

$^{126}\text{Te}(\text{p,p}')$ 1965Pr01,1975Ma03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	H. Iimura, J. Katakura, S. Ohya		NDS 180, 1 (2022)	1-Oct-2021

1965Pr01: E=12 MeV, 96.5% enriched target 100 $\mu\text{g}/\text{cm}^2$ thick, multigap magnetic spectrograph.
 Others: 1973Ma12, 1973Ma29, 1975Ma03: E=51.9 MeV, broad- range magnetic spectrograph.

 ^{126}Te Levels

Deformation parameters are taken from 1975Ma03; uncertainties are less than 7%.

E(level) [†]	L [‡]	Comments
0.0		
670 5	2	$\beta_2=0.158$.
1360 5	(4)	
1417 5	(2)	
1780 5		
1875 10		
2015 10	4	$\beta_4=0.062$.
2054 10		
2190 10	(1,2)	
2227 10	5	$\beta_5=0.058$.
2320 10		
2395 10	3	$\beta_3=0.118$.
2431 10		
2480 20	(7)	E(level): taken from 1975Ma03. $\beta_7=0.045$.
2505 20		
2742 20	(4)	
2860 20	(3)	$\beta_3=0.042$.
2975 20	(3,4)	
3005 20		
3070 20		

[†] From 1965Pr01, unless noted otherwise.

[‡] From 1975Ma03.