

^{35}Mg $Z = 12$ $N = 23$ [link to full NNDC output](#)

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

BE = 257.468 (0.270) MeV

Qbeta- = 15.864 (0.270) MeV

	Energy T	J+	J-	J-other	T1/2
35MG 1				0.000 (3/2-,5/2-)	1 11.3 MS 6
35MG 2				0+X	2
35MG 3				0+Y	3
35MG 4				206+X	4
35MG 5				445+X	5
35MG 6				619+X	6
35MG 7				670+X	7

S-p = 23.329 (0.657)-----

S-n = 0.755 (0.271)-----

S-2p = 0.000 (0.000)-----

S-2n = 5.465 (0.270)-----

S-alpha= 17.967 (0.379)-----

S+p = -16.978 (0.308)

S+n = -3.331 (0.741)

S+2p = -36.789 (0.293)

S+2n = -3.571 (0.749)

S+alpha = -15.744 (0.302)

gap p = 6.351 (0.726)

gap n = -2.576 (0.789)

gap 2p = 0.000 (0.000)

gap 2n = 1.894 (0.796)

gap alpha = 2.222 (0.484)