Reduced density matrix for n = 2 consecutive sites at E = -41.31 for W = 8.0, N = 10-0.50.0 0.8 0.5 1.0 0.6 1.5 0.4 2.0 2.5 - 0.2 3.0 3.5 0.0 0.5 1.0 1.5 2.0 2.5 3.0 -0.53.5