

$^{154}\text{Nd}$        $Z = 60$        $N = 94$       adopted link      ENSDF link

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

BE = 1261.622 ( 0.001) MeV

Qbeta- = 2.687 ( 0.025) MeV

	Energy T	J+	J-	J-other	T1/2
154ND	1   0.000	0+			1 25.9 S 2
154ND	2   0.071	2+			2 7.7 NS 20
154ND	3   0.233	4+			3

S-p = 11.300 ( 0.012)-----  
 S-n = 6.320 ( 0.003)-----  
 S-2p = 21.150 ( 0.152)-----  
 S-2n = 11.573 ( 0.024)-----  
 S-alpha= 3.158 ( 0.012)-----

S+p = -8.649 ( 0.005)  
 S+n = -4.776 ( 0.009)  
 S+2p = -18.359 ( 0.009)  
 S+2n = -10.765 ( 0.002)  
 S+alpha = -2.097 ( 0.005)

gap p = 2.651 ( 0.013)  
 gap n = 1.545 ( 0.010)  
 gap 2p = 2.791 ( 0.152)  
 gap 2n = 0.807 ( 0.025)  
 gap alpha = 1.060 ( 0.013)