

^{53}Sc $Z = 21$ $N = 32$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 450.257 (0.094) MeV

Qbeta- = 7.924 (0.137) 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 = 11.930 (0.094)-----

S-n = 6.535 (0.125)-----

S-2p = 30.969 (0.095)-----

S-2n = 11.821 (0.096)-----

S-alpha= 11.720 (0.094)-----

S+p = -14.004 (0.125)

S+n = -3.055 (0.289)

S+2p = -24.816 (0.134)

S+2n = -7.395 (0.464)

S+alpha = -7.932 (0.124)

gap p = -2.075 (0.157)

gap n = 3.479 (0.314)

gap 2p = 6.153 (0.164)

gap 2n = 4.426 (0.474)

gap alpha = 3.789 (0.155)