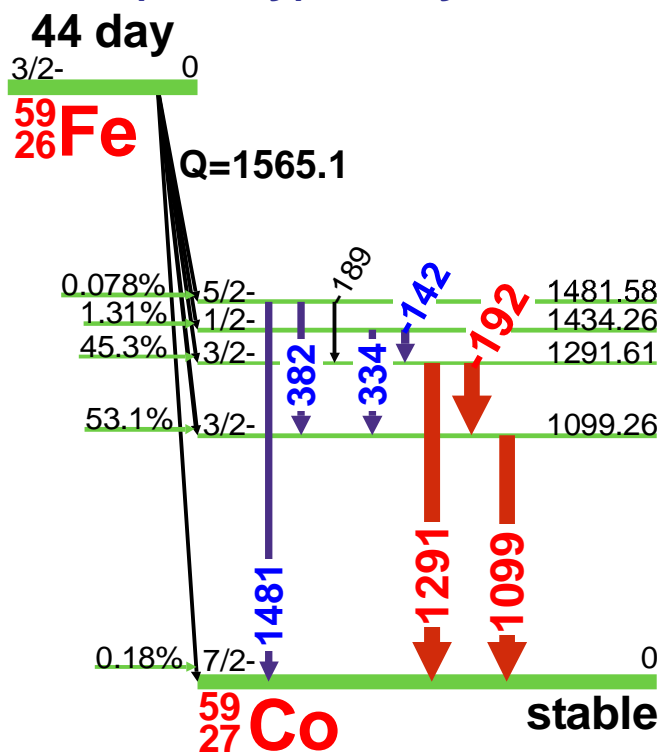


⁵⁹Fe(44 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ⁵⁹Fe Half Life: 44.503(6) day
Detector: 65 cm³ coaxial Ge (Li) Method of Production: ⁵⁸Fe(n,γ)

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
142.651	0.002	1.54	1.02	0.04	2
189.			0.0009	0.0009	4
192.349	0.005	4.7	3.08	0.12	1
334.8	0.2	0.47	0.270	0.011	3
382.0	0.4	0.05	0.018	0.003	4
1099.251	0.004	100	56.5	1.8	1
1291.596	0.007	77	43.2	1.4	1
1481.7	0.2	0.11	0.059	0.006	3

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

