

Table 15.13 from (1986AJ01): Gamma radiation from $^{14}\text{N}(n, \gamma)^a$

Transition in ^{15}N	E_γ^b (keV)	E_x^b (keV)	I_γ^c
C \rightarrow 0	10829.10 (2)	10833.30 (1.4)	13.8 (7)
C \rightarrow 5.27	5562.04 (2)		10.7 (1.4)
C \rightarrow 5.30	5533.40 (2)		20.0 (2.6)
C \rightarrow 6.32	4508.71 (3)		16.6 (2.6)
C \rightarrow 7.16	3677.73 (2)		14.9 (2.7)
C \rightarrow 7.30	3532.00 (3)		9.72 (19)
C \rightarrow 8.31	2520.47 (2)		6.16 (24)
C \rightarrow 9.05			a
C \rightarrow 9.152	1681.12 (6)		a
C \rightarrow 9.155	1678.24 (3)		a
C \rightarrow 9.76		9757.5 (30) ^a	a
C \rightarrow 9.93			a
5.27 \rightarrow 0	5269.14 (2)	5270.15 (2)	30.1 (4.1)
5.30 \rightarrow 0	5297.79 (2)	5298.80 (2)	21.1 (3)
6.32 \rightarrow 0	6322.47 (3)	6323.89 (2)	18.8 (3)
7.16 \rightarrow 0		7155.11 (2)	
7.16 \rightarrow 5.27	1884.85 (2)		19.7 (10) ^e
7.16 \rightarrow 5.30			0.8 (2) ^e
7.30 \rightarrow 0	7298.98 (4)	7300.86 (2)	9.59 (19)
7.30 \rightarrow 5.30			a
8.31 \rightarrow 0	8310.14 (4)	8312.60 (2)	4.20 (12)
8.31 \rightarrow 6.32	1989 (2) ^e		1.5 (3) ^e
8.57 \rightarrow 0	8570 (4) ^e		0.2 (0.3) ^e
9.05 \rightarrow 0	9047 (4) ^e		0.2 (0.3) ^e
9.152 \rightarrow 0		9152.14 (6)	
	9149.18 (3)		1.67 (7)
9.155 \rightarrow 0		9155.00 (4)	
9.155 \rightarrow 5.27	3884.28 (7) ^d		0.8 (1) ^e
9.155 \rightarrow 5.30	3855.60 (7) ^d		1.0 (1) ^e
9.155 \rightarrow 6.32	2830.75 (9) ^d		2.03 (9)
9.155 \rightarrow 7.16	1999.73 (10) ^d		4.6 (2) ^e

Table 15.13 from (1986AJ01): Gamma radiation from $^{14}\text{N}(n, \gamma)$ ^a (continued)

Transition in ^{15}N	E_{γ} ^b (keV)	E_x ^b (keV)	I_{γ} ^c
9.155 \rightarrow 7.30			^a

C = capturing state.

^a See also [Table 15.13 in \(1981AJ01\)](#).

^b Weighted mean of values from ([1980GR12](#), [1983KE11](#)); uncertainties are rounded off. 12 eV has been added in quadrature to the uncertainties of ([1983KE11](#)). I am very grateful to T.J. Kennett for his comments. See also ([1981KE02](#)).

^c In units of photons/100 captures. based on earlier values of ([1967TH05](#)) but recalculated by ([1980KE1K](#)).

^d ([1980GR12](#)).

^e ([1967TH05](#)).