^{130}Cd β^-n decay (162 ms) 2001Ha39,1986Kr17

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Janos Timar and Zoltan Elekes, Balraj Singh	NDS 121, 143 (2014)	31-May-2014

Parent: ^{130}Cd: E=0.0; $J^\pi=0^+$; $T_{1/2}$=162 ms *7*; Q(β^-n)=3.20×10^3 *16*; %β^-n decay=3.5 *10*
^{130}Cd-Q(β^-n): From 2012Wa38.
^{130}Cd-$T_{1/2}$: From ^{130}Cd Adopted Levels in ENSDF database.
^{130}Cd-%β^-n decay: %β^-n=3.5 *10* (2001Ha39,2002Pf04). Others: %β^-n≈4 (1986Kr17), ≈5 (2003DiZZ).
2001Ha39: laser-ion source, measured delayed neutron emission probability, ISOLDE-CERN facility.
The details of the decay scheme are not known.

^{129}In Levels

E(level)	J^π	Comments
0	(9/2$^+$)	E(level): g.s. is assumed to be populated in this decay.