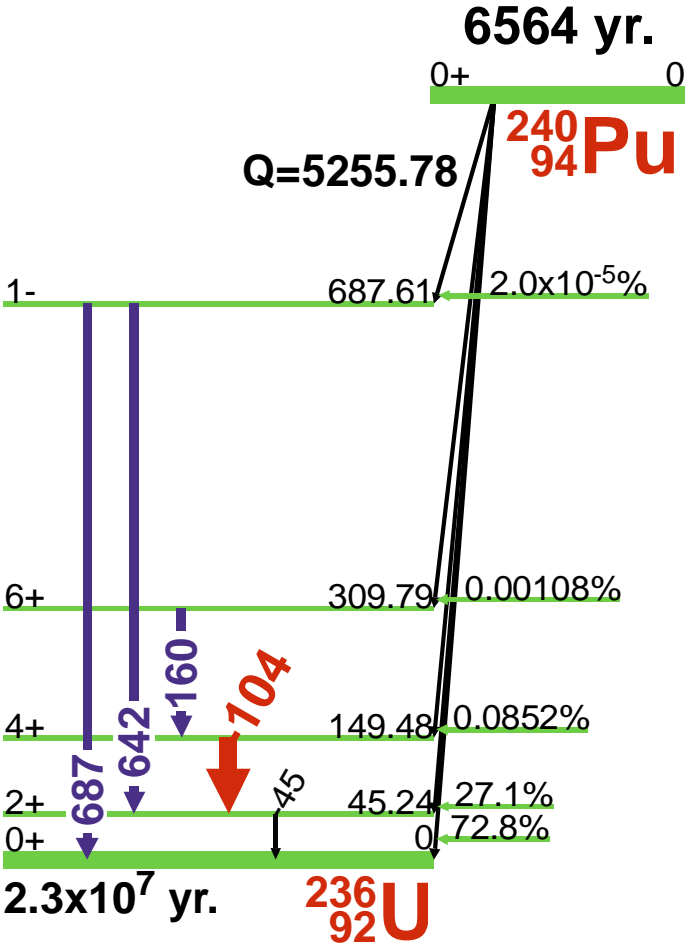




²⁴⁰Pu(6564 yr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ²⁴⁰Pu Half Life: 6564(11) yr.
Detector: 2.5 cm³ x 8 mm Ge (Li) Method of Production: ²³⁹Pu(n,γ)

E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
45.244	0.003		0.0450	0.0009	4
104.234	0.006	100.	0.0071	0.0001	1
160.308	0.003	10.4	0.0004	0.0000	2
212.460	0.050		0.0000	0.0000	4
538.090	0.150		0.0000	0.0000	4
642.350	0.050	0.41	0.0000	0.0000	3
687.570	0.160	0.08	0.0000	0.0000	3
699.000	0.000		0.0000	0.0000	4
873.920	0.150		0.0000	0.0000	4
919.000	0.000				4
958.000	0.000		0.0000	0.0000	4
960.000	0.000		0.0000	0.0000	4
967.000	0.000		0.0000	0.0000	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

