Table 18.21 from (1983AJ01): Energy levels of ^{18}Ne [a]

E_x (MeV $\pm$ keV)	$J^\pi; T$	τ or $\Gamma_{c.m.}$ (keV)	Decay	Reactions
0	$0^+; 1$	$\tau_{1/2} = 1672 \pm 5$ msec	β^+	1, 2, 6, 7
1.8873 ± 0.2	2^+	$\tau_m = 0.67 \pm 0.06$ psec	γ	2, 6, 7
3.3762 ± 0.4	4^+	$\tau_m = 4.4 \pm 0.6$ psec	γ	2, 3, 4, 7
3.5763 ± 2.0	0^+	$\tau_m = 4 \pm 2$ psec	γ	2, 7
3.6164 ± 0.6	2^+	$\tau_m = 63^{+30}_{-20}$ fsec	γ	2, 7
4.519 ± 8	1^-	$\Gamma \leq 20$	(p)	2, 7
4.590 ± 8	0^+	≤ 20	(p)	2, 7
5.090 ± 8	$(2^+, 3^-)$	40 ± 20	(p)	2, 7
5.146 ± 7	$(2^+, 3^-)$	25 ± 15		2, 7
5.453 ± 10		≤ 50		7
6.297 ± 10	(4^+)	≤ 60		2, 7
6.353 ± 10		≤ 60		7
7.059 ± 10	$(1^-, 2^+)$	180 ± 50		2
7.713 ± 10		≤ 50		2, 7
7.910 ± 10	$(1^-, 2^+)$	≤ 50		2
7.950 ± 10		≤ 60		7
8.086 ± 10		≤ 50		2
8.500 ± 30		≤ 120		2
9.201 ± 9		≤ 50		7

[a] See also Table 18.22.