

$^{273}\text{Ds}$   $\alpha$  decay (0.19 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:  $^{273}\text{Ds}$ : E=0;  $T_{1/2}=0.19$  ms  $+14-6$ ;  $Q(\alpha)=1.137\times 10^4$  5; % $\alpha$  decay=100.0

$^{273}\text{Ds}$ - $T_{1/2}$ : From Adopted Levels.

$^{273}\text{Ds}$ - $Q(\alpha)$ : From [2021WA16](#).

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

 $^{269}\text{Hs}$  Levels

<u>E(level)</u>	<u><math>T_{1/2}</math></u>	<u>Comments</u>
0	13 s $+10-4$	% $\alpha$ =100; %SF<5

 $\alpha$  radiations

<u><math>E\alpha</math></u>	<u>E(level)</u>	<u>Comments</u>
$11.14\times 10^3$ l	0	Weighted average of five events. Assumed g.s. to g.s. transition.