I density matrix for n=2 consecutive sites at E=-10.35 for  $W_{max}=0.5$ , N=1- 0.30 0.0 0.25 0.5 1.0 - 0.20 1.5 0.15 2.0 0.10 2.5 0.05 3.0 3.5 + 0.0 0.5 1.5 2.0 3.0 -0.51.0 2.5

3.5