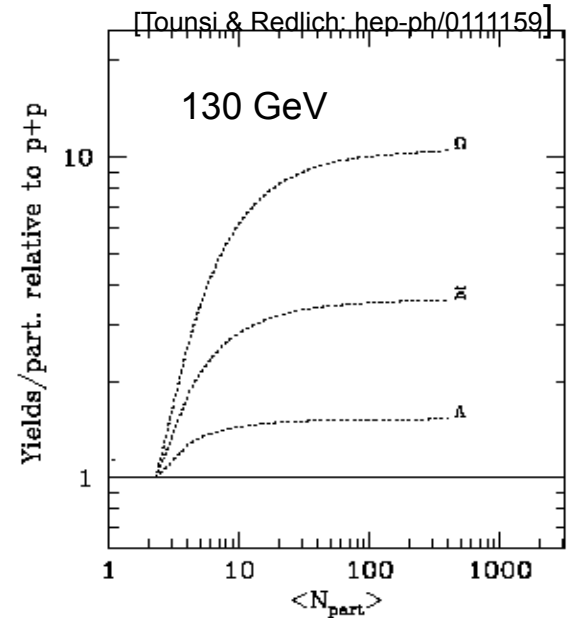
