

^{231}Np α decay (48.8 min) [1950Ma14,1973Ja06](#)

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

Parent: ^{231}Np : $E=0$; $J^\pi=(5/2^-)$; $T_{1/2}=48.8$ min 2; $Q(\alpha)=6370$ 50; % α decay=2 1

^{231}Np - $J^\pi, T_{1/2}$: From ^{231}Np Adopted Levels; half-life from [1973We08](#).

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

^{231}Np -% α decay: % $\alpha=2$ 1 from ^{231}Np Adopted Levels; based on systematics of favored α decay. [1950Ma14](#) reports % ϵ /% $\alpha < 100$.

 ^{227}Pa Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	(5/2 ⁻)	38.3 min 3	$J^\pi, T_{1/2}$: from Adopted Levels.

 α radiations

E_α	E(level)	Comments
6258 8	0.0	E_α : from 1973Ja06 . Other: 6280 (1950Ma14).