

$^{61}\text{Ti}$        $Z = 22$        $N = 39$       adopted link      ENSDF link

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

BE = 491.538 (-0.305) MeV

Qbeta- = 13.778 ( 0.385) MeV

	Energy T	J+	J-	J-other	T1/2
61TI 1			0.000	(1/2-)	1 15 MS 4
61TI 2			0.125	(5/2-)	2 200 NS 28
61TI 3	0.700	(9/2+)			3 354 NS 69

S-p = 19.158 (-0.569) -----  
 S-n = 2.371 (-0.388) -----  
 S-2p = 36.766 (-0.664) -----  
 S-2n = 6.676 (-0.424) -----  
 S-alpha= 12.258 (-0.502) -----

S+p = -16.103 (-0.404)  
 S+n = -3.842 (-0.481)  
 S+2p = -34.357 (-0.314)  
 S+2n = -5.595 (-0.589)  
 S+alpha = -14.336 (-0.362)

gap p = 3.055 ( 0.697)  
 gap n = -1.471 ( 0.618)  
 gap 2p = 2.409 ( 0.734)  
 gap 2n = 1.081 ( 0.726)  
 gap alpha = -2.078 ( 0.619)