^{108}Pd $Z = 46$ $N = 62$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 925.239 (0.001) MeV

	Energy	T	J+	J-	J-other		T1/2	
108PD	1	0.000	0+			1	STABLE	
108PD	2	0.434	2+			2	23.9 PS	7
108PD	3	0.931	2+			3	6.2 PS	4
108PD	4	1.048	4+			4	2.8 PS	3
108PD	5	1.053	0+			5	4.0 PS	4
108PD	6	1.314	0+			6	25 PS	GT
108PD	7	1.335	3+			7		
108PD	8	1.441	2+			8	4.8 PS	+12-10
108PD	9				1.540 (1+,2+)	9		
108PD	10	1.624	(4+)			10	1.69 PS	20
108PD	11	1.771	6+			11	0.88 PS	10
108PD	12	1.956	4+			12	4.7 PS	18
108PD	13	1.990	(4+)			13		
108PD	14				2.015	14		
108PD	15			2.047 3-		15	1 PS	LT
108PD	16	2.084	5+			16		
108PD	17				2.099 (1,2+)	17		
108PD	18	2.141	(0+)			18		
108PD	19	2.218	2+			19		
108PD	20				2.231	20		
108PD	21	2.259	6+			21		
108PD	22				2.281	22		
108PD	23				2.282	23		
108PD	24				2.283	24		
108PD	25			2.324 5-		25		
108PD	26	2.362	(2+)			26		
108PD	27	2.391	2+			27		
108PD	28	2.397	(8+)			28		
108PD	29				2.404	29		
108PD	30				2.418	30		
108PD	31	2.421	(6+)			31	1.01 PS	+43-10
108PD	32	2.466	4+			32		
108PD	33				2.472	33		
108PD	34	2.478	(2+)			34		
108PD	35				2.528	35		
108PD	36				2.530	36		
108PD	37				2.531 4-,5-	37		

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108PD  38 |                  |                  |   2.536          38
108PD  39 |  2.540     4+    |                  |                  39
108PD  40 |  2.548     8+    |                  |                  40  0.44 PS   5
----------                                                        -----------------
108PD  41 |                  |                  |   2.578          41
108PD  42 |  2.637     4+    |                  |                  42
108PD  43 |  2.671     (5+)  |                  |                  43
108PD  44 |                  |   2.691    (5-)  |                  44
108PD  45 |                  |   2.709    6(-)  |                  45
108PD  46 |  2.720     2+    |                  |                  46
108PD  47 |                  |   2.761    7-    |                  47
108PD  48 |                  |                  |   2.790          48
108PD  49 |                  |   2.842    7-    |                  49
108PD  50 |                  |                  |   2.864 (4+,5+,6+ 50
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108PD  51 |                  |                  |   2.888          51
108PD  52 |  2.919     (7+)  |                  |                  52
108PD  53 |                  |                  |   2.940          53
108PD  54 |  2.954     (8+)  |                  |                  54
108PD  55 |                  |                  |   2.969 4-,5-    55
108PD  56 |                  |                  |   3.050          56
108PD  57 |                  |   3.089    8(-)  |                  57
108PD  58 |                  |   3.100    8(-)  |                  58
108PD  59 |  3.111     (7+)  |                  |                  59
108PD  60 |                  |                  |   3.140          60
----------                                                        -----------------
108PD  61 |  3.257     10+   |                  |                  61
108PD  62 |                  |   3.280    9-    |                  62
108PD  63 |                  |                  |   3.287          63
108PD  64 |  3.351     10+   |                  |                  64
108PD  65 |                  |   3.420    9-    |                  65
108PD  66 |                  |                  |   3.424          66
108PD  67 |                  |   3.727    10(-) |                  67
108PD  68 |  3.749     (9+)  |                  |                  68
108PD  69 |  3.790     (10+) |                  |                  69
108PD  70 |                  |   3.794    10(-) |                  70
----------                                                        -----------------
108PD  71 |  3.798     12+   |                  |                  71
S-alpha=   3.853 ( 0.003) ------------------------------------------------------------
108PD  72 |                  |                  |   3.859          72
108PD  73 |                  |   3.964    11-   |                  73
108PD  74 |                  |                  |   4.120 (11)     74
108PD  75 |  4.159     12+   |                  |                  75
108PD  76 |                  |   4.195    11-   |                  76
108PD  77 |                  |                  |   4.378 (11)     77
108PD  78 |                  |   4.493    12(-) |                  78
108PD  79 |  4.529     (11+) |                  |                  79
108PD  80 |  4.642     14+   |                  |                  80
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108PD  81 |                  |   4.684    (12-) |                  81
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108PD  82 |                  |                  |   4.711 (13)      82
108PD  83 |                  |   4.778     (13-)|                   83
108PD  84 |  4.977     14+   |                  |                   84
108PD  85 |                  |                  |   5.132           85
108PD  86 |                  |   5.326     (14-)|                   86
108PD  87 |  5.371     (13+) |                  |                   87
108PD  88 |                  |                  |   5.608           88
108PD  89 |                  |   5.632     (15-)|                   89
108PD  90 |  5.692     16+   |                  |                   90
-----------                                                        -----------------
108PD  91 |                  |   6.225     (16-)|                   91
108PD  92 |                  |   6.517     (17-)|                   92
108PD  93 |  6.828     18+   |                  |                   93


S-p    =   9.950 ( 0.012) ------------------------------------------------------------
S-n    =   9.223 ( 0.002) ------------------------------------------------------------
S-2p   =  17.779 ( 0.006) ------------------------------------------------------------
S-2n   =  15.759 ( 0.002) ------------------------------------------------------------
S-alpha=   3.853 ( 0.003) ------------------------------------------------------------

S+p       =  -6.484 ( 0.002)
S+n       =  -6.154 ( 0.002)
S+2p      = -15.402 ( 0.001)
S+2n      = -14.949 ( 0.001)
S+alpha   =  -3.476 ( 0.001)

gap p     =   3.465 ( 0.012)
gap n     =   3.069 ( 0.002)
gap 2p    =   2.377 ( 0.006)
gap 2n    =   0.810 ( 0.002)
gap alpha =   0.378 ( 0.003)
```