
 ^{277}Cn α decay (0.61 ms)

<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: ^{277}Cn : E=0; $T_{1/2}=0.61$ ms +46-18; $Q(\alpha)=1.162\times 10^4$ eV; % α decay=100.0

^{277}Cn - $T_{1/2}$: From Adopted Levels.

^{277}Cn - $Q(\alpha)$: From [2021WA16](#).

References: [1996HO13](#),[2002HO11](#),[2007MO09](#),[2013SU04](#).

 ^{273}Ds Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	0.19 ms +14-6	% α =100; %SF<17

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
11.30×10^3 eV	0	$E\alpha$: Weighted average of five events. Assumed g.s. to g.s. transition.