

^{35}Mg $Z = 12$ $N = 23$ adopted link ENSDF link

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

BE = 257.468 (0.270) MeV

Qbeta- = 15.863 (0.270) MeV

	Energy T	J+	J-	J-other	T1/2
35MG 1				0.000 (3/2-,5/2-)	1 11.3 MS 6

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

S-n = 0.755 (0.270)-----

S-2p = 45.080 (0.652)-----

S-2n = 5.466 (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 = 8.291 (0.715)

gap 2n = 1.895 (0.796)

gap alpha = 2.222 (0.484)