

$^{197}\text{At}$        $Z = 85$        $N = 112$       adopted link      ENSDF link

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

BE = 1529.906 ( 0.008) MeV

Qbeta+ = 7.038 ( 0.013) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.104 ( 0.011)				
197AT 1				0.000 (9/2-)	1 0.388 S 6
197AT 2				0.052 (1/2+)	2 2.0 S 2
S-p =	0.176 ( 0.010)				
197AT 3				0.311 (13/2+)	3
197AT 4				0.324 (13/2-)	4
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S-p =	0.176 ( 0.010)				
S-n =	10.514 ( 0.031)				
S-2p =	2.908 ( 0.010)				
S-2n =	19.028 ( 0.012)				
S-alpha=	-7.104 ( 0.011)				
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S+p =	-2.164 ( 0.016)				
S+n =	-8.425 ( 0.009)				
S+2p =	-1.451 ( 0.016)				
S+2n =	-18.611 ( 0.010)				
S+alpha =	7.519 ( 0.012)				
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gap p =	-1.988 ( 0.018)				
gap n =	2.089 ( 0.033)				
gap 2p =	1.457 ( 0.019)				
gap 2n =	0.417 ( 0.016)				
gap alpha =	0.415 ( 0.016)				