

^{35}K $Z = 19$ $N = 16$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

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 =	18.024 (0.204)				
S-2p =	4.747 (0.001)				
S-2n =	34.868 (0.198)				
S-alpha=	6.563 (0.003)				

S+p =	-2.567 (0.040)				
S+n =	-14.316 (0.001)				
S+2p =	0.379 (0.296)				
S+2n =	-29.770 (0.001)				
S+alpha =	-5.425 (0.024)				

gap p =	-2.484 (0.040)				
gap n =	3.709 (0.204)				
gap 2p =	5.127 (0.296)				
gap 2n =	5.099 (0.198)				
gap alpha =	1.139 (0.024)				