

Table 14.2 from (1981AJ01): Beta decay of ^{14}B ^a

Decay to $^{14}\text{C}^*$ (MeV)	J^π	Branch (%)	$\log ft$
0	0^+	(5 ± 3) ^d	
6.09 ^b	1^-	81 ± 9	4.22 ± 0.05
6.73	3^-	$8.6^{+1.7}_{-4.0}$	$5.10^{+0.30}_{-0.08}$
7.34	2^-	< 11 ^e	> 4.9
c			

^a (1974AL11).

^b $E_{\beta^-}(\text{max}) = 14.0 \pm 0.7$ MeV to this state.

^c A search for possible delayed neutrons following the population of higher states has not yet been carried out.

^d This branch has not been observed. It is assumed to be $(5 \pm 3)\%$ in the calculation of the branching ratios to $^{14}\text{C}^*(6.09, 6.73)$. However, (1975MI12; theor.) suggest that the branch may be as small as $\approx 0.3\%$. The errors shown for the branching ratios reflect this uncertainty (1974AL11).

^e This branch has not been observed: the upper limit is shown. In the calculations of the branching ratios to $^{14}\text{C}^*(6.09, 6.73)$ a value $(5 \pm 5)\%$ was used.