

$^{273}\text{Hs}$   $\alpha$  decay (0.51 s) [2010El06](#),[2015Ut02](#),[2018Ut02](#)

<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:  $^{273}\text{Hs}$ : E=0;  $T_{1/2}=0.51\text{ s} +30-13$ ;  $Q(\alpha)=9.65\times 10^3\text{ eV}$ ; % $\alpha$  decay=100.0

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

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

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

<u>E(level)</u>	<u><math>T_{1/2}</math></u>	<u>Comments</u>
0	$1.3\times 10^2\text{ s} +10-4$	% $\alpha$ =100; %SF<15

 $\alpha$  radiations

<u><math>E\alpha</math></u>	<u>E(level)</u>	<u>Comments</u>
$9.51\times 10^3\text{ eV}$	0	$E\alpha$ : Weighted average of seven events. Assumed g.s. to g.s. transition.