-09	5.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-206	1.35E-10	6.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-207	1.27E-09	6.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-208	1.81E-06	9.06E-07	4.02E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00
Tl-209	4.96E-08	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tl-210	2.77E-07	1.39E-07	5.54E-12	2.77E-12	0.00E+00	0.00E+00	0.00E+00
Tm-161	1.24E-07	6.20E-08	4.01E-13	2.01E-13	0.00E+00	0.00E+00	0.00E+00
Tm-162	1.43E-06	7.16E-07	4.65E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00
Tm-163	4.25E-08	2.12E-08	3.16E-14	1.58E-14	0.00E+00	0.00E+00	0.00E+00
Tm-164	3.56E-07	1.78E-07	6.40E-12	3.20E-12	0.00E+00	0.00E+00	0.00E+00
Tm-165	2.64E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-166	1.87E-07	9.36E-08	2.08E-12	1.04E-12	0.00E+00	0.00E+00	0.00E+00
Tm-167	6.36E-13	3.18E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-168	7.46E-10	3.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-172	4.29E-08	2.14E-08	3.27E-15	1.64E-15	0.00E+00	0.00E+00	0.00E+00
Tm-173	1.69E-13	8.46E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tm-174	1.97E-09	9.83E-10	7.87E-17	3.93E-17	0.00E+00	0.00E+00	0.00E+00
Tm-175	5.03E-09	2.52E-09	7.14E-17	3.57E-17	0.00E+00	0.00E+00	0.00E+00
Tm-176	7.69E-07	3.85E-07	1.58E-11	7.91E-12	0.00E+00	0.00E+00	0.00E+00
U-227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-228	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230	2.29E-14	1.14E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-231	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
U-232	1.01E-14	5.03E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-233	1.82E-12	9.10E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235	1.23E-09	6.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-237	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-239	2.30E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-240	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-242	9.21E-12	4.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-47	3.73E-07	1.87E-07	5.41E-12	2.70E-12	0.00E+00	0.00E+00	0.00E+00
V-48	3.51E-08	1.76E-08	4.59E-13	2.30E-13	0.00E+00	0.00E+00	0.00E+00
V-49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-50	5.76E-08	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V-52	4.48E-08	2.24E-08	2.11E-14	1.06E-14	0.00E+00	0.00E+00	0.00E+00
V-53	4.20E-09	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-177	2.67E-09	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-179m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-187	5.15E-11	2.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-188	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W-190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-120	4.53E-10	2.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-121	1.16E-06	5.78E-07	2.42E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00
Xe-122	8.51E-14	4.25E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-123	1.06E-07	5.30E-08	9.06E-13	4.53E-13	0.00E+00	0.00E+00	0.00E+00
Xe-125	6.70E-10	3.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127	7.35E-15	3.68E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-127m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-129m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-131m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-133m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135	3.43E-12	1.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-135m	7.01E-12	3.50E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xe-137	2.32E-07	1.16E-07	5.45E-12	2.72E-12	0.00E+00	0.00E+00	0.00E+00
Xe-138	2.85E-07	1.43E-07	2.67E-12	1.33E-12	0.00E+00	0.00E+00	0.00E+00
Y-81	1.44E-13	7.21E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Y-83	3.29E-07	1.65E-07	6.90E-12	3.45E-12	0.00E+00	0.00E+00	0.00E+00
Y-83m	6.12E-13	3.06E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-84m	3.42E-08	1.71E-08	4.58E-13	2.29E-13	0.00E+00	0.00E+00	0.00E+00
Y-85	7.37E-10	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-85m	4.19E-07	2.09E-07	7.36E-12	3.68E-12	0.00E+00	0.00E+00	0.00E+00
Y-86	1.89E-07	9.43E-08	3.21E-12	1.60E-12	0.00E+00	0.00E+00	0.00E+00
Y-86m	5.46E-10	2.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87	2.19E-12	1.09E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-87m	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-88	1.85E-07	9.27E-08	6.43E-13	3.21E-13	0.00E+00	0.00E+00	0.00E+00
Y-89m	1.38E-09	6.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-90	7.40E-08	3.70E-08	1.39E-12	6.96E-13	0.00E+00	0.00E+00	0.00E+00
Y-90m	8.96E-11	4.48E-11	1.91E-15	9.56E-16	0.00E+00	0.00E+00	0.00E+00
Y-91	9.04E-09	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-91m	1.11E-11	5.54E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y-92	2.94E-08	1.47E-08	2.91E-13	1.46E-13	0.00E+00	0.00E+00	0.00E+00
Y-93	1.77E-07	8.87E-08	1.64E-12	8.22E-13	0.00E+00	0.00E+00	0.00E+00
Y-94	2.96E-07	1.48E-07	8.88E-12	4.44E-12	0.00E+00	0.00E+00	0.00E+00
Y-95	3.46E-06	1.73E-06	1.33E-10	6.64E-11	0.00E+00	0.00E+00	0.00E+00
Yb-162	2.10E-11	1.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-163	6.30E-08	3.15E-08	6.30E-14	3.15E-14	0.00E+00	0.00E+00	0.00E+00
Yb-164	9.67E-11	4.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-165	1.74E-08	8.71E-09	4.16E-14	2.08E-14	0.00E+00	0.00E+00	0.00E+00
Yb-166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-167	2.13E-09	1.07E-09	2.17E-16	1.08E-16	0.00E+00	0.00E+00	0.00E+00
Yb-169	6.39E-15	3.20E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-177	5.38E-09	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Yb-179	9.13E-11	4.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-60	7.26E-11	3.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-61	8.03E-07	4.01E-07	1.77E-11	8.87E-12	0.00E+00	0.00E+00	0.00E+00
Zn-62	1.12E-10	5.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-63	1.12E-07	5.62E-08	2.21E-12	1.11E-12	0.00E+00	0.00E+00	0.00E+00
Zn-65	6.36E-09	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69	3.81E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-69m	1.16E-12	5.81E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zn-71	1.02E-08	5.10E-09	7.10E-14	3.55E-14	0.00E+00	0.00E+00	0.00E+00
Zn-71m	4.91E-09	2.46E-09	3.14E-14	1.57E-14	0.00E+00	0.00E+00	0.00E+00
Zn-72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-85	4.16E-08	2.08E-08	3.29E-14	1.64E-14	0.00E+00	0.00E+00	0.00E+00
Zr-86	2.66E-12	1.33E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-87	2.39E-07	1.19E-07	4.48E-12	2.24E-12	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Zr-88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-89	4.43E-09	2.21E-09	2.13E-15	1.06E-15	0.00E+00	0.00E+00	0.00E+00
Zr-89m	8.68E-09	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-95	9.37E-11	4.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zr-97	7.32E-09	3.66E-09	4.74E-15	2.37E-15	0.00E+00	0.00E+00	0.00E+00

