I density matrix for n=1 consecutive sites at E=-10.35 for  $W_{max}=0.5$ , N=1-0.25- 0.5 0.00 0.4 0.25 0.3 0.50 0.75 0.2 1.00 - 0.1 1.25 1.50 -0.50 - 0.25 0.000.25 0.50 0.75 1.00 1.25