^{36}Si β^-n decay (0.45 s) 1988Mu08

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen, John Cameron and Balraj Singh	NDS 112,2715 (2011)	20-Oct-2011

Parent: ^{36}Si: E=0; $J^\pi=0^+$; $T_{1/2}$=0.45 s *6*; Q(β^-n)=4469 *57*; %β^-n decay<10.0

^{36}Si-Q(β^-n): From 2011AuZZ. Other: 4300 *12* (2003Au03).

^{36}Si-J^π,$T_{1/2}$: From Adopted Levels of ^{36}Si.

1988Mu08: Fragmentation of ^{48}Ca at 45 and 55 MeV/nucleon by ^{181}Ta(^{48}Ca,X) reaction at the French National Facility GANIL. Measured $T_{1/2}$ and delayed neutron emission probabilities.

%β^-n<10 (1988Mu08).