Initial conditions (currently reached):

$$\epsilon > 1 \text{ GeV/fm}^3$$

$$T > 150 \text{ MeV}$$

lattice QCD:

EoS

quark condensate

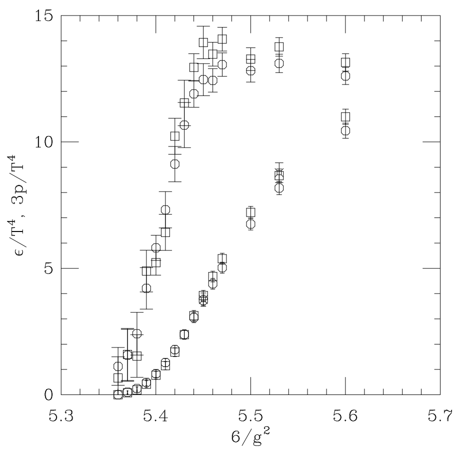

Figure 8: The energy density constructed from $I+3p$ (upper two curves). Also shown is $3p$ (lower two curves) and results with no step size extrapolations (squares). The difference is the step size systematic error in the equation of state. The data are for $am_q = 0.0125$ only. The fancy squares denote 3 times the pressure as calculated from the integration of $\langle\bar{\psi}\psi\rangle$ with respect to am_q.

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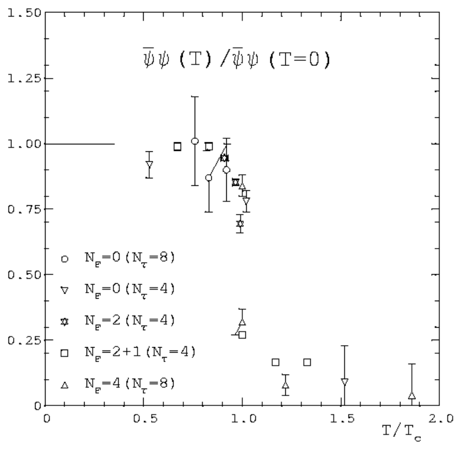

what are the

signatures ?