

Table 8.15 from (2004TI06): Energy levels of ${}^8\text{B}$ ^a

E_x (MeV \pm keV)	$J^\pi; T$	$\tau_{1/2}$ or Γ_{cm} (keV)	Decay	Reactions
g.s.	$2^+; 1$	$\tau_{1/2} = 770 \pm 3$ msec	β^+	1 , 2 , 3 , 4 , 5 , 6 , 8 , 9 , 10 , 12
0.7695 ± 2.5 ^{b,c}	$1^+; 1$ ^{c,d}	$\Gamma = 35.6 \pm 0.6$ ^{b,c}	γ, p	2 , 3 , 4 , 6 , 7 , 9 , 10 , 12
2.32 ± 20 ^c	$3^+; 1$	350 ± 30 ^c		4 , 6 , 7 , 9 , 10 , 12
3.5 ± 500 ^c	2^-	8 ± 4 MeV ^c		6 , 7
10.619 ± 9	$0^+; 2$	< 60		12

^a See [reactions 6](#) and [7](#) for evidence of additional states.

^b Average of values from [reactions 3](#), [6](#) and [7](#).

^c From data reviewed in this evaluation.

^d See ([2004TA17](#)).