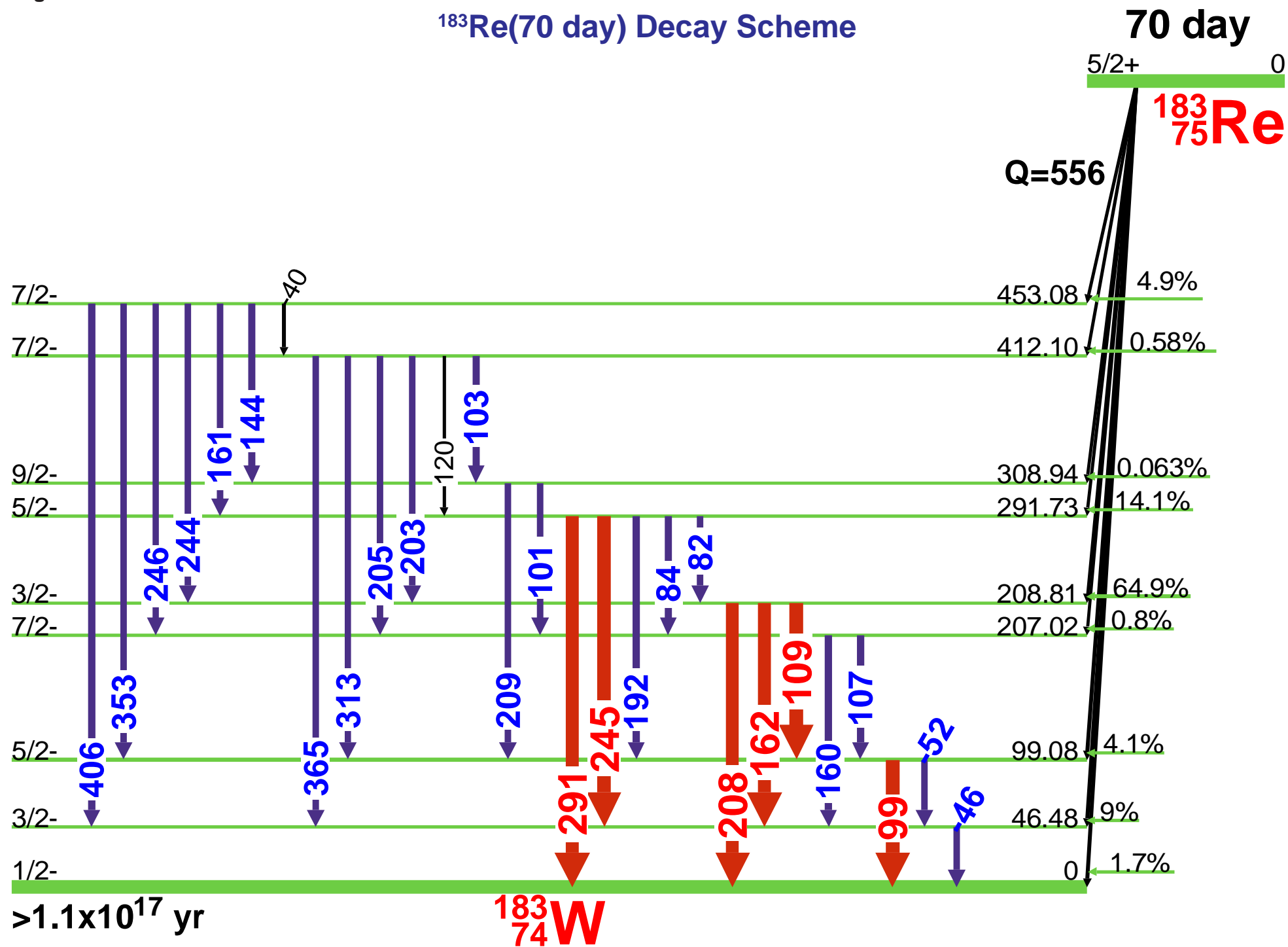


^{183}Re (70 day) Decay Scheme

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{183}Re

Half Life: 70.0(14) day

Detector: 2.5 cm² x 8 mm Ge (Li)Method of Production: $^{184}\text{W}(p,2n)$

E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
40.976	0.001		0.026	0.007	4
46.484	0.001	34.24	7.97	0.21	3
52.596	0.001	9.71	2.21	0.08	4
82.918	0.002	1.36	0.294	0.015	3
84.713	0.002	4.27	0.97	0.04	2
99.080	0.001	11.49	2.69	0.07	1
101.928	0.004	0.069	0.0163	0.0008	4
103.158	0.004	0.034	0.0084	0.0019	4
107.935	0.001	9.47	2.17	0.06	2
109.730	0.001	12.1	2.87	0.08	1
120.373	0.002		0.014	0.007	4
144.134	0.004	0.59	0.117	0.003	4
160.531	0.002	2.87	0.594	0.019	3
161.349	0.002	2.9	0.61	0.14	3
162.327	0.001	100.	23.3	0.7	1
192.648	0.002	1.14	0.260	0.008	4
203.290	0.002	0.15	0.0447	0.0027	3
205.086	0.002	0.42	0.110	0.004	3
208.811	0.001	12.64	2.95	0.08	1
209.862	0.004	1.0	0.261	0.009	4
244.266	0.002	1.70	0.408	0.013	2
245.244	0.002	1.03	0.245	0.019	1
246.062	0.002	5.5	1.31	0.05	4
291.728	0.002	13.1	3.05	0.18	1
313.020	0.002	1.75	0.415	0.013	2
353.996	0.002	2.30	0.536	0.015	2
365.617	0.002	0.34	0.079	0.004	4
406.593	0.002	0.10	0.028	0.004	4

 E_γ , σE_γ , I_γ , σI_γ - 1998 ENSDF Data