

²⁰¹Po α decay (15.3 min) [1971Au09,1986Sc31](#)

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

Parent: ²⁰¹Po: E=0; J π =3/2⁻; T_{1/2}=15.3 min 2; Q(α)=5798.9 17; % α decay=1.6 3
²⁰¹Po-% α decay: From [1971Ho01](#). Others: [1970Jo26](#), [1967Le21](#), [1961Be25](#).

¹⁹⁷Pb Levels

E(level) [†]	J π [†]	T _{1/2}
0.0	3/2 ⁻	8.1 [†] min 17
84.9 2	5/2 ⁻	

[†] From Adopted Levels.

α radiations

E α	E(level)	I α ^{†#}	HF [‡]	Comments
(5599 2)	84.9	2 CA	24.5 SY	
5683 2	0.0	98	1.3 3	E α : weighted average: 1973Ry07 .

[†] From syst of [1980Sc26](#).

[‡] r₀=1.4753.

[#] For absolute intensity per 100 decays, multiply by 0.016 3.