

^{39}Mg $Z = 12$ $N = 27$ adopted link ENSDF link

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

BE = 262.626 (-0.507) MeV

Qbeta- = 21.296 (0.595) MeV

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

S-n	= -0.638 (-0.708)				
39MG	1			0.000	1 180 NS LT

S-p	= 26.418 (-0.882)				
S-n	= -0.638 (-0.708)				
S-2p	= 0.000 (-0.000)				
S-2n	= 1.587 (-0.863)				
S-alpha	= 0.000 (-0.000)				

S+p	= -21.254 (-0.579)				
S+n	= -1.294 (-0.726)				
S+2p	= -44.136 (-0.583)				
S+2n	= -0.799 (-0.706)				
S+alpha	= -20.871 (-0.638)				

gap p	= 5.164 (1.055)				
gap n	= -1.932 (1.014)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.788 (1.116)				
gap alpha	= 0.000 (0.000)				