

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

Based on ensdf\_240402 (Apr 2024), 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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53K	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)