

^{53}Sc $Z = 21$ $N = 32$ adopted link ENSDF link

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

BE = 450.120 (0.018) MeV

Qbeta- = 8.112 (0.018) MeV

	Energy T	J+	J-	J-other	T1/2
53SC	1			0.000 (7/2-)	1 2.6 S 4
53SC	2			2.109 (3/2-)	2
53SC	3			2.283 (9/2-)	3
53SC	4			2.617 (11/2-)	4
53SC	5			3.220 (5/2-)	5
53SC	6			3.382 (1/2-)	6

S-p = 11.792 (0.018)-----

S-n = 6.317 (0.018)-----

S-2p = 30.832 (0.022)-----

S-2n = 11.662 (0.018)-----

S-alpha= 11.583 (0.018)-----

S+p = -14.263 (0.024)

S+n = -3.740 (0.023)

S+2p = -24.934 (0.032)

S+2n = -8.215 (0.065)

S+alpha = -8.090 (0.087)

gap p = -2.471 (0.030)

gap n = 2.578 (0.029)

gap 2p = 5.898 (0.039)

gap 2n = 3.447 (0.067)

gap alpha = 3.492 (0.088)