

^{201}Po α decay (8.9 min) [1971Au09,1986Sc31](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huang Xiaolong, Zhou Chunmei		NDS 104, 283 (2005)	1-Jan-2002

Parent: ^{201}Po : E=424 3; $J^\pi=13/2^+$; $T_{1/2}=8.9$ min 2; $Q(\alpha)=5798.9$ 17; $\% \alpha$ decay ≈ 2.9

^{201}Po - $\% \alpha$ decay: From [1967Le21](#).

 ^{197}Pb Levels

E(level) [†]	J^π [†]	$T_{1/2}$ [†]
319.31 11	13/2 ⁺	42.9 min 9

[†] From Adopted Levels.

 α radiations

E_α	E(level)	I_α [‡]	HF [†]	Comments
5786 2	319.31	100 1	≈ 0.25	E_α : weighted average: 1973Ry07 .

[†] $r_0=1.4753$.

[‡] For absolute intensity per 100 decays, multiply by ≈ 0.029 .