

^{214}Po $Z = 84$ $N = 130$ adopted link ENSDF link

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

BE = 1666.015 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-7.834	(0.002)	-----		
214Po 1	0.000	0+			1 163.46 US 4
214Po 2	0.609	2+			2
214Po 3					3
214Po 4			1.275	3-	4
214Po 5					5
214Po 6	1.378	2+			6
214Po 7	1.415	0+			7 99 PS 3
214Po 8	1.543	2+			8
214Po 9					9 13 NS 1
214Po 10					10

214Po 11	1.661	2+			11
214Po 12					12
214Po 13					13
214Po 14	1.730	2+			14
214Po 15					15
214Po 16					16
214Po 17	1.765	1+			17
214Po 18					18
214Po 19					19
214Po 20	1.847	2+			20

214Po 21					21
214Po 22					22
214Po 23			1.995	1-	23
214Po 24					24
214Po 25	2.017	0+			25
214Po 26					26
214Po 27	2.119	1+			27
214Po 28					28
214Po 29					29
214Po 30					30

214Po 31					31
214Po 32	2.204	1+			32
214Po 33					33
214Po 34	2.266	2+			34
214Po 35					35
214Po 36					36
214Po 37					37

214P0	38				2.361	(1,2+)	38
214P0	39				2.378	(10+)	39
214P0	40				2.423	(1,2+)	40

214P0	41		2.448	1-			41
214P0	42				2.482	(1-,2+)	42
214P0	43				2.505	(1-,2+)	43
214P0	44				2.508	(0+)	44
214P0	45				2.545		45
214P0	46				2.553		46
214P0	47				2.562		47
214P0	48				2.605	(2+)	48
214P0	49				2.605		49
214P0	50				2.612	(12+)	50

214P0	51				2.631	(1,2+)	51
214P0	52				2.662	(2+)	52
214P0	53				2.670		53
214P0	54				2.695	(1-,2+)	54
214P0	55				2.699	(1,2)+	55
214P0	56	2.719		1+			56
214P0	57				2.729	(0+,1,2)	57
214P0	58				2.734	(12+)	58
214P0	59				2.770	(1,2+)	59
214P0	60				2.786	(1,2+)	60

214P0	61				2.794		61
214P0	62				2.803		62
214P0	63				2.827	(1,2+)	63
214P0	64				2.861	(1,2+)	64
214P0	65				2.870	(2-,3-)	65
214P0	66				2.880	(1-,2+)	66
214P0	67				2.894	(1,2+)	67
214P0	68				2.897		68
214P0	69				2.920		69
214P0	70				2.922	(1,2+)	70

214P0	71				2.929	(1,2+)	71
214P0	72				2.935	(1,2+)	72
214P0	73				2.941	(1-,2+)	73
214P0	74				2.963		74
214P0	75				2.968		75
214P0	76				2.979	(1,2+)	76
214P0	77				2.986	(2-,3)	77
214P0	78				3.000	(1-,2+)	78
214P0	79				3.003		79
214P0	80				3.006		80

214P0	81				3.014	(1,2+)	81
214P0	82				3.022	(2-,3,4+)	82

214P0	83				3.030		83
214P0	84				3.039		84
214P0	85				3.054	(1,2+)	85
214P0	86				3.068		86
214P0	87				3.079		87
214P0	88				3.082	(1,2+)	88
214P0	89				3.094	(1-,2+)	89
214P0	90				3.139		90

214P0	91				3.143	(1,2+)	91
214P0	92				3.149	(1,2+)	92
214P0	93				3.160	(1,2+)	93
214P0	94				3.164		94
214P0	95				3.173		95
214P0	96				3.184	(1,2+)	96
214P0	97				3.262		97

S-p = 6.527 (0.005)-----
S-n = 5.888 (0.003)-----
S-2p = 11.499 (0.002)-----
S-2n = 10.243 (0.002)-----
S-alpha= -7.834 (0.002)-----

S+p = -4.076 (0.007)
S+n = -4.143 (0.003)
S+2p = -9.855 (0.006)
S+2n = -9.890 (0.002)
S+alpha = 7.262 (0.003)

gap p = 2.452 (0.009)
gap n = 1.745 (0.004)
gap 2p = 1.644 (0.006)
gap 2n = 0.353 (0.003)
gap alpha = -0.571 (0.003)