

Table 13.1 from (1976AJ04): Energy levels of  $^{13}\text{B}$

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$\tau$ or $\Gamma_{\text{cm}}$ (keV)	Decay	Reactions
g.s.	$\frac{3}{2}^-; \frac{3}{2}$	$\tau_{1/2} = 17.36 \pm 0.16$ msec	$\beta^-$	1, 2, 3, 4, 5
$3.483 \pm 5$	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$		$\gamma$	2, 4
$3.5347 \pm 3.1$	$(\frac{1}{2}, \frac{5}{2}, \frac{5}{2})^-$	$\tau_m > 0.3$ psec	$\gamma$	2, 4
$3.681 \pm 5$	$(\frac{1}{2}, \frac{3}{2}, \frac{5}{2})^+$		$(\gamma)$	2, 4, 5
$3.712 \pm 5$	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$	$\tau_m < 0.38$ psec	$(\gamma)$	2, 4, 5
$4.131 \pm 5$	$(\frac{1}{2}, \frac{5}{2}, \frac{7}{2})^-$	$\tau_m = 0.062 \pm 0.050$ psec	$\gamma$	2, 4
$4.828 \pm 6$			$(\gamma)$	2, 4
$5.023 \pm 6$				2, 4
$5.109 \pm 10$		$\Gamma = 60 \pm 8$ keV		4
$5.390 \pm 7$		$15 \pm 5$		2, 4
$5.557 \pm 7$				2
$6.168 \pm 7$				2, 4
$6.419 \pm 8$				2
$6.939 \pm 15$				2
$7.516 \pm 8$				2
$7.859 \pm 20$				2
$8.129 \pm 10$				2
$8.682 \pm 9$				2