

Table 20.33 from (1983AJ01): Decay of ^{20}Na ^a

Decay to $^{20}\text{Ne}^*$ (MeV \pm keV)	$J^\pi; T$	Branching ratio (%)		log ft
		(1973TO08)	(1976IN06) ^c	
1.633 \pm 2	2 ⁺ ; 0	79.47 \pm 1.57	79.18 \pm 1.58	4.988 \pm 0.009 ^d
7.415 \pm 5	2 ⁺ ; 0	16.37 \pm 1.28		4.19 \pm 0.05
7.826 \pm 7	2 ⁺ ; 0	0.674 \pm 0.055		5.417 \pm 0.033
8.82 \pm 10		0.034 \pm 0.007		6.27 \pm 0.08
9.481 \pm 7	2 ⁺ ; 0	0.247 \pm 0.020		5.064 \pm 0.034
9.873 \pm 5	3 ⁺ ; 0		0.0272 \pm 0.0138	5.78 \pm 0.18 ^d
10.274 \pm 3 ^b	2 ⁺ ; 1	2.89 \pm 0.23	2.944 \pm 0.224	3.471 \pm 0.033 ^d
10.584 \pm 7	2 ⁺ ; 0	0.087 \pm 0.009		4.76 \pm 0.05
10.848 \pm 7	2 ⁺ ; 0	0.193 \pm 0.016		4.179 \pm 0.035
10.884 \pm 3	3 ⁺ ; 1		0.0392 \pm 0.0139	4.84 \pm 0.13 ^d
11.261 \pm 5	1 ⁺ ; 1		0.203 \pm 0.026	3.73 \pm 0.05
11.320 \pm 15	2 ⁺ ; 0	0.036 \pm 0.004		4.41 \pm 0.05
11.856 \pm 20	2 ⁺ ; 0	0.0016 \pm 0.0004		4.98 \pm 0.10

^a For additional comments and references see Table 20.37 in (1978AJ03).

^b 10.278 \pm 5 (1973TO08).

^c Electron capture $+\beta^+$.

^d Includes radiative, nuclear size, lepton wavelength, electron screening and electron capture corrections (1976IN06).