

^{271}Ds α decay (1.6 ms)

<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: ^{271}Ds : $E=0$; $T_{1/2}=1.6$ ms $+4-3$; $Q(\alpha)=10870$ 18; $\% \alpha$ decay=100.0

^{271}Ds - $T_{1/2}$: From Adopted Levels.

^{271}Ds - $Q(\alpha)$: From [2021WA16](#).

References: [1998HO13](#),[2011HO10](#),[2003GI05](#),[2004FO08](#),[2004MO40](#).

 ^{267}Hs Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	43 ms $+9-6$	$\% \alpha=100$
8×10^1 2		
3.2×10^2 2		

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
10.41×10^3 2	320	$E\alpha$: Weighted average of five events.
10.65×10^3 2	80	$E\alpha$: Weighted average of four events.
10.73×10^3 1	0	$E\alpha$: Weighted average of 19 events. Assumed g.s. to g.s. transition.