

⁹⁹Cd Z = 48 N = 51 adopted link ENSDF link

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

BE = 831.439 (0.002) MeV

Qbeta+ = 6.781 (0.006) MeV

	Energy T	J+	J-	J-other	T1/2

99CD	1			0.000 (5/2+)	1 16 S 3
99CD	2			0.441 (7/2+)	2
99CD	3			1.224 (9/2+)	3
99CD	4			1.675 (11/2+)	4
99CD	5			1.831 (13/2+)	5
99CD	6			2.057 (17/2+)	6 13.1 NS 5
99CD	7			2.274 (19/2+)	7

S-alpha=	2.390 (0.003)				
99CD	8			2.453 (19/2+)	8
99CD	9			2.700 (21/2+)	9
99CD	10			3.451 (21/2)	10

99CD	11			4.041 (23/2)	11

S-p	4.154 (0.033)				
99CD	12			4.877 (25/2+)	12
99CD	13			5.959 (27/2)	13
99CD	14			6.106 (29/2+)	14
99CD	15			6.576 (31/2+)	15

S-2p	6.703 (0.005)				
99CD	16			7.100	16
99CD	17			0.000 (5/2+)	17

S-p	4.154 (0.033)				
S-n	10.366 (0.052)				
S-2p	6.703 (0.005)				
S-2n	25.340 (0.420)				
S-alpha=	2.390 (0.003)				

S+p	-1.536 (0.003)				
S+n	-12.335 (0.002)				
S+2p	-4.952 (0.300)				
S+2n	-22.048 (0.002)				
S+alpha	0.406 (0.103)				

gap p	2.618 (0.033)				
gap n	-1.969 (0.052)				
gap 2p	1.751 (0.300)				
gap 2n	3.292 (0.420)				
gap alpha	2.796 (0.103)				