

Table 20.2 from (1998TI06): Energy Levels of  $^{20}\text{O}$

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$\tau$	Decay	Reactions
0	$0^+; 2$	$\tau_{1/2} = 13.51 \pm 0.05$ s	$\beta^-$	1, 2, 3, 4
$1.67368 \pm 0.15$	$2^+$	$\tau_m = 10.5 \pm 0.4$ ps $g = -0.352 \pm 0.015$	$\gamma$	2, 3, 4
$3.570 \pm 7$	$4^+$		$(\gamma)$	2, 3, 4
$4.072 \pm 4$	$2^+$		$\gamma$	2, 4
$4.456 \pm 5$	$0^+$		$\gamma$	2, 4
$4.850 \pm 15$	$4^+$		$(\gamma)$	2
$5.002 \pm 6$			$(\gamma)$	2
$5.234 \pm 5$	$2^+$		$(\gamma)$	2
$5.304 \pm 6$	$2^+$		$(\gamma)$	2
$5.387 \pm 6$	$0^+$		$\gamma$	2
$5.614 \pm 3$	$(3^-)$		$(\gamma)$	2
$6.555 \pm 8$	(2)		$(\gamma)$	2
$7.252 \pm 8$	$5^-$		$(\gamma)$	2
$7.622 \pm 7$	$3^- + 4^-$			2
$7.754 \pm 5$	$4^+$			2, 3
$7.855 \pm 6$	$(5^-)$			2, 3
$8.554 \pm 8$	$4^+$			2
$8.804 \pm 9$	$3^-$			2, 3
$8.962 \pm 21$	$(0^+)$			2
$9.770 \pm 8$	$0^+$			2
$10.125 \pm 11$	$2^+$			2, 3