

$^{150}\text{Yb}$        $Z = 70$        $N = 80$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 1194.750 (-0.300) MeV

Qbeta+ = 7.618 ( 0.335) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-3.081 (-0.300)				
150YB	1   0.000	0+			1 200 NS GE

S-p = 2.154 (-0.335) -----  
 S-n = 13.627 (-0.423) -----  
 S-2p = 1.916 (-0.300) -----  
 S-2n = 24.662 (-0.536) -----  
 S-alpha= -3.081 (-0.300) -----

S+p = 1.246 (-0.426)  
 S+n = -10.797 (-0.425)  
 S+2p = 0.000 (-0.000)  
 S+2n = -23.596 (-0.335)  
 S+alpha = 3.674 (-0.430)

gap p = 3.400 ( 0.542)  
 gap n = 2.830 ( 0.599)  
 gap 2p = 0.000 ( 0.000)  
 gap 2n = 1.066 ( 0.632)  
 gap alpha = 0.593 ( 0.524)