



HU9820142

Canonical ensemble of initial states of DCC fluctuations

LÁSZLÓ CSERNAI

University of Bergen, Bergen, Norway

Abstract

Critical fluctuations of chiral degrees of freedom are one of the most promising signals of QGP formation. Calculations to estimate the effect depend strongly on the choice of initial state. ~~We calculated~~ ^{The} canonical ensemble of initial states of a homogeneous domain, for an initial temperature of $T = 130$ MeV. The subsequent, nonthermal evolution of the ensemble is also calculated indicating the observability of these fluctuations.

is calculated