

Table 14.25 from (1986AJ01): Energy levels of  $^{14}\text{O}$

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$\tau_{1/2}$ or $\Gamma_{\text{c.m.}}$ (sec) (keV)	Decay	Reactions
g.s.	$0^+; 1$	$\tau_{1/2} = 70.606 \pm 0.018 \text{ sec}$	$\beta^+$	1, 2, 4, 5, 7, 8, 9, 10, 11
$5.173 \pm 10$	$1^-; 1$	$\Gamma = 38.1 \pm 1.8 \text{ keV}$		2, 4, 6, 9, 11
$5.920 \pm 10$	$0^+; 1$	$\leq 50$	p	2, 4, 9, 11
$6.272 \pm 10$	$3^-; 1$	$103 \pm 6$	p	2, 3, 4, 9, 11
$6.590 \pm 10$	$2^+; 1$	$\leq 60$	p	2, 9, 11
$(6.79 \pm 30)$	$\pi = -$			9
$7.768 \pm 10$	$2^+; 1$	$76 \pm 10$	p	2, 8, 9, 11
$(8.72 \pm 40)$				4, 9, 11
$9.715 \pm 20$	$(2^+); 1$			2, 4, 9, 11
$9.915 \pm 20$	$4^+; 1$	$100 \pm 50$		2, 3, 4
$10.89 \pm 50$				9
$11.24 \pm 50$				9
$11.97^{\text{a}}$				9
$12.84 \pm 50$				9
$13.01 \pm 50$				9
$14.15 \pm 40$				9
$14.64 \pm 60$				9
$17.40 \pm 60$				9

<sup>a</sup> Possibly more than one level.