Table 6: Ground Plane Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus D

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+D	5.39E-13	2.69E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+D	1.79E-12	8.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+D	2.18E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+D	2.78E-09	1.39E-09	1.30E-17	6.49E-18	0.00E+00	0.00E+00	0.00E+00
Am-242m+D	2.42E-12	1.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243+D	1.97E-15	9.85E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+D	1.73E-08	8.65E-09	3.75E-15	1.88E-15	0.00E+00	0.00E+00	0.00E+00
At-211+D	1.11E-10	5.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m+D	1.79E-11	8.93E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+D	6.11E-09	3.06E-09	1.40E-15	7.00E-16	0.00E+00	0.00E+00	0.00E+00
Bi-213+D	9.94E-11	4.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+D	4.78E-08	2.39E-08	1.94E-13	9.70E-14	0.00E+00	0.00E+00	0.00E+00
Bi-215+D	1.01E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144+D	1.10E-07	5.50E-08	5.57E-13	2.79E-13	0.00E+00	0.00E+00	0.00E+00
Cm-247+D	3.23E-14	1.61E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+D	5.56E-07	2.78E-07	4.60E-11	2.30E-11	7.22E-15	2.17E-17	0.00E+00
Cs-137+D	1.94E-11	9.68E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+D	6.57E-10	3.29E-10	1.02E-16	5.09E-17	1.65E-20	5.12E-23	0.00E+00
Fe-60+D	5.23E-09	2.61E-09	1.87E-16	9.36E-17	0.00E+00	0.00E+00	0.00E+00
Fr-220+D	1.21E-15	6.04E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+D	1.73E-12	8.66E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+D	4.79E-09	2.40E-09	4.45E-15	2.23E-15	0.00E+00	0.00E+00	0.00E+00
Hf-172+D	8.33E-22	4.17E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+D	2.01E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+D	1.14E-08	5.70E-09	5.24E-15	2.62E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194+D	2.51E-08	1.26E-08	4.47E-14	2.24E-14	0.00E+00	0.00E+00	0.00E+00
In-114m+D	3.25E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+D	1.56E-11	7.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-235+D	2.57E-26	1.29E-26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+D	3.53E-15	1.77E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+D	2.31E-09	1.16E-09	1.57E-15	7.85E-16	0.00E+00	0.00E+00	0.00E+00
Pb-202+D	6.41E-13	3.20E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+D	3.46E-09	1.73E-09	1.00E-15	5.00E-16	0.00E+00	0.00E+00	0.00E+00
Pu-239+D	9.59E-16	4.80E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+D	2.42E-07	1.21E-07	1.98E-11	9.90E-12	3.10E-15	9.33E-18	0.00E+00
Ra-219+D	2.56E-12	1.28E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+D	5.32E-11	2.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+D	6.14E-13	3.07E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+D	8.61E-11	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+D	5.06E-08	2.53E-08	1.97E-13	9.83E-14	0.00E+00	0.00E+00	0.00E+00
Ra-228+D	3.75E-09	1.88E-09	6.92E-16	3.46E-16	0.00E+00	0.00E+00	0.00E+00
Re-186m+D	3.98E-13	1.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Rn-219+D	5.44E-13	2.72E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+D	1.16E-12	5.80E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+D	4.70E-09	2.35E-09	2.66E-14	1.33E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+D	9.11E-11	4.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+D	9.14E-09	4.57E-09	7.89E-14	3.95E-14	0.00E+00	0.00E+00	0.00E+00
Sr-90+D	3.09E-10	1.55E-10	1.60E-15	8.00E-16	0.00E+00	0.00E+00	0.00E+00
Te-118+D	6.21E-09	3.11E-09	2.70E-14	1.35E-14	0.00E+00	0.00E+00	0.00E+00
Th-229+D	5.01E-18	2.51E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+D	3.75E-09	1.88E-09	6.92E-16	3.46E-16	0.00E+00	0.00E+00	0.00E+00
Th-234+D	5.84E-09	2.92E-09	2.55E-15	1.28E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+D	3.72E-09	1.86E-09	1.30E-14	6.50E-15	0.00E+00	0.00E+00	0.00E+00
U-235+D	2.35E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+D	5.84E-09	2.92E-09	2.55E-15	1.28E-15	0.00E+00	0.00E+00	0.00E+00
W-178+D	1.91E-09	9.55E-10	4.04E-18	2.02E-18	0.00E+00	0.00E+00	0.00E+00

Table 7: 1 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus D

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+D	1.08E-12	5.39E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+D	3.76E-12	1.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+D	3.83E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+D	4.65E-09	2.33E-09	2.23E-17	1.12E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+D	4.82E-12	2.41E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243+D	5.72E-15	2.86E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+D	2.86E-08	1.43E-08	6.26E-15	3.13E-15	0.00E+00	0.00E+00	0.00E+00
At-211+D	1.92E-10	9.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m+D	5.65E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+D	1.27E-08	6.35E-09	3.00E-15	1.50E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+D	1.68E-10	8.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+D	7.90E-08	3.95E-08	3.50E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215+D	1.86E-09	9.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144+D	1.80E-07	9.00E-08	9.31E-13	4.66E-13	0.00E+00	0.00E+00	0.00E+00
Cm-247+D	3.84E-14	1.92E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+D	9.36E-07	4.68E-07	7.88E-11	3.94E-11	1.23E-14	3.70E-17	0.00E+00
Cs-137+D	3.13E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+D	1.21E-09	6.04E-10	1.70E-15	8.48E-16	2.94E-19	9.13E-22	0.00E+00
Fe-60+D	1.50E-08	7.48E-09	3.73E-15	1.86E-15	0.00E+00	0.00E+00	0.00E+00
Fr-220+D	3.43E-15	1.72E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+D	3.28E-12	1.64E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+D	1.05E-08	5.25E-09	1.23E-14	6.15E-15	0.00E+00	0.00E+00	0.00E+00
Hf-172+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+D	3.58E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+D	2.27E-08	1.14E-08	1.08E-14	5.40E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194+D	4.58E-08	2.29E-08	8.27E-14	4.14E-14	0.00E+00	0.00E+00	0.00E+00
In-114m+D	6.68E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+D	3.85E-11	1.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-235+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+D	5.90E-15	2.95E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+D	3.94E-09	1.97E-09	2.71E-15	1.36E-15	0.00E+00	0.00E+00	0.00E+00
Pb-202+D	1.34E-12	6.68E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+D	5.83E-09	2.92E-09	1.74E-15	8.70E-16	0.00E+00	0.00E+00	0.00E+00
Pu-239+D	2.82E-14	1.41E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+D	8.70E-07	4.35E-07	7.28E-11	3.64E-11	1.13E-14	3.41E-17	0.00E+00
Ra-219+D	4.91E-12	2.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+D	8.48E-11	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+D	1.13E-12	5.63E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+D	1.41E-10	7.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+D	8.36E-08	4.18E-08	3.51E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Ra-228+D	7.12E-09	3.56E-09	1.35E-15	6.75E-16	0.00E+00	0.00E+00	0.00E+00
Re-186m+D	1.18E-12	5.90E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Rn-219+D	9.43E-13	4.72E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+D	1.92E-12	9.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+D	7.90E-09	3.95E-09	5.55E-14	2.78E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+D	1.53E-10	7.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+D	1.60E-08	8.00E-09	1.71E-13	8.55E-14	0.00E+00	0.00E+00	0.00E+00
Sr-90+D	7.03E-09	3.52E-09	3.71E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00
Te-118+D	1.53E-08	7.65E-09	9.22E-14	4.61E-14	0.00E+00	0.00E+00	0.00E+00
Th-229+D	4.29E-19	2.15E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+D	7.12E-09	3.56E-09	1.35E-15	6.75E-16	0.00E+00	0.00E+00	0.00E+00
Th-234+D	1.11E-08	5.55E-09	4.97E-15	2.49E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+D	6.18E-09	3.09E-09	3.13E-14	1.57E-14	0.00E+00	0.00E+00	0.00E+00
U-235+D	4.17E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+D	1.11E-08	5.55E-09	4.97E-15	2.49E-15	0.00E+00	0.00E+00	0.00E+00
W-178+D	6.05E-09	3.03E-09	1.31E-17	6.55E-18	0.00E+00	0.00E+00	0.00E+00

