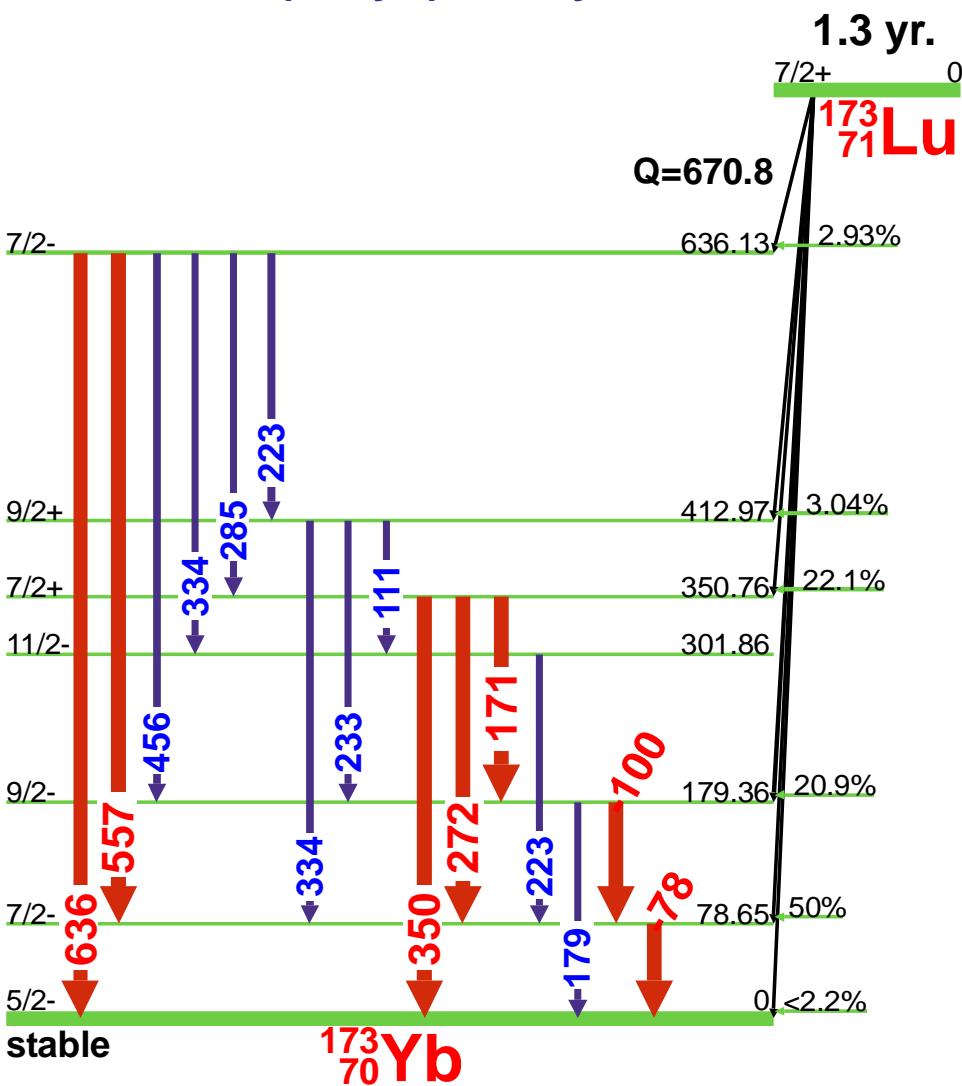


¹⁷³Lu(1.3 yr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁷³Lu Half Life: 1.37(1) y r.
Detector: 45 cm³ coaxial Ge (Li) Method of Production: ¹⁷³Yb(p,n)

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
62.17	0.03		0.168	0.010	4
78.63	0.03	25.0	11.8720	0.4	1
100.724	0.020	15.0	5.24	0.19	1
111.109	0.012	0.45	0.0534	0.0028	4
122.55	0.03		0.0167	0.0008	4
171.393	0.013	13.0	2.90	0.14	1
179.365	0.011	6.0	1.38	0.05	2
208.78			0.0006		4
223.163	0.020	0.84	0.0127	0.0026	3
223.163	0.020		0.140	0.008	
233.605	0.012	2.5	0.553	0.021	2
272.105	0.015	100.	21.2	0.8	1
285.362	0.006	2.9	0.611	0.026	3
319.4			0.0005		4
334.263	0.015	0.70	0.0055	0.0002	3
334.321	0.011		0.109	0.006	
350.774	0.018	1.60	0.301	0.014	1
412.9			0.0002		4
442.08			0.0004		4
456.79	0.03	0.87	0.141	0.007	2
543.24			0.0006		4
557.497	0.025	3.0	0.519	0.026	1
621.8			0.0002		4
636.11	0.03	8.0	1.452	0.07	1

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

