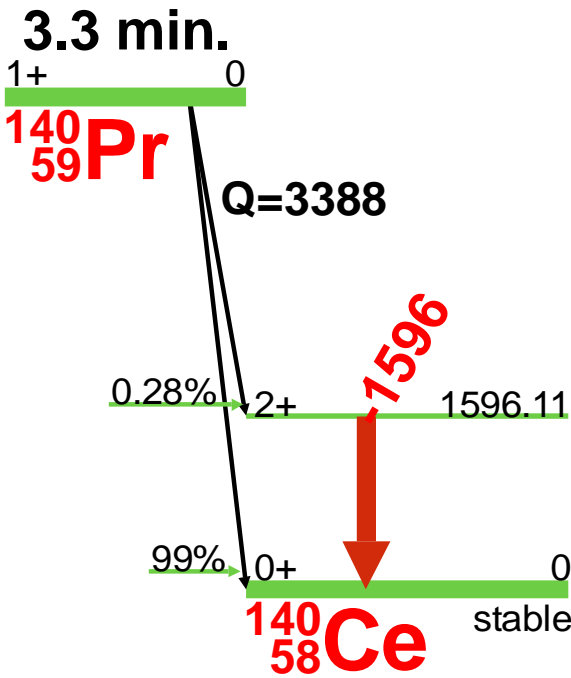


¹⁴⁰Pr(3.3 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁴⁰Pr Half Life: 3.39(1) min.
Detector: 4.55 cm² x 8 mm Ge (Li) Method of Production: ¹⁴¹Pr (γ,n)

	E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
Ann.	306.9	0.5		0.15	0.019	4
	511.006			100.6		1
	751.8	0.5		0.032	0.004	4
	925.3	0.5		0.026	0.003	4
	1420.7	0.5		0.0065	0.0011	4
	1596.1	0.2	100	0.5	0.04	1
	1903.5					4
	2347.8	0.5		0.0072	0.0009	4
	2521.4	0.5		0.013	0.0018	4
	2547.5	0.7		0.0002	0.0001	4
	2900	1		0.0002	0.0001	4
	3016.3	1.2				4
	3119	1.5		0.0009	0.0001	4
	3320	2		0.0001		4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

