

## Thermal transitions of dense two colour QCD

We study the thermal transitions of dense two colour QCD with two flavours of Wilson fermions at a fixed chemical potential  $\mu = 443$  MeV on a coarse isotropic lattice  $a = 0.18$  fm. The results on a larger lattice volume ( $N_s = 24$ ) are compared with earlier results with the same lattice spacing but a smaller lattice volume ( $N_s = 16$ ). Only small finite volume effects are found.

We also present first results from simulations with a finer lattice spacing  $a = 0.14$  fm and lighter quarks  $m_\pi = 0.44$  MeV than previously studied.

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