

$^{44}\text{Si}$        $Z = 14$        $N = 30$       adopted link      ENSDF link

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

BE      =      314.864 (-0.484) MeV

Qbeta- =      18.206 ( 0.625) MeV

	Energy T	J+	J-	J-other	T1/2
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$^{44}\text{Si}$	1   0.000	0+			1 360 NS GT

S-p      =      26.248 (-0.772)-----

S-n      =      3.071 (-0.620)-----

S-2p     =      0.000 (-0.000)-----

S-2n     =      3.644 (-0.566)-----

S-alpha= 22.648 (-0.710)-----

S+p      =     -20.656 (-0.692)

S+n      =     -0.316 (-0.759)

S+2p     =     -43.246 (-0.637)

S+2n     =      0.000 (-0.000)

S+alpha =     -19.336 (-0.682)

gap p     =      5.592 ( 1.037)

gap n     =      2.755 ( 0.980)

gap 2p    =      0.000 ( 0.000)

gap 2n    =      0.000 ( 0.000)

gap alpha =      3.312 ( 0.985)