Table 8: 5 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus D

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+D	1.54E-12	7.69E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+D	5.20E-12	2.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+D	5.28E-11	2.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+D	6.77E-09	3.38E-09	3.57E-17	1.78E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+D	7.07E-12	3.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243+D	9.87E-15	4.93E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+D	4.07E-08	2.04E-08	9.54E-15	4.77E-15	0.00E+00	0.00E+00	0.00E+00
At-211+D	2.80E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m+D	8.91E-11	4.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+D	1.91E-08	9.55E-09	4.85E-15	2.43E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+D	2.36E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+D	1.17E-07	5.86E-08	5.29E-13	2.65E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215+D	2.73E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144+D	2.65E-07	1.33E-07	1.42E-12	7.10E-13	0.00E+00	0.00E+00	0.00E+00
Cm-247+D	5.89E-14	2.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+D	1.43E-06	7.16E-07	1.24E-10	6.20E-11	2.01E-14	5.91E-17	0.00E+00
Cs-137+D	4.14E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+D	1.81E-09	9.03E-10	6.21E-15	3.11E-15	1.13E-18	3.41E-21	0.00E+00
Fe-60+D	2.46E-08	1.23E-08	7.61E-15	3.81E-15	0.00E+00	0.00E+00	0.00E+00
Fr-220+D	6.05E-15	3.02E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+D	4.41E-12	2.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+D	1.60E-08	8.00E-09	1.85E-14	9.25E-15	0.00E+00	0.00E+00	0.00E+00
Hf-172+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+D	5.14E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+D	3.52E-08	1.76E-08	1.76E-14	8.80E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194+D	6.96E-08	3.48E-08	1.30E-13	6.50E-14	0.00E+00	0.00E+00	0.00E+00
In-114m+D	9.80E-09	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+D	5.69E-11	2.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-235+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+D	9.17E-15	4.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+D	5.88E-09	2.94E-09	4.28E-15	2.14E-15	0.00E+00	0.00E+00	0.00E+00
Pb-202+D	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+D	8.68E-09	4.34E-09	2.79E-15	1.40E-15	0.00E+00	0.00E+00	0.00E+00
Pu-239+D	9.99E-14	5.00E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+D	1.40E-06	6.98E-07	1.20E-10	6.00E-11	1.94E-14	5.72E-17	0.00E+00
Ra-219+D	6.93E-12	3.47E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+D	1.15E-10	5.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+D	1.65E-12	8.27E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+D	1.98E-10	9.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+D	1.23E-07	6.17E-08	5.29E-13	2.65E-13	0.00E+00	0.00E+00	0.00E+00
Ra-228+D	1.07E-08	5.35E-09	2.18E-15	1.09E-15	0.00E+00	0.00E+00	0.00E+00
Re-186m+D	1.80E-12	9.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Rn-219+D	1.39E-12	6.95E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+D	2.69E-12	1.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+D	1.20E-08	6.00E-09	8.33E-14	4.17E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+D	2.19E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+D	2.45E-08	1.23E-08	2.69E-13	1.35E-13	0.00E+00	0.00E+00	0.00E+00
Sr-90+D	2.93E-08	1.47E-08	1.60E-13	8.00E-14	0.00E+00	0.00E+00	0.00E+00
Te-118+D	2.46E-08	1.23E-08	1.44E-13	7.20E-14	0.00E+00	0.00E+00	0.00E+00
Th-229+D	4.82E-19	2.41E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+D	1.07E-08	5.35E-09	2.18E-15	1.09E-15	0.00E+00	0.00E+00	0.00E+00
Th-234+D	1.70E-08	8.50E-09	8.06E-15	4.03E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+D	8.98E-09	4.49E-09	4.51E-14	2.26E-14	0.00E+00	0.00E+00	0.00E+00
U-235+D	6.74E-10	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+D	1.70E-08	8.51E-09	8.06E-15	4.03E-15	0.00E+00	0.00E+00	0.00E+00
W-178+D	1.04E-08	5.20E-09	2.51E-17	1.26E-17	0.00E+00	0.00E+00	0.00E+00

Table 9: 15 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus D

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+D	1.71E-12	8.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+D	4.62E-12	2.31E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+D	6.61E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+D	9.02E-09	4.51E-09	6.43E-17	3.22E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+D	8.82E-12	4.41E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243+D	1.50E-14	7.48E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+D	5.24E-08	2.62E-08	2.31E-14	1.16E-14	0.00E+00	0.00E+00	0.00E+00
At-211+D	3.42E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m+D	1.34E-10	6.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+D	2.56E-08	1.28E-08	7.93E-15	3.97E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+D	3.26E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+D	1.59E-07	7.96E-08	1.18E-12	5.90E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215+D	3.83E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144+D	3.57E-07	1.79E-07	3.46E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00
Cm-247+D	9.49E-14	4.75E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+D	2.05E-06	1.03E-06	1.73E-10	8.65E-11	2.97E-14	9.42E-17	0.00E+00
Cs-137+D	5.00E-11	2.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+D	2.31E-09	1.16E-09	1.22E-14	6.09E-15	2.33E-18	7.57E-21	0.00E+00
Fe-60+D	3.44E-08	1.72E-08	2.07E-14	1.03E-14	0.00E+00	0.00E+00	0.00E+00
Fr-220+D	1.13E-14	5.63E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+D	3.52E-12	1.76E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+D	2.14E-08	1.07E-08	2.96E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Hf-172+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+D	7.17E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+D	4.83E-08	2.42E-08	2.95E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Hg-194+D	9.53E-08	4.77E-08	3.07E-13	1.54E-13	0.00E+00	0.00E+00	0.00E+00
In-114m+D	1.33E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+D	7.74E-11	3.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-235+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+D	1.46E-14	7.30E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+D	8.22E-09	4.11E-09	9.89E-15	4.95E-15	0.00E+00	0.00E+00	0.00E+00
Pb-202+D	2.75E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+D	1.19E-08	5.95E-09	4.57E-15	2.29E-15	0.00E+00	0.00E+00	0.00E+00
Pu-239+D	1.66E-13	8.30E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+D	2.02E-06	1.01E-06	1.70E-10	8.50E-11	2.90E-14	9.19E-17	0.00E+00
Ra-219+D	9.19E-12	4.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+D	1.55E-10	7.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+D	2.29E-12	1.15E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+D	2.56E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+D	1.68E-07	8.39E-08	1.18E-12	5.90E-13	0.00E+00	0.00E+00	0.00E+00
Ra-228+D	1.42E-08	7.10E-09	3.59E-15	1.80E-15	0.00E+00	0.00E+00	0.00E+00
Re-186m+D	2.76E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Rn-219+D	2.01E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+D	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+D	1.71E-08	8.55E-09	1.66E-13	8.30E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+D	2.89E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+D	3.47E-08	1.74E-08	4.52E-13	2.26E-13	0.00E+00	0.00E+00	0.00E+00
Sr-90+D	5.56E-08	2.78E-08	5.50E-13	2.75E-13	0.00E+00	0.00E+00	0.00E+00
Te-118+D	3.44E-08	1.72E-08	2.41E-13	1.21E-13	0.00E+00	0.00E+00	0.00E+00
Th-229+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+D	1.42E-08	7.10E-09	3.59E-15	1.80E-15	0.00E+00	0.00E+00	0.00E+00
Th-234+D	2.29E-08	1.15E-08	1.32E-14	6.60E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+D	1.24E-08	6.20E-09	6.78E-14	3.39E-14	0.00E+00	0.00E+00	0.00E+00
U-235+D	1.01E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+D	2.29E-08	1.15E-08	1.32E-14	6.60E-15	0.00E+00	0.00E+00	0.00E+00
W-178+D	1.60E-08	8.00E-09	4.67E-17	2.34E-17	0.00E+00	0.00E+00	0.00E+00

