

¹⁹¹Pb α decay (1.33 min) [1974Le02,1974Ho26](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. S. Basunia	NDS 110, 999 (2009)	1-Nov-2008

Parent: ¹⁹¹Pb: E=0.0; J π =(3/2⁻); T_{1/2}=1.33 min 8; Q(α)=5450 40; % α decay=0.013 5
¹⁹¹Pb-% α decay: from [1974Ho26](#). Same in [2007Va21](#).
[1974Ho26](#): Activity produced by spallation of 600-MeV protons on ²³²Th; measured α 's, x rays. Detectors: semi,Ge(Li).
[1974Le02](#): Activity produced by ¹⁸¹Ta(¹⁹F,9n) E=120 MeV, ¹⁸²W(¹⁶O,7n) E=90 MeV; measured α 's. Detector: semi.

¹⁸⁷Hg Levels

<u>E(level)</u>	<u>Jπ</u>
0.0	3/2 ⁽⁻⁾

α radiations

<u>Eα</u>	<u>E(level)</u>	<u>Iα[†]</u>	<u>Comments</u>
5290 20	0.0	100	E α : from 1974Le02 .

[†] For absolute intensity per 100 decays, multiply by 1.3 $\times$ 10⁻⁴ 5.