

$^{135}\text{Ba}(\text{d,p})$  1967MoZY,1966So01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan	NDS 152, 331 (2018)	1-Apr-2018

Target  $J^\pi(^{135}\text{Ba})=3/2^+$ .

1966So01: E(d)=15 MeV. Measured  $\sigma(\theta)$  for  $\theta=10^\circ-40^\circ$  in  $5^\circ$  steps using magnetic spectrometer and photographic plates; DWBA analysis.

1967MoZY: no details given.

 $^{136}\text{Ba}$  Levels

E(level) <sup>†</sup>	L <sup>†</sup>	S <sup>‡</sup>	Comments
0	2	2.4 3	
818 20	2(+0) <sup>‡</sup>	0.32 4	S: for L=2, S=0.015 15 for L=0 (1966So01).
1551 20	2		
1579 20	2		
2080 20	2		
2128 20	0		
2182 20			
2222 20			
2400 20			
2660 20	2		

<sup>†</sup> From 1967MoZY, except where noted.

<sup>‡</sup> From 1966So01.