

$^{13}\text{C}(\alpha,\text{p})$ 1986An30

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, D. R. Tilley, H. R. Weller and C. M. Cheves		NP 564 1 (1993)	31-Dec-1992

Projectile: energy: 118 MeV.

 ^{16}N Levels

E(level)	J^π	$T_{1/2}$	Comments
0.	2^-		
0.12×10^3	0^-		
0.30×10^3	3^-		
0.40×10^3	1^-		
3.36×10^3			
3.52×10^3			
3.96×10^3		≤ 20 keV	
4.40×10^3		110 keV 30	
4.77×10^3		170 keV 30	
5.05×10^3			
5.14×10^3			
5.23×10^3			
5.73×10^3	$4^-, 5^+$	≤ 20 keV	Possible doublet.
6.17×10^3	4^-	< 20 keV	
6.44×10^3		260 keV 50	
6.60×10^3		< 20 keV	
6.82×10^3		< 20 keV	
7.57×10^3		< 20 keV	
7.64×10^3		< 20 keV	
$7.68 \times 10^3?$	$4^-, 5^-$	< 20 keV	
8.83×10^3		45 keV 30	
9.08×10^3		195 keV 30	
9.35×10^3		90 keV 30	
9.49×10^3		70 keV 30	
9.70×10^3		≤ 30 keV	
9.81×10^3		90 keV 30	
10.07×10^3		35 keV 20	
10.40×10^3			
10.80×10^3			
11.21×10^3	(6^-)	≤ 30 keV	
11.66×10^3		170 keV 40	
11.81×10^3	(7^-)	≤ 20 keV	
12.27×10^3		≈ 100 keV	
12.46×10^3		90 keV 30	
12.61×10^3		100 keV 30	
12.95×10^3		170 keV 30	
13.35×10^3		60 keV 30	
13.65×10^3		45 keV 30	
14.41×10^3		≈ 100 keV	