

Table 14.1 from (1970AJ04): Energy levels of  $^{14}\text{C}$

$E_x$ in $^{14}\text{C}$ (MeV $\pm$ keV)	$J^\pi; T$	$\tau$ or $\Gamma$ (keV)	Decay	Reactions
g.s.	$0^+; 1$	$\tau_{1/2} = 5692 \pm 21$ y	$\beta^-$	1, 3, 4, 6, 7, 8, 9, 10, 11, 14, 15, 17, 18, 19, 20, 21, 22, 23, 27, 28, 29, 30, 31
$6.0932 \pm 1.3$	$1^-$	$\tau_m < 0.3$ psec	$\gamma$	3, 4, 7, 9, 11, 14, 18, 20
$6.5892 \pm 1.4$	$0^+$	$> 0.6$ psec	$\gamma$	4, 7, 9, 14, 18
$6.7281 \pm 1.4$	$3^-$	$97 \pm 15$ psec	$\gamma$	4, 7, 9, 14, 17, 18, 20
$6.9012 \pm 1.5$	$0^-$	$< 0.3$ psec	$\gamma$	4, 9, 14, 17
$7.0117 \pm 5.2$	$2^+$	$< 0.12$ psec	$\gamma$	4, 7, 9, 18
$7.3414 \pm 3.4$	$2^-$	$< 0.22$ psec	$\gamma$	4, 7, 9, 14, 18
$8.318 \pm 5$	$(1, 2)^+$	$\Gamma = 12$	n	9, 12, 14, 18
$9.801 \pm 8$	(1)	19	n	12, 14, 18
$10.433 \pm 10$	(2)	16	n	12, 14, 18
$10.453 \pm 10$	$\geq 1$	9	n	12, 14, 18
$10.74 \pm 20$		$< 15$		7, 9
$(11.35 \pm 50)$				7
$(11.66 \pm 50)$				7
$11.9 \pm 300$		$950 \pm 300$		12, 14
$12.601 \pm 20$		$110 \pm 20$		14
$12.854 \pm 20$				14
$12.958 \pm 20$				14