

$^{50}\text{Ni}$        $Z = 28$        $N = 22$       adopted link      ENSDF link

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

BE      =      385.100 (-0.500) MeV

Qbeta+ =      14.150 ( 0.516) MeV

	Energy T	J+	J-	J-other	T1/2
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50Ni	1   0.000	0+			1 18.5 MS 12

S-p      =      0.940 (-0.700)-----

S-n      =      20.050 (-0.772)-----

S-2p     =      0.009 (-0.508)-----

S-2n     =      37.772 (-0.661)-----

S-alpha=    7.066 (-0.595)-----

S+p      =      0.000 (-0.000)

S+n      =     -16.270 (-0.714)

S+2p     =      0.000 (-0.000)

S+2n     =     -35.263 (-0.507)

S+alpha   =     -4.672 (-0.545)

gap p     =      0.000 ( 0.000)

gap n     =      3.780 ( 1.052)

gap 2p    =      0.000 ( 0.000)

gap 2n    =      2.509 ( 0.833)

gap alpha =      2.394 ( 0.806)