

^{282}Rg α decay (100 s) [2013Og04](#),[2014Kh04](#)

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

Parent: ^{282}Rg : $E=0$; $T_{1/2}=100$ s $+70-30$; $Q(\alpha)=9160$ 30; $\% \alpha$ decay ≈ 100.0

^{282}Rg - $T_{1/2}$: From ^{282}Rg Adopted Levels.

^{282}Rg - $Q(\alpha)$: From [2017Og01](#) review. Other: 9640 210 (syst, [2017Wa10](#)).

 ^{278}Mt Levels

E(level)	$T_{1/2}$	Comments
0	4.5 s $+35-13$	$T_{1/2}$: from Adopted Levels.

 α radiations

$E\alpha$	E(level)	Comments
9.03×10^3 3	0	$E\alpha$: from $Q(\alpha)=9.16$ MeV 3 (2017Og01 and 2015Og05 reviews). Measurements: 9.00 MeV 10 (2011Og07 , 2010Og01); 9.05 MeV 3 and 9.01 MeV 5 (2013Og04); 8.86 MeV 3 (2014Kh04). Assumed as a g.s. to g.s. α transition.