

^{53}K $Z = 19$ $N = 34$ adopted link ENSDF link

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

BE = 425.211 (0.112) MeV

Qbeta- = 17.092 (0.120) MeV

	Energy T	J+	J-	J-other	T1/2
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^{53}K 1				0.000 (3/2+)	1 30 MS 5

S-p = 18.207 (0.634)-----

S-n = 3.229 (0.117)-----

S-2p = 41.181 (0.723)-----

S-2n = 5.923 (0.113)-----

S-alpha= 15.450 (0.408)-----

S+p = -20.154 (0.122)

S+n = -0.903 (0.394)

S+2p = -33.124 (0.128)

S+2n = -3.349 (0.507)

S+alpha = -11.509 (0.212)

gap p = -1.947 (0.646)

gap n = 2.326 (0.411)

gap 2p = 8.057 (0.734)

gap 2n = 2.574 (0.520)

gap alpha = 3.941 (0.459)