Table 17.2 from (1993TI07): Energy levels of ^{17}N [a]

E_x in ^{17}N (MeV ± keV)	$J^\pi; T$	τ or Γ	Decay	Reactions
0	$\frac{1}{2}^-; \frac{3}{2}$	$\tau_{1/2} = 4.173 \pm 0.004$ sec	β^- [b]	1, 2, 3, 4, 5, 6, 7, 8
1.3739 ± 0.3	$\frac{3}{2}^-$	$\tau_m = 93 \pm 35$ fsec	γ	3, 5, 6, 7, 8
1.8496 ± 0.3	$\frac{1}{2}^+$	41^{+20}_{-9} psec	γ	3, 5, 6, 7, 8
1.9068 ± 0.3	$\frac{5}{2}^-$	11 ± 2 psec	γ	3, 4, 5, 6, 7, 8
2.5260 ± 0.5	$\frac{5}{2}^+$	33 ± 3 psec	γ	3, 4, 5, 7, 8
3.1289 ± 0.5	$\frac{7}{2}^-$	275 ± 80 psec	γ	3, 5, 7, 8
3.2042 ± 0.9	$\frac{3}{2}^-$	< 30 fsec	γ	3, 5, 7, 8
3.6287 ± 0.7	$(\frac{7}{2}, \frac{9}{2})^-$ [c]	12 ± 2 psec	γ	3, 4, 5
3.663 ± 4	$\frac{1}{2}^-$	< 350 fsec	γ	3, 5
3.9060 ± 2.0	$(\frac{3}{2}, \frac{5}{2})^-$ [c]	52 ± 22 fsec	γ	3, 5
4.0064 ± 2.0	$\frac{3}{2}^{(+)}$ [c]	< 15 fsec	γ	3, 4, 5, 7
4.209 ± 3	$\frac{5}{2}^+$	< 70 fsec	γ	3, 5
4.415 ± 3	$(\frac{3}{2}, \frac{5}{2})^-$ [c]	$(< 60$ fsec$)$	γ	3, 5
5.170 ± 2	$(\frac{9}{2}^+)$ [c]	< 60 fsec	γ	3, 4, 5, 7
5.195 ± 3	$\frac{3}{2}^+$ [c]	< 95 fsec	γ	3, 5
5.515 ± 3	$\frac{3}{2}^-$	< 100 fsec	γ	3, 5, 7
5.772 ± 3	$\frac{1}{2}, \frac{3}{2}^+$ [c]	< 120 fsec	γ	3, 5
(6.08 ± 30)				3
6.233 ± 8				3, 5
6.449 ± 3				3, 5
6.615 ± 19				3, 5
6.938 ± 15				5
6.981 ± 20	$\frac{3}{2}^-$ [c]			3, 5, 7
7.013 ± 22				3, 5, 7
7.17 ± 40				3
7.37 ± 40				3
7.63 ± 40				3
7.73 ± 40				3
8.00 ± 25				3
8.14 ± 40				3
8.55 ± 40		broad		3

Table 17.2 from (1993TI07): Energy levels of ^{17}N [a] (continued)

E_x in ^{17}N (MeV $\pm$ keV)	$J^\pi; T$	τ or Γ	Decay	Reactions
8.93 ± 40		broad		3
9.26 ± 40		broad		3
9.74 ± 40		broad		3
10.14	$(\frac{1}{2}, \frac{3}{2})^-$			7

[a] See also (1984BA24) and Table 17.3.

[b] See also Tables 17.4 and 17.5.

[c] Arguments presented in the appendix of (1989WA06) favor assigments (E_x(MeV), J^π) = (3.629, $\frac{9}{2}^-$; 3.906, $\frac{5}{2}^-$; 4.006, $\frac{3}{2}^+$; 4.415, $\frac{5}{2}^-$; 5.170, $\frac{9}{2}^+$; 5.195, $\frac{3}{2}^+$; 5.772, $\frac{3}{2}^+$).