
 ^{132}In β^- n decay [1993Ru01](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, I. Mitropolsky, A. Rodionov		NDS 107, 2715 (2006)	17-Jul-2006

Parent: ^{132}In : $E=0.0$; $J^\pi=(7^-)$; $T_{1/2}=0.207$ s 6; $Q(\beta^-n)=6820$ 70; $\%\beta^-n$ decay=6.3 9

^{132}In - $Q(\beta^-n)$: 6820 70 from [2003Au03](#).

^{132}In - J^π : probable configuration= $\nu f_{7/2} \pi g_{9/2}^{-1}$.

^{132}In - $T_{1/2}$: weighted average of 0.206 s 6 ([2002Di12](#)), 0.221 s 11 ([1993Ru01](#)), 0.186 s 22 ([1986Bj01](#)), 0.204 s 6

([1986Wa17](#),[1986ReZU](#),[1986ReZS](#)), and 0.22 s 3 ([1980Lu04](#)). Others: 0.12 s 2 ([1973Ke06](#),[1973Ke27](#)), 0.3 s 1 ([1976Lu02](#)).

^{132}In - $\%\beta^-n$: weighted average of 4.2% 9 ([1980Lu04](#)), 6.8% 5 ([1986Wa17](#)) and 10.7% 33 ([1993Ru01](#)). [1993Ru01](#) recommend 5.2% 12 from average of 4.2% 9 ([1980Lu04](#)) and 6.8% 14 ([1986ReZU](#)). Others: [1986ReZU](#) and [1986ReZS](#) (the same group as [1986Wa17](#)), [1984Ma39](#), [1982Ru01](#) and [1976Lu02](#) (the same group as [1980Lu04](#) and [1993Ru01](#)).

[1993Ru01](#): $^{235}\text{U}(n,F)$ $E=\text{thermal}$; measured $n's$, $\beta's$, $\beta(t)$, $n(t)$. Isotope separator OSIRIS, BF_3 , plastic scin.