Table 10: Infinite Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus D

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+D	2.44E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+D	6.35E-12	3.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+D	6.31E-11	3.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+D	1.10E-08	5.52E-09	1.15E-16	5.77E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+D	1.15E-11	5.74E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Am-243+D	1.61E-14	8.03E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+D	6.16E-08	3.08E-08	5.68E-14	2.84E-14	0.00E+00	0.00E+00	0.00E+00
At-211+D	4.73E-10	2.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-210m+D	1.39E-10	6.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+D	3.08E-08	1.54E-08	1.20E-14	6.00E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+D	3.33E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+D	2.01E-07	1.01E-07	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00
Bi-215+D	4.72E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ce-144+D	4.61E-07	2.31E-07	8.51E-12	4.26E-12	0.00E+00	0.00E+00	0.00E+00
Cm-247+D	1.31E-13	6.55E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+D	3.17E-06	1.59E-06	2.88E-10	1.44E-10	4.67E-14	1.83E-16	0.00E+00
Cs-137+D	5.38E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+D	3.03E-09	1.52E-09	2.22E-14	1.11E-14	4.08E-18	1.61E-20	0.00E+00
Fe-60+D	4.08E-08	2.04E-08	5.37E-14	2.69E-14	0.00E+00	0.00E+00	0.00E+00
Fr-220+D	1.59E-14	7.97E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+D	5.22E-12	2.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+D	2.48E-08	1.24E-08	5.97E-14	2.99E-14	0.00E+00	0.00E+00	0.00E+00
Hf-172+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+D	7.94E-09	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+D	5.68E-08	2.84E-08	4.56E-14	2.28E-14	0.00E+00	0.00E+00	0.00E+00
Hg-194+D	1.15E-07	5.75E-08	7.36E-13	3.68E-13	0.00E+00	0.00E+00	0.00E+00
In-114m+D	1.52E-08	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+D	1.03E-10	5.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-235+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+D	1.96E-14	9.80E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+D	1.02E-08	5.10E-09	2.37E-14	1.19E-14	0.00E+00	0.00E+00	0.00E+00
Pb-202+D	4.13E-12	2.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+D	1.40E-08	7.00E-09	6.97E-15	3.49E-15	0.00E+00	0.00E+00	0.00E+00
Pu-239+D	1.59E-13	7.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+D	3.13E-06	1.57E-06	2.82E-10	1.41E-10	4.56E-14	1.79E-16	0.00E+00
Ra-219+D	9.76E-12	4.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+D	1.13E-10	5.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+D	3.04E-12	1.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+D	2.59E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+D	2.12E-07	1.06E-07	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00
Ra-228+D	1.73E-08	8.66E-09	5.49E-15	2.75E-15	0.00E+00	0.00E+00	0.00E+00
Re-186m+D	2.44E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Rn-219+D	2.67E-12	1.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+D	4.08E-12	2.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+D	2.44E-08	1.22E-08	4.32E-13	2.16E-13	0.00E+00	0.00E+00	0.00E+00
Si-32+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+D	3.46E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+D	5.01E-08	2.51E-08	1.11E-12	5.55E-13	0.00E+00	0.00E+00	0.00E+00
Sr-90+D	7.40E-08	3.70E-08	1.39E-12	6.95E-13	0.00E+00	0.00E+00	0.00E+00
Te-118+D	4.34E-08	2.17E-08	5.59E-13	2.80E-13	0.00E+00	0.00E+00	0.00E+00
Th-229+D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+D	1.73E-08	8.66E-09	5.49E-15	2.75E-15	0.00E+00	0.00E+00	0.00E+00
Th-234+D	2.70E-08	1.35E-08	1.98E-14	9.90E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+D	1.52E-08	7.60E-09	1.56E-13	7.80E-14	0.00E+00	0.00E+00	0.00E+00
U-235+D	1.23E-09	6.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+D	2.70E-08	1.35E-08	1.98E-14	9.91E-15	0.00E+00	0.00E+00	0.00E+00
W-178+D	1.97E-08	9.85E-09	7.22E-17	3.61E-17	0.00E+00	0.00E+00	0.00E+00

