

$^{40}\text{Ti}$        $Z = 22$        $N = 18$       adopted link      ENSDF link

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

BE = 314.635 ( 0.068) MeV

Qbeta+ = 11.530 ( 0.068) MeV

	Energy T	J+	J-	J-other	T1/2
40Ti 1	0.000	0+			1 52.4 MS 3
40Ti 2	0.000	0+			2

S-p = 2.110 ( 0.072)-----  
 S-n = 19.561 ( 0.207)-----  
 S-2p = 1.513 ( 0.068)-----  
 S-2n = 36.513 ( 0.312)-----  
 S-alpha= 4.967 ( 0.079)-----

S+p = 2.010 ( 0.216)  
 S+n = -14.775 ( 0.074)  
 S+2p = 1.483 ( 0.302)  
 S+2n = -32.254 ( 0.068)  
 S+alpha = -6.853 ( 0.085)

gap p = 4.119 ( 0.228)  
 gap n = 4.785 ( 0.219)  
 gap 2p = 2.995 ( 0.309)  
 gap 2n = 4.259 ( 0.319)  
 gap alpha = -1.886 ( 0.116)