

^{102}Pd $Z = 46$ $N = 56$ adopted link ENSDF link

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

BE = 875.190 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
102PD 1	0.000	0+			1 STABLE
102PD 2	0.556	2+			2 11.5 PS 8
102PD 3	1.276	4+			3 2.04 PS 10
102PD 4	1.534	2+			4 0.65 PS 5
102PD 5	1.593	0+			5 14.5 NS 4
102PD 6	1.658	0+			6 0.87 PS 22
102PD 7				1.715	7
102PD 8				1.919	8
102PD 9	1.944	2+			9 1.9 PS 7
S-alpha=	2.103 (0.006)				
102PD 10	2.111	6+			10
102PD 11	2.112	3+			11
102PD 12	2.138	4+			12 0.52 PS 13
102PD 13				2.249 (2,3)	13
102PD 14				2.295 (4-)	14 1.1 NS 1
102PD 15				2.301 (4+)	15
102PD 16				2.343 (3-)	16
102PD 17				2.391 (1,2)+	17
102PD 18				2.431	18
102PD 19			2.474 5-		19
102PD 20				2.480	20
102PD 21				2.490	21
102PD 22				2.533 (4+)	22
102PD 23				2.546	23
102PD 24				2.553	24
102PD 25				2.574 (1,2)	25
102PD 26				2.583	26
102PD 27				2.606	27
102PD 28				2.611 (1,2)+	28
102PD 29				2.651 (4+)	29
102PD 30				2.661	30
102PD 31				2.670	31
102PD 32				2.675	32
102PD 33				2.696 (1,2)	33
102PD 34				2.716 (1,2)+	34
102PD 35				2.734	35
102PD 36				2.737	36
102PD 37				2.750	37

102PD 38						2.769		38
102PD 39						2.799	(4+)	39
102PD 40						2.864		40

102PD 41				2.914	6-			41
102PD 42						2.977	4(+),5(+),6(+)	42
102PD 43						3.003	4+,5+,6+	43
102PD 44						3.009	(4)	44
102PD 45		3.013	8+					45
102PD 46						3.040		46
102PD 47						3.075	4+,5+,6+	47
102PD 48						3.113		48
102PD 49						3.123	1+,2+,3+	49
102PD 50						3.166	4,5,6	50

102PD 51						3.179	4,5,6	51
102PD 52				3.188	7-			52
102PD 53						3.238	1+,2+	53
102PD 54						3.279		54
102PD 55						3.296		55
102PD 56		3.340	8+					56
102PD 57						3.390	(7-)	57
102PD 58				3.671	8-			58
102PD 59				3.728	9-			59
102PD 60						3.889	(9-)	60

102PD 61		3.993	10+					61
102PD 62						4.033		62
102PD 63				4.318	10-			63
102PD 64						4.329	(10+)	64
102PD 65				4.433	11-			65
102PD 66						4.646	(11-)	66
102PD 67						4.747		67
102PD 68						4.837		68
102PD 69						4.945	(11-)	69
102PD 70		5.055	12+					70

102PD 71				5.094	12-			71
102PD 72						5.261	(12+)	72
102PD 73				5.326	13-			73
102PD 74						5.577	(13-)	74
102PD 75						5.769		75
102PD 76				5.985	14-			76
102PD 77		6.139	14+					77
102PD 78		6.180	14+					78
102PD 79						6.223	(14+)	79
102PD 80				6.345	15-			80

102PD 81						6.539	(15-)	81
102PD 82				6.988	16-			82

