

²⁷⁹Ds α decay (0.216 s)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	C. Morse	NDS 182, 130 (2022).	14-Sep-2021

Parent: ²⁷⁹Ds: E=0; T_{1/2}=0.216 s +47-33; Q(α)=10107 SY; % α decay=12.5
²⁷⁹Ds-T_{1/2}: From Adopted Levels.
²⁷⁹Ds-Q(α): From [2021WA16](#).
References: [2004OG12](#),[2006OG05](#),[2012HO12](#),[2016HO09](#).

²⁷⁵Hs Levels

<u>E(level)</u>	<u>T_{1/2}</u>	<u>Comments</u>
0	0.20 s +19-7	% α =100; %SF $\leq$ 20

α radiations

<u>Eα</u>	<u>E(level)</u>	<u>Comments</u>
9.70 $\times$ 10 ³ 5	0	E α : Weighted average of three events. Assumed g.s. to g.s. transition.