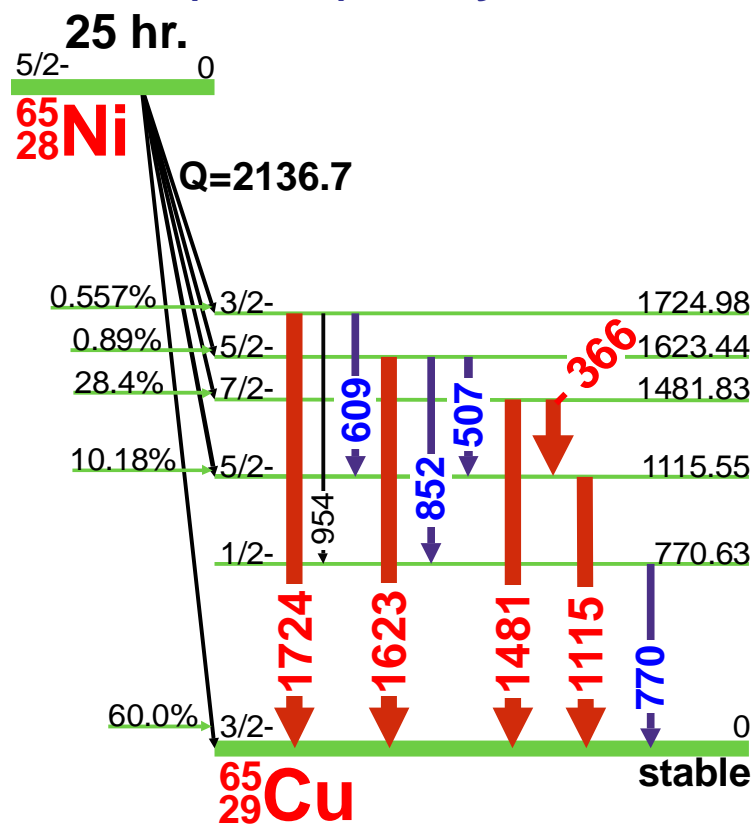


⁶⁵Ni(2.5 hr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ⁶⁵Ni Half Life: 2.5172(3) hr.
Detector: 55 cm³ coaxial Ge (Li) Method of Production: ⁶⁴Ni(n,γ)

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
366.27	0.03	19.0	4.81	0.06	1
507.90	0.10	1.2	0.292	0.005	3
609.50	0.10	0.68	0.154	0.004	4
770.60	0.20	0.52	0.104	0.007	4
852.70	0.20	0.38	0.097	0.012	4
954.5	0.3		0.0035		4
1115.539	0.002	65.	15.43	0.13	1
1481.84	0.05	100	23.59	0.14	1
1623.42	0.06	2.1	0.498	0.014	1
1724.92	0.06	1.6	0.399	0.012	1

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

