

^{38}Mg $Z = 12$ $N = 26$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 263.264 (-0.494) MeV

Qbeta- = 17.578 (0.517) MeV

	Energy T	J+	J-	J-other	T1/2
38MG 1	0.000	0+			1
38MG 2				0.656 (2+)	2
38MG 3				2.016 (4+)	3

S-p = 26.353 (-0.859)-----
 S-n = 2.225 (-0.856)-----
 S-2p = 0.000 (-0.000)-----
 S-2n = 2.465 (-0.849)-----
 S-alpha= 21.210 (-0.710)-----

S+p = -19.876 (-0.584)
 S+n = 0.638 (-0.708)
 S+2p = -42.969 (-0.509)
 S+2n = -0.656 (-0.717)
 S+alpha = -19.660 (-0.575)

gap p = 6.477 (1.039)
 gap n = 2.863 (1.111)
 gap 2p = 0.000 (0.000)
 gap 2n = 1.809 (1.111)
 gap alpha = 1.550 (0.914)