

^{83}Mo $Z = 42$ $N = 41$ adopted link ENSDF link

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

BE = 683.422 (-0.415) MeV

Qbeta+ = 11.252 (0.446) MeV

	Energy T	J+	J-	J-other	T1/2	
83Mo	1			0.000	1 6 MS	+30-3

S-p = 1.838 (-0.529)-----

S-n = 14.056 (-0.583)-----

S-2p = 3.415 (-0.425)-----

S-2n = 31.048 (-0.639)-----

S-alpha= 2.033 (-0.522)-----

S+p = 1.342 (-0.590)

S+n = -15.878 (-0.534)

S+2p = 1.127 (-0.658)

S+2n = -27.291 (-0.415)

S+alpha = -1.769 (-0.601)

gap p = 3.180 (0.793)

gap n = -1.822 (0.791)

gap 2p = 4.542 (0.783)

gap 2n = 3.757 (0.762)

gap alpha = 0.264 (0.796)