

Table 19.2 from (1978AJ03):
Lifetime measurements of some ^{19}O states ^a

$^{19}\text{O}^*$ (MeV)	τ_m	Reaction	Refs.
0.096	2.00 ± 0.07 nsec	$^{18}\text{O}(\text{d}, \text{p})$	(1965MC10)
1.472	1.27 ± 0.17 psec	$^{18}\text{O}(\text{d}, \text{p})$	(1973WA10)
2.37	> 3.5 psec	$^{17}\text{O}(\text{t}, \text{p}), ^{18}\text{O}(\text{d}, \text{p})$	(1971HI06)
2.78	70 ± 26 fsec	$^{17}\text{O}(\text{t}, \text{p}), ^{18}\text{O}(\text{d}, \text{p})$	(1971BR02)
	117 ± 26 fsec	$^{17}\text{O}(\text{t}, \text{p}), ^{18}\text{O}(\text{d}, \text{p})$	(1971HI06)
3.07	≥ 1 psec	$^{17}\text{O}(\text{t}, \text{p}), ^{18}\text{O}(\text{d}, \text{p})$	(1971BR02)
3.15	≥ 1 psec ^b	$^{17}\text{O}(\text{t}, \text{p}), ^{18}\text{O}(\text{d}, \text{p})$	(1971BR02)

^a See also [Table 19.2 in \(1972AJ02\)](#).

^b See, however, [\(1976SO08\)](#).