

$^{211}\text{Po}$        $Z = 84$        $N = 127$       adopted link      ENSDF link

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

BE      =      1649.764 ( 0.001) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-7.594 ( 0.002)	-----			
211PO 1	0.000	9/2+			1 0.516 S 3
211PO 2	0.687	11/2+			2
211PO 3	1.051	5/2+			3
211PO 4			1.065	15/2-	4 14.0 NS 2
211PO 5	1.122	7/2+			5
211PO 6				1.161 (9/2+)	6
211PO 7				1.181 (13/2+)	7
211PO 8				1.385 (3/2)+	8
211PO 9				1.407 (+)	9
211PO 10				1.409 (+)	10
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211PO 11				1.428 (17/2+)	11

S-p      =      4.930 ( 0.002)-----  
 S-n      =      4.551 ( 0.002)-----  
 S-2p    =      9.396 ( 0.002)-----  
 S-2n    =      12.209 ( 0.002)-----  
 S-alpha= -7.594 ( 0.002)-----

S+p      =      -3.484 ( 0.003)  
 S+n      =      -6.008 ( 0.002)  
 S+2p    =      -7.841 ( 0.004)  
 S+2n    =      -10.364 ( 0.003)  
 S+alpha =      8.839 ( 0.006)

gap p    =      1.445 ( 0.003)  
 gap n    =      -1.457 ( 0.002)  
 gap 2p   =      1.555 ( 0.004)  
 gap 2n   =      1.846 ( 0.004)  
 gap alpha =      1.244 ( 0.006)