

Table 14.21 from (1981AJ01): Energy levels of ^{14}O

E_x (MeV \pm keV)	$J^\pi; T$	$\tau_{1/2}$ (sec) or $\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
g.s.	$0^+; 1$	$\tau_{1/2} = 70.606 \pm 0.018$ sec	β^+	1, 2, 5, 8, 9, 10, 11, 13
5.173 ± 10	$1^-; 1$			2, 6, 11, 13
5.920 ± 10	$0^+; 1$	$\Gamma \leq 50$ keV	p	2, 6, 11, 13
6.272 ± 10	$3^-; 1$	103 ± 6	p	2, 3, 4, 5, 6, 11, 13
6.590 ± 10	$2^+; 1$	≤ 60	p	2, 11, 13
(6.79 ± 30)	$\pi = -$			11
7.768 ± 10	$2^+; 1$	76 ± 10	p	2, 10, 11, 13
(8.72 ± 40)				6, 11, 13
9.715 ± 20	$(2^+); 1$			2, 6, 11, 13
9.915 ± 20	$4^+; 1$	100 ± 50		2, 3, 4, 5, 6
10.89 ± 50				11
11.24 ± 50				11
11.97^a				11
12.84 ± 50				11
13.01 ± 50				11
14.15 ± 40				11
14.64 ± 60				11
17.40 ± 60				11

^a Possibly more than one level.