

$^{122}\text{Te}(\text{p},\text{p}')$  1975Ma03,1965Co04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. Tamura	NDS 108, 455 (2007)	30-Sep-2006

1975Ma03, 1973Ma29, 1973Ma12: E(p)=51.9 MeV; broad-range magnetic spectrograph  $\Delta E=0.16\%$ ,  $p(\theta)$   $\theta=9^\circ-90^\circ$ ; enriched target 94.4%; DWBA analysis, deduced L, deformation parameter.

1965Co04: E(p)=11.09 MeV; narrow-range magnetic spectrograph  $\Delta E=12$  keV, scattered proton spectrum at  $\theta=40^\circ$ .

 $^{122}\text{Te}$  Levels

E(level) <sup>†</sup>	L#	Comments
0.0		
564	2	$\beta_2=0.187$ 13
1175 <sup>‡</sup>	7	
1250 <sup>‡</sup>	7	
1353 <sup>‡</sup>	7	
1743	7	E(level): from 1965Co04.
1900	20	
2030	10	4 $\beta_4=0.050$ 4
2190	10	3 $\beta_3=0.132$ 11
2410	10	5 $\beta_5=0.064$ 5
2470	10	(4) $\beta_4=0.035$ 3
2590	40	
2690	40	
2790	40	

<sup>†</sup> E(levels) are from 1975Ma03 in which the energy scale is normalized to E=564 (2<sup>+</sup> level).

<sup>‡</sup> From 1965Co04; unresolved triplet in 1975Ma03.

<sup>#</sup> From 1975Ma03.