

^{285}Cn α decay (33 s)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	C. Morse	NDS 182, 167 (2022)	14-Sep-2021

Parent: ^{285}Cn : E=0; $T_{1/2}=33\text{ s} +10-6$; $Q(\alpha)=9388\text{ SY}$; $\% \alpha$ decay=100.0

^{285}Cn - $T_{1/2}$: From Adopted Levels.

^{285}Cn - $Q(\alpha)$: From [2021WA16](#).

References: [2000OG05](#),[2002OG09](#),[2004OG07](#),[2011GA19](#),[2012HO12](#),[2017KA66](#),[2014YA33](#), [2010WI14](#).

 ^{281}Ds Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	12 s +4-2	$\%SF=94$; $\% \alpha=6$

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
$9.21 \times 10^3\text{ I}$	0	$E\alpha$: Weighted average of 17 events. Assumed g.s. to g.s. transition.