

$^{39}\text{Sc}$        $Z = 21$        $N = 18$       adopted link      ENSDF link

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

BE = 312.525 ( 0.024) MeV

Qbeta+ = 13.110 ( 0.024) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-p	= -0.597 ( 0.024)				
39SC 1				0.000 (7/2-)	1 300 NS LT
39SC 2				0.950 (3/2-)	2
S-alpha	= 5.425 ( 0.024)				
-----					
S-2p	= 3.950 ( 0.024)				
39SC 3				8.960 (3/2+)	3
39SC 4				0.000	4

S-p	= -0.597 ( 0.024)				
S-n	= 17.987 ( 0.192)				
S-2p	= 3.950 ( 0.024)				
S-2n	= 34.100 ( 0.297)				
S-alpha	= 5.425 ( 0.024)				

S+p	= -2.110 ( 0.072)
S+n	= -14.422 ( 0.024)
S+2p	= -0.100 ( 0.206)
S+2n	= -30.612 ( 0.024)
S+alpha	= -6.169 ( 0.049)

gap p	= -2.706 ( 0.076)
gap n	= 3.565 ( 0.193)
gap 2p	= 3.850 ( 0.208)
gap 2n	= 3.488 ( 0.298)
gap alpha	= -0.744 ( 0.055)