^{76}Cu β^-n decay (0.638 s) 1991Kr15,1993Ru01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Alexandru Negret, Balraj Singh	NDS 114, 841 (2013)	30-Jun-2013

Parent: ^{76}Cu: E=0.0; J^π=(3,4); $T_{1/2}$=0.638 s *9*; Q(β^-n)=3512 *7*; %β^-n decay=7.2 *5*

^{76}Cu-J^π: From ε feeding of (4^+) in ^{76}Zn and not (2^+), as proposed in 2005Va19.

^{76}Cu-$T_{1/2}$: Weighted average of 599 ms *18* (2010Ho12), 653 ms *24* (2005Va19) and 641 ms *6* (1991Kr15). Others: 0.61 s *10* (quoted by 1993Ru01 from Reeder et al. in Proceedings of the Specialists Meeting on Delayed Neutron Properties, p37 (1986)), 0.57 s *6* (697γ(t),1990Wi12), 0.35 s *8* (697γ(t),1987LuZX).

^{76}Cu-Q(β^-n): From 2012Wa38.

^{76}Cu-%β^-n decay: %β^-n=7.2 *5* (2009Wi03). Other: 3 *2* (quoted by 1993Ru01 from Reeder et al. in Proceedings of the Specialists meeting on Delayed Neutron Properties, p37 (1986)).

^{75}Zn Levels

E(level)	J^π	Comments
0.0	$(7/2^+)$	J^π: from Adopted Levels.