

Table 17.1 from (1971AJ02): Energy levels of ^{17}N ^a

E_x in ^{17}N (MeV \pm keV)	$J^\pi; T$	τ or $\Gamma_{\text{c.m.}}$	Decay	Reactions
0	$\frac{1}{2}^-; \frac{3}{2}$	$\tau_{1/2} = 4.16 \pm 0.01$ sec	β^-	1, 2, 3, 4, 5, 6, 9
1.3707 \pm 0.8	$\leq \frac{3}{2}$	$\tau_m < 0.2$ psec	γ	2, 9
1.861 \pm 10	$\frac{1}{2}^+$		γ	9
1.9080 \pm 0.8	$\geq \frac{5}{2}$	$\tau_m > 0.5$ psec	γ	2, 9
2.5279 \pm 3.6			γ	2, 9
3.1342 \pm 4.6		$\tau_m < 0.3$ psec	γ	2, 9
3.220 \pm 6		$\tau_m > 0.3$ psec	γ	2, 9
3.661 \pm 6			γ	2, 9
3.684 \pm 12				9
3.928 \pm 12				9
4.023 \pm 12			γ	2, 9
4.215 \pm 25			γ	2, 9
4.470 \pm 10			γ	2
5.176 \pm 15			γ	2, 9
5.195 \pm 15			γ	2, 9
5.523 \pm 11	$(\frac{3}{2}^-)$		γ	2, 9
5.787 \pm 15			γ	9
5.832 \pm 11			γ	2, 9
6.08 \pm 31				2
6.24 \pm 24				2
6.43 \pm 30				2
6.61 \pm 24				2
6.99 \pm 24				2
7.17 \pm 40				2
7.37 \pm 40				2
7.63 \pm 40				2
7.78 \pm 18				2
8.00 \pm 24				2
8.14 \pm 40				2
8.55 \pm 40		broad		2
8.93 \pm 40		broad		2
9.26 \pm 40		broad		2
9.74 \pm 40		broad		2

^a See also [Table 17.4](#).