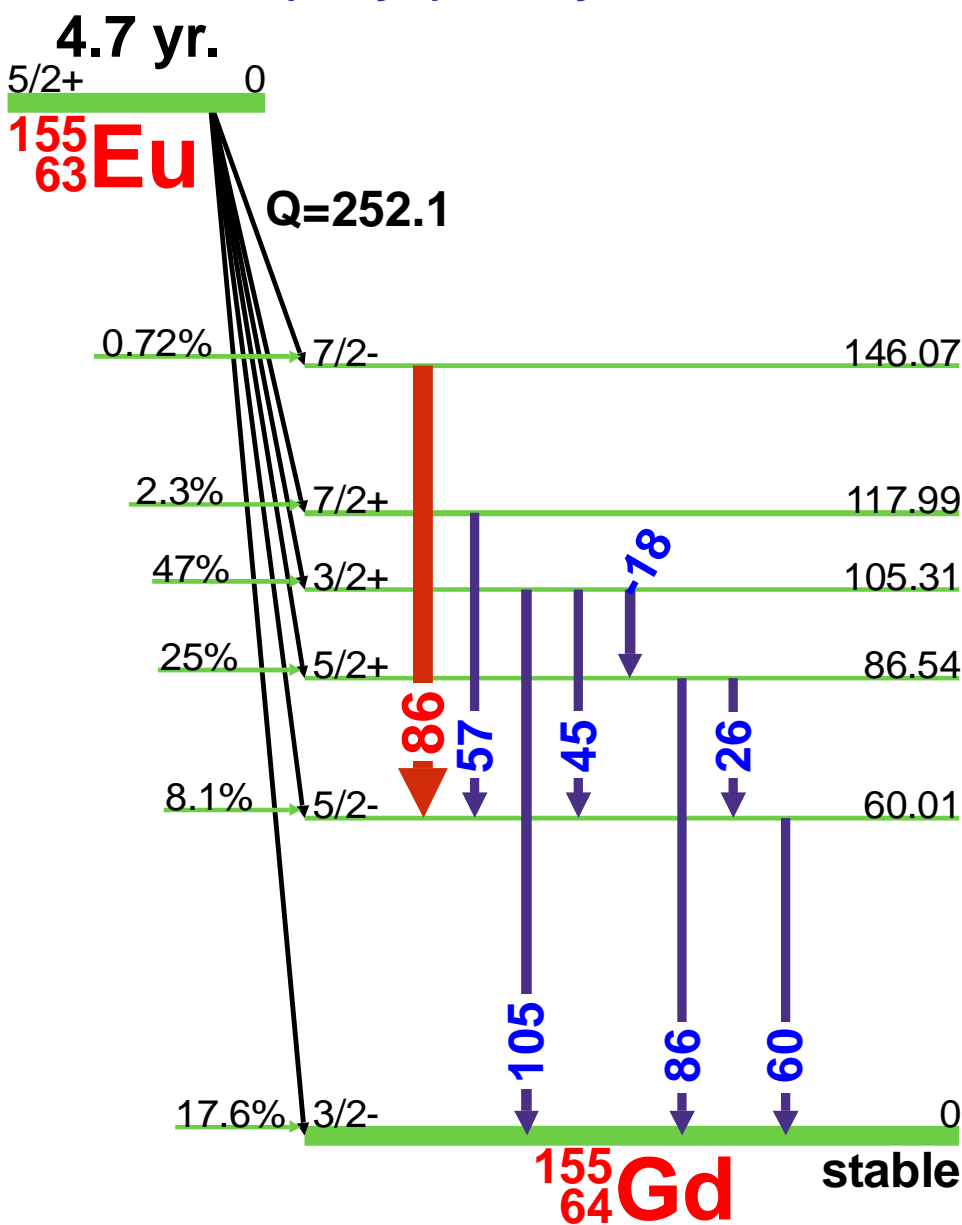


¹⁵⁵Eu(4.7 yr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁵⁵Eu Half Life: 4.7611(13) yr.
Detector: 30 mm² x 3 mm Si (Li) Method of Production: ¹⁵⁴Sm(n,γ)β⁻

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
10.49	0.04		0.0049	0.0005	4
12.70	0.25		0.010	0.006	4
13.80	0.25		0.020	0.006	4
18.764	0.002	0.16	0.049	0.012	4
21.036	0.004		0.0005		4
24.56	0.30		0.008	0.008	4
26.532	0.021	1.00	0.316	0.012	4
31.444	0.007		0.0071	0.0015	4
40.75	0.20		0.0264	0.0028	4
45.297	0.001	4.1	1.326	0.026	3
57.980	0.002		0.067	0.003	4
60.009	0.001	3.9	1.13	0.05	4
86.062	0.005	100.	0.150	0.015	1
86.545	0.003		30.7	0.6	
105.305	0.003	68.3	21.2	0.5	3
107.60	0.20		0.0004		4
146.061	0.015		0.0519	0.0028	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

