

$^{178}\text{Ta}$        $Z = 73$        $N = 105$       adopted link      ENSDF link

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

BE      =      1430.230 ( 0.000) MeV

Qbeta+ =      1.789 ( 0.001) MeV

	Energy T	J+	J-	J-other	T1/2
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S-p	=	5.055 ( 0.001)	-----		
S-n	=	7.003 ( 0.003)	-----		
S-2p	=	11.842 ( 0.001)	-----		
S-2n	=	15.424 ( 0.031)	-----		
S-alpha	=	-2.499 ( 0.002)	-----		
S+p	=	-5.938 ( 0.015)			
S+n	=	-7.782 ( 0.001)			
S+2p	=	-9.769 ( 0.021)			
S+2n	=	-14.430 ( 0.002)			
S+alpha	=	2.776 ( 0.102)			
gap p	=	-0.883 ( 0.015)			
gap n	=	-0.779 ( 0.004)			
gap 2p	=	2.074 ( 0.021)			
gap 2n	=	0.994 ( 0.031)			
gap alpha	=	0.277 ( 0.102)			