

^{274}Rg α decay (12 ms) [2004Mo42](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 156, 70 (2019)	31-Jan-2019

Parent: ^{274}Rg : E=0; $T_{1/2}$ =12 ms +17-5; $Q(\alpha)$ =11480 50; % α decay \approx 100.0

^{274}Rg - $T_{1/2}$: From ^{274}Rg Adopted Levels.

^{274}Rg - $Q(\alpha)$: From [2017Wa10](#).

 ^{270}Mt Levels

E(level)	$T_{1/2}$	Comments
0	0.48 s +66-18	$T_{1/2}$: from Adopted Levels.

 α radiations

$E\alpha$	E(level)	Comments
11.04×10^3 20	0	$E\alpha$ =11.15 MeV 7 (2004Mo42), 11.31 MeV 7 (2007Mo43), 10.65 MeV 6 (2012Mo25). Average (unweighted) $E\alpha$ =11.04 MeV 20 (evaluator). Other: $E\alpha$ =11312 keV 50 from $Q(\alpha)$ =11480 50 in 2017Wa10 . Assumed as a g.s. to g.s. α transition.