Table 11: Ground Plane Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus E

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+E	5.39E-13	2.69E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+E	3.67E-10	1.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227+E	4.25E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+E	2.18E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+E	2.78E-09	1.39E-09	1.30E-17	6.49E-18	0.00E+00	0.00E+00	0.00E+00
Am-242m+E	1.15E-11	5.74E-12	9.05E-16	4.53E-16	1.72E-19	5.45E-22	0.00E+00
Am-243+E	1.97E-15	9.85E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+E	1.73E-08	8.65E-09	3.75E-15	1.88E-15	0.00E+00	0.00E+00	0.00E+00
At-211+E	1.11E-10	5.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-128+E	1.47E-08	7.35E-09	8.46E-14	4.23E-14	0.00E+00	0.00E+00	0.00E+00
Bi-210m+E	1.79E-11	8.93E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+E	6.11E-09	3.06E-09	1.40E-15	7.00E-16	0.00E+00	0.00E+00	0.00E+00
Bi-213+E	9.94E-11	4.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+E	4.78E-08	2.39E-08	1.94E-13	9.70E-14	0.00E+00	0.00E+00	0.00E+00
Bi-215+E	1.01E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216+E	8.92E-11	4.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-118+E	7.93E-09	3.97E-09	9.85E-15	4.93E-15	0.00E+00	0.00E+00	0.00E+00
Ce-134+E	2.08E-08	1.04E-08	1.03E-13	5.15E-14	0.00E+00	0.00E+00	0.00E+00
Ce-144+E	1.10E-07	5.50E-08	5.57E-13	2.79E-13	0.00E+00	0.00E+00	0.00E+00
Cl-34m+E	5.72E-07	2.86E-07	1.07E-11	5.35E-12	0.00E+00	0.00E+00	0.00E+00
Cm-245+E	1.48E-13	7.40E-14	1.37E-17	6.85E-18	2.44E-21	7.59E-24	0.00E+00
Cm-247+E	3.23E-14	1.61E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+E	5.71E-07	2.86E-07	4.74E-11	2.37E-11	7.47E-15	2.25E-17	0.00E+00
Cs-137+E	1.94E-11	9.68E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+E	6.57E-10	3.29E-10	1.02E-16	5.09E-17	1.65E-20	5.12E-23	0.00E+00
Fe-60+E	5.23E-09	2.61E-09	1.87E-16	9.36E-17	0.00E+00	0.00E+00	0.00E+00
Fr-220+E	2.30E-15	1.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+E	1.73E-12	8.66E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+E	4.79E-09	2.40E-09	4.45E-15	2.23E-15	0.00E+00	0.00E+00	0.00E+00
Hf-172+E	8.33E-22	4.17E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+E	2.01E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+E	1.14E-08	5.70E-09	5.24E-15	2.62E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194+E	2.51E-08	1.26E-08	4.47E-14	2.24E-14	0.00E+00	0.00E+00	0.00E+00
In-114m+E	3.25E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192m+E	2.83E-12	1.42E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+E	1.56E-11	7.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28+E	6.41E-08	3.20E-08	2.88E-14	1.44E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140+E	6.02E-09	3.01E-09	2.51E-14	1.26E-14	0.00E+00	0.00E+00	0.00E+00
Ni-66+E	9.50E-10	4.75E-10	3.15E-18	1.58E-18	0.00E+00	0.00E+00	0.00E+00
Np-235+E	2.57E-26	1.29E-26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+E	3.53E-15	1.77E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+E	2.31E-09	1.16E-09	1.57E-15	7.85E-16	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-231+E	4.25E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202+E	6.41E-13	3.20E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210+E	1.68E-15	8.40E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-103+E	7.29E-17	3.65E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+E	3.46E-09	1.73E-09	1.00E-15	5.00E-16	0.00E+00	0.00E+00	0.00E+00
Pu-239+E	9.59E-16	4.80E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+E	2.42E-07	1.21E-07	1.98E-11	9.90E-12	3.10E-15	9.33E-18	0.00E+00
Pu-246+E	1.81E-09	9.05E-10	4.16E-16	2.08E-16	0.00E+00	0.00E+00	0.00E+00
Ra-219+E	2.56E-12	1.28E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+E	5.32E-11	2.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-222+E	8.05E-11	4.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+E	4.25E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+E	8.61E-11	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+E	5.06E-08	2.53E-08	1.97E-13	9.83E-14	0.00E+00	0.00E+00	0.00E+00
Ra-228+E	3.75E-09	1.88E-09	6.92E-16	3.46E-16	0.00E+00	0.00E+00	0.00E+00
Rb-81+E	4.24E-10	2.12E-10	2.58E-17	1.29E-17	0.00E+00	0.00E+00	0.00E+00
Rb-83+E	2.62E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m+E	3.98E-13	1.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219+E	5.44E-13	2.72E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220+E	8.61E-11	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+E	1.16E-12	5.80E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-103+E	9.98E-13	4.99E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+E	4.70E-09	2.35E-09	2.66E-14	1.33E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113+E	1.02E-14	5.09E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+E	9.11E-11	4.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+E	9.14E-09	4.57E-09	7.89E-14	3.95E-14	0.00E+00	0.00E+00	0.00E+00
Sr-90+E	3.09E-10	1.55E-10	1.60E-15	8.00E-16	0.00E+00	0.00E+00	0.00E+00
Te-118+E	6.21E-09	3.11E-09	2.70E-14	1.35E-14	0.00E+00	0.00E+00	0.00E+00
Te-129m+E	1.08E-10	5.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229+E	3.67E-10	1.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+E	1.60E-07	7.98E-08	1.26E-12	6.28E-13	0.00E+00	0.00E+00	0.00E+00
Th-234+E	5.82E-09	2.91E-09	2.54E-15	1.27E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+E	3.72E-09	1.86E-09	1.30E-14	6.50E-15	0.00E+00	0.00E+00	0.00E+00
U-228+E	3.11E-13	1.55E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230+E	8.05E-11	4.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235+E	2.35E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+E	5.83E-09	2.92E-09	2.55E-15	1.27E-15	0.00E+00	0.00E+00	0.00E+00
W-178+E	1.91E-09	9.55E-10	4.04E-18	2.02E-18	0.00E+00	0.00E+00	0.00E+00
Xe-122+E	2.52E-08	1.26E-08	1.82E-13	9.10E-14	0.00E+00	0.00E+00	0.00E+00
Zr-93+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 12: 1 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus E

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+E	1.08E-12	5.39E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+E	6.23E-10	3.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227+E	7.34E-10	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+E	3.83E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+E	4.65E-09	2.33E-09	2.23E-17	1.12E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+E	2.28E-10	1.14E-10	2.24E-14	1.12E-14	4.30E-18	1.37E-20	0.00E+00
Am-243+E	5.72E-15	2.86E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+E	2.86E-08	1.43E-08	6.26E-15	3.13E-15	0.00E+00	0.00E+00	0.00E+00
At-211+E	1.92E-10	9.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-128+E	2.80E-08	1.40E-08	1.95E-13	9.75E-14	0.00E+00	0.00E+00	0.00E+00
Bi-210m+E	5.65E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+E	1.27E-08	6.35E-09	3.00E-15	1.50E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+E	1.68E-10	8.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+E	7.90E-08	3.95E-08	3.50E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215+E	1.86E-09	9.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216+E	1.46E-10	7.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-118+E	1.31E-08	6.55E-09	1.65E-14	8.25E-15	0.00E+00	0.00E+00	0.00E+00
Ce-134+E	4.73E-08	2.37E-08	3.04E-13	1.52E-13	0.00E+00	0.00E+00	0.00E+00
Ce-144+E	1.80E-07	9.00E-08	9.31E-13	4.66E-13	0.00E+00	0.00E+00	0.00E+00
Cl-34m+E	9.48E-07	4.74E-07	2.11E-11	1.06E-11	0.00E+00	0.00E+00	0.00E+00
Cm-245+E	6.47E-13	3.24E-13	6.06E-17	3.03E-17	1.08E-20	3.37E-23	0.00E+00
Cm-247+E	3.84E-14	1.92E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+E	1.00E-06	5.01E-07	8.51E-11	4.26E-11	1.34E-14	4.06E-17	0.00E+00
Cs-137+E	3.13E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+E	1.21E-09	6.04E-10	1.70E-15	8.48E-16	2.94E-19	9.13E-22	0.00E+00
Fe-60+E	1.50E-08	7.48E-09	3.73E-15	1.86E-15	0.00E+00	0.00E+00	0.00E+00
Fr-220+E	5.30E-15	2.65E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+E	3.28E-12	1.64E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+E	1.05E-08	5.25E-09	1.23E-14	6.15E-15	0.00E+00	0.00E+00	0.00E+00
Hf-172+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+E	3.58E-09	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+E	2.27E-08	1.14E-08	1.08E-14	5.40E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194+E	4.58E-08	2.29E-08	8.27E-14	4.14E-14	0.00E+00	0.00E+00	0.00E+00
In-114m+E	6.68E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192m+E	4.87E-12	2.44E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+E	3.85E-11	1.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28+E	1.06E-07	5.31E-08	4.89E-14	2.44E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140+E	2.30E-08	1.15E-08	1.16E-13	5.80E-14	0.00E+00	0.00E+00	0.00E+00
Ni-66+E	1.61E-09	8.05E-10	5.40E-18	2.70E-18	0.00E+00	0.00E+00	0.00E+00
Np-235+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+E	5.90E-15	2.95E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+E	3.94E-09	1.97E-09	2.71E-15	1.36E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-231+E	7.34E-10	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202+E	1.34E-12	6.68E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210+E	3.77E-16	1.89E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-103+E	8.93E-16	4.47E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+E	5.83E-09	2.92E-09	1.74E-15	8.70E-16	0.00E+00	0.00E+00	0.00E+00
Pu-239+E	2.82E-14	1.41E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+E	8.70E-07	4.35E-07	7.28E-11	3.64E-11	1.13E-14	3.41E-17	0.00E+00
Pu-246+E	3.28E-09	1.64E-09	7.61E-16	3.81E-16	0.00E+00	0.00E+00	0.00E+00
Ra-219+E	4.91E-12	2.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+E	8.48E-11	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-222+E	1.30E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+E	7.33E-10	3.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+E	1.41E-10	7.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+E	8.36E-08	4.18E-08	3.51E-13	1.75E-13	0.00E+00	0.00E+00	0.00E+00
Ra-228+E	7.12E-09	3.56E-09	1.35E-15	6.75E-16	0.00E+00	0.00E+00	0.00E+00
Rb-81+E	1.06E-09	5.30E-10	6.63E-17	3.32E-17	0.00E+00	0.00E+00	0.00E+00
Rb-83+E	5.56E-12	2.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m+E	1.18E-12	5.90E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219+E	9.43E-13	4.72E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220+E	1.41E-10	7.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+E	1.92E-12	9.60E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-103+E	1.66E-12	8.30E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+E	7.90E-09	3.95E-09	5.55E-14	2.78E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113+E	4.30E-15	2.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+E	1.53E-10	7.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+E	1.60E-08	8.00E-09	1.71E-13	8.55E-14	0.00E+00	0.00E+00	0.00E+00
Sr-90+E	7.03E-09	3.52E-09	3.71E-14	1.86E-14	0.00E+00	0.00E+00	0.00E+00
Te-118+E	1.53E-08	7.65E-09	9.22E-14	4.61E-14	0.00E+00	0.00E+00	0.00E+00
Te-129m+E	2.79E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229+E	6.23E-10	3.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+E	2.68E-07	1.34E-07	2.92E-12	1.46E-12	0.00E+00	0.00E+00	0.00E+00
Th-234+E	1.11E-08	5.53E-09	4.96E-15	2.48E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+E	6.18E-09	3.09E-09	3.13E-14	1.57E-14	0.00E+00	0.00E+00	0.00E+00
U-228+E	5.35E-13	2.68E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230+E	1.30E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235+E	4.17E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+E	1.11E-08	5.54E-09	4.96E-15	2.48E-15	0.00E+00	0.00E+00	0.00E+00
W-178+E	6.05E-09	3.03E-09	1.31E-17	6.55E-18	0.00E+00	0.00E+00	0.00E+00
Xe-122+E	4.71E-08	2.36E-08	4.63E-13	2.32E-13	0.00E+00	0.00E+00	0.00E+00
Zr-93+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 13: 5 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus E

