

Table 20.31 from (1998TI06): Decay of ^{20}Na ^a

Decay to $^{20}\text{Ne}^*$ (keV)	J^π	Branching ratio (%)	ft ^b (s)	$\log ft$
1633.674 ± 0.015	2 ⁺	79.44 ± 0.27	$(9.802 \pm 0.068) \times 10^4$	4.99
4966.51 ± 0.20	2 ⁻	0.157 ± 0.022	$(9.3 \pm 1.3) \times 10^6$	6.97
6706 ± 47		0.0032 ± 0.0007	$(1.41 \pm 0.32) \times 10^8$	8.15
7421.9 ± 1.2	2 ⁺	15.96 ± 0.22	$(1.588 \pm 0.026) \times 10^4$	4.20
7833.4 ± 1.5	2 ⁺	0.583 ± 0.010	$(3.019 \pm 0.058) \times 10^5$	5.48
8058 ± 8	(1 ⁻ , 2 ⁺ , 3 ⁻)	0.0119 ± 0.0009	$(1.198 \pm 0.092) \times 10^7$	7.08
9196 ± 30	2 ⁺	0.0625 ± 0.0064	$(6.63 \pm 0.73) \times 10^5$	5.82
9483 ± 3	2 ⁺	0.241 ± 0.005	$(1.190 \pm 0.028) \times 10^5$	5.08
9873 ± 4	3 ⁺	0.028 ± 0.014	$(5.9 \pm 3.0) \times 10^5$	5.77
10274 ± 3	2 ⁺	2.877 ± 0.042	$(2.983 \pm 0.061) \times 10^3$	3.48
10578 ± 4	2 ⁺	0.0883 ± 0.0027	$(5.71 \pm 0.20) \times 10^4$	4.76
10840 ± 4	2 ⁺	0.174 ± 0.005	$(1.705 \pm 0.058) \times 10^4$	4.23
10884 ± 3	3 ⁺	0.117 ± 0.042	$(2.3 \pm 0.8) \times 10^4$	4.36
10941 ± 9	2 ⁺	0.0119 ± 0.0015	$(2.00 \pm 0.26) \times 10^5$	5.30
11116 ± 9	2 ⁺	0.0087 ± 0.0011	$(1.81 \pm 0.24) \times 10^5$	5.26
11262.3 ± 1.9	1 ⁺	0.205 ± 0.026	$(5.30 \pm 0.68) \times 10^3$	3.72
11295 ± 5	2 ⁺	0.0263 ± 0.0017	$(3.78 \pm 0.26) \times 10^4$	4.58
11856 ± 8	2 ⁺	0.0016 ± 0.0004	$(9.9 \pm 2.5) \times 10^4$	4.99

^a (1989CL02). See Table 3 of that work for references and details.

^b Allowed decay assumed.