

<u>²⁰⁴Po α decay</u>			
Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 192,1 (2023)	1-Aug-2023

Parent: ²⁰⁴Po: E=0.0; J π =0⁺; T_{1/2}=3.519 h 12; Q(α)=5484.9 14; % α decay=0.67 3
²⁰⁴Po-T_{1/2},% α from 2010Ch02; Q(α) from 2021Wa16.

<u>²⁰⁰Pb Levels</u>			
E(level)	J π	T _{1/2}	Comments
0.0	0 ⁺	21.5 h 4	T _{1/2} : From Adopted Levels.

<u>α radiations</u>				
E α	E(level)	I α [‡]	HF [†]	Comments
5377.1 12	0.0	100	1.000	E α : Recommended in 1991Ry01, based on the measured energies of 5379 5 (1967Ti04), 5377 1 (1969Go23), 5380 10 (1970Jo26), 5379 3 (1970Ra14), 5374 5 (1970DaZM).

[†] Using r₀(²⁰⁰Pb)=1.4625 22 from 2020Si16.
[‡] For absolute intensity per 100 decays, multiply by 0.0067 3.