

$^{56}\text{Ti}$        $Z = 22$        $N = 34$       adopted link      ENSDF link

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

BE = 474.205 ( 0.100) MeV

Qbeta- = 6.760 ( 0.202) MeV

	Energy T	J+	J-	J-other	T1/2
56Ti 1	0.000	0+			1 0.200 S 5
56Ti 2				1.128 (2+)	2
56Ti 3				2.288 (4+)	3
56Ti 4				2.978 (6+)	4
56Ti 5				4.210	5

S-p = 15.870 ( 0.118)-----

S-n = 5.662 ( 0.104)-----

S-2p = 28.840 ( 0.111)-----

S-2n = 9.822 ( 0.101)-----

S-alpha= 7.582 ( 0.100)-----

S+p = -12.301 ( 0.131)

S+n = -3.050 ( 0.229)

S+2p = -27.147 ( 0.100)

S+2n = -7.637 ( 0.209)

S+alpha = -9.910 ( 0.100)

gap p = 3.569 ( 0.177)

gap n = 2.612 ( 0.252)

gap 2p = 1.694 ( 0.150)

gap 2n = 2.185 ( 0.232)

gap alpha = -2.329 ( 0.142)