

Table 13.2 from (1981AJ01): Beta decay of ^{13}B ^a

Decay to $^{13}\text{C}^*$ (MeV)	J^π	Branch (%)	$\log ft$ ^b
0	$\frac{1}{2}^-$	92.1 ± 0.8	4.01 ± 0.01
3.09	$\frac{1}{2}^+$	≤ 0.7	≥ 5.7
3.68	$\frac{3}{2}^-$	7.6 ± 0.8	4.45 ± 0.04
3.85	$\frac{5}{2}^+$	≤ 0.7	≥ 5.5
7.55 ^c	$\frac{5}{2}^-$	0.094 ± 0.020	5.33 ± 0.08
8.86	$\frac{1}{2}^-$	0.16 ± 0.03	4.60 ± 0.08
9.50	$(\frac{3}{2}^-)$	< 0.01	> 5.2
9.90	$\frac{3}{2}^-$	0.022 ± 0.007	4.95 ± 0.12

^a (1969JO21, 1974AL12). See also Table 13.24.

^b Log ft shown here are based on $\tau_{1/2} = 17.33 \pm 0.17$ sec (1971WI07). See also (1977RI08; theor.).

^c $E_x = 7.577 \pm 0.030$ MeV (1974AL12).