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+E	1.54E-12	7.69E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+E	8.91E-10	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227+E	1.07E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+E	5.28E-11	2.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+E	6.77E-09	3.38E-09	3.57E-17	1.78E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+E	9.95E-10	4.97E-10	1.01E-13	5.06E-14	2.02E-17	6.30E-20	0.00E+00
Am-243+E	9.87E-15	4.93E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+E	4.07E-08	2.04E-08	9.54E-15	4.77E-15	0.00E+00	0.00E+00	0.00E+00
At-211+E	2.80E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-128+E	4.37E-08	2.19E-08	3.03E-13	1.52E-13	0.00E+00	0.00E+00	0.00E+00
Bi-210m+E	8.91E-11	4.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+E	1.91E-08	9.55E-09	4.85E-15	2.43E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+E	2.36E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+E	1.17E-07	5.86E-08	5.29E-13	2.65E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215+E	2.73E-09	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216+E	2.05E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-118+E	1.94E-08	9.70E-09	2.56E-14	1.28E-14	0.00E+00	0.00E+00	0.00E+00
Ce-134+E	7.83E-08	3.92E-08	5.01E-13	2.51E-13	0.00E+00	0.00E+00	0.00E+00
Ce-144+E	2.65E-07	1.33E-07	1.42E-12	7.10E-13	0.00E+00	0.00E+00	0.00E+00
Cl-34m+E	1.41E-06	7.05E-07	3.39E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00
Cm-245+E	1.16E-12	5.80E-13	1.12E-16	5.60E-17	2.08E-20	6.34E-23	0.00E+00
Cm-247+E	5.89E-14	2.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+E	1.54E-06	7.72E-07	1.35E-10	6.75E-11	2.21E-14	6.54E-17	0.00E+00
Cs-137+E	4.14E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+E	1.81E-09	9.03E-10	6.21E-15	3.11E-15	1.13E-18	3.41E-21	0.00E+00
Fe-60+E	2.46E-08	1.23E-08	7.61E-15	3.81E-15	0.00E+00	0.00E+00	0.00E+00
Fr-220+E	8.92E-15	4.46E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+E	4.41E-12	2.21E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+E	1.60E-08	8.00E-09	1.85E-14	9.25E-15	0.00E+00	0.00E+00	0.00E+00
Hf-172+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+E	5.14E-09	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+E	3.52E-08	1.76E-08	1.76E-14	8.80E-15	0.00E+00	0.00E+00	0.00E+00
Hg-194+E	6.96E-08	3.48E-08	1.30E-13	6.50E-14	0.00E+00	0.00E+00	0.00E+00
In-114m+E	9.80E-09	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192m+E	6.91E-12	3.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+E	5.69E-11	2.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28+E	1.57E-07	7.86E-08	7.61E-14	3.81E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140+E	5.38E-08	2.69E-08	2.74E-13	1.37E-13	0.00E+00	0.00E+00	0.00E+00
Ni-66+E	2.32E-09	1.16E-09	8.69E-18	4.35E-18	0.00E+00	0.00E+00	0.00E+00
Np-235+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+E	9.17E-15	4.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+E	5.88E-09	2.94E-09	4.28E-15	2.14E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-231+E	1.07E-09	5.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202+E	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210+E	3.54E-16	1.77E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-103+E	3.83E-15	1.92E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+E	8.68E-09	4.34E-09	2.79E-15	1.40E-15	0.00E+00	0.00E+00	0.00E+00
Pu-239+E	9.99E-14	5.00E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+E	1.40E-06	6.98E-07	1.20E-10	6.00E-11	1.94E-14	5.72E-17	0.00E+00
Pu-246+E	4.83E-09	2.42E-09	1.21E-15	6.05E-16	0.00E+00	0.00E+00	0.00E+00
Ra-219+E	6.93E-12	3.47E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+E	1.15E-10	5.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-222+E	1.80E-10	8.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+E	1.07E-09	5.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+E	1.98E-10	9.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+E	1.23E-07	6.17E-08	5.29E-13	2.65E-13	0.00E+00	0.00E+00	0.00E+00
Ra-228+E	1.07E-08	5.35E-09	2.18E-15	1.09E-15	0.00E+00	0.00E+00	0.00E+00
Rb-81+E	1.59E-09	7.95E-10	1.09E-16	5.45E-17	0.00E+00	0.00E+00	0.00E+00
Rb-83+E	7.56E-12	3.78E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m+E	1.80E-12	9.00E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219+E	1.39E-12	6.95E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220+E	1.98E-10	9.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+E	2.69E-12	1.35E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-103+E	2.34E-12	1.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+E	1.20E-08	6.00E-09	8.33E-14	4.17E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113+E	1.16E-14	5.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+E	2.19E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+E	2.45E-08	1.23E-08	2.69E-13	1.35E-13	0.00E+00	0.00E+00	0.00E+00
Sr-90+E	2.93E-08	1.47E-08	1.60E-13	8.00E-14	0.00E+00	0.00E+00	0.00E+00
Te-118+E	2.46E-08	1.23E-08	1.44E-13	7.20E-14	0.00E+00	0.00E+00	0.00E+00
Te-129m+E	4.37E-10	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229+E	8.91E-10	4.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+E	3.93E-07	1.96E-07	4.06E-12	2.03E-12	0.00E+00	0.00E+00	0.00E+00
Th-234+E	1.69E-08	8.47E-09	8.04E-15	4.02E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+E	8.98E-09	4.49E-09	4.51E-14	2.26E-14	0.00E+00	0.00E+00	0.00E+00
U-228+E	8.24E-13	4.12E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230+E	1.80E-10	8.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235+E	6.74E-10	3.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+E	1.70E-08	8.49E-09	8.05E-15	4.02E-15	0.00E+00	0.00E+00	0.00E+00
W-178+E	1.04E-08	5.20E-09	2.51E-17	1.26E-17	0.00E+00	0.00E+00	0.00E+00
Xe-122+E	7.32E-08	3.66E-08	7.02E-13	3.51E-13	0.00E+00	0.00E+00	0.00E+00
Zr-93+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 14: 15 cm Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus E

