

^{108}Mo $Z = 42$ $N = 66$ adopted link ENSDF link

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

BE = 909.593 (0.009) MeV

Qbeta- = 5.174 (0.013) MeV

	Energy T	J+	J-	J-other	T1/2
108MO	1 0.000	0+			1 1.09 S 2
108MO	2 0.193	2+			2 0.5 NS 3
108MO	3 0.564	4+			3
108MO	4 0.586	2+			4
108MO	5 0.783	3+			5
108MO	6 0.978	4+			6
108MO	7 1.091	6+			7
108MO	8 1.232	5+			8
108MO	9			1.422 (4+)	9
108MO	10			1.508 (6+)	10
108MO	11			1.699 (5+)	11
108MO	12 1.753	8+			12
108MO	13			1.817 (7+)	13
108MO	14			1.957 (6+)	14
108MO	15			2.162 (5-)	15
108MO	16			2.170 (8+)	16
108MO	17			2.223 (7+)	17
108MO	18			2.451	18
108MO	19			2.524 (9+)	19
108MO	20 2.529	10+			20
108MO	21			2.556 (6-)	21
108MO	22			2.594	22
108MO	23			2.883 (9+)	23
108MO	24			2.950 (10+)	24
108MO	25			3.000	25
108MO	26			3.111 (7-)	26
108MO	27			3.339 (11+)	27
108MO	28			3.343 (10+)	28
108MO	29 3.401	12+			29
108MO	30			3.666	30
108MO	31			3.797 (8-)	31
108MO	32			3.834 (12+)	32
108MO	33 4.347	14+			33
108MO	34 5.347	16+			34

S-p = 14.314 (0.012)

S-n = 6.276 (0.013)-----
S-2p = 26.613 (0.212)-----
S-2n = 10.764 (0.013)-----
S-alpha= 7.457 (0.013)-----

S+p = -10.823 (0.013)
S+n = -3.981 (0.014)
S+2p = -23.901 (0.013)
S+2n = -9.929 (0.026)
S+alpha = -7.307 (0.013)

gap p = 3.492 (0.018)
gap n = 2.294 (0.020)
gap 2p = 2.712 (0.213)
gap 2n = 0.835 (0.029)
gap alpha = 0.150 (0.019)