

²²Ne(α ,²He)

1978Ja10

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia, Anagha Chakraborty		NDS 186, 2 (2022)	31-Mar-2022

²²Ne(α ,²He) E=65 MeV. Measured pp-coincidence, $\sigma(\theta)$, detected ²He two proton breakup in E- Δ E telescope. FWHM=300-600 keV.

²⁴Ne Levels

E(level)	J ^{π} [†]
0	0 ⁺
1980	2 ⁺
3870	2 ⁺
6360	
8150	5 ⁻
9880	
1.135 $\times$ 10 ⁴ 15	(6 ⁺)

[†] Suggested by the authors on the basis of shell model calculations.