

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	K. Kitao, Y. Tendow and A. Hashizume		NDS 96,241 (2002)	1-Dec-2001

$Q(\beta^-)=5.37\times 10^3$ 4; $S(n)=6.10\times 10^3$ 4; $S(p)=9.04\times 10^3$ 6; $Q(\alpha)=-5.61\times 10^3$ 4 [2012Wa38](#)
Note: Current evaluation has used the following Q record 5370 406101 41 9116 90-5590 62 [1995Au04](#).

 ^{120}In LevelsCross Reference (XREF) Flags

[A](#) ^{120}Cd β^- decay (50.80 s)

E(level)	J^π	$T_{1/2}$ [†]	XREF	Comments
0.0	1^+	3.08 s 8	A	$\% \beta^- = 100$ J^π : $\log ft = 5.02$ to 0^+ . $T_{1/2}$: from weighted av of 3.0 s 8 (1960Po06), 3.2 s 4 (1964Ka10), 2.87 s 5 (1970OsZZ), and 3.08 s 8 (1973Sc19).
0.0+x	(8^-)	47.3 s 5	A	$\% \beta^- = 100$ E(level): 300 200 is suggested in 1997Au04 as a value from systematics. J^π : from $\log ft = 4.68$ to $(7^-, 8^-)$ and syst of low-lying 8^- states in even-A indium isotopes.
70 60	$(5)^+$	46.2 s 8	A	$T_{1/2}$: other: 50 s 1 (1960Po06). $\% \beta^- = 100$ E(level): from 1997Au04 . J^π : $\log ft = 4.91$ to 4^+ , $\log f^{1u} t = 8.53$ 18 to 3^- suggests 5^+ .

[†] From [1978Ch25](#), unless otherwise noted. [1964Ka10](#), [1965Me11](#) and [1971Li09](#) also reported values, but for a combined source of 46.2-s and 47.3-s.