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+E	1.71E-12	8.57E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+E	1.19E-09	5.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227+E	1.32E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+E	6.61E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+E	9.02E-09	4.51E-09	6.43E-17	3.22E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+E	2.09E-09	1.05E-09	2.12E-13	1.06E-13	4.46E-17	1.47E-19	0.00E+00
Am-243+E	1.50E-14	7.48E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+E	5.24E-08	2.62E-08	2.31E-14	1.16E-14	0.00E+00	0.00E+00	0.00E+00
At-211+E	3.42E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-128+E	6.27E-08	3.14E-08	6.23E-13	3.12E-13	0.00E+00	0.00E+00	0.00E+00
Bi-210m+E	1.34E-10	6.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+E	2.56E-08	1.28E-08	7.93E-15	3.97E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+E	3.26E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+E	1.59E-07	7.96E-08	1.18E-12	5.90E-13	0.00E+00	0.00E+00	0.00E+00
Bi-215+E	3.83E-09	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216+E	2.61E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-118+E	2.63E-08	1.32E-08	5.80E-14	2.90E-14	0.00E+00	0.00E+00	0.00E+00
Ce-134+E	1.11E-07	5.55E-08	8.64E-13	4.32E-13	0.00E+00	0.00E+00	0.00E+00
Ce-144+E	3.57E-07	1.79E-07	3.46E-12	1.73E-12	0.00E+00	0.00E+00	0.00E+00
Cl-34m+E	1.91E-06	9.55E-07	4.15E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00
Cm-245+E	2.10E-12	1.05E-12	1.99E-16	9.95E-17	3.88E-20	1.27E-22	0.00E+00
Cm-247+E	9.49E-14	4.75E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+E	2.22E-06	1.11E-06	1.89E-10	9.44E-11	3.28E-14	1.04E-16	0.00E+00
Cs-137+E	5.00E-11	2.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+E	2.31E-09	1.16E-09	1.22E-14	6.09E-15	2.33E-18	7.57E-21	0.00E+00
Fe-60+E	3.44E-08	1.72E-08	2.07E-14	1.03E-14	0.00E+00	0.00E+00	0.00E+00
Fr-220+E	1.58E-14	7.90E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+E	3.52E-12	1.76E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+E	2.14E-08	1.07E-08	2.96E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Hf-172+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+E	7.17E-09	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+E	4.83E-08	2.42E-08	2.95E-14	1.48E-14	0.00E+00	0.00E+00	0.00E+00
Hg-194+E	9.53E-08	4.77E-08	3.07E-13	1.54E-13	0.00E+00	0.00E+00	0.00E+00
In-114m+E	1.33E-08	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192m+E	8.12E-12	4.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+E	7.74E-11	3.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28+E	2.02E-07	1.01E-07	1.18E-13	5.91E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140+E	8.76E-08	4.38E-08	6.53E-13	3.27E-13	0.00E+00	0.00E+00	0.00E+00
Ni-66+E	3.02E-09	1.51E-09	1.41E-17	7.05E-18	0.00E+00	0.00E+00	0.00E+00
Np-235+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+E	1.46E-14	7.30E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+E	8.22E-09	4.11E-09	9.89E-15	4.95E-15	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-231+E	1.32E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202+E	2.75E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210+E	9.84E-20	4.92E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-103+E	8.64E-15	4.32E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+E	1.19E-08	5.95E-09	4.57E-15	2.29E-15	0.00E+00	0.00E+00	0.00E+00
Pu-239+E	1.66E-13	8.30E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+E	2.02E-06	1.01E-06	1.70E-10	8.50E-11	2.90E-14	9.19E-17	0.00E+00
Pu-246+E	6.46E-09	3.23E-09	2.50E-15	1.25E-15	0.00E+00	0.00E+00	0.00E+00
Ra-219+E	9.19E-12	4.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+E	1.55E-10	7.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-222+E	2.27E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+E	1.32E-09	6.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+E	2.56E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+E	1.68E-07	8.39E-08	1.18E-12	5.90E-13	0.00E+00	0.00E+00	0.00E+00
Ra-228+E	1.42E-08	7.10E-09	3.59E-15	1.80E-15	0.00E+00	0.00E+00	0.00E+00
Rb-81+E	2.19E-09	1.10E-09	1.83E-16	9.15E-17	0.00E+00	0.00E+00	0.00E+00
Rb-83+E	7.52E-12	3.76E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m+E	2.76E-12	1.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219+E	2.01E-12	1.01E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220+E	2.56E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+E	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-103+E	2.62E-12	1.31E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+E	1.71E-08	8.55E-09	1.66E-13	8.30E-14	0.00E+00	0.00E+00	0.00E+00
Si-32+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113+E	1.39E-14	6.95E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+E	2.89E-10	1.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+E	3.47E-08	1.74E-08	4.52E-13	2.26E-13	0.00E+00	0.00E+00	0.00E+00
Sr-90+E	5.56E-08	2.78E-08	5.50E-13	2.75E-13	0.00E+00	0.00E+00	0.00E+00
Te-118+E	3.44E-08	1.72E-08	2.41E-13	1.21E-13	0.00E+00	0.00E+00	0.00E+00
Te-129m+E	6.15E-10	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229+E	1.19E-09	5.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+E	5.25E-07	2.62E-07	6.44E-12	3.22E-12	0.00E+00	0.00E+00	0.00E+00
Th-234+E	2.28E-08	1.14E-08	1.32E-14	6.58E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+E	1.24E-08	6.20E-09	6.78E-14	3.39E-14	0.00E+00	0.00E+00	0.00E+00
U-228+E	1.31E-12	6.55E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230+E	2.27E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235+E	1.01E-09	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+E	2.29E-08	1.14E-08	1.32E-14	6.59E-15	0.00E+00	0.00E+00	0.00E+00
W-178+E	1.60E-08	8.00E-09	4.67E-17	2.34E-17	0.00E+00	0.00E+00	0.00E+00
Xe-122+E	1.04E-07	5.20E-08	1.16E-12	5.80E-13	0.00E+00	0.00E+00	0.00E+00
Zr-93+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 15: Infinite Soil Contamination with 200 cm to 1000 cm of Clean Cover Soil Plus E

