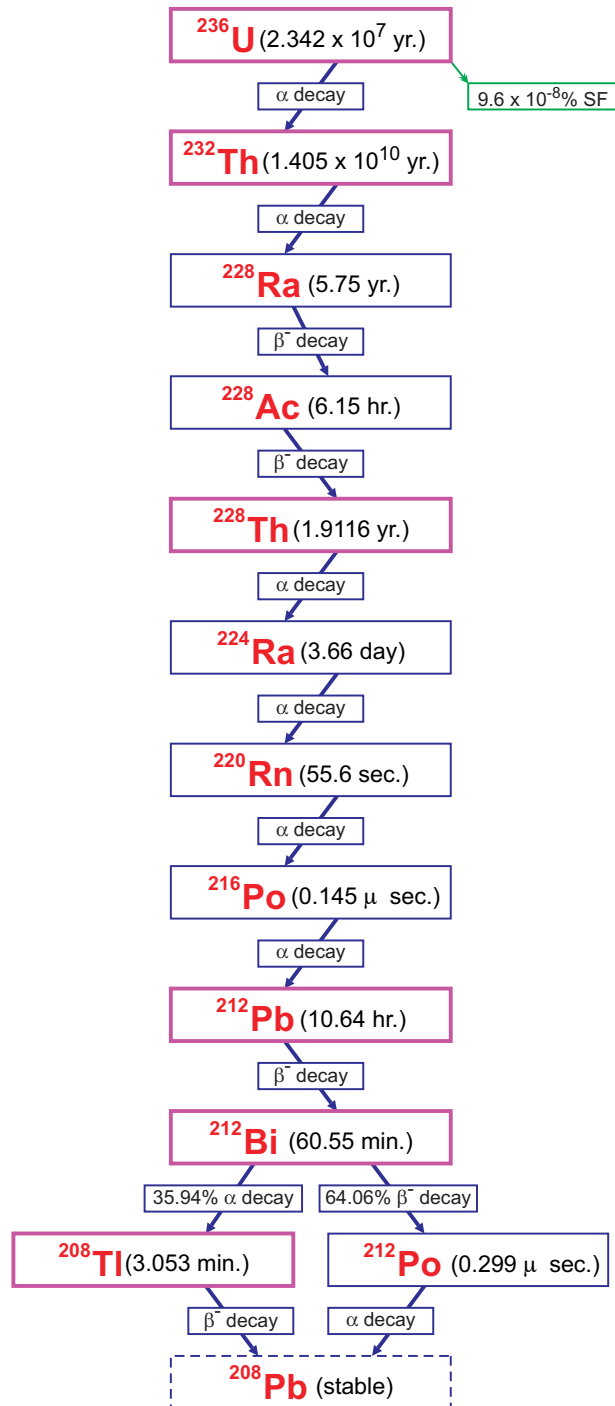
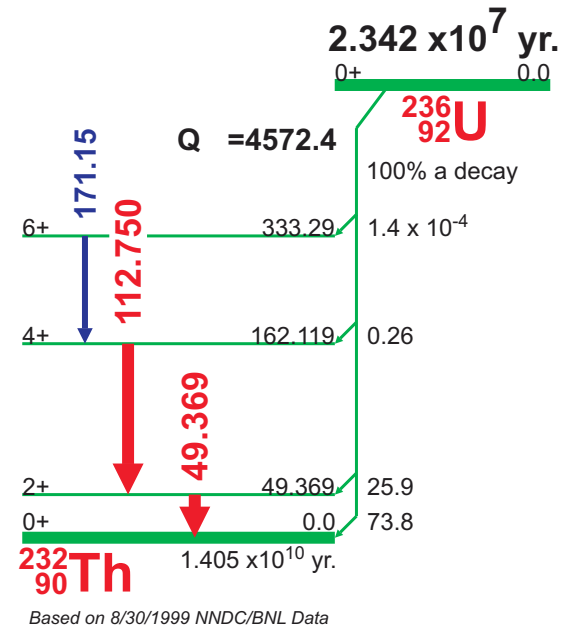


Simplified Decay Chain



²³⁶U (2.3 x 10⁷ yr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ²³⁶U Half Life: 2.342x10⁷(3) yr.

E _γ (keV)	σ E _γ	① I _γ	② σ I _γ	Level	
49.369	0.009	0.078	calculated	49.369	α
112.750	0.015	0.019	0.002	162.119	α
171.15	0.20	0.000 062	0.000 004	333.2	α

- ③ E_γ, σE_γ, I_γ, σI_γ, Levels from ENSDF Database as of August 30, 1999
- ① These I_γ are per 100 Decays of ²³⁶U.
- ② For total uncertainty add 17% systematic component in quadrature, based on the normalization factor 1.00(17)
- ③ γ ray reported by ENSDF in level scheme of ²³²Th, but not reported in the decay of ²³⁶U. Submitted by R. J. Gehrke for publication in the journal of Applied Radiation and Isotopes