

^{86}Kr $Z = 36$ $N = 50$ adopted link ENSDF link

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

BE = 749.234 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
86KR 1	0.000	0+			1 STABLE
86KR 2	1.565	2+			2 0.286 PS +28-24
86KR 3	2.250	4+			3 3.1 NS 6
86KR 4	2.349	2+			4
86KR 5	2.726	0+			5
86KR 6				2.851 (2,3)+	6
86KR 7			2.917 (3-)		7
86KR 8	2.926 (2)+				8
86KR 9				3.009 (1,2)+	9
86KR 10			3.099 3-		10
86KR 11				3.328 (3+,4+)	11
86KR 12	3.541 0+				12
86KR 13				3.583 (0+:4+)	13
86KR 14				3.783 (LE 3)(+)	14
86KR 15	3.816 (5+)				15
86KR 16	3.832 0+				16
86KR 17				3.935 (5)	17
86KR 18				3.959 (3-,4+)	18
86KR 19				4.039 (2,3)-	19
86KR 20	4.064 (6+)				20
86KR 21			4.072 (5-)		21
86KR 22	4.111 2+				22
86KR 23	4.175 (4+)				23
86KR 24	4.194 2+				24
86KR 25	4.277 (7+)				25
86KR 26			4.316 (2-)		26
86KR 27	4.399 (4+)				27
86KR 28				4.401 1	28
86KR 29			4.431 (6-)		29
86KR 30	4.559 (4+)				30
86KR 31				4.666 (3-,4+)	31
86KR 32				4.693 (7)	32
86KR 33				4.706	33
86KR 34	4.756 (7+)				34
86KR 35	4.819 (2+)				35
86KR 36			4.867 (1-)		36
86KR 37	4.928 (4+)				37

86KR 38						4.933	38
86KR 39		4.948	(2+)				39
86KR 40						4.991	40

86KR 41						5.127	41
86KR 42						5.203	42
86KR 43						5.314	43
86KR 44						5.406 (1,2)	44
86KR 45						5.438	45
86KR 46					5.517	1-	46
86KR 47						5.571 1	47
86KR 48						5.637	48
86KR 49		5.660	(8+)				49
86KR 50						5.669	50

86KR 51						5.707	51
86KR 52						5.788 (1)	52
86KR 53						5.799	53
86KR 54		5.814	(9+)				54
86KR 55						5.862	55
86KR 56					5.924	1-	56
86KR 57						5.981	57
86KR 58						6.085	58
86KR 59						6.089 (1,2)	59
86KR 60						6.118	60

86KR 61					6.160	1-	61
86KR 62						6.212 1	62
86KR 63						6.248 (10)	63
86KR 64						6.318	64
86KR 65					6.329	1-	65
86KR 66						6.397	66
86KR 67					6.432	1-	67
86KR 68					6.463	1-	68
86KR 69					6.532	1-	69
86KR 70						6.679 1	70

86KR 71						6.720 (1,2)	71
86KR 72						6.768 (1,2)	72
86KR 73					6.819	1-	73
86KR 74					7.028	1-	74
86KR 75						7.128 (10)	75
86KR 76						7.235 (1)	76
86KR 77					7.305	1-	77
86KR 78					7.315	1-	78
86KR 79						7.459 (11)	79
86KR 80					7.570	1-	80

86KR 81						7.676 1	81
86KR 82						7.746 1	82

86KR 83				7.798	1-			83
86KR 84				7.847	1-			84
86KR 85				7.874	1-			85
86KR 86							7.876 (12)	86
86KR 87				7.958	1-			87
S-alpha=		8.097 (0.000)	-----					
86KR 88				8.429	1-			88
86KR 89				8.622	1-			89
86KR 90				8.651	1-			90
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86KR 91							8.802 1	91
86KR 92				8.842	1-			92
86KR 93				9.014	1-			93
86KR 94							9.068 1	94
86KR 95				9.086	1-			95
86KR 96							9.453 1	96
86KR 97							9.478	97
S-n =		9.857 (0.002)	-----					
86KR 98							10.116 1	98
S-p =		11.979 (0.003)	-----					
S-n =		9.857 (0.002)	-----					
S-2p =		21.896 (0.002)	-----					
S-2n =		16.969 (0.000)	-----					
S-alpha=		8.097 (0.000)	-----					
S+p =		-8.621 (0.000)						
S+n =		-5.515 (0.000)						
S+2p =		-19.234 (0.000)						
S+2n =		-12.568 (0.003)						
S+alpha =		-5.110 (0.001)						
gap p =		3.358 (0.003)						
gap n =		4.341 (0.002)						
gap 2p =		2.662 (0.002)						
gap 2n =		4.401 (0.003)						
gap alpha =		2.986 (0.002)						