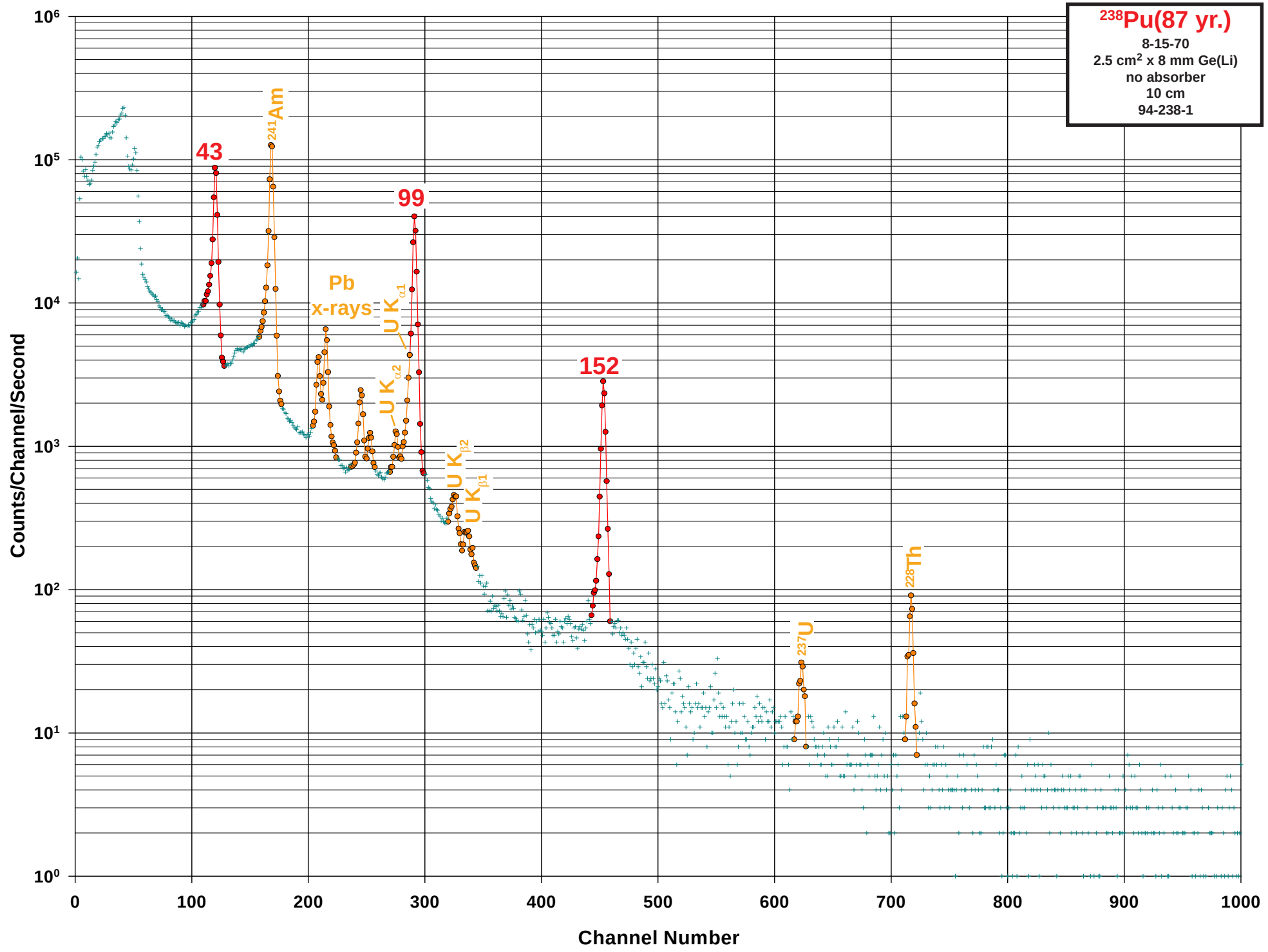

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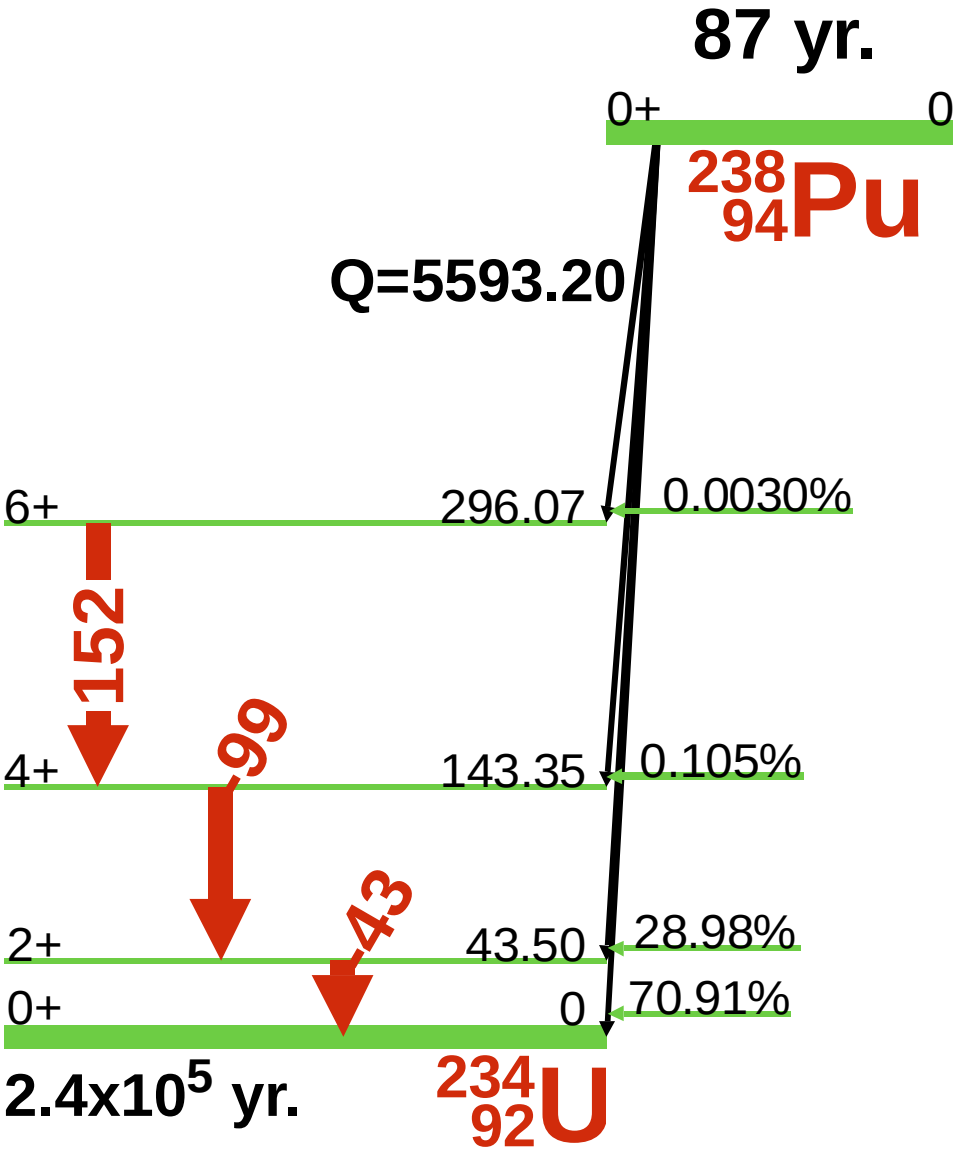
^{238}Pu(87 yr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{238}Pu — Half Life: 87.7(3) yr.

Detector: 2.5 cm^2 x 8 mm Ge (Li) — Method of Production: See Below

E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
43.498	0.001	100.	0.0395	0.0008	1
62.700	0.010				4
99.853	0.003	21.1	0.0073	0.0001	1
140.150	0.020				4
152.720	0.002	3.34	0.0009		1
192.91	0.07				4
200.97	0.03				4
203.12	0.03				4
233.60	0.20				4
234.60	0.20				4
235.9	0.3				4
258.30	0.20				4
299.20	0.20				4
705.9	0.3				4
708.42	0.20				4
742.81	0.10				4
766.39	0.10				4
783.40	0.10				4
786.30	0.10				4
804.4	0.3				4
805.6	0.3				4
808.25	0.15				4
810.0					4
851.70	0.10				4
880.5	0.3				4
883.23	0.10				4
904.30	0.20				4
926.72	0.15				4
941.90	0.20				4
946.0	0.3				4
1001.03	0.15				4
1041.8	0.3				4
1085.4	0.3				4

Method of Production: ^{238}U multiple neutron capture and decays

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data