

^{88}Kr $Z = 36$ $N = 52$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 761.803 (0.003) MeV

Qbeta- = 2.918 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
88KR 1	0.000	0+			1 2.825 H 19
88KR 2	0.775	2+			2 11.1 PS 12
88KR 3	1.577	2+			3
88KR 4	1.644	4+			4
88KR 5				2.104 (4+)	5
88KR 6	2.216	2+			6
88KR 7				2.342 (3,4+)	7
88KR 8				2.370	8
88KR 9				2.420 (3-)	9
88KR 10				2.550 (4+)	10
88KR 11				2.631 (3,4+)	11
88KR 12	2.651	2+			12
88KR 13	2.776	0+			13
88KR 14				2.828 (1,2+)	14
88KR 15				2.855 (5)	15 1 PS LE
88KR 16				2.875 (2+)	16
88KR 17				2.929 (3,4+)	17
88KR 18				2.945 (1,2+)	18
88KR 19				2.966 (3-)	19
88KR 20				3.045	20
88KR 21				3.114 (1,2+)	21
88KR 22				3.161 (5)	22
88KR 23				3.163 (3,4+)	23
88KR 24				3.167 (6)	24
88KR 25				3.204	25
88KR 26				3.246 3-,4+	26
88KR 27				3.295 (5,6)	27 1 PS LE
88KR 28				3.312	28
88KR 29				3.332 (1,2+)	29
88KR 30				3.336 (3,4+)	30
88KR 31				3.341 (2+)	31
88KR 32				3.362	32
88KR 33				3.399 (1,2+)	33
88KR 34				3.519	34
88KR 35				3.553	35
88KR 36	3.608	2+			36
88KR 37				3.652 3-,4+	37

88KR 38				3.710	(3)	38
88KR 39				3.761	3-,4+	39
88KR 40				3.771	(1-,2+)	40

88KR 41				3.866		41
88KR 42				3.905		42
88KR 43				3.921	(7)	43
88KR 44				3.932		44
88KR 45				4.048	(2+)	45
88KR 46				4.100	(3-)	46
88KR 47				4.220	(3-,4+)	47
88KR 48				4.268	(1-,2,3)	48
88KR 49				4.288	(1,2+)	49
88KR 50				4.343	(8)	50

88KR 51				4.372		51
88KR 52				4.430	(2+)	52
88KR 53				4.479		53
88KR 54				4.560	(1,2,3)	54
88KR 55				4.563	(1,2+)	55
88KR 56				4.597	(1-,2+)	56
88KR 57				4.708	(1-,2+)	57
88KR 58				4.858		58
88KR 59				4.924	(1-,2,3)	59
88KR 60				4.986	(1,2+)	60

88KR 61				5.019	(1,2+)	61
88KR 62				5.070	(2+,3,4+)	62
88KR 63				5.088	(1,2+)	63
88KR 64				5.193	(9)	64
88KR 65				5.271	(1,2,3)	65
88KR 66				5.439	(1,2,3)	66
88KR 67				5.496	(1,2,3)	67
88KR 68				5.503	(1,2+)	68
88KR 69				5.627	(1,2,3)	69
88KR 70				5.693	(1,2,3)	70

88KR 71				5.726		71
88KR 72				5.857		72
88KR 73				5.915	(1-,2+,3-)	73
88KR 74				5.973	(1,2,3)	74
88KR 75				5.977	(1,2,3)	75
88KR 76				5.989	(1,2,3)	76
88KR 77				6.034	(1,2+)	77
88KR 78				6.071	(1,2+)	78
88KR 79				6.109		79

S-alpha=	6.168	(0.003)			
88KR 80				6.232	(1,2+)	80

88KR 81				6.234		81

88KR	82				6.539	(1,2,3)	82
88KR	83				6.718	(1,2,3)	83
88KR	84				6.758	(1,2,3)	84
88KR	85				6.999	(1,2+)	85
S-n	=	7.053	(0.003)	-----			
88KR	86				7.491		86
88KR	87				7.970		87
S-p	=	13.089	(0.004)	-----			
S-n	=	7.053	(0.003)	-----			
S-2p	=	23.766	(0.004)	-----			
S-2n	=	12.568	(0.003)	-----			
S-alpha	=	6.168	(0.003)	-----			
S+p	=	-9.310	(0.006)				
S+n	=	-4.916	(0.003)				
S+2p	=	-20.835	(0.003)				
S+2n	=	-11.411	(0.003)				
S+alpha	=	-5.601	(0.004)				
gap p	=	3.778	(0.007)				
gap n	=	2.137	(0.004)				
gap 2p	=	2.931	(0.005)				
gap 2n	=	1.158	(0.004)				
gap alpha	=	0.567	(0.005)				