

${}^{22}\text{C}$   $\beta^-$ -n decay (6.1 ms) [2003Yo02](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	R. B. Firestone	NDS 127, 1 (2015)	15-Jan-2015

Parent:  ${}^{22}\text{C}$ :  $E=0$ ;  $J^\pi=0^+$ ;  $T_{1/2}=6.1$  ms  $+14-12$ ;  $Q(\beta^-n)=2.027\times 10^4$  26;  $\% \beta^-n$  decay=61 14

${}^{22}\text{C}$ - $T_{1/2}$ : From [2003Yo02](#). Other: 9 ms 3 ([1998Yo06](#)).

${}^{22}\text{C}$ - $Q(\beta^-n)$ : 19960 910 (syst,[2009AuZZ](#),[2003Au03](#)).

${}^{22}\text{C}$ - $\% \beta^-n$  decay:  $\% \beta^-n=61$   $+14-13$  ([2003Yo02](#)).  $\% \beta^-2n<37$  ([2003Yo02](#)). Other: total neutron emission probability  $P_n>60$  ([1998Yo06](#)).

Measured half-life of  ${}^{22}\text{C}$  and  $\beta$ -delayed one-neutron decay mode.

No level data available.