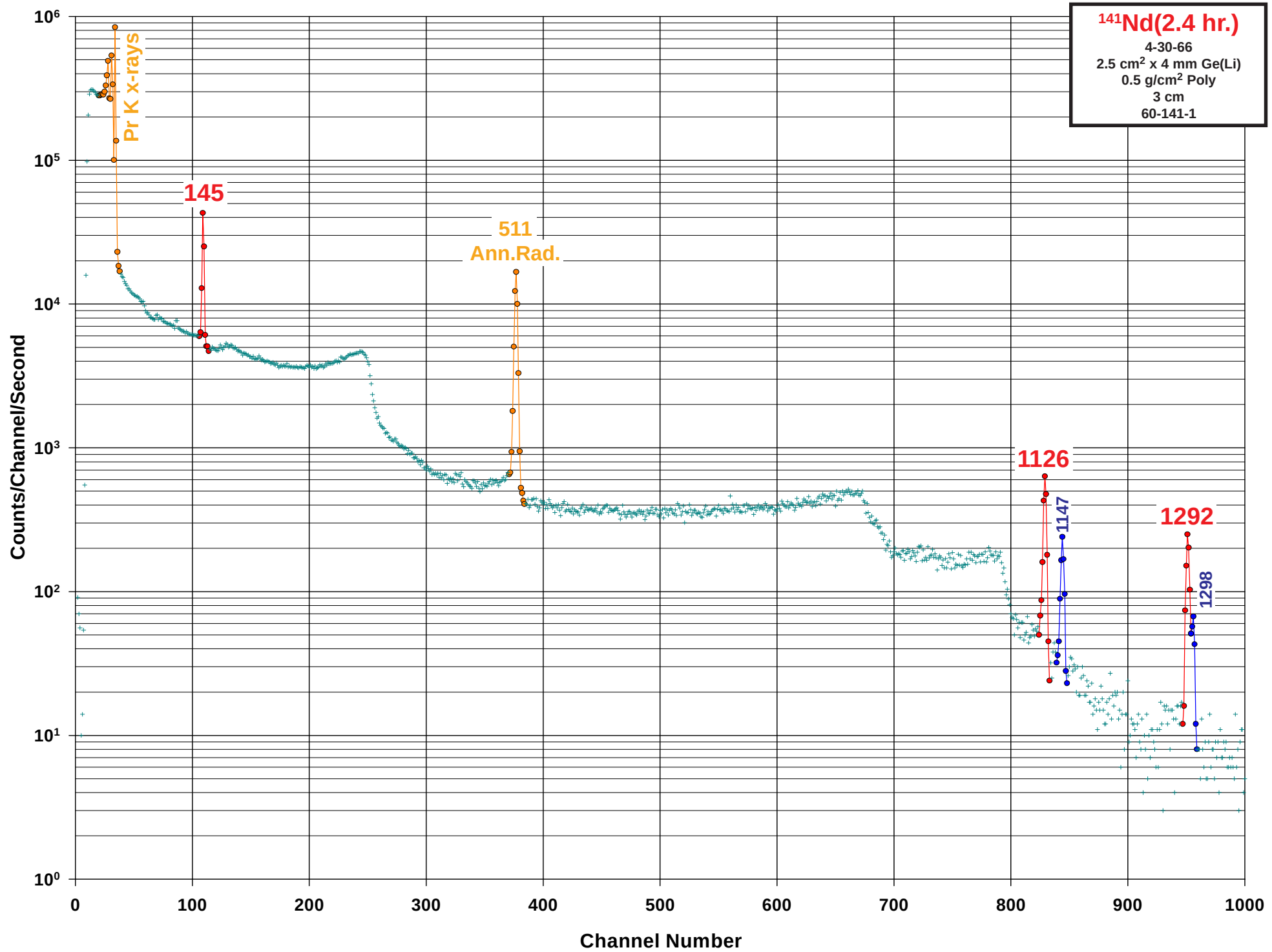

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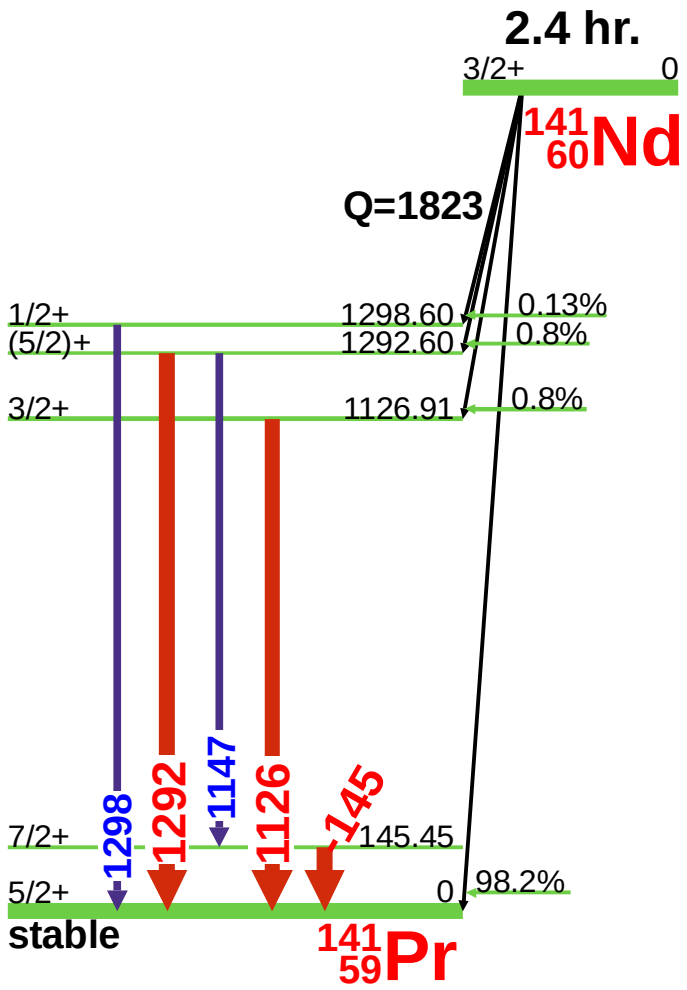
^{141}Nd(2.4 hr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{141}Nd — Half Life: 2.49(3) hr.

Detector: 2.5 cm^2 x 4 mm Ge (Li) — Method of Production: ^{142}Nd(γ,n)

	E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
	145.45	0.30		0.239	0.026	1
Ann.	511.006			4.93	0.20	1
	981.70	0.22		0.0217	0.0024	4
	1126.91	0.20		0.80	0.03	1
	1147.30	0.20		0.306	0.017	2
	1289.58	0.30		0.0098	0.0016	4
	1292.64	0.20		0.46	0.04	1
	1298.60	0.21		0.127	0.014	2
	1306.0	1.0		0.0003		4
	1310.6	1.0		0.0004		4
	1434.6	0.5		0.0056	0.0002	4
	1435.1	2.2		0.0008	0.0024	4
	1456.12	0.54		0.0008	0.0002	4
	1580.17	0.22		0.0060	0.0009	4
	1608.35	0.19		0.0183	0.0025	4
	1657.04	0.40		0.0010	0.0002	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data