^{75}Sr εp decay (88 ms) 2003Hu01,1995Bl23,2002Fa13

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh, Ameenah R. Farhan	NDS 107, 1923 (2006)	30-Apr-2006

Parent: ^{75}Sr: E=0.0; $T_{1/2}$=88 ms *3*; Q(εp)=8.42×10^3 *22*; %εp decay=5.2 *9*

^{75}Sr-$T_{1/2}$: 88 ms *3* (2003Hu01), 0.08 s *+42−4* (2002Fa13), 0.071 s *+71−24* (1995Bl23).

^{75}Sr-%εp decay: %εp=5.2 *9* (2003Hu01), 6.5 *33* (1995Bl23).

^{75}Sr identified by 1995Bl23 (also 1991Mo10) by analyzing fragments by a fragment separator from reaction ^{58}Ni(^{78}Kr,X) E=73 MeV/nucleon; measured $T_{1/2}$ and %εp.

2002Fa13: measured $T_{1/2}$.

^{74}Kr Levels

E(level)	Jπ‡
0	0$^+$
456†	2$^+$
508†	0$^+$
1014†	4$^+$

† Possibly populated In ^{75}Sr εp decay (2003Hu01).

‡ From 'Adopted Levels'.