

Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 113,715 (2012)	31-May-2011

$Q(\beta^-)=9.6\times 10^3$ syst; $S(n)=3.9\times 10^3$ syst; $S(p)=1.15\times 10^4$ syst; $Q(\alpha)=-3.3\times 10^3$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record \$ 9138 syst 4112 syst 11453 syst -3170 syst [2011AuZZ](#).

$Q(\beta^-)=8800$ syst, $S(n)=3990$ syst, $S(p)=11500$ syst, $Q(\alpha)=-3750$ syst ([2003Au03](#)).

Produced by Pb(²³⁸U,F), E=750 MeV/A. Identification by energy loss and time-of-flight ([1994Be24](#)).

¹⁴³I Levels

E(level)	T _{1/2}	Comments
0.0	130 ms 45	$\% \beta^- = ?$ $J^\pi = 7/2^+$ expected from systematics of odd-A Iodine nuclides. T _{1/2} : Measured decay of β^- radiation (2006KeZZ). Other value: T _{1/2} >300 ns, from time-of-flight measurements (1994Be24 , 2003Au02). β^- decay from 1994Be24 , 2006KeZZ .