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Ac-223+E	2.44E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-225+E	1.38E-09	6.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ac-227+E	1.76E-09	8.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-108m+E	6.31E-11	3.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ag-110m+E	1.10E-08	5.52E-09	1.15E-16	5.77E-17	0.00E+00	0.00E+00	0.00E+00
Am-242m+E	3.44E-09	1.72E-09	3.74E-13	1.87E-13	7.65E-17	3.00E-19	0.00E+00
Am-243+E	1.61E-14	8.03E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ar-42+E	6.16E-08	3.08E-08	5.68E-14	2.84E-14	0.00E+00	0.00E+00	0.00E+00
At-211+E	4.73E-10	2.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ba-128+E	9.03E-08	4.52E-08	1.64E-12	8.20E-13	0.00E+00	0.00E+00	0.00E+00
Bi-210m+E	1.39E-10	6.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-212+E	3.08E-08	1.54E-08	1.20E-14	6.00E-15	0.00E+00	0.00E+00	0.00E+00
Bi-213+E	3.33E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-214+E	2.01E-07	1.01E-07	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00
Bi-215+E	4.72E-09	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bi-216+E	2.67E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cd-118+E	3.01E-08	1.51E-08	1.34E-13	6.70E-14	0.00E+00	0.00E+00	0.00E+00
Ce-134+E	1.45E-07	7.25E-08	2.04E-12	1.02E-12	0.00E+00	0.00E+00	0.00E+00
Ce-144+E	4.61E-07	2.31E-07	8.51E-12	4.26E-12	0.00E+00	0.00E+00	0.00E+00
Cl-34m+E	2.59E-06	1.30E-06	8.19E-11	4.10E-11	0.00E+00	0.00E+00	0.00E+00
Cm-245+E	3.94E-12	1.97E-12	4.00E-16	2.00E-16	7.56E-20	2.97E-22	0.00E+00
Cm-247+E	1.31E-13	6.55E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cm-250+E	3.43E-06	1.71E-06	3.14E-10	1.57E-10	5.18E-14	2.03E-16	0.00E+00
Cs-137+E	5.38E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Es-254+E	3.03E-09	1.52E-09	2.22E-14	1.11E-14	4.08E-18	1.61E-20	0.00E+00
Fe-60+E	4.08E-08	2.04E-08	5.37E-14	2.69E-14	0.00E+00	0.00E+00	0.00E+00
Fr-220+E	2.22E-14	1.11E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fr-221+E	5.22E-12	2.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ge-68+E	2.48E-08	1.24E-08	5.97E-14	2.99E-14	0.00E+00	0.00E+00	0.00E+00
Hf-172+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hf-182+E	7.94E-09	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hg-193+E	5.68E-08	2.84E-08	4.56E-14	2.28E-14	0.00E+00	0.00E+00	0.00E+00
Hg-194+E	1.15E-07	5.75E-08	7.36E-13	3.68E-13	0.00E+00	0.00E+00	0.00E+00
In-114m+E	1.52E-08	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ir-192m+E	1.11E-11	5.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Kr-76+E	1.03E-10	5.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mg-28+E	2.23E-07	1.11E-07	1.65E-13	8.27E-14	0.00E+00	0.00E+00	0.00E+00
Nd-140+E	1.13E-07	5.65E-08	1.58E-12	7.90E-13	0.00E+00	0.00E+00	0.00E+00
Ni-66+E	3.67E-09	1.84E-09	2.09E-17	1.05E-17	0.00E+00	0.00E+00	0.00E+00
Np-235+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Np-237+E	1.96E-14	9.80E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Os-194+E	1.02E-08	5.10E-09	2.37E-14	1.19E-14	0.00E+00	0.00E+00	0.00E+00

Nuclide	200 cm	300 cm	400 cm	500 cm	600 cm	800 cm	1000 cm
Pa-231+E	1.76E-09	8.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-202+E	4.13E-12	2.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pb-210+E	9.73E-20	4.86E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pd-103+E	1.12E-14	5.60E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pt-202+E	1.40E-08	7.00E-09	6.97E-15	3.49E-15	0.00E+00	0.00E+00	0.00E+00
Pu-239+E	1.59E-13	7.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pu-244+E	3.13E-06	1.57E-06	2.82E-10	1.41E-10	4.56E-14	1.79E-16	0.00E+00
Pu-246+E	7.69E-09	3.85E-09	5.33E-15	2.67E-15	0.00E+00	0.00E+00	0.00E+00
Ra-219+E	9.76E-12	4.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-221+E	1.13E-10	5.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-222+E	2.12E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-223+E	1.76E-09	8.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-224+E	2.59E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226+E	2.12E-07	1.06E-07	2.89E-12	1.45E-12	0.00E+00	0.00E+00	0.00E+00
Ra-228+E	1.73E-08	8.66E-09	5.49E-15	2.75E-15	0.00E+00	0.00E+00	0.00E+00
Rb-81+E	2.81E-09	1.41E-09	2.95E-16	1.48E-16	0.00E+00	0.00E+00	0.00E+00
Rb-83+E	9.19E-12	4.60E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Re-186m+E	2.44E-12	1.22E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-219+E	2.67E-12	1.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-220+E	2.59E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Rn-222+E	4.08E-12	2.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-103+E	3.69E-12	1.85E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ru-106+E	2.44E-08	1.22E-08	4.32E-13	2.16E-13	0.00E+00	0.00E+00	0.00E+00
Si-32+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-113+E	1.50E-14	7.50E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-121m+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sn-126+E	3.46E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Sr-82+E	5.01E-08	2.51E-08	1.11E-12	5.55E-13	0.00E+00	0.00E+00	0.00E+00
Sr-90+E	7.40E-08	3.70E-08	1.39E-12	6.95E-13	0.00E+00	0.00E+00	0.00E+00
Te-118+E	4.34E-08	2.17E-08	5.59E-13	2.80E-13	0.00E+00	0.00E+00	0.00E+00
Te-129m+E	7.28E-10	3.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-229+E	1.38E-09	6.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Th-232+E	6.98E-07	3.49E-07	1.44E-11	7.22E-12	0.00E+00	0.00E+00	0.00E+00
Th-234+E	2.69E-08	1.35E-08	1.97E-14	9.87E-15	0.00E+00	0.00E+00	0.00E+00
Ti-44+E	1.52E-08	7.60E-09	1.56E-13	7.80E-14	0.00E+00	0.00E+00	0.00E+00
U-228+E	1.80E-12	8.98E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-230+E	2.12E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-235+E	1.23E-09	6.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U-238+E	2.70E-08	1.35E-08	1.98E-14	9.89E-15	0.00E+00	0.00E+00	0.00E+00
W-178+E	1.97E-08	9.85E-09	7.22E-17	3.61E-17	0.00E+00	0.00E+00	0.00E+00
Xe-122+E	1.49E-07	7.45E-08	2.84E-12	1.42E-12	0.00E+00	0.00E+00	0.00E+00
Zr-93+E	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00