^{140}I β^-n decay (0.86 s)   1999Li18,1978Kr15,1976Lu02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	P. K. Joshi, B. Singh, S. Singh, A. K. Jain	NDS 138, 1 (2016)	15-Oct-2016

Parent: ^{140}I: E=0.0; J^π=(4$^-$); $T_{1/2}$=0.86 s *4*; Q(β^-n)=398×10^1 *18*; %β^-n decay=9.3 *10*

^{140}I-J^π,$T_{1/2}$: From ^{140}I Adopted Levels in the ENSDF database (Feb 2006 update).

^{140}I-Q(β^-n): From 2012Wa38.

^{140}I-%β^-n decay: %β^-n=9.3 *10* (from ^{140}I Adopted Levels in the ENSDF database, Feb 2006 update).

Measurements of beta-delayed neutrons: 1999Li18, 1980Al15, 1978Kr15, 1977Sh01, 1976Lu02, 1974Kr21, 1972Sc48.

Compilations: 2002Pf04, 1993Ru01, 1984Ma39, 1973To16, 1975Iz03.

^{139}Xe Levels

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