^{75}Cu β^-n decay (1.224 s) 1985Re01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	ENSDF	31-Mar-2017

Parent: ^{75}Cu: E=0.0; $J^\pi=5/2^{(-)}$; $T_{1/2}$=1.224 s *3*; Q(β^-n)=3214 *3*; %β^-n decay=3.5 *6*

^{75}Cu-J^π,$T_{1/2}$: From ^{75}Cu Adopted Levels in the ENSDF database (June 2013 update).

^{75}Cu-Q(β^-n): From 2017Wa10.

^{75}Cu-%β^-n decay: from %β^-n=3.5 *6* (1985Re01) which is relative to %β^-n=3.17 *19* for ^{144}Cs.

1985Re01: on-line mass separator, ^{3}He proportional counter for neutrons and surface barrier Si counter for β particles. Measured $T_{1/2}$, deduced β delayed neutron emission probability and Q value.

^{74}Zn Levels

E(level)	J^π
0.0	0^+