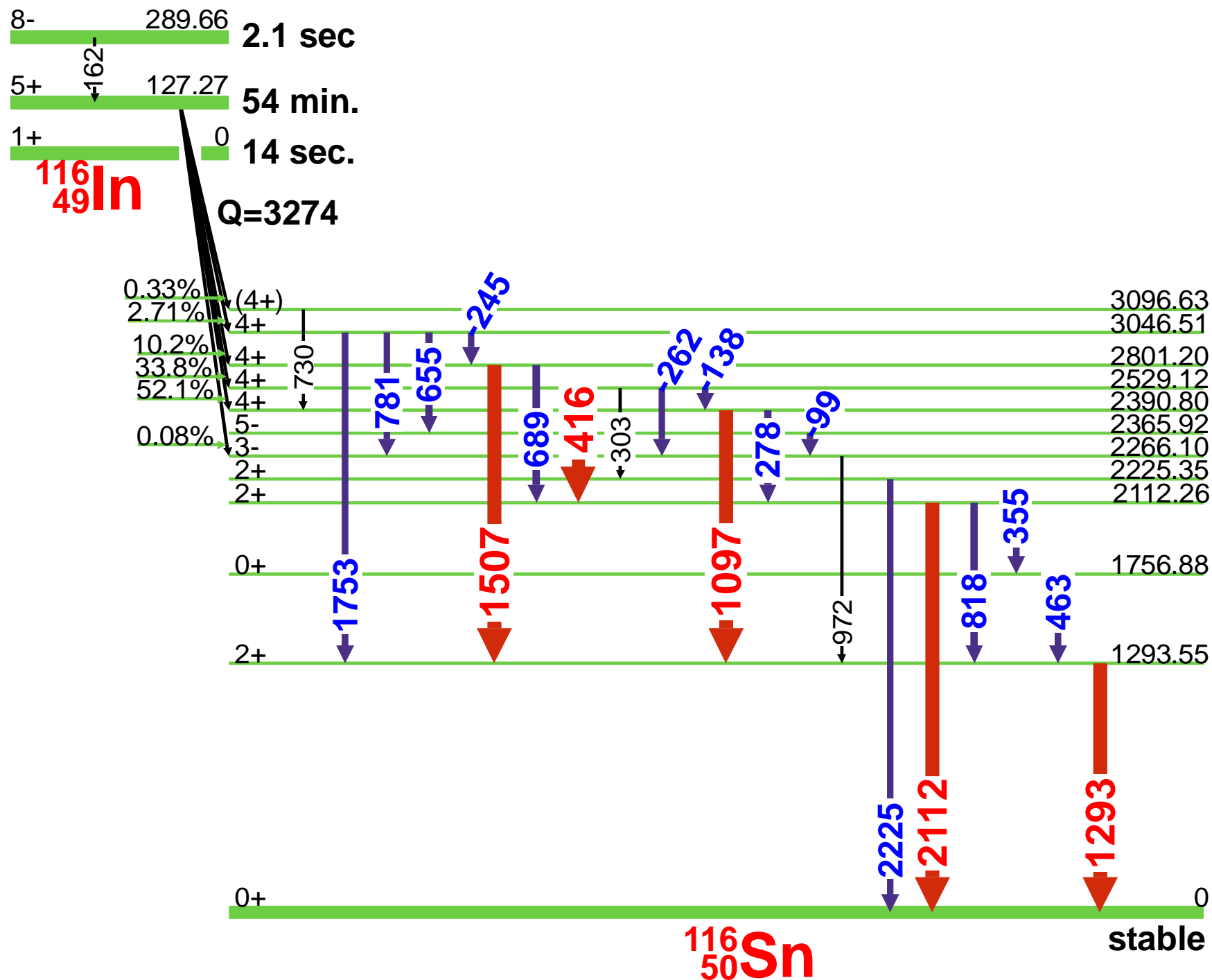


$^{116m}\text{In}$ (54 min.) Decay Scheme

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: <sup>116m</sup>In

E<sub>γ</sub>, σE<sub>γ</sub>, I<sub>γ</sub>, σI<sub>γ</sub> - 1998 ENSDF Data

Half Life: 54.29(17) min.

Detector: 55 cm<sup>3</sup> coaxial Ge (Li)

Method of Production: <sup>115</sup>In(n,γ)

E <sub>γ</sub> (keV)	σE <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)	σI <sub>γ</sub>	S
99.81	0.10		0.017	0.007	4
116.5	1.0		0.050	0.020	4
124.75	0.07		0.010	0.005	4
138.326	0.008	3.50	3.29	0.12	2
162.6	0.5		0.070	0.020	4
165.5	0.0		0.0005		4
196.5	0.5		0.050	0.020	4
245.0	0.3	0.38	0.037	0.008	4
262.95	0.08	0.34	0.118	0.025	4
272.4	0.8		0.08	0.03	4
278.49	0.08	0.25	0.144	0.017	4
303.80	0.07	0.22	0.118	0.017	4
345.2	0.8		0.029	0.010	4
355.36	0.04	0.84	0.83	0.04	3
416.86	0.03	29.37	27.7	1.2	1
434.9	0.7		0.036	0.014	4
458.5	0.5		0.070	0.020	4
463.14	0.12	0.83	0.83	0.05	3
474.9	0.8		0.017	0.008	4
500.1	0.8		0.030	0.010	4
Ann. 511.009					
536.0	0.6		0.035	0.013	4
567.4	0.9		0.041	0.013	4
639.1	1.0		0.030	0.010	4
655.7	0.4	0.14	0.11	0.04	4

E <sub>γ</sub> (keV)	σE <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)	σI <sub>γ</sub>	S
679.9	1.0		0.030	0.010	4
689.0	0.3	0.26	0.160	0.025	4
705.7	0.3	0.20	0.169	0.025	4
730.7	0.3		0.068	0.025	4
736.			0.003		4
780.40	0.20	0.44	0.27	0.05	4
781.1	0.8		0.110	0.020	
818.70	0.20	13.72	11.5	0.4	2
830.9	0.4		0.052	0.010	4
932.2	0.3		0.076	0.016	4
972.40	0.20	0.63	0.454	0.016	4
1072.3	0.7		0.020	0.015	4
1097.30	0.20	67.91	56.2	1.1	1
1235.5	1.0		0.093	0.017	4
1254.1	1.0		0.040	0.019	4
1293.54	0.15	100	84.4	1.7	1
1507.40	0.20	11.86	10.0	0.3	1
1712.3	1.0				4
1753.8	0.6	2.89	2.46	0.08	2
1757.07	0.21				4
2112.1	0.4	18.58	15.5	0.4	1
2225.5	0.8	0.06	0.052	0.008	3

