

$^{282}\text{Nh}$   $\alpha$  decay (0.07 s) [2007Og02](#),[2013Og01](#),[2007Og01](#)

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

Parent:  $^{282}\text{Nh}$ :  $E=0$ ;  $T_{1/2}=0.07$  s  $+14-3$ ;  $Q(\alpha)=10780$  50;  $\% \alpha$  decay  $\approx 100.0$

$^{282}\text{Nh}$ - $T_{1/2}$ : From  $^{282}\text{Nh}$  Adopted Levels.

$^{282}\text{Nh}$ - $Q(\alpha)$ : From [2017Wa10](#).

$^{282}\text{Nh}$ - $\% \alpha$  decay:  $\% \alpha$  assumed as  $\approx 100$  for  $^{282}\text{Nh}$  decay, as no SF decay observed.

 $^{278}\text{Rg}$  Levels

E(level)	$T_{1/2}$	Comments
0	4.2 ms $+75-17$	$T_{1/2}$ : from Adopted Levels.

 $\alpha$  radiations

$E\alpha$	E(level)	Comments
$10.63 \times 10^3$ 8	0	$E\alpha$ : from <a href="#">2017Og01</a> and <a href="#">2015Og05</a> reviews based on measured values 10.62 MeV 8 and 10.64 MeV 10 in <a href="#">2007Og02</a> and <a href="#">2007Og01</a> . Assumed as g.s. to g.s. $\alpha$ transition.