

^{81}Zn β^- n decay (303.5 ms) [1991Kr15](#),[2010Ho12](#),[2014Xu07](#)

Type	History		Literature Cutoff Date
	Author	Citation	
Full Evaluation	Balraj Singh	ENSDF	31-Aug-2014

Parent: ^{81}Zn : $E=0.0$; $J^\pi=(5/2^+)$; $T_{1/2}=303.5$ ms 29; $Q(\beta^-n)=4953$ 6; $\% \beta^-n$ decay=9.3 30

^{81}Zn - J^π : From ^{81}Zn Adopted Levels in ENSDF database.

^{81}Zn - $T_{1/2}$: Weighted average of 303.2 ms 26 ([2014Xu07](#)), 304 ms 13 ([2010Pa33](#)), 474 ms +93-83 ([2010Ho12](#)), 0.39 s 7 ([2007Ve08](#)), 0.29 s 5 ([1991Kr15](#)).

^{81}Zn - $Q(\beta^-n)$: From [2012Wa38](#).

^{81}Zn - $\% \beta^-n$ decay: weighted average of $\% \beta^-n=10$ 3 with the assumption of 20% β branch unaccounted (12 4 otherwise in [2010Pa33](#), also [2009Gr06](#)), 30 13 ([2010Ho12](#)), 7.5 30 ([1991Kr15](#)). Other: [1981Al25](#).

Other main references: [2010Pa33](#), [2007Ve08](#).

Measured $T_{1/2}$ and $\% \beta^-n$. Decay scheme is not known.