

$^{201}\text{Po}$        $Z = 84$        $N = 117$       adopted link      ENSDF link

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

BE = 1573.139 ( 0.005) MeV

Qbeta+ = 4.908 ( 0.013) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-5.799	( 0.007)	-----		
201PO 1			0.000	3/2-	1 15.6 M 1
201PO 2			0.006	5/2-	2
201PO 3				0.142 (1/2-)	3
201PO 4	0.424	13/2+			4 8.96 M 12
201PO 5	1.038	17/2+			5
201PO 6	1.594	21/2+			6
201PO 7	1.913	25/2+			7
201PO 8				2.102 21/2+,23/2	8
201PO 9				2.135 25/2+,27/2+,29/	92+
201PO 10				2.240 23/2,25/2	10
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201PO 11				2.333 (27/2)	11
201PO 12				2.348 19/2,21/2,23/2	12
201PO 13				2.355 (27/2+)	13
201PO 14				2.465 (27/2)	14
201PO 15				2.571 (27/2+)	15
201PO 16				2.628 (29/2+)	16
201PO 17				2.771	17
201PO 18				2.980 27/2+,29/2+,31/	182+
201PO 19				3.040	19
201PO 20				3.197 (29/2)	20
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201PO 21				3.211 (31/2+)	21
201PO 22				3.334	22
S-p =	3.440	( 0.023)	-----		
201PO 23				3.711 (33/2+)	23
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S-p =	3.440	( 0.023)	-----		
S-n =	7.651	( 0.009)	-----		
S-2p =	5.867	( 0.008)	-----		
S-2n =	17.425	( 0.007)	-----		
S-alpha=	-5.799	( 0.007)	-----		
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S+p =	-1.363	( 0.028)	-----		
S+n =	-9.492	( 0.010)	-----		
S+2p =	-4.241	( 0.008)	-----		
S+2n =	-16.932	( 0.007)	-----		
S+alpha =	6.387	( 0.007)	-----		

gap p = 2.077 ( 0.036)  
gap n = -1.841 ( 0.013)  
gap 2p = 1.627 ( 0.011)  
gap 2n = 0.493 ( 0.010)  
gap alpha = 0.587 ( 0.010)