

¹⁴⁸Eu α decay [1964To04](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	A. A. Sonzogni	NDS 93, 599 (2001)	1-Dec-2000

Parent: ¹⁴⁸Eu: E=0.0; J π =5⁻; T_{1/2}=54.5 d 5; Q(α)=2762 17; % α decay=9.4×10⁻⁷ 28
¹⁴⁸Eu-% α decay: from [1964To04](#).
Measured: T_{1/2}(α) ([1964To04](#),[1953Ra02](#),[1962Si14](#)), E(α) ([1964To04](#)).

¹⁴⁴Pm Levels

<u>E(level)</u>	<u>Jπ[†]</u>
0.0	5 ⁻

[†] From Adopted Levels.

α radiations

<u>Eα</u>	<u>E(level)</u>	<u>Iα[†]</u>	<u>HF</u>
2630 30	0.0	100	11.5

[†] For absolute intensity per 100 decays, multiply by 9.4×10⁻⁹ 28.