

Table 16.23 from (1977AJ02):
Beta decay of the ground state of ^{16}N ^a

Final state		Branch (%)	$\log ft$ ^b
$^{16}\text{O}^*$ (MeV)	J^π		
0	0^+	26 ± 2 ^c	9.10 ± 0.04 ^g
6.05	0^+	$(1.2 \pm 0.4) \times 10^{-2}$ ^d	9.96 ± 0.15 ^g
6.13	3^-	68 ± 2 ^c	4.47 ^h
7.12	1^-	4.9 ± 0.4 ^c	5.09 ^h
8.87	2^-	1.0 ± 0.2 ^c	4.37 ^h
9.63	1^-	$(1.20 \pm 0.05) \times 10^{-3}$ ^e	6.21 ^h
9.85	2^+	$(6.5 \pm 2.0) \times 10^{-7}$ ^f	9.07 ± 0.13 ⁱ

^a See also [reaction 1 in \$^{16}\text{N}\$](#) .

^b $\tau_{1/2} = 7.13 \pm 0.02$ sec: see [Table 16.3 in \(1971AJ02\)](#).

^c ([1956WI1A](#), [1958AL13](#), [1959AL06](#)).

^d ([1968WA18](#)).

^e ([1961KA06](#)). See also ([1974NE10](#)).

^f ([1969HA42](#)).

^g ([1971TO08](#)): $\log f_1 t$.

^h B. Zimmerman, private communication: $\log f_0 t$.

ⁱ E.K. Warburton, private communication: $\log f_1 t$.