

Table 12.22 from (1985AJ01): Energy levels of ^{12}N

E_x (MeV \pm keV)	$J^\pi; T$	$\tau_{1/2}$ or $\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
0	$1^+; 1$	$\tau_{1/2} = 11.000 \pm 0.016$ msec	β^+	1, 2, 3, 4, 5, 6, 7, 8, 9
0.960 ± 12	2^+	$\Gamma < 20$ keV		3, 6, 7, 9
1.191 ± 8	2^-	118 ± 14	(p)	3, 6, 7
1.80 ± 30	1^-	750 ± 250	(p)	7
2.439 ± 9	0^+	68 ± 21	(p)	3, 7, 9
3.132 ± 8	$2^+, 3^-$	220 ± 20	(p)	3, 7
3.558 ± 9	$(1)^+$	220 ± 25	(p)	3, 6, 7
4.140 ± 10^a	$2^- + 4^-$	825 ± 25	(p)	3, 6, 7
5.348 ± 13	3^-	180 ± 23	(p)	3, 6, 7
(5.60 ± 11)		120 ± 50	(p)	7
6.40 ± 30^a	(1^-)	1200 ± 30	(p)	7
7.40 ± 50^a	(1^-)	1200 ± 30	(p)	7
7.684 ± 21^a		200 ± 32	(p)	3, 6, 7
8.446 ± 17^a		90 ± 30		3
9.035 ± 12		< 35		3
(9.42 ± 100)		≈ 200		7
9.80 ± 20		450 ± 100		7
10.30 ± 20		450 ± 100		7
11.00 ± 20		350 ± 100		7

^a Probably corresponds to unresolved states. See Table 12.23 and reaction 7.