^{72}Kr $Z = 36$ $N = 36$ link to full NNDC output

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

BE = 606.911 (0.008) MeV
Qbeta+ = 5.121 (0.008) MeV

	Energy	T	J+	J-	J-other		T1/2	
72KR 1	0.000		0+			1	17.1 S	2
72KR 2	0.671		0+			2	26.3 NS	21
72KR 3	0.710		2+			3	3.1 PS	4
72KR 4	1.321		4+			4		
72KR 5				1.849	(3-)	5		
72KR 6	2.113		6+			6		
S-alpha=	2.176 (0.008)							
72KR 7				2.456	(5-)	7		
72KR 8	3.108		8+			8		
72KR 9				3.266	(7-)	9		
72KR 10				3.797		10		
72KR 11				4.283	(9-)	11		
72KR 12	4.293		10+			12		
S-p =	4.727 (0.010)							
72KR 13				4.757		13		
72KR 14				5.497	(11-)	14		
72KR 15	5.648		12+			15		
72KR 16				6.049		16		
S-2p =	6.589 (0.008)							
72KR 17				6.891	(13-)	17		
72KR 18	7.157		14+			18		
72KR 19				7.164		19		
72KR 20				8.447	(15-)	20		
72KR 21				8.526	(16+)	21		
72KR 22				8.608		22		
72KR 23				8.745	(16+)	23		
72KR 24				8.821	(16+)	24		
72KR 25				9.767	(18+)	25		
72KR 26				10.041		26		
72KR 27				10.141	(17-)	27		
72KR 28				10.559	(18+)	28		
72KR 29				11.234	(20+)	29		
72KR 30				11.537		30		
72KR 31				12.387	(20+)	31		
72KR 32				13.136		32		
72KR 33				13.180	(22+)	33	42 FS	22
72KR 34				14.303	(22+)	34	9.7 FS	35

```
 72KR  35 |                |                |  14.915                    35
 72KR  36 |                |                |  15.640     (24+)          36
S-n    =  15.685 ( 0.129)-------------------------------------------------------------------
 72KR  37 |                |                |  16.337     (24+)          37
 72KR  38 |                |                |  16.976                    38
 72KR  39 |                |                |  18.474     (26+)          39
 72KR  40 |                |                |  18.703     (26+)          40
-----------                                                             -----------------
 72KR  41 |                |                |  19.491                    41


S-p    =   4.727 ( 0.010)-------------------------------------------------------------------
S-n    =  15.685 ( 0.129)-------------------------------------------------------------------
S-2p   =   6.589 ( 0.008)-------------------------------------------------------------------
S-2n   =   0.000 ( 0.000)-------------------------------------------------------------------
S-alpha=   2.176 ( 0.008)-------------------------------------------------------------------

S+p       =   0.000 ( 0.000)
S+n       = -10.682 ( 0.010)
S+2p      =   0.000 ( 0.000)
S+2n      = -24.534 ( 0.008)
S+alpha   =  -2.732 ( 0.035)

gap p     =   0.000 ( 0.000)
gap n     =   5.002 ( 0.129)
gap 2p    =   0.000 ( 0.000)
gap 2n    =   0.000 ( 0.000)
gap alpha =  -0.556 ( 0.036)
```