

$^{35}\text{K}$        $Z = 19$        $N = 16$       [link to full NNDC output](#)

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

BE = 278.804 ( 0.001) MeV

Qbeta+ = 11.874 ( 0.001) MeV

	Energy T	J+	J-	J-other	T1/2
35K 1				0.000 (3/2)+	1 178 MS 8
S-p =	0.084 ( 0.001)				
35K 2				1.553	2
35K 3				2.690	3
35K 4				3.783	4
35K 5				4.020	5
S-2p =	4.747 ( 0.001)				
35K 6				4.790	6
35K 7				4.983	7
35K 8				5.251	8
35K 9				5.536	9
35K 10				5.713	10
35K 11				5.867	11
35K 12				6.092	12
35K 13				6.336	13
S-alpha=	6.563 ( 0.003)				
35K 14				9.169	14
S-p =	0.084 ( 0.001)				
S-n =	0.000 ( 0.000)				
S-2p =	4.747 ( 0.001)				
S-2n =	0.000 ( 0.000)				
S-alpha=	6.563 ( 0.003)				
S+p =	-2.567 ( 0.040)				
S+n =	-14.315 ( 0.001)				
S+2p =	0.000 ( 0.000)				
S+2n =	-29.770 ( 0.001)				
S+alpha =	-5.425 ( 0.024)				
gap p =	-2.484 ( 0.040)				
gap n =	0.000 ( 0.000)				
gap 2p =	0.000 ( 0.000)				
gap 2n =	0.000 ( 0.000)				
gap alpha =	1.139 ( 0.024)				