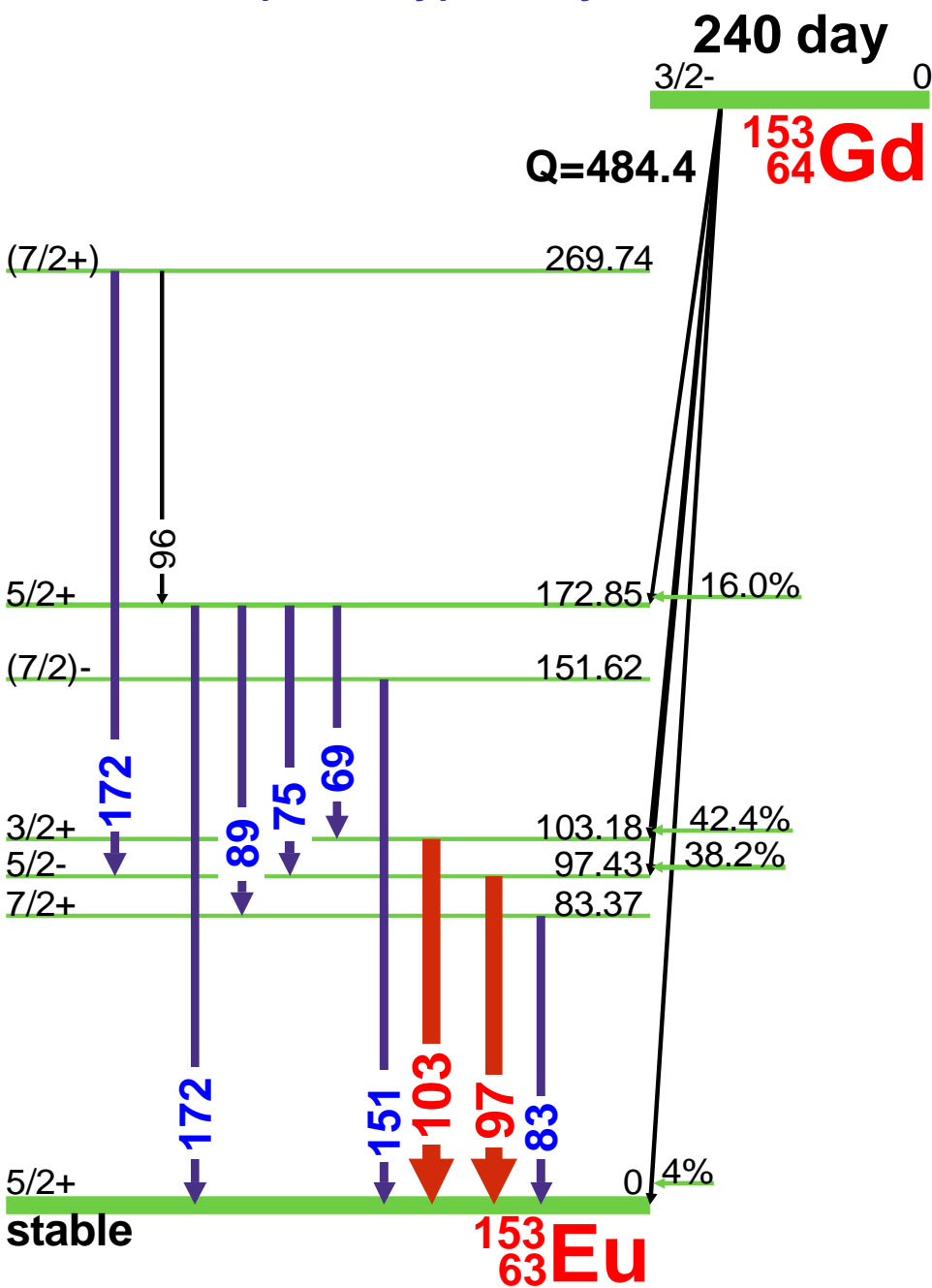


¹⁵³Gd(240 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁵³Gd Half Life: 240.4(10) day.
Detector: 2.5 cm² x 8 mm Ge (Li) Method of Production: ¹⁵²Gd(n,γ)

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
14.064			0.0177	0.0027	4
19.813					4
21.200			0.0218	0.004	4
54.193			0.0084	0.0020	4
68.256			0.0162	0.0024	4
69.673		7.8	2.42	0.07	2
75.422		0.30	0.078	0.003	4
83.367		0.80	0.196	0.007	4
89.486		0.30	0.069	0.004	4
96.882	0.001	100.	0.0020	0.0020	1
97.431			29.0	0.8	
103.180			73.5	0.6	
118.112	0.001		0.0001	0.0001	4
151.624	0.001	0.0130			4
166.555	0.002		0.0003	0.0003	4
172.303	0.002	0.130	0.0002	0.0002	3
172.853			0.0360	0.0020	

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

