
 ^{281}Cn α decay (0.18 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: ^{281}Cn : E=0; $T_{1/2}=0.18\text{ s} +10-5$; $Q(\alpha)=1.043\times 10^4\text{ eV}$; % α decay=100.0

^{281}Cn - $T_{1/2}$: From Adopted Levels.

^{281}Cn - $Q(\alpha)$: From [2021WA16](#).

References: [2010EL06](#),[2015UT02](#),[2018UT02](#).

 ^{277}Ds Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	3.5 ms +21-10	% α =100; %SF $\leq$ 12.5

 α radiations

<u>Eα</u>	<u>E(level)</u>	<u>Comments</u>
$10.28\times 10^3\text{ eV}$	0	E α : Weighted average of six events. Assumed g.s. to g.s. transition.