

$^{153}\text{Pr}$        $Z = 59$        $N = 94$       adopted link      ENSDF link

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

BE = 1250.322 ( 0.012) MeV

Qbeta- = 5.762 ( 0.012) MeV

	Energy T	J+	J-	J-other	T1/2
153PR	1			0.000	1 4.29 S 11

S-p = 9.850 ( 0.152)-----  
 S-n = 5.882 ( 0.022)-----  
 S-2p = 22.836 ( 0.436)-----  
 S-2n = 10.931 ( 0.017)-----  
 S-alpha= 3.774 ( 0.201)-----

S+p = -11.300 ( 0.012)  
 S+n = -4.362 ( 0.101)  
 S+2p = -19.949 ( 0.013)  
 S+2n = -9.990 ( 0.021)  
 S+alpha = -3.154 ( 0.014)

gap p = -1.450 ( 0.153)  
 gap n = 1.519 ( 0.103)  
 gap 2p = 2.887 ( 0.436)  
 gap 2n = 0.942 ( 0.027)  
 gap alpha = 0.620 ( 0.201)