

^{278}Mt α decay (4.5 s) [2011Og04](#),[2013Og04](#),[2014Kh04](#)

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

Parent: ^{278}Mt : $E=0$; $T_{1/2}=4.5\text{ s }+35-13$; $Q(\alpha)=9630\text{ 50}$; $\% \alpha$ decay ≈ 100.0

^{278}Mt - $T_{1/2}$: From ^{278}Mt Adopted Levels.

^{278}Mt - $Q(\alpha)$: From [2017Wa10](#).

 ^{274}Bh Levels

E(level)	$T_{1/2}$	Comments
0	44 s +34-13	$T_{1/2}$: from Adopted Levels.

 α radiations

$E\alpha$	E(level)	Comments
$9.47 \times 10^3\text{ 9}$	0	$E\alpha$: 9.38-9.55 MeV (2017Og01 , 2015Og05 reviews). Measured $E\alpha=9.55\text{ MeV }19$ (2010Og01 , 2011Og04 , 2011Og07 , 2012OgZZ); 9.38-9.55 MeV (2013Og04 , 2012Og06 ; from decay of ^{278}Mt for three events out of a total of 4 events observed); 9.45 MeV 3 (2014Kh04). Assumed as g.s. to g.s. α transition.