

Table 18.23 from (1972AJ02): Energy levels of ^{18}Ne ^a

E_x (MeV \pm keV)	$J^\pi; T$	τ or $\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
0	$0^+; 1$	$\tau_{1/2} = 1.67 \pm 0.02$ sec	β^+	1, 2, 3
1.8873 ± 0.2	2^+	$\tau_m = 0.49^{+0.17}_{-0.09}$ psec	γ	2, 3
3.3762 ± 0.4	4^+	4.4 ± 0.6 psec	γ	2, 3
3.576 ± 2	0^+	$2 < \tau_m < 6$ psec	γ	2, 3
3.6164 ± 0.6	2^+	$0.063^{+0.030}_{-0.020}$ psec	γ	2, 3
4.510 ± 10	(1^-)	$\Gamma \leq 40$		2, 3
4.580 ± 10	(0^+)	≤ 40		2, 3
5.075 ± 13		≤ 60		2, 3
5.135 ± 12		≤ 60		2, 3
6.30 ± 20		180 ± 60		2, 3
7.062 ± 12	$(2^+, 1^-)$	180 ± 50		2
7.712 ± 20		≤ 50		2
7.915 ± 12	$(2^+, 1^-)$	≤ 50		2, 3
8.100 ± 14		≤ 50		2, 3
8.50 ± 30		≤ 120		2
9.20 ± 20				3

^a See also [Table 18.26](#).