
 ^{212}Po α decay (0.299 μs) [1991Ry01](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	M. J. Martin	NDS 108,1583 (2007)	1-Jun-2007

Parent: ^{212}Po : $E=0.0$; $J^\pi=0^+$; $T_{1/2}=0.299\ \mu\text{s}$ 2; $Q(\alpha)=8954.12\ \text{keV}$; $\% \alpha\ \text{decay}=100.0$

^{212}Po - $\% \alpha$ decay: 100% α decay.

 ^{208}Pb Levels

<u>E(level)</u>	<u>J^π</u>
0.0	0^+

 α radiations

<u>E_α</u>	<u>E(level)</u>	<u>$I_\alpha^\ddagger$</u>	<u>$\text{HF}^\dagger$</u>	<u>Comments</u>
8784.86 12	0.0	100	1.0	E_α : based on adjusted measurements of 1974Hu15 , 1972RyZX , 1971De52 As given by 1991Ry01 . Others: 1983Fa03 , 1982Bo04 .

† Requirement of $\text{Hf}(8784.86\ \alpha)=1$ yields $r_0(^{208}\text{Pb})=1.5212\ \text{fm}$.

‡ Absolute intensity per 100 decays.