

^{90}Kr $Z = 36$ $N = 54$ adopted link ENSDF link

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

BE = 773.213 (0.002) MeV

Qbeta- = 4.406 (0.007) MeV

	Energy T	J+	J-	J-other	T1/2
90KR 1	0.000	0+			1 32.32 S 9
90KR 2	0.707	2+			2 10.7 PS 16
90KR 3	1.362	2+			3 1.1 PS +4-2
90KR 4				1.764 (3,4,2)+	4
90KR 5	1.830	4+			5
90KR 6				1.940	6
90KR 7				2.103	7
90KR 8				2.148	8
90KR 9				2.193	9
90KR 10				2.249 (2+)	10 0.23 PS LT
90KR 11				2.318	11
90KR 12				2.536	12
90KR 13				2.544	13
90KR 14				2.596	14
90KR 15				2.596	15
90KR 16				2.686	16
90KR 17				2.687	17
90KR 18				2.731	18
90KR 19				2.748	19
90KR 20				2.781	20
90KR 21				2.828	21
90KR 22				2.853 5	22
90KR 23				2.864	23
90KR 24				2.987	24
90KR 25				3.085	25
90KR 26				3.140	26
90KR 27				3.224 (5+,6+)	27
90KR 28				3.231	28
90KR 29				3.285	29
90KR 30				3.318	30
90KR 31				3.373	31
90KR 32				3.508	32
90KR 33				3.695	33
90KR 34				3.897	34
90KR 35				4.036	35
90KR 36				4.099	36
90KR 37				4.285	37

90KR	38	|	|	|	4.291	38
90KR	39	|	|	|	4.547	39
90KR	40	|	|	|	4.786	40

90KR	41	|	|	|	5.004	41
90KR	42	|	|	|	5.053	42
90KR	43	|	|	|	5.080	43
90KR	44	|	|	|	5.385	44
90KR	45	|	|	|	5.683	45
90KR	46	|	|	|	5.730	46
90KR	47	|	|	|	6.298	47
S-p	=	13.974	(	0.004)	-----	
S-n	=	6.495	(	0.003)	-----	
S-2p	=	25.653	(	0.004)	-----	
S-2n	=	11.411	(	0.003)	-----	
S-alpha	=	6.881	(	0.003)	-----	
S+p	=	-10.075	(	0.008)		
S+n	=	-4.086	(	0.003)		
S+2p	=	-22.486	(	0.004)		
S+2n	=	-9.953	(	0.003)		
S+alpha	=	-6.311	(	0.002)		
gap p	=	3.899	(	0.009)		
gap n	=	2.409	(	0.004)		
gap 2p	=	3.167	(	0.005)		
gap 2n	=	1.458	(	0.005)		
gap alpha	=	0.570	(	0.004)		