^{210}Po $Z = 84$ $N = 126$ link to full NNDC output

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1645.213 (0.001) MeV

	Energy	T	J+		J-		J-other			T1/2	
S-alpha=	-5.407 (0.002)										
210PO 1	0.000		0+						1	138.376 D	2
210PO 2	1.181		2+						2	5.9 PS	12
210PO 3	1.427		4+						3	1.56 NS	6
210PO 4	1.473		6+						4	42.6 NS	10
210PO 5	1.557		8+						5	98.9 NS	25
210PO 6	2.188		8+						6		
210PO 7	2.290		2+						7		
210PO 8	2.326		6+						8		
210PO 9	2.383		4+						9		
210PO 10					2.387	3-			10	0.3 PS	AP
210PO 11	2.394		1+						11		
210PO 12	2.403		5+						12		
210PO 13	2.414		3+						13		
210PO 14	2.438		7+						14		
210PO 15	2.609		0+						15		
210PO 16							2.658		16		
210PO 17							2.846	(3)-	17		
210PO 18					2.849	11-			18	19.6 NS	4
210PO 19							2.872		19		
210PO 20					2.910	5-			20		
210PO 21							2.999	(9)-	21		
210PO 22							3.016	(7)-	22		
210PO 23							3.024	(2)-	23		
210PO 24					3.026	5-			24		
210PO 25							3.075	(4)-	25		
210PO 26	3.095		4+						26		
210PO 27					3.112	4-			27		
210PO 28							3.125	(6)-	28		
210PO 29							3.138	(8)-	29		
210PO 30					3.183	10-			30		
210PO 31							3.219	(6)+	31		
210PO 32					3.429	5-			32		
210PO 33							3.477		33		
210PO 34					3.525	6-			34		
210PO 35							3.637		35		
210PO 36					3.685	7-			36		
210PO 37							3.694		37		

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210PO  38 |                |   3.700     5-  |                          38
210PO  39 |                |                 |   3.711     (5-)         39
210PO  40 |                |                 |   3.727     (6)-         40
----------                                                              ----------------
210PO  41 |                |                 |   3.780     (4,5)-       41
210PO  42 |                |   3.780     7-  |                          42
210PO  43 |                |                 |   3.792     (2+)         43
210PO  44 |                |                 |   4.026     (7,8,9-)     44
210PO  45 |                |                 |   4.029     (4+)         45
210PO  46 |                |                 |   4.043                  46
210PO  47 |                |                 |   4.105                  47
210PO  48 |                |                 |   4.141     (6+)         48
210PO  49 |                |                 |   4.145     (10)-        49
210PO  50 |                |                 |   4.237                  50
----------                                                              ----------------
210PO  51 |                |                 |   4.320     (3+)         51
210PO  52 |                |                 |   4.324     (11-)        52
210PO  53 |                |                 |   4.330                  53
210PO  54 |                |                 |   4.346                  54
210PO  55 |                |   4.372     13- |                          55   54.4 NS  24
210PO  56 |                |                 |   4.382     (5+)         56
210PO  57 |                |                 |   4.387                  57
210PO  58 |                |                 |   4.470     (6+)         58
210PO  59 |                |                 |   4.503     (12-)        59
210PO  60 |                |                 |   4.542     (4+)         60
----------                                                              ----------------
210PO  61 |                |                 |   4.554     (7+)         61
210PO  62 |                |                 |   4.593                  62
210PO  63 |                |                 |   4.622     (3+)         63
210PO  64 |                |                 |   4.624     (5+)         64
210PO  65 |                |                 |   4.638                  65
210PO  66 |                |                 |   4.645     (6+)         66
210PO  67 |                |                 |   4.660                  67
210PO  68 |                |   4.777     14- |                          68
210PO  69 |                |                 |   4.948                  69
210PO  70 |                |                 |   4.971     (11-,12-)    70
----------                                                              ----------------
210PO  71 |                |                 |   4.974                  71
S-p    =   4.984 ( 0.002)----------------------------------------------------------------------
210PO  72 |                |                 |   4.991                  72
210PO  73 |                |                 |   4.998                  73
210PO  74 |                |                 |   5.041                  74
210PO  75 |  5.058     16+ |                 |                          75  263 NS    5
210PO  76 |                |                 |   5.186                  76
210PO  77 |                |                 |   5.270                  77
210PO  78 |                |                 |   5.615     (17+)        78
210PO  79 |                |                 |   6.070     (17+)        79
210PO  80 |                |                 |   6.085     (18+)        80
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210PO  81 |                |                 |   6.343     (19-)        81
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210PO  82 |                |                |   6.385     (18-)           82
210PO  83 |                |                |   6.422     (18)            83
210PO  84 |                |                |   6.714     (19+)           84
210PO  85 |                |                |   6.984     (20-)           85
210PO  86 |                |                |   6.995     (20-)           86
S-n    =   7.659 ( 0.002)-------------------------------------------------------------------------
210PO  87 |                |                |   7.720     (21-)           87
210PO  88 |                |                |   7.989     (21)            88
210PO  89 |                |                |   8.074     (23+)           89  9.0 NS    14
S-2p   =   8.782 ( 0.002)-------------------------------------------------------------------------
210PO  90 |                |                |   8.831     (24+)           90
----------                                                               ----------------
210PO  91 |                |                |   8.894     (23)            91
210PO  92 |                |                |   9.199     (25)            92
210PO  93 |                |                |   9.421     (25)            93
210PO  94 |                |                |   9.465     (25)            94
210PO  95 |                |                |   9.535     (26)            95
210PO  96 |                |                |   9.567     (26)            96
210PO  97 |                |                |   9.582     (26)            97
210PO  98 |                |                |   9.590     (26)            98
210PO  99 |                |                |  10.084     (27)            99


S-p    =   4.984 ( 0.002)-------------------------------------------------------------------------
S-n    =   7.659 ( 0.002)-------------------------------------------------------------------------
S-2p   =   8.782 ( 0.002)-------------------------------------------------------------------------
S-2n   =  14.626 ( 0.002)-------------------------------------------------------------------------
S-alpha=  -5.407 ( 0.002)-------------------------------------------------------------------------

S+p       =  -2.983 ( 0.003)
S+n       =  -4.551 ( 0.002)
S+2p      =  -7.284 ( 0.003)
S+2n      = -10.559 ( 0.001)
S+alpha   =   9.209 ( 0.009)

gap p     =   2.000 ( 0.003)
gap n     =   3.108 ( 0.003)
gap 2p    =   1.498 ( 0.004)
gap 2n    =   4.068 ( 0.002)
gap alpha =   3.801 ( 0.009)
```