

Table 19.23 from (1995TI07): Branching in $^{19}\text{O}(\beta^-)^{19}\text{F}$ ^a

Decay to $^{19}\text{F}^*$ (keV) ^b	J^π	Branch (%) ^c	$\log ft$
0	$\frac{1}{2}^+$	≤ 4	≥ 6.5
110	$\frac{1}{2}^-$	$0.055^{+0.013}_{-0.038}$	$8.34^{+0.30}_{-0.10}$
197.143 ± 0.004	$\frac{5}{2}^+$	45.4 ± 1.5	5.384 ± 0.014
1346	$\frac{5}{2}^-$	0.017 ± 0.002	8.25 ± 0.05
1459	$\frac{3}{2}^-$	< 0.010	> 8.4
1554.038 ± 0.009	$\frac{3}{2}^+$	54.4 ± 1.2	4.625 ± 0.010
2779.849 ± 0.034	$\frac{9}{2}^+$	< 0.002	> 8.2
3908.17 ± 0.20	$\frac{3}{2}^+$	0.0081 ± 0.0005	6.133 ± 0.027
3999	$\frac{7}{2}^-$	< 0.001	> 6.9
4033	$\frac{9}{2}^-$	< 0.001	> 6.8
4377.700 ± 0.042	$\frac{7}{2}^+$	0.0984 ± 0.0030	3.859 ± 0.017
4550	$\frac{5}{2}^+$	< 0.001	> 5.1

^a (1982OL02). See Table 19.19 in (1978AJ03) for the earlier work.

^b For γ -ray branchings see Table 19.24.

^c β -branches and $\log ft$'s are calculated assuming 0% for the $^{19}\text{O}(\beta^-)^{19}\text{F}$ ground-state transition.