

^{39}Al $Z = 13$ $N = 26$ adopted link ENSDF link

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

BE = 283.140 (-0.312) MeV

Qbeta- = 19.151 (0.340) MeV

	Energy T	J+	J-	J-other	T1/2
39AL 1				0.000 (5/2+)	1 7.6 MS 16
39AL 2				0.800	2
39AL 3				0.000 (5/2+)	3

S-p = 19.876 (-0.584)-----
 S-n = 3.080 (-0.347)-----
 S-2p = 46.229 (-0.769)-----
 S-2n = 4.481 (-0.360)-----
 S-alpha= 18.769 (-0.735)-----

S+p = -23.093 (-0.335)
 S+n = -0.740 (-0.419)
 S+2p = -41.029 (-0.334)
 S+2n = -3.040 (-0.515)
 S+alpha = -18.847 (-0.434)

gap p = -3.217 (0.674)
 gap n = 2.340 (0.544)
 gap 2p = 5.200 (0.839)
 gap 2n = 1.441 (0.629)
 gap alpha = -0.078 (0.853)