

^{90}Kr $Z = 36$ $N = 54$ [link to full NNDC output](#)

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

BE = 773.213 (0.002) MeV

Qbeta- = 4.405 (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
90KR 3				1.362	3
90KR 4				1.831	4
90KR 5				1.940	5
90KR 6				2.103	6
90KR 7				2.148	7
90KR 8				2.193	8
90KR 9				2.249	9
90KR 10				2.318	10
90KR 11				2.536	11
90KR 12				2.544	12
90KR 13				2.596	13
90KR 14				2.686	14
90KR 15				2.687	15
90KR 16				2.731	16
90KR 17				2.748	17
90KR 18				2.781	18
90KR 19				2.828	19
90KR 20				2.864	20
90KR 21				2.987	21
90KR 22				3.140	22
90KR 23				3.231	23
90KR 24				3.285	24
90KR 25				3.318	25
90KR 26				3.373	26
90KR 27				3.508	27
90KR 28				4.291	28
90KR 29				4.547	29
90KR 30				4.786	30
90KR 31				5.004	31
90KR 32				5.080	32
90KR 33				5.385	33
90KR 34				5.683	34
90KR 35				5.730	35

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 (0.003)

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)