

$^{200}\text{Au}$        $Z = 79$        $N = 121$       adopted link      ENSDF link

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

BE = 1579.698 ( 0.027) MeV

Qbeta- = 2.263 ( 0.027) MeV

	Energy T	J+	J-	J-other	T1/2
200AU 1				0.000 (1-)	1 48.4 M 3
200AU 2				0.060	2
200AU 3				0.076	3
200AU 4				0.104	4
200AU 5				0.166	5
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S-alpha=	0.229 ( 0.047)				
200AU 6				0.240	6
200AU 7				0.244	7
200AU 8				0.293	8
200AU 9				0.304	9
200AU 10				0.390	10
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200AU 11				0.469	11
200AU 12			0.962 12-		12 18.7 H 5

S-p = 7.140 ( 0.027)-----  
 S-n = 6.218 ( 0.027)-----  
 S-2p = 16.092 ( 0.200)-----  
 S-2n = 13.802 ( 0.027)-----  
 S-alpha= 0.229 ( 0.047)-----

S+p = -7.711 ( 0.027)  
 S+n = -7.232 ( 0.027)  
 S+2p = -13.318 ( 0.027)  
 S+2n = -13.255 ( 0.035)  
 S+alpha = 0.469 ( 0.027)

gap p = -0.571 ( 0.038)  
 gap n = -1.014 ( 0.038)  
 gap 2p = 2.774 ( 0.202)  
 gap 2n = 0.547 ( 0.044)  
 gap alpha = 0.699 ( 0.054)