
 $^{136}\text{Xe}(\text{p,p}),(\text{p,p}') \text{ IAR}$ [1969Mo14,1970Mo11](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 108,2173 (2007)	1-Oct-2006

E=9.77-12.98 MeV.

See also [1978Fo07](#).

Measured: $\sigma(\theta)$ for elastic and inelastic scattering of protons for isobaric analog resonances.

Deduced: E(p) for resonances (C.M.), total Γ , L, J^π .

 ^{137}Cs Levels

E(level)	J^π [†]	Comments
10195 20	7/2 ⁻	
10794 20	3/2 ⁻	
11173 20	1/2 ⁻	
11421 20	9/2 ⁻	
11498 20	5/2 ⁻	
11724 20	7/2 ⁻	J^π : from analysis of 1978Fo07 . 1969Mo14 report 5/2 ⁻ .
11940 20	(5/2 ⁻)	
12050 20	(3/2 ⁻)	
12140 20	(1/2 ⁻)	
12209 20	(5/2 ⁻)	
12399 20	(1/2 ⁻)	
12479 20	(5/2 ⁻)	
12698 20	(3/2 ⁻)	
12788 20	(1/2 ⁻)	

[†] From analysis of isobaric analog resonances in (p,p) ([1969Mo14](#)). These levels are analog to bound levels in ^{137}Xe .