

^{20}Mg $Z = 12$ $N = 8$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 134.561 (0.002) MeV

Qbeta+ = 10.627 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2
20MG 1	0.000	0+			1 93 MS
20MG 2	1.598 2	2+			5

S-p = 2.741 (0.011)-----
 S-n = 22.422 (0.050)-----
 S-2p = 2.418 (0.002)-----
 S-2n = 0.000 (0.000)-----
 S-alpha= 8.934 (0.021)-----

S+p = 0.000 (0.000)
 S+n = -14.645 (0.002)
 S+2p = 0.000 (0.000)
 S+2n = -34.020 (0.002)
 S+alpha = -9.157 (0.020)

gap p = 0.000 (0.000)
 gap n = 7.777 (0.050)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = -0.223 (0.028)