^{130}In β^-n decay (0.29 s) 1993Ru01,1986Wa17

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}In: E=0.0; $J^\pi=1^{(-)}$; $T_{1/2}$=0.29 s *2*; Q(β^-n)=2650 *40*; %β^-n decay=0.93 *13*

^{130}In-Q(β^-n): From 2012Wa38.

^{130}In-J^π,$T_{1/2}$: From ^{130}In Adopted Levels in ENSDF database.

^{130}In-%β^-n decay: %β^-n=0.93 *13*; weighted average of 1.49 *22* (1993Ru01) and 0.90 *5* (1986Wa17). 1993Ru01 and 2002Pf04 recommend 1.01 *22*.

1993Ru01, 1986Wa17: measured delayed neutron emission probability and half-life.

The details of the decay scheme are not known.

^{129}Sn Levels

E(level)	J^π	Comments
0	$3/2^+$	Assumed that g.s. is populated in this decay.