

^{186}Ta $Z = 73$ $N = 113$ adopted link ENSDF link

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

BE = 1482.761 (0.060) MeV

Qbeta- = 3.901 (0.060) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-0.806 (0.192)				
186TA	1			0.000 (3-)	1 10.39 M 3
186TA	2			0.187 (4-)	2
186TA	3			0.336	3 1.54 M 5
186TA	4			0.348 (7+)	4 17 S 2
186TA	5			0.000 (3-)	5 10.39 M 3

S-p = 7.577 (0.088)-----

S-n = 5.285 (0.062)-----

S-2p = 16.833 (0.194)-----

S-2n = 11.911 (0.065)-----

S-alpha= -0.806 (0.192)-----

S+p = -8.585 (0.060)

S+n = -6.359 (0.082)

S+2p = -14.987 (0.060)

S+2n = -11.463 (0.197)

S+alpha = 0.600 (0.060)

gap p = -1.009 (0.106)

gap n = -1.075 (0.103)

gap 2p = 1.846 (0.203)

gap 2n = 0.448 (0.208)

gap alpha = -0.206 (0.201)