

^{19}Mg $Z = 12$ $N = 7$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 112.128 (0.060) MeV

Qbeta+ = 18.909 (0.061) MeV

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

S-2p	= -0.760 (0.060)				

19MG	1		0.000	1/2-	1 1.14E-4 EV
S-p	= 0.489 (0.111)				
19MG	2		1.380	(3/2-)	2 0.4 MEV 2
19MG	3		2.140	(5/2-)	3 0.6 MEV 6
19MG	4		2.840	(3/2-)	4 0.2 MEV LT
19MG	5		4.740	(3/2-)	5 2.0 MEV 8
S-p	= 0.489 (0.111)				
S-n	= 0.000 (0.000)				
S-2p	= -0.760 (0.060)				
S-2n	= 0.000 (0.000)				
S-alpha	= 10.802 (0.090)				
S+p	= 0.000 (0.000)				
S+n	= -22.432 (0.060)				
S+2p	= 0.000 (0.000)				
S+2n	= -37.077 (0.060)				
S+alpha	= -10.318 (0.510)				
gap p	= 0.000 (0.000)				
gap n	= 0.000 (0.000)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.000 (0.000)				
gap alpha	= 0.484 (0.517)				