I density matrix for n=2 consecutive sites at E=-44.64 for  $W_{max}=8.0$ , N=10.0 0.8 0.5 1.0 0.6 1.5 - 0.4 2.0 2.5 0.2 3.0 3.5 + 0.0 1.0 1.5 2.0 2.5 3.0 -0.50.5 3.5