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

Parent: ^{36}Si : $E=0$; $J^\pi=0^+$; $T_{1/2}=503$ ms 2; $Q(\beta^-n)=4350$ 70; $\% \beta^-n$ 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 - $Q(\beta^-n)$: From [2021Wal6](#).

^{36}Si - $\% \beta^-n$ 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 $^{232}\text{Th}(p,X)$ reaction at 800 MeV at LAMPF. Measured $\% \beta^-n$ with ToF isochronous spectrometer.

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

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