

$^{110}\text{Mo}$        $Z = 42$        $N = 68$       adopted link      ENSDF link

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

BE = 919.522 ( 0.024) MeV

Qbeta- = 6.499 ( 0.026) MeV

	Energy T	J+	J-	J-other	T1/2
110MO	1   0.000	0+			1 0.296 S 17
110MO	2			0.214 (2+)	2
110MO	3			0.494 (2+)	3
110MO	4			0.600 (4+)	4
110MO	5			0.701 (3+)	5
110MO	6			0.916 (4+)	6
110MO	7			1.132 (6+)	7
110MO	8			1.163 (5+)	8
110MO	9			1.784 (8+)	9
110MO	10			2.532 (10+)	10

S-p = 15.135 ( 0.431)-----  
 S-n = 5.948 ( 0.027)-----  
 S-2p = 28.198 ( 0.433)-----  
 S-2n = 9.929 ( 0.026)-----  
 S-alpha= 8.247 ( 0.213)-----

S+p = -11.778 ( 0.026)  
 S+n = -3.475 ( 0.027)  
 S+2p = -25.673 ( 0.026)  
 S+2n = -9.070 ( 0.225)  
 S+alpha = -8.110 ( 0.024)

gap p = 3.357 ( 0.432)  
 gap n = 2.473 ( 0.038)  
 gap 2p = 2.525 ( 0.433)  
 gap 2n = 0.859 ( 0.227)  
 gap alpha = 0.136 ( 0.215)