

^{52}K $Z = 19$ $N = 33$ adopted link ENSDF link

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

BE = 421.982 (0.034) MeV

Qbeta- = 17.129 (0.034) MeV

	Energy T	J+	J-	J-other	T1/2
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52K 1				0.000 (2-)	1 110 MS 6

S-p = 17.960 (0.409)-----

S-n = 2.693 (0.036)-----

S-2p = 39.432 (0.401)-----

S-2n = 7.552 (0.034)-----

S-alpha= 15.302 (0.481)-----

S+p = -19.539 (0.055)

S+n = -3.229 (0.117)

S+2p = -31.878 (0.036)

S+2n = -4.132 (0.379)

S+alpha = -10.803 (0.262)

gap p = -1.579 (0.413)

gap n = -0.536 (0.122)

gap 2p = 7.553 (0.403)

gap 2n = 3.420 (0.381)

gap alpha = 4.499 (0.548)