

^{82}Mo $Z = 42$ $N = 40$ adopted link ENSDF link

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

BE = 669.366 (-0.410) MeV

Qbeta+ = 11.436 (0.525) MeV

	Energy T	J+	J-	J-other	T1/2
82Mo 1	0.000	0+			1 ?
82Mo 2	0.000	0+			2 ?

S-p = 1.278 (-0.576)-----
 S-n = 16.992 (-0.636)-----
 S-2p = 0.166 (-0.520)-----
 S-2n = 0.000 (-0.000)-----
 S-alpha= 1.938 (-0.566)-----

S+p = 1.797 (-0.645)
 S+n = -14.056 (-0.583)
 S+2p = 0.000 (-0.000)
 S+2n = -29.934 (-0.530)
 S+alpha = -1.776 (-0.594)

gap p = 3.075 (0.865)
 gap n = 2.936 (0.863)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = 0.162 (0.820)