^{207}At $Z = 85$ $N = 122$ adopted link ENSDF link

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

BE = 1617.491 (0.012) MeV
Qbeta+ = 3.918 (0.014) MeV

	Energy	T	J+		J-		J-other		T1/2	
S-alpha= -5.872 (0.018)										
207AT 1			0.000	9/2-				1	1.81 H	3
207AT 2			0.345	7/2-				2		
207AT 3			0.643	11/2-				3		
207AT 4					0.674	(5/2)-		4		
207AT 5			0.686	13/2-				5		
207AT 6			0.747	7/2-				6		
207AT 7					0.973			7		
207AT 8					0.976			8		
207AT 9					1.019	3/2-,5/2,7/2		9		
207AT 10					1.042	3/2-,5/2,7/2		10		
207AT 11			1.055	13/2-				11		
207AT 12			1.085	15/2-				12		
207AT 13					1.108			13		
207AT 14			1.115	7/2-				14		
207AT 15					1.116	(13/2)		15		
207AT 16					1.120			16		
207AT 17					1.198			17		
207AT 18					1.225			18		
207AT 19			1.234	17/2-				19		
207AT 20					1.284			20		
207AT 21					1.351			21		
207AT 22			1.495	21/2-				22		
207AT 23					1.535			23		
207AT 24					1.539			24		
207AT 25					1.554			25		
207AT 26					1.632	(15/2)		26		
207AT 27					1.799			27		
207AT 28					1.823			28		
207AT 29					1.841			29		
207AT 30			1.898	23/2-				30		
207AT 31					1.967			31		
207AT 32					1.971			32		
207AT 33					2.039			33		
207AT 34	2.117	25/2+						34	108 NS	2
207AT 35					2.150			35		

```
S-p    =   2.328 ( 0.013)----------------------------------------------------------------------
S-n    =   8.859 ( 0.018)----------------------------------------------------------------------
S-2p   =   6.740 ( 0.013)----------------------------------------------------------------------
S-2n   =  16.386 ( 0.017)----------------------------------------------------------------------
S-alpha=  -5.872 ( 0.018)----------------------------------------------------------------------

S+p       =  -3.717 ( 0.016)
S+n       =  -7.314 ( 0.015)
S+2p      =  -5.133 ( 0.017)
S+2n      = -15.799 ( 0.013)
S+alpha   =   6.662 ( 0.017)

gap p     =  -1.389 ( 0.021)
gap n     =   1.546 ( 0.024)
gap 2p    =   1.607 ( 0.022)
gap 2n    =   0.587 ( 0.022)
gap alpha =   0.790 ( 0.025)
```