^{36}Si β^-n decay (503 ms) 1995ReZZ,2017Ha23

Parent: ^{36}Si: E=0; $J^\pi=0^+$; $T_{1/2}$=503 ms *2*; Q(β^-n)=4350 *70*; %β^-n decay=12 *5*

^{36}Si-J^π: From Adopted Levels of ^{36}Si in ENSDF database (2012 update).

^{36}Si-$T_{1/2}$: From 2017Ha23. Others: 0.45 s *6* from Adopted Levels of ^{36}Si in ENSDF database (2012 update), taken from 1988DuZS; 0.54 s *21* from 2008ReZZ.

^{36}Si-Q(β^-n): From 2021Wa16.

^{36}Si-%β^-n decay: From 1995ReZZ,2008ReZZ for the decay of ^{36}Si. Other: <10 from Adopted Levels of ^{36}Si in ENSDF database (2012 update), taken from 1988Mu08.

1995ReZZ,2008ReZZ: fragmentation of ^{232}Th(p,X) reaction at 800 MeV at LAMPF. Measured %β^-n with ToF isochronous spectrometer.

2017Ha23: ^{9}Be(^{40}Ar,X) E=69.2 MeV/nucleon at HIRFL, Lanzhou. Measured implant-β(t). Deduced $T_{1/2}$.

1988Mu08: fragmentation of ^{48}Ca at 45 and 55 MeV/nucleon by ^{181}Ta(^{48}Ca,X) reaction at GANIL, France. Measured %β^-n<10.