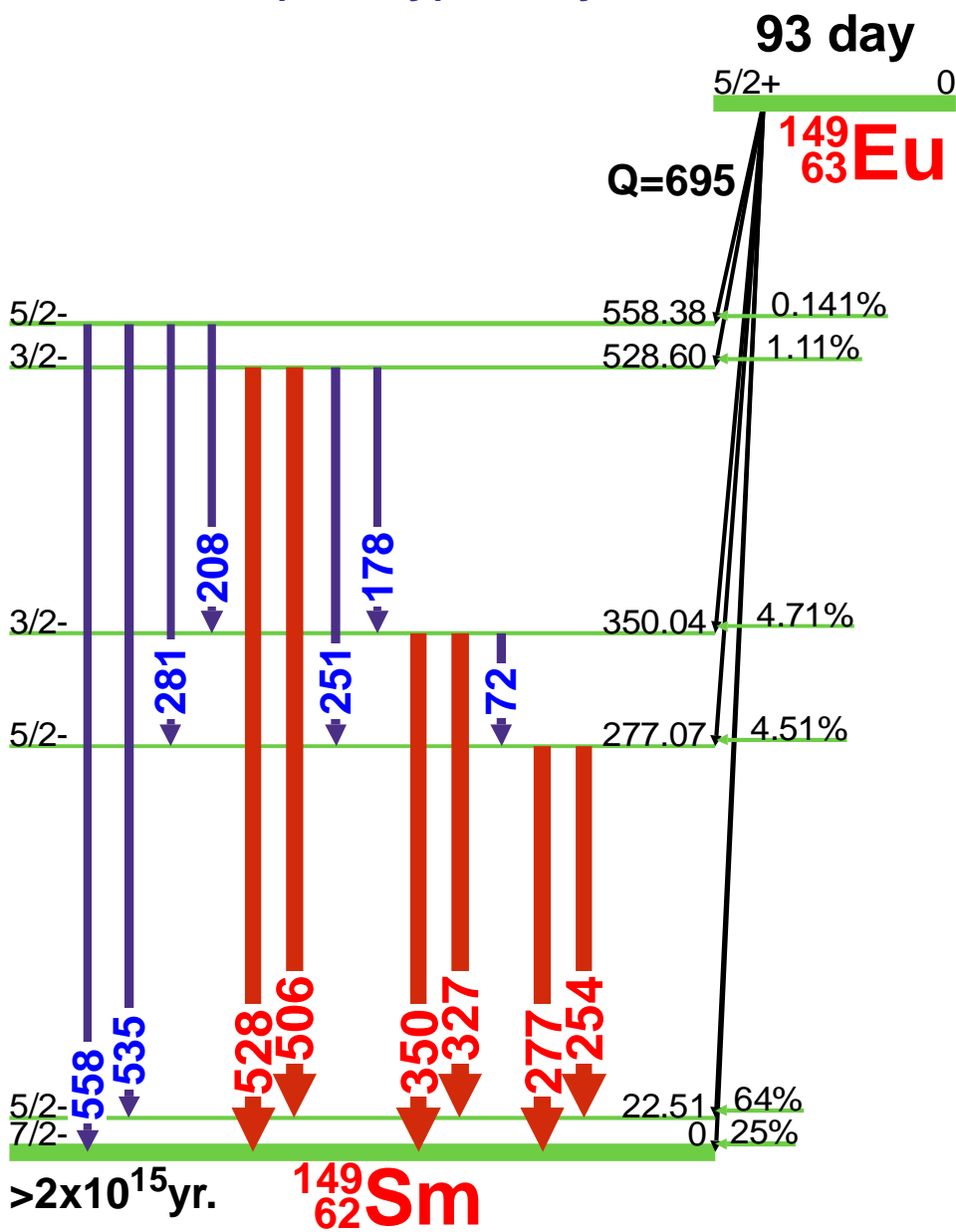


¹⁴⁹Eu(93 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁴⁹Eu
 Half Life: 93.1(4) day
 Detector: 2.5 cm² x 8 mm Ge (Li)
 Method of Production: ¹⁴⁹Sm(p,n)

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
22.510	0.008		2.32	0.06	4
72.983	0.010	0.20	0.0141	0.0008	4
122.00	0.20		0.0003	0.0002	4
129.50	0.07		0.0004	0.0002	4
130.098	0.035		0.0031	0.0008	4
178.580	0.016	0.44	0.0185	0.0012	4
208.283	0.021	0.15	0.0121	0.0008	4
251.510	0.037	0.36	0.0109	0.0012	4
254.566	0.023	15.1	0.636	0.012	1
272.21	0.14		0.0001	0.0001	4
277.089	0.010	85.0	3.56	0.06	1
281.295	0.016	0.49	0.0226	0.0008	4
285.950	0.010		0.0007	0.0002	4
308.00	0.10		0.0001	0.0001	4
327.526	0.010	100.	4.03	0.12	1
350.016	0.010	8.7	0.367	0.012	1
376.50	0.20				4
381.70	0.20		0.0035	0.0007	4
506.093	0.010	14.1	0.558	0.013	1
528.587	0.010	13.6	0.508	0.012	1
535.897	0.012	1.18	0.048	0.003	2
558.372	0.010	1.59	0.052	0.004	2
568.27	0.10				4
590.880	0.010		0.0001		4
613.915	0.017		0.0003		4
636.05	0.10		0.0003		4
636.50	0.07		0.0001		4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

