

$^{23}\text{Na}(\text{pol } p, \pi^-)$ [1987Ca05](#)

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

$^{23}\text{Na}(\text{pol } p, \pi^-)$, E=199.6 MeV; measured $\sigma(\theta)$, spectra, analyzing power, deduced level, spin.

 ^{24}Al Levels

E(level)	J^π	Comments
0.03×10^3	<i>10</i>	
1.22×10^3	<i>10</i>	
3.39×10^3	10^\dagger	
4.39×10^3	10^\dagger	
5.19×10^3	3 to 8	J^π : 1987Ca05 propose – based on higher population of this state and predicted level energies and spins in the literature.

† Overlaps with 3 or more level energies in the adopted dataset, not referenced (i.e. no XREF).