

$^{116}\text{Tc}$        $Z = 43$        $N = 73$       adopted link      ENSDF link

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

BE = 953.868 (-0.348) MeV

Qbeta- = 12.833 ( 0.348) MeV

	Energy T	J+	J-	J-other	T1/2
116TC	1			0.000	1 57 MS 3

S-p = 13.973 (-0.490)-----  
 S-n = 3.508 (-0.417)-----  
 S-2p = 30.810 (-0.574)-----  
 S-2n = 8.778 (-0.556)-----  
 S-alpha= 9.636 (-0.484)-----

S+p = -15.543 (-0.556)  
 S+n = -4.947 (-0.494)  
 S+2p = -28.229 (-0.349)  
 S+2n = -8.186 (-0.496)  
 S+alpha = -9.756 (-0.423)

gap p = -1.570 ( 0.741)  
 gap n = -1.439 ( 0.647)  
 gap 2p = 2.581 ( 0.671)  
 gap 2n = 0.592 ( 0.745)  
 gap alpha = -0.120 ( 0.642)