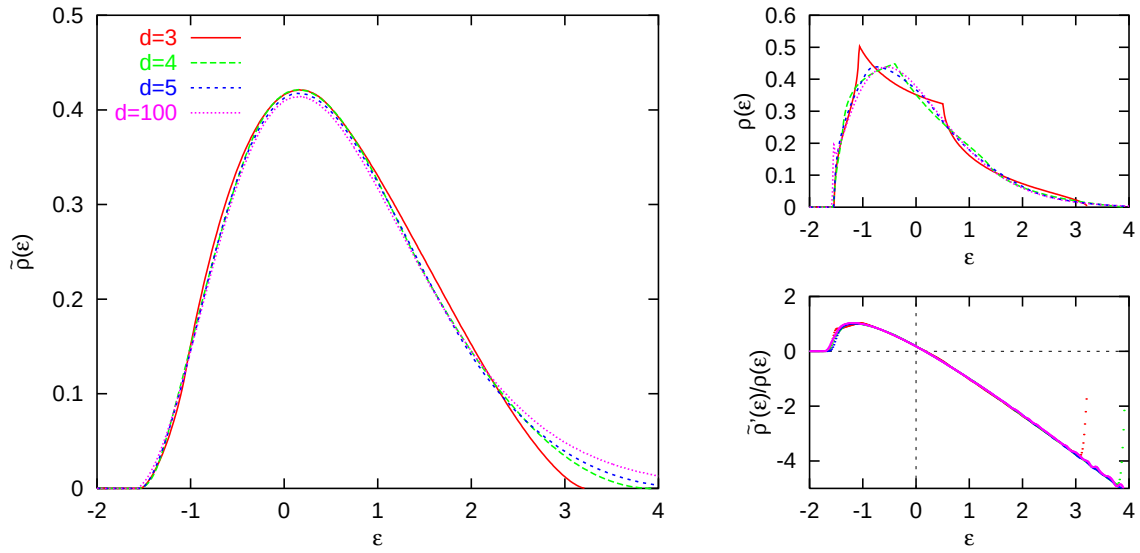

Figure 4.21: DMFT transport characteristics of the $t-t'$ hc lattice with NN and NNN hopping ($a^* = -0.25$). In contrast to Fig. 4.18 and Fig. 4.20, $\tilde{\rho}'(\epsilon)/\rho(\epsilon)$ is no longer proportional to the kinetic energy ϵ.

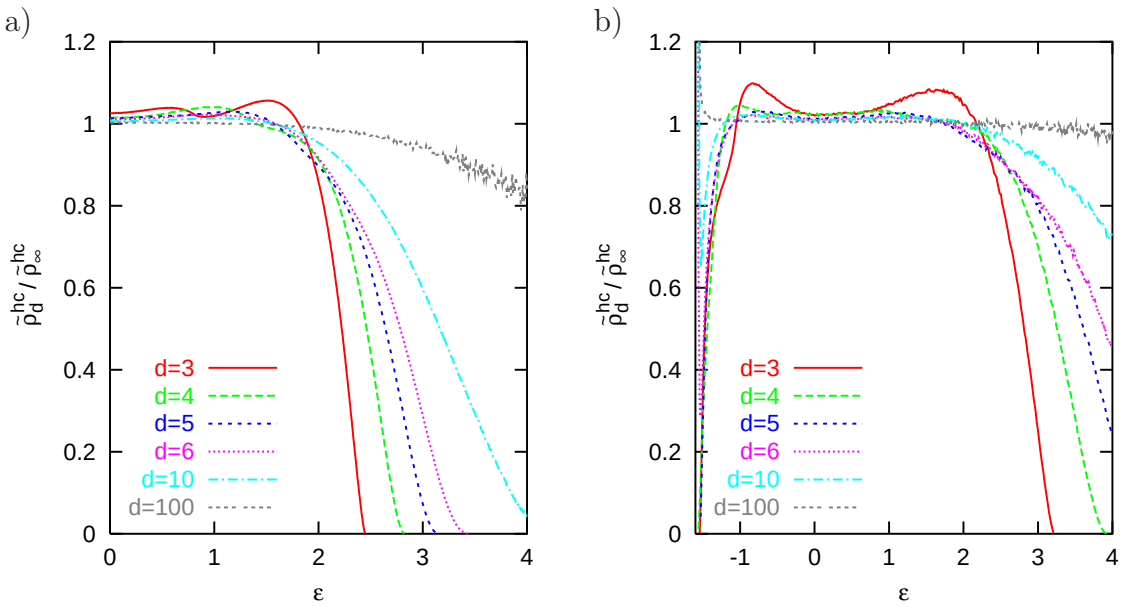

Figure 4.22: Dimensional dependence of DMFT transport characteristics of the hc lattice **a)** with only NN hopping and **b)** with both NN and NNN hopping ($a^* = -0.25$).