

$^{206}\text{Po}$        $Z = 84$        $N = 122$       adopted link      ENSDF link

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

BE = 1615.163 ( 0.004) MeV

Qbeta+ = 1.840 ( 0.009) MeV

	Energy T	J+		J-		J-other		T1/2
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S-alpha=	-5.327	( 0.006)	-----					
206PO 1	0.000	0+						1 8.8 D 1
206PO 2	0.701	2+						2
206PO 3	1.162	2+						3
206PO 4	1.178	4+						4
206PO 5	1.434	4+						5
206PO 6	1.546	4+						6
206PO 7					1.565	(3)+		7
206PO 8	1.573	6+						8
206PO 9	1.586	8+						9 232 NS 4
206PO 10					1.916	(4)+		10
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206PO 11					2.101	(5)+		11
206PO 12					2.139	(4+,5+)		12
206PO 13	2.200	8+						13
206PO 14			2.262	9-				14 1.05 US 6
206PO 15					2.303	(5+)		15
206PO 16	2.419	10+						16
206PO 17					2.423	(9+)		17
206PO 18					2.432	(9,10)		18
206PO 19					2.501	5+,6+		19
206PO 20					2.582	(4+,5+,6+)		20
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206PO 21	2.613	10+						21
206PO 22			2.656	11-				22 0.5 NS 1
206PO 23	2.781	11+						23
206PO 24	2.902	12+						24
206PO 25					2.917	(4+,5+,6+)		25
206PO 26			3.068	11-				26
206PO 27	3.210	12+						27
206PO 28					3.362	(+)		28
206PO 29					3.396			29
206PO 30			3.463	13-				30
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206PO 31			3.486	13-				31
206PO 32			3.549	14-				32
206PO 33			3.558	12-				33
206PO 34			3.567	15-				34
206PO 35					3.595	(+)		35
206PO 36					3.704			36

206PO	37						3.872	(+)		37
206PO	38				3.952	14-				38
206PO	39						4.039			39
206PO	40				4.163	16-				40
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206PO	41						4.231			41
206PO	42						4.410	(+)		42
S-p	=		4.412	(	0.006)	-----				
206PO	43						4.420			43
206PO	44						4.484	(13)		44
206PO	45						4.495	(13)		45
206PO	46		4.569	14+						46
206PO	47		4.613	15+						47
206PO	48				4.633	17-				48
206PO	49						4.652	(16+)		49
206PO	50						4.686	(17+)		50
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206PO	51						4.698			51
206PO	52		4.712	16+						52
206PO	53				4.744	17-				53
206PO	54						4.832	(18+)		54
206PO	55						5.169	(17+)		55
206PO	56						5.213	(19+)		56
206PO	57						5.335	(18+)		57
206PO	58						5.378	(18-)		58
206PO	59						5.486			59
206PO	60						5.514	(19+)		60
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206PO	61						5.875	(20)		61
206PO	62				5.935	19-				62
206PO	63						6.010	(20)		63
206PO	64						6.020			64
206PO	65						6.051			65
206PO	66						6.119	(20-)		66
206PO	67						6.288	(21-)		67
206PO	68						6.344			68
206PO	69						6.478			69
206PO	70						6.522	(21)		70
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206PO	71						6.700	(21)		71
206PO	72						6.756	(22-)		72
206PO	73						6.873	(21)		73
206PO	74						6.958	(22)		74
206PO	75						6.983			75
206PO	76						7.121			76
206PO	77						7.137			77
206PO	78						7.159	(23)		78
206PO	79						7.197	(23)		79
206PO	80						7.268			80
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206P0	81				7.282	(22)	81
206P0	82				7.413		82
206P0	83				7.474		83
206P0	84				7.502	(24)	84
206P0	85				7.594		85
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S-2p	=	7.657	(	0.004)			
206P0	86				7.823		86
206P0	87				8.044		87
206P0	88				8.201		88
206P0	89				8.219		89
206P0	90				8.259		90
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206P0	91				8.265		91
206P0	92				8.349		92
206P0	93				8.382		93
206P0	94				8.431		94
206P0	95				8.628		95
206P0	96				8.643		96
S-n	=	8.738	(	0.011)			
206P0	97				8.898		97
206P0	98				8.994		98
206P0	99				9.725		99
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S-p	=	4.412	(	0.006)			
S-n	=	8.738	(	0.011)			
S-2p	=	7.657	(	0.004)			
S-2n	=	15.990	(	0.011)			
S-alpha	=	-5.327	(	0.006)			
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S+p	=	-2.328	(	0.013)			
S+n	=	-7.028	(	0.008)			
S+2p	=	-6.045	(	0.011)			
S+2n	=	-15.423	(	0.004)			
S+alpha	=	6.159	(	0.006)			
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gap p	=	2.084	(	0.014)			
gap n	=	1.710	(	0.013)			
gap 2p	=	1.612	(	0.012)			
gap 2n	=	0.567	(	0.012)			
gap alpha	=	0.832	(	0.008)			