

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	A. K. Jain (a), R. Raut (b), J. K. Tuli		NDS 110,1409 (2009)	1-Dec-2008

$Q(\beta^-) = -3.04 \times 10^3$ 8; $S(n) = 7.59 \times 10^3$ 8; $S(p) = 2.94 \times 10^3$ 8; $Q(\alpha) = 7.39 \times 10^3$ 5 [2012Wa38](#)

Note: Current evaluation has used the following Q record $-3.0E+3$ 7 7.60×10^3 7 2940 50 7390 50 [2003Au03](#).

Assignment: parent of ^{221}Ac , ^{217}Fr , ^{213}At ([1951Ke53](#)); daughter of ^{229}Np ([1968Ha14](#)); excitation functions, cross bombardments ([1970Bo13](#)); $^{232}\text{Th}(\alpha, xn\gamma)$ mass separation ([1978IbZZ](#)).

 ^{225}Pa Levels

E(level)	T _{1/2}	Comments
0.0	1.7 s 2	%α=100 T _{1/2} : measured values: 1.8 s 3 (1970Bo13), 1.7 s 1 (1978IbZZ). Other measurements: ≈2 s (1951Ke53), 0.8 s 3 (1958To25). %α: only α decay was observed. From gross β decay theory of 1973Ta30 , %ε<0.03.