

²⁷⁸Nh α decay (1.4 ms) [2004Mo42](#),[2007Mo43](#),[2012Mo25](#)

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

Parent: ²⁷⁸Nh: E=0; T_{1/2}=1.4 ms +19-5; Q(α)=11850 50; % α decay \approx 100.0

²⁷⁸Nh-T_{1/2}: From ²⁷⁸Nh Adopted Levels.

²⁷⁸Nh-Q(α): From [2017Wa10](#).

²⁷⁴Rg Levels

E(level)	T _{1/2}	Comments
0	12 ms +17-5	T _{1/2} : from Adopted Levels.

α radiations

E α	E(level)	Comments
11.67 \times 10 ³ 9	0	E α : unweighted average of 11.68 MeV 4 (2004Mo42), 11.52 MeV 4 (2007Mo43) and 11.82 MeV 6 (2012Mo25); from one correlated decay chain in each of the three studies at RIKEN. Assumed as g.s. to g.s. α transition.