

Table 12.16 from (1975AJ02): Branching in $^{12}\text{B}(\beta^-)^{12}\text{C}$

| Decay to $^{12}\text{C}^*$ (MeV) | Branch (%) | $\log ft$ | Refs. |
|------------------------------------|------------------------------|------------------------------|------------|
| g.s. | 97.13 ± 0.31 | 4.072 ± 0.002 | (1974MC11) |
| 4.43891 ± 0.00031 ^a | 1.33 ± 0.09 ^b | | (1972AL31) |
| | 1.27 ± 0.06 | | |
| | 1.29 ± 0.05 | 5.11 ± 0.02 ^c | mean |
| 7.6544 ± 0.0021 ^d | 1.5 ± 0.3 ^e | 4.14 ± 0.10 ^f | |
| 10.3 ± 0.3 ^g | 0.08 ± 0.02 ^h | 4.2 ± 0.2 ^f | |

^a (1967CH19).

^b Mean of values obtained by (1956TA07, 1958KA31, 1963PE10).

^c (1974MC11).

^d Based on Wapstra-Gove value for the atomic mass excess of ^4He , and the decay energy for the breakup of this state into 3α measured by (1973BA73) [$Q = 379.6 \pm 2.0$ keV]. See also footnote ⁿ of Table 12.21.

^e Mean of values obtained by (1957CO59, 1963AL15).

^f See (1966BA1A).

^g $\Gamma = 3.0 \pm 0.7$ MeV, $\theta_\alpha^2 = 1.5$ (1966SC23).

^h Mean of values obtained by (1958CO66, 1963WI05).