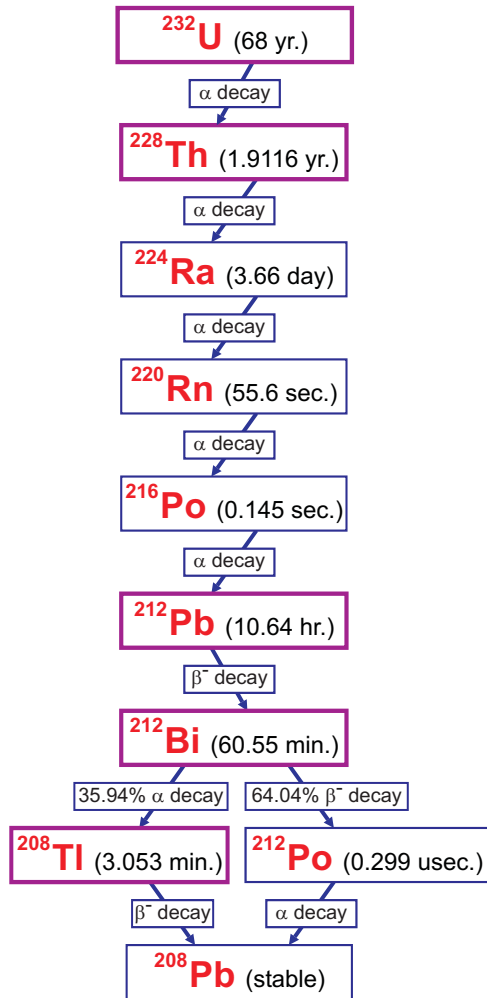
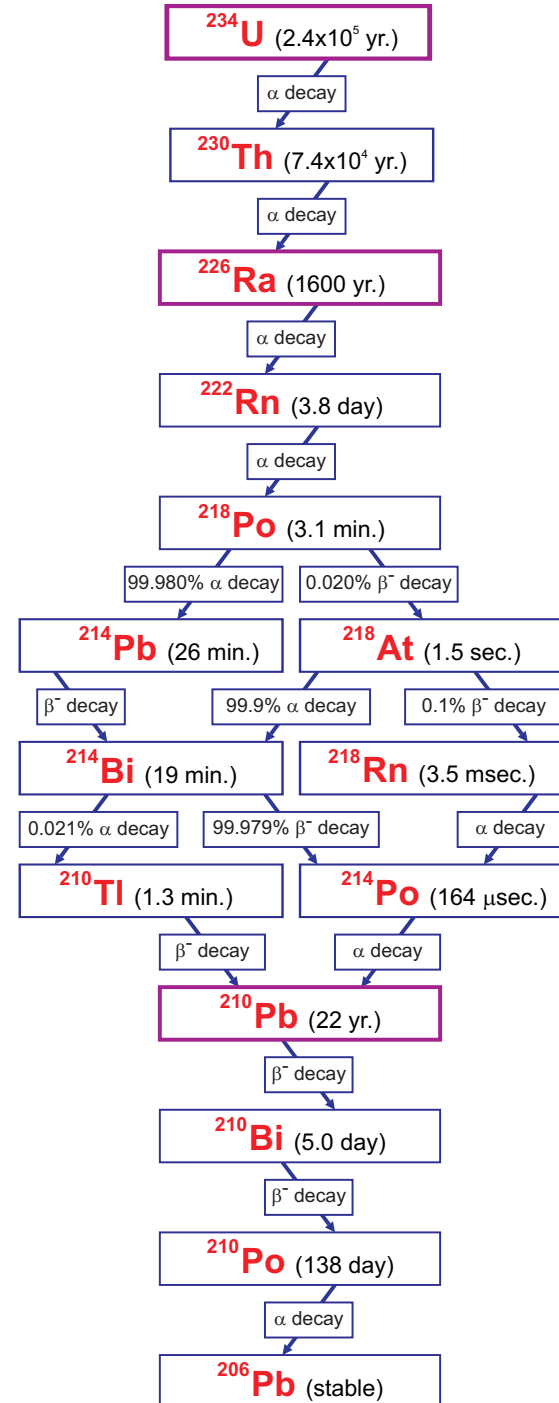


