

Table 20.33 from (1998TI06): Energy Levels of ^{20}Na ^a

E_x (MeV \pm keV)	$J^\pi; T$	$\tau_{1/2}$ or Γ_{cm}	Decay	Reactions
0	$2^+; 1$	$\tau_{1/2} = 447.9 \pm 2.3$ ms	β^-	1, 7, 8
0.596 ± 8	3^+		(γ)	7, 8
0.802 ± 7	4^+		(γ)	7, 8
0.98425 ± 0.10	1^+		(γ)	7, 8, 10
1.346 ± 8	2^-		(γ)	7, 8
1.837 ± 7	2^-		(γ)	7, 8
1.992 ± 8	3^-		(γ)	7, 8
2.057 ± 12	3^+		(γ)	8
2.645 ± 6	$(3^+, 1^+)$		(γ, p)	3, 5, 7, 8
2.849 ± 6	3^+			7, 8
2.983 ± 7	> 3		8	
3.001 ± 2	1^+	$\Gamma = 19.8 \pm 2$ keV ^b	p	5, 6, 10
3.067 ± 2	(0^+)			5, 7, 8
3.086 ± 2	0^+	$\Gamma = 35.9 \pm 2$ keV ^b	p	6
3.315 ± 9				8
3.642 ± 16	$(2, 3, 4)^-$			7, 8
3.871 ± 9	1^+		p	7, 8, 10
4.123 ± 16	1^+		p	10
4.150 ± 60	$(4, 2^-)$			8
4.560 ± 60	(2)			8
≈ 4.800	1^+		p	10
5.170 ± 60				8
≈ 5.600	1^+			8, 10
6.266 ± 30	1^+		p	10
6.534 ± 13	0^+		p	10

^a See also Tables 20.35 and 20.36.

^b From (1994CO12). See Table 20.34.