
 ^{289}Fl α decay (2.4 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: ^{289}Fl : E=0; $T_{1/2}=2.4\text{ s} +8-5$; $Q(\alpha)=9.95\times 10^3\text{ keV}$; % α decay=100.0

^{289}Fl - $T_{1/2}$: From Adopted Levels.

^{289}Fl - $Q(\alpha)$: From [2021WA16](#).

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

 ^{285}Cn Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	$33\text{ s} +10-6$	% α =100; %SF<6

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
$9.86\times 10^3\text{ keV}$	0	$E\alpha$: Weighted average of 17 events. Assumed g.s. to g.s. transition.