

^{173}Ta $Z = 73$ $N = 100$ adopted link ENSDF link

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

BE = 1391.623 (0.028) MeV

Qbeta+ = 3.015 (0.040) MeV

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

S-alpha=	-3.261 (0.028)				
173TA 1		0.000	5/2-		1 3.14 H 13

S-p =	3.283 (0.037)				
S-n =	9.138 (0.040)				
S-2p =	9.146 (0.028)				
S-2n =	16.819 (0.040)				
S-alpha=	-3.261 (0.028)				

S+p =	-5.120 (0.040)				
S+n =	-7.415 (0.040)				
S+2p =	-7.470 (0.040)				
S+2n =	-16.155 (0.040)				
S+alpha =	3.703 (0.040)				

gap p =	-1.836 (0.054)				
gap n =	1.723 (0.056)				
gap 2p =	1.676 (0.048)				
gap 2n =	0.664 (0.056)				
gap alpha =	0.442 (0.048)				