

^{275}Hs α decay (0.20 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: ^{275}Hs : $E=0$; $T_{1/2}=0.20\text{ s} +19-7$; $Q(\alpha)=9.45\times 10^3\text{ eV}$; $\% \alpha$ decay=100.0

^{275}Hs - $T_{1/2}$: From Adopted Levels.

^{275}Hs - $Q(\alpha)$: From [2021WA16](#).

References: [2004OG12](#),[2006OG05](#),[2012HO12](#),[2016HO09](#).

 ^{271}Sg Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	96 s +88-31	$\% \alpha=50$; $\% \text{SF}=50$

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
$9.31\times 10^3\text{ eV}$	0	$E\alpha$: Weighted average of four events. Assumed g.s. to g.s. transition.