

^{29}Mg $Z = 12$ $N = 17$ adopted link ENSDF link

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

BE = 235.292 (0.000) MeV

Qbeta- = 7.595 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2

29MG 1	0.000	3/2+			1 1.30 S 12
29MG 2				0.055	2 1.27 NS 7
29MG 3				0.590	3
29MG 4				1.095 (1/2-,3/2-)	4
29MG 5				1.431 (5/2-,7/2-)	5 1.4 NS 5
29MG 6				1.638 (3/2+,5/2+)	6
29MG 7				2.266	7
29MG 8				2.500 (3/2 TO 7/2)	8
29MG 9				2.615 (1/2,3/2)	9
29MG 10				3.224	10

29MG 11				3.227 (3/2+,5/2+)	11
S-n =	3.664 (0.000)				

29MG 12				3.674	12
29MG 13				3.986	13
29MG 14				4.280	14

S-p = 16.913 (0.010)-----

S-n = 3.664 (0.000)-----

S-2p = 32.241 (0.091)-----

S-2n = 12.168 (0.000)-----

S-alpha= 11.002 (0.029)-----

S+p = -12.541 (0.002)

S+n = -6.340 (0.001)

S+2p = -26.915 (0.000)

S+2n = -8.652 (0.003)

S+alpha = -12.327 (0.001)

gap p = 4.372 (0.010)

gap n = -2.677 (0.001)

gap 2p = 5.327 (0.091)

gap 2n = 3.516 (0.003)

gap alpha = -1.325 (0.029)