

$^{35}\text{Si}$   $\beta^-$ -n decay (0.78 s):? [1995ReZZ](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, Balraj Singh		NDS 113, 1563 (2012)	28-May-2012

Parent:  $^{35}\text{Si}$ :  $E=0$ ;  $J^\pi=(7/2^-)$ ;  $T_{1/2}=0.78$  s 12;  $Q(\beta^-n)=2117$  38;  $\% \beta^-n$  decay <5.3

$^{35}\text{Si}$ - $T_{1/2}$ : From  $^{35}\text{Si}$  Adopted Levels in ENSDF database.

$^{35}\text{Si}$ - $J^\pi$ : Proposed by [2001Nu01](#) from level scheme properties.

$^{35}\text{Si}$ - $Q(\beta^-n)$ : From [2011AuZZ](#). Other: 2130 40 ([2003Au03](#)).

$^{35}\text{Si}$ - $\% \beta^-n$  decay:  $\%B-N < 5.3$  ([1995ReZZ](#), [2008ReZZ](#)).

[1995ReZZ](#): Time-of-flight spectrometer at the LAMPF accelerator, measured half-life, delayed neutron-emission probability. <5.3% delayed-neutron branching estimated by [1995ReZZ](#) (also [2008ReZZ](#)).