

^{272}Rg α decay (3.8 ms) [2004Mo26,2002Ho11,1995Ho04](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh	NDS 156, 148 (2019)	31-Jan-2019

Parent: ^{272}Rg : E=0; $T_{1/2}=3.8$ ms +14-8; $Q(\alpha)=11197$ 13; % α decay \approx 100.0

^{272}Rg - $T_{1/2}$: From ^{272}Rg Adopted Levels.

^{272}Rg - $Q(\alpha)$: From [2017Wa10](#).

See ^{272}Rg Adopted Levels for details.

 ^{268}Mt Levels

<u>E(level)</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0	21 ms +8-5	E(level), $T_{1/2}$: from the Adopted Levels.

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
10986 35	0	$E\alpha$: unweighted average of 14 events (2004Mo26). Assumed as g.s. to g.s. α transition.