

²²⁰Pa α decay (0.07 μ s)

2018Hu13

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	C. Morse	NDS 209,409 (2026)	5-Aug-2025

Parent: ²²⁰Pa: E=289 64; T_{1/2}=0.07 μ s +33-3; Q(α)=9704 11; % α decay=100
²²⁰Pa-E: Based on difference between observed Q α and Q α^{gs} (2021Wa16).
²²⁰Pa-T_{1/2}: From 2018Hu13.
²²⁰Pa-Q(α): From 2021Wa16.
²²⁰Pa-% α decay: Only α decay has been observed (2018Hu13).
2018Hu13: ²²⁰Pa studied at HIRFL, produced as the α -decay daughter of ²²⁴Np. Observed the presence of isomeric states by examining pileup traces following decay of the parent nucleus.

²¹⁶Ac Levels

E(level)	J π	T _{1/2}	Comments
0	(1 ⁻)	0.374 ms 22	J π ,T _{1/2} : From Adopted Levels.

α radiations

E α	E(level)	Comments
9811 62	0	E α : From 2018Hu13.