

$^{129}\text{Cd}$        $Z = 48$        $N = 81$       adopted link      ENSDF link

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

BE = 1066.770 ( 0.005) MeV

Qbeta- = 9.713 ( 0.006) MeV

	Energy T	J+	J-	J-other	T1/2
129CD	1		0.000	11/2-	1 154 MS 2

S-p = 15.761 ( 0.256)-----  
 S-n = 3.955 ( 0.008)-----  
 S-2p = 30.450 ( 0.508)-----  
 S-2n = 10.524 ( 0.008)-----  
 S-alpha= 11.599 ( 0.375)-----

S+p = -14.073 ( 0.006)  
 S+n = -6.067 ( 0.023)  
 S+2p = -28.720 ( 0.006)  
 S+2n = -8.232 ( 0.020)  
 S+alpha = -10.177 ( 0.006)

gap p = 1.688 ( 0.256)  
 gap n = -2.111 ( 0.024)  
 gap 2p = 1.729 ( 0.508)  
 gap 2n = 2.291 ( 0.022)  
 gap alpha = 1.422 ( 0.375)