

Table 15.13 from (1981AJ01): Gamma radiation from $^{14}\text{N}(n, \gamma)^{15}\text{N}$

Transition in ^{15}N	E_γ ^a (keV)	E_x (keV)	I_γ ^c	
	(1974GR37, 1980GR1E)	(1974GR37, 1979GR1M)	(1967TH05)	(1971BE34)
C \rightarrow 0	10829.10 \pm 0.04	10833.24 \pm 0.04	13.3 \pm 2.0	13.8 \pm 0.2
C \rightarrow 5.27	5562.07 \pm 0.04		10.3 \pm 0.5	10.3 \pm 0.4
C \rightarrow 5.30	5533.40 \pm 0.04		18.8 \pm 0.9	18.9 \pm 0.4
C \rightarrow 6.32	4508.67 \pm 0.05		16.6 \pm 0.8	15.3 \pm 0.4
C \rightarrow 7.16	3677.75 \pm 0.06		15.9 \pm 0.8	16.2 \pm 0.3
C \rightarrow 7.30	3532.10 \pm 0.15		9.9 \pm 0.5	10.2 \pm 0.1
C \rightarrow 8.31	2520.62 \pm 0.11		6.1 \pm 0.3	5.8 \pm 0.3
C \rightarrow 9.05				0.7 \pm 0.4
C \rightarrow 9.152	1681.59 \pm 0.23		1.4 \pm 0.3 ^d	
			9.2 \pm 0.5	
C \rightarrow 9.155	1678.26 \pm 0.06			9.5 \pm 0.3
C \rightarrow 9.76		9757.5 \pm 3 ^e		0.2 \pm 0.05
C \rightarrow 9.93				0.1 \pm 0.04
5.27 \rightarrow 0	5269.12 \pm 0.04	5270.12 \pm 0.04 ^f	30.6 \pm 1.5	31.2 \pm 0.7
5.30 \rightarrow 0	5297.79 \pm 0.04	5298.80 \pm 0.04 ^f	21.4 \pm 1.1	22.2 \pm 0.4
6.32 \rightarrow 0	6322.47 \pm 0.06	6323.91 \pm 0.06 ^f	18.8 \pm 0.9	18.1 \pm 1.3
7.16 \rightarrow 0		7155.06 \pm 0.06 ^f		
7.16 \rightarrow 5.27	1884.82 \pm 0.05		19.7 \pm 1.0	20.5 \pm 0.2
7.16 \rightarrow 5.30	1857 \pm 2 ^b		0.8 \pm 0.2	
7.30 \rightarrow 0	7299.18 \pm 0.17	7301.09 \pm 0.17	10.0 \pm 0.5	9.2 \pm 0.2
7.30 \rightarrow 5.30				1.2 \pm 0.4
8.31 \rightarrow 0	8310.32 \pm 0.14	8312.79 \pm 0.14	4.4 \pm 0.4	3.6 \pm 0.1
				1.1 \pm 0.4
8.31 \rightarrow 6.32	1989 \pm 2 ^b		1.5 \pm 0.3	1.5 \pm 0.2
8.57 \rightarrow 0	8570 \pm 4 ^b	8573 \pm 4 ^b	0.2 \pm 0.03	0.2 \pm 0.04
9.05 \rightarrow 0	9047 \pm 4 ^b	9050 \pm 4 ^b	0.2 \pm 0.03	0.3 \pm 0.05
9.152 \rightarrow 0	9148.61 \pm 0.23	9151.61 \pm 0.23 ^f	1.7 \pm 0.2	
9.155 \rightarrow 0		9154.92 \pm 0.07 ^f		1.6 \pm 0.07
9.155 \rightarrow 5.27	3884.38 \pm 0.10		0.8 \pm 0.1	0.8 \pm 0.2
9.155 \rightarrow 5.30	3855 \pm 2 ^b		1.0 \pm 0.1	0.4 \pm 0.04

Table 15.13 from (1981AJ01): Gamma radiation from $^{14}\text{N}(n, \gamma)^{15}\text{N}$ (continued)

Transition in ^{15}N	E_γ ^a (keV)	E_x (keV)	I_γ ^c	
	(1974GR37, 1980GR1E)	(1974GR37, 1979GR1M)	(1967TH05)	(1971BE34)
9.155 \rightarrow 6.32	2831.13 ± 0.11		2.0 ± 0.2	2.4 ± 0.4
9.155 \rightarrow 7.16	1999.73 ± 0.08		4.6 ± 0.2	3.9 ± 0.4
9.155 \rightarrow 7.30				0.9 ± 0.2

C = capturing state.

^a See also Table 15.13 in (1976AJ04) and (1979GR1M).

^b (1967TH05).

^c In units of photons/100 captures.

^d (1968GR14).

^e (1971BE34).

^f E.K. Warburton, private communication.