

^{122}Cd β^- decay (5.24 s) **1973Sc19**

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	T. Tamura	NDS 108, 455 (2007)	30-Sep-2006

Parent: ^{122}Cd : $E=0.0$; $J^\pi=0^+$; $T_{1/2}=5.24$ s 3; $Q(\beta^-)=2850$ 70; $\% \beta^-$ decay=100.0
 Sn(p,3pxn) $E(p)=600$ MeV, on-line MS; semi, plastic γ , β^- , $\beta\gamma$ -coin, $T_{1/2}$.
 Since $Q_\beta=2.9$ MeV, the decay scheme is probably incomplete.

 ^{122}In Levels

<u>E(level)</u>	<u>J^π</u>
0.0	1^+

 β^- radiations

β^- -branchings and $\log ft$ are approximate values.

<u>E(decay)</u>	<u>E(level)</u>	<u>$I\beta^{-\dagger}$</u>	<u>Log ft</u>	<u>Comments</u>
(2.85×10^3) 7)	0.0	100	3.95 5	av $E\beta=1177$ 33

\dagger For absolute intensity per 100 decays, multiply by $\approx 1.$.