

$^{98}\text{Cd}$        $Z = 48$        $N = 50$       adopted link      ENSDF link

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

BE = 821.073 ( 0.052) MeV

Qbeta+ = 5.430 ( 0.061) MeV

	Energy T	J+	J-	J-other	T1/2
98CD 1	0.000	1 0+			1 9.3 S 1
98CD 2				1.395 (2+)	2
98CD 3				2.083 (4+)	3
98CD 4				2.281 (6+)	4 13 NS 2
98CD 5				2.428 (8+)	5 154 NS 16
S-alpha=	3.959 ( 0.052)	-----			
S-p =	4.021 ( 0.053)	-----			
S-2p =	6.031 ( 0.052)	-----			
98CD 6				6.585 (10+)	6
98CD 7				6.635 (12+)	7 224 NS 5
S-p =	4.021 ( 0.053)	-----			
S-n =	14.974 ( 0.423)	-----			
S-2p =	6.031 ( 0.052)	-----			
S-2n =	28.209 ( 0.387)	-----			
S-alpha=	3.959 ( 0.052)	-----			
S+p =	-1.082 ( 0.093)				
S+n =	-10.366 ( 0.052)				
S+2p =	-4.090 ( 0.246)				
S+2n =	-22.701 ( 0.052)				
S+alpha =	0.277 ( 0.113)				
gap p =	2.939 ( 0.107)				
gap n =	4.608 ( 0.427)				
gap 2p =	1.941 ( 0.251)				
gap 2n =	5.508 ( 0.391)				
gap alpha =	4.236 ( 0.124)				