

$^{231}\text{Pu}$   $\alpha$  decay (8.6 min) [1999La14](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ictp-2014 Workshop Group		NDS 132, 257 (2016)	15-Jan-2016

Parent:  $^{231}\text{Pu}$ : E=0;  $J^\pi=(3/2^+)$ ;  $T_{1/2}=8.6$  min 5;  $Q(\alpha)=6839$  20; % $\alpha$  decay=10 4

$^{231}\text{Pu}$ - $Q(\alpha)$ : From [2012Wa38](#).

$^{231}\text{Pu}$ - $J^\pi, T_{1/2}$ : From  $^{231}\text{Pu}$  Adopted Levels; half-life from [1999La14](#).

$^{231}\text{Pu}$ -% $\alpha$  decay: % $\alpha=10$  4 from  $^{231}\text{Pu}$  Adopted Levels, based on measurements in [1999La14](#).

 $^{227}\text{U}$  Levels

E(level)	$J^\pi$	$T_{1/2}$	Comments
0	(3/2 <sup>+</sup> )	1.1 min 1	$J^\pi, T_{1/2}$ : from Adopted Levels.

 $\alpha$  radiations

$E_\alpha$	E(level)	HF	Comments
6720	0	1.8	$E_\alpha$ : from <a href="#">1999La14</a> .