

$^{13}\text{C}(\text{p},\gamma), ^{13}\text{C}(\text{p},\text{p}'\gamma)$ res 1991Aj01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	F. Ajzenberg-selove, J. H. Kelley and C. D. Nesaraja		NP A523,1 (1991)	1-Jul-1990

 ^{14}N Levels

E(level)	J^π	$T_{1/2}$	L	Comments
2312.9 3				T=0
3948.2 2				
5105.9 3				
5691.55 13	1 ⁻			T=0
6203.7 6				
6446.3 2	3 ⁻			
7.03×10 ³	2			
7966.9 5	2 ⁻	<0.37 keV	2	
8062 1	1 ⁻	23 keV 1	0	T=1
8490 2	(4 ⁻)	≤0.2 keV	4	T=0
8620 2	0 ⁺	3.8 keV 3	1	T=1
8776 7	0 ⁻	410 keV 20	0	T=1
8907 3	3 ⁻	16 keV 2	2	T=1
				$\Gamma_{\gamma 0}=11.0$ keV 17
8964 2	5 ⁺	<1 keV		T=0
8980 3	2 ⁺	8 keV 2	1,(3)	
9128.7 1	3 ⁺	<1 keV		T=0
9172.5 3	2 ⁺	135 keV 8		T=1
				$\Gamma_{\gamma 0}/\Gamma_{\gamma}=0.79$ 4
9388 3	3 ⁻ ,2 ⁻	13 keV 3	2	
9509 3	2 ⁻	41 keV 2	2	T=1
9703 4	1 ⁺	15 keV 3	1	
10096 9	1 ⁺ , (2 ⁺)	12 keV 3	1	
10228 5	1 ⁽⁻⁾	80 keV 15	0,2	T=0
10432 5	2 ⁺	33 keV 3	1	T=1
10.52×10 ³	1 ⁻	140 keV	0,2	
11.00×10 ³ 3		165 keV 30		
11050 5	3 ⁺	1.2 keV 4		$\Gamma_{\gamma 0}=1.2$ keV 4
11.07×10 ³	1 ⁺	100 keV		
11.21×10 ³ 3		220 keV 30		
11.24×10 ³	3 ⁻	11 keV	2	
11.30×10 ³	2 ⁻	175 keV	2	
11.39×10 ³	1 ⁺	28 keV		
11750 14	1 ⁺	115 keV 10		
12492 9		48 keV 7		(2J+1) $\Gamma_{\gamma} \geq 200$ eV.
13.01×10 ³ 2		120 keV 30		
13.30×10 ³ 9	(2 ⁻)	1000 keV 150		T=1
13.69×10 ³ 2				
22.5×10 ³	2 ⁻			T=1
23.0×10 ³	2 ⁻			T=1