

^{52}Sc $Z = 21$ $N = 31$ [link to full NNDC output](#)

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

BE = 443.723 (0.082) MeV

Qbeta- = 9.027 (0.082) MeV

	Energy T	J+	J-	J-other	T1/2
52SC 1				0.000 3(+)	1 8.2 S 2
52SC 2				0+X	2
52SC 3				212.0+X	3
52SC 4				0.675	4
52SC 5	1.636	1+			5
52SC 6				1655+X	6
52SC 7				2332.0+X	7
52SC 8	2.746	1+			8
52SC 9				3.458	9
52SC 10				3603.1+X	10
52SC 11				3954.1+X	11
52SC 12	4.266	1+			12
52SC 13				4345.1+X	13
52SC 14				5696.1+X	14

S-p = 11.400 (0.082)-----
 S-n = 5.286 (0.084)-----
 S-2p = 29.293 (0.082)-----
 S-2n = 12.039 (0.083)-----
 S-alpha= 10.584 (0.082)-----

S+p = -13.677 (0.129)
 S+n = -6.535 (0.125)
 S+2p = -24.028 (0.083)
 S+2n = -9.590 (0.285)
 S+alpha = -8.137 (0.195)

gap p = -2.277 (0.153)
 gap n = -1.249 (0.150)
 gap 2p = 5.266 (0.117)
 gap 2n = 2.448 (0.297)
 gap alpha = 2.447 (0.211)