

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. M. Symochko, E. Browne, J. K. Tuli		NDS 110,2945 (2009)	1-Dec-2008

$Q(\beta^-)=7238$ 17; $S(n)=4091$ 9; $S(p)=1.381\times 10^4$ 3; $Q(\alpha)=-7.53\times 10^3$ 7 [2012Wa38](#)

Note: Current evaluation has used the following Q record 7023 SY4240 SY13772 syst-7614 syst [2009AuZZ](#).

$Q(\beta^-)=6935$ syst, $S(n)=4228$ syst, $Q(\alpha)=-7619$ syst ([2003Au03](#)).

Mass excess measured in [2007Ha20](#) using Penning trap setup. Measured value -71415 9 (-71620 300 in [2003Au02](#)).

Produced and identified in ([1991Pe04](#)) in the $^{238}\text{U}(p,f)$ reaction with $E=20$ MeV. Half-life measured by β - γ ray coincidence.

[2006Mo07](#): Produced in the $\text{Be}(^{136}\text{Xe},f)$ reaction at 121.8 MeV/nucleon. $\beta(t)$ measured with Si(pin) and strip detectors.

 ^{119}Pd Levels

E(level)	$T_{1/2}$	Comments
0.0	0.92 s 1	$\% \beta^- = 100$ $T_{1/2}$: weighted average of 0.92 s 13 (1991Pe04) and 0.918 s 111 (2006Mo07).