

$^{14}\text{N}(\text{e,e}), ^{14}\text{N}(\text{e,e}')$ 1991Aj01,1976Aj04

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	$T_{1/2}$	Comments
0			
2.31×10^3			
3.95×10^3			
4.92×10^3			
5.11×10^3			
5.69×10^3			
5.83×10^3			
8.06×10^3	1^-		$\Gamma_{\gamma 0} = 10.5 \text{ eV } 6$ T=1
8.91×10^3	3^-		T=1
9.17×10^3	2^+	122 eV 8	$\Gamma_{\gamma 0} = 6.6 \times 10^{-3} \text{ eV } 22$ T=1
10.43×10^3	2^+	44 keV	$\Gamma_{\gamma 0} = 6.3 \text{ eV } 3$ $\Gamma_{\gamma 0} = 9.6 \text{ eV } 19$ T=1
11.24×10^3	(3^-)		
12.50×10^3			
12.54×10^3	10 0,1,2,3		$\Gamma_{\gamma 0} = 14.7 \text{ eV } 32$
12.81×10^3	4^-		
13.17×10^3			
13.27×10^3	10 0,1,2,3		
13.71×10^3			
13.76×10^3	10 0,1,2	105 keV 20	$\Gamma_{\gamma 0} = 4 \times 10^{-3} \text{ eV } 1$
14.66×10^3			
14.72×10^3	3 (2^-)	$\approx 100 \text{ keV}$	
15.01×10^3	3 $3^-, 4^-$	$\approx 100 \text{ keV}$	T=1
15.43×10^3			
15.7×10^3			
16.11×10^3	10 0,1,2,3		
16.91×10^3	2 5^-	170 keV 20	T=1
17.2×10^3			
17.46×10^3			
17.8×10^3			
18.48×10^3	4 5^-		T=1
20.11×10^3	2 $3^-, 4^-$	120 keV 20	T=1

 $\gamma(^{14}\text{N})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	Mult.
8.06×10^3	8.06×10^3	1^-	0	E1
8.91×10^3	8.91×10^3	3^-	0	M2
9.17×10^3	9.17×10^3	2^+	0	M1
10.43×10^3	10.43×10^3	2^+	0	M1
11.24×10^3	11.24×10^3	(3^-)	0	C3

Continued on next page (footnotes at end of table)

$^{14}\text{N}(\text{e,e}), ^{14}\text{N}(\text{e,e}') \quad \mathbf{1991Aj01, 1976Aj04}$ (continued) $\gamma(^{14}\text{N})$ (continued)

E_γ	$E_i(\text{level})$	J_i^π	E_f	Mult.	E_γ	$E_i(\text{level})$	J_i^π	E_f	Mult.
12.54×10^3 10	12.54×10^3	0,1,2,3	0	M1,C2	15.00×10^3 3	15.01×10^3	$3^-, 4^-$	0	M4
12.80×10^3	12.81×10^3	4^-	0	C3	16.10×10^3 10	16.11×10^3	0,1,2,3	0	M2
13.26×10^3 10	13.27×10^3	0,1,2,3	0	M1,M2,C2	16.91×10^3 2	16.91×10^3	5^-	0	M4
13.75×10^3 10	13.76×10^3	0,1,2	0	M1,C1	18.47×10^3 4	18.48×10^3	5^-	0	M4
14.72×10^3 3	14.72×10^3	(2^-)	0	M2	20.09×10^3 2	20.11×10^3	$3^-, 4^-$	0	M4

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Level Scheme

