

Table 14.22 from (1991AJ01): Energy levels of  $^{14}\text{O}$

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

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