Table 9.14 from (2004TI06): Branching ratios in ^{9}C(β^{+}) decay from measurements of β-delayed particle decay [a]

E_x in ^{9}B (MeV)	J^{π}	Branching ratio (%)	B(GT)
0	$\frac{3}{2}^{-}$	54.1 ± 1.5 [b]	0.0295 ± 0.0008
2.34 ± 0.03	$\frac{5}{2}^{-}$	30.4 ± 5.8 [c]	0.053 ± 0.012
2.8 ± 0.2	$\frac{1}{2}^{-}$	5.8 ± 0.6 [d]	0.013 ± 0.002
12.16 ± 0.10	$\frac{5}{2}^{-}$ [e]	5.9 ± 0.6 [f]	2.16 ± 0.22
14.0 ± 0.2		0.16 ± 0.02 [g]	0.36 ± 0.05
14.663 [h]	$\frac{3}{2}^{-}$	0.010	3.1 [h]

[a] Except for the transition to the isobaric analog state at 14.66 MeV, the energies and branching ratios are taken from Table VII of (2000GE09) after normalization ($\times 0.864$) to the ground-state branch from (2001BE51). (2000GE09) also list a very weak branch to a narrow, and previously unknown, state at 13.3 MeV and a $\approx 4\%$ background contribution attributed to the tails of higher states. See also (2001BU05).

[b] From (2001BE51).

[c] From (2000GE09). The p_0 decay branch is 0.5% from this state.

[d] From (2000GE09). The p_0 decay branch is 90%. $\Gamma = 2.5$ MeV from the fit to this branch.

[e] (2001BE51). $J^{\pi} = \frac{5}{2}^{-}$ from the α-p angular distribution for the α_0 branch; $E_x = 12.19 \pm 0.04$ MeV, $\Gamma = 450 \pm 20$ keV; p_0 9.0 ± 1.0 %, p_1 25 ± 7 %, α_0 60 ± 7 %, α_1 6 ± 4 %; B(GT) $= 1.92 \pm 0.24$.

[f] (2000GE09). J^{π} assumed to be $\frac{3}{2}^{-}$; p_0 8.5 ± 1.0 %, p_1 18 ± 3 %, α 74 ± 8 %. $\Gamma = 0.45$ MeV from the fit to the p_0 branch.

[g] From (2000GE09). Only p_0 observed.

[h] From (2001BE51). The summed energy for the decay is measured to be 14940 keV. α_0 $(4.8 \pm 0.7) \times 10^{-3}$%; $\Gamma_{\alpha_0}/\Gamma = 0.46$; B(F) + B(GT) is listed where B(F) = 3.0.