

^{36}Mg $Z = 12$ $N = 24$ [link to full NNDC output](#)

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

BE = 260.799 (0.690) MeV

Qbeta- = 14.430 (0.706) MeV

	Energy T	J+	J-	J-other	T1/2
36MG 1	0.000	0+			1 3.9 MS 13
36MG 2				0.660 (2+)	2

S-p = 0.000 (0.000)-----
 S-n = 3.331 (0.741)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 4.086 (0.691)-----
 S-alpha= 0.000 (0.000)-----

S+p = -17.860 (0.713)
 S+n = -0.240 (0.982)
 S+2p = -39.128 (0.698)
 S+2n = 0.000 (0.000)
 S+alpha = -17.375 (0.772)

gap p = 0.000 (0.000)
 gap n = 3.091 (1.230)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = 0.000 (0.000)