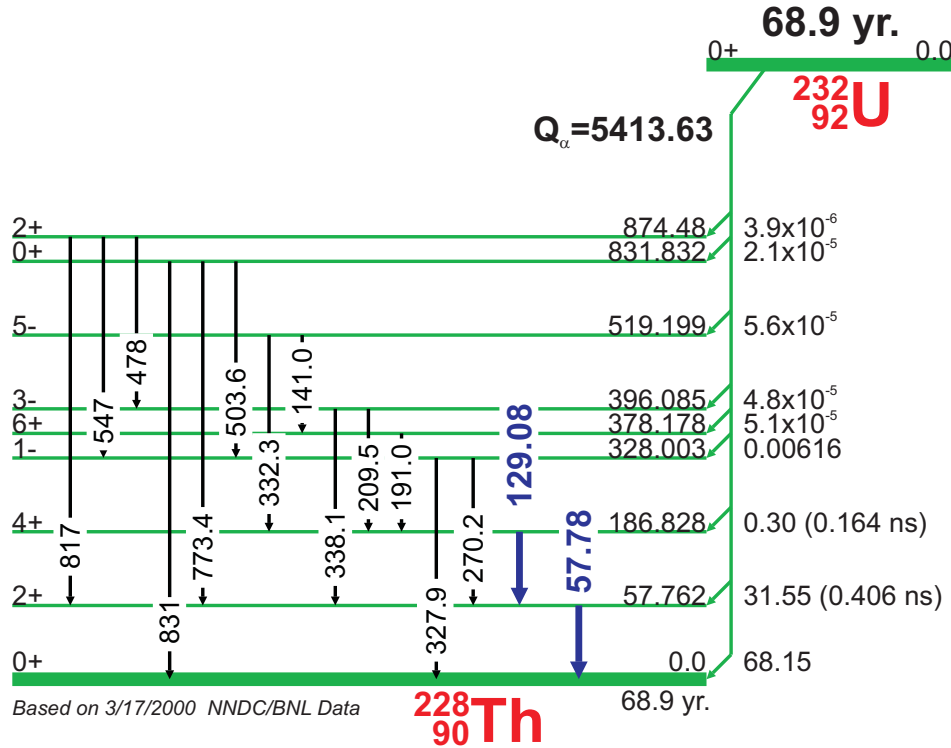
²³²U Decay Chain



²³⁴U Decay Chain



²³²U (68.9 yr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ²³²U

Half Life: 68.9(4) yr.

E_γ (keV)	σE_γ	I_γ	σI_γ	Level	
57.78	0.05	0.199 9	0.001 8	57.762	α
129.08	0.05	0.068 19	0.000 39	186.828	α
141.0	0.5	0.000 003 1	0.000 001 3	519.199	α
191.0	0.2	0.000 031	0.000 003	378.178	α
209.5	0.5	0.000 010 6	0.000 002 6	396.085	α
270.2	0.2	0.003 160	0.000 049	328.003	α
327.9	0.2	0.002 831	0.000 060	328.003	α
332.3	0.3	0.000 049	0.000 003	519.199	α
338.1	0.2	0.000 037 0	0.000 001 3	396.085	α
478	1	0.000 001 42	0.000 000 54	874.48	α
503.6	0.3	0.000 014 5	0.000 000 8	831.832	α
547	1	0.000 001 01	0.000 000 62	874.48	α
773.4	0.5	0.000 004 7	0.000 000 8	831.832	α
817	1	0.000 000 8	\approx	874.48	α
831		0.000 000 8	<	831.832	α

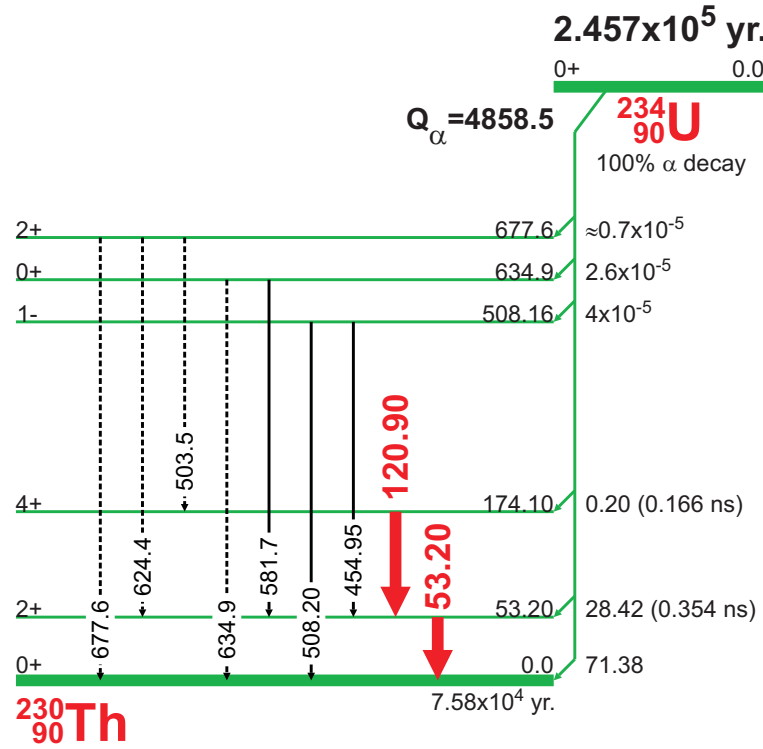
E_γ , σE_γ , I_γ , σI_γ , Levels from ENSDF Database as of August 31, 1999

① These I_γ are per 100 Decays of ²³²U

② Normalization factor is 0.00259, and its uncertainty is taken to be 0.0.



²³⁴U (2.457x10⁵ yr.) Decay Scheme



Based on 2/9/2000 NNDC/BNL Data

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ²³⁴U

Half Life: 2.455x10⁵(6) yr.

E _γ (keV)	σ E _γ	① I _γ	② σ I _γ	Level	
53.20	0.02	0.123	0.002	53.20	α
120.90	0.02	0.034 2	0.000 5	174.10	α
454.95	0.05	0.000 025	0.000 007	508.16	α
503.5	0.2	0.000 000 95	≈	677.6	α
508.20	0.05	0.000 015	0.000 004	508.16	α
581.7	0.2	0.000 012	0.000 005	634.9	α
624.4	0.1	0.000 000 82	≈	677.6	α
634.9	0.2	E0		634.9	α
677.6	0.1	0.000 001 0	≈	677.6	α

E_γ, σE_γ, I_γ, σI_γ, Levels from ENSDF Database as of February 9, 2000

① These I_γ are per 100 Decays of ²³⁴U.

② Normalization factor is 1.000, and its uncertainty is taken to be 0.0.

