

^{16}Ne $Z = 10$ $N = 6$ adopted link ENSDF link

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

BE = 97.331 (0.020) MeV

Qbeta+ = 13.312 (0.021) MeV

	Energy T	J+	J-	J-other	T1/2
S-p	= -0.131 (0.025)				
S-2p	= -1.401 (0.020)				
16NE	1 0.000	0+			1 80 KEV LT
16NE	2 1.770	2+			2 50 KEV LE
16NE	3 6.190	2+			3 100 KEV LE
16NE	4			8.440	4 0.32 MEV 10

S-p = -0.131 (0.025)

S-n = 24.300 (0.070)

S-2p = -1.401 (0.020)

S-2n = 0.000 (0.000)

S-alpha= 10.451 (0.024)

S+p = 3.444 (0.063)

S+n = -15.558 (0.020)

S+2p = 0.000 (0.000)

S+2n = -34.812 (0.020)

S+alpha = -8.934 (0.021)

gap p = 3.313 (0.068)

gap n = 8.742 (0.073)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 1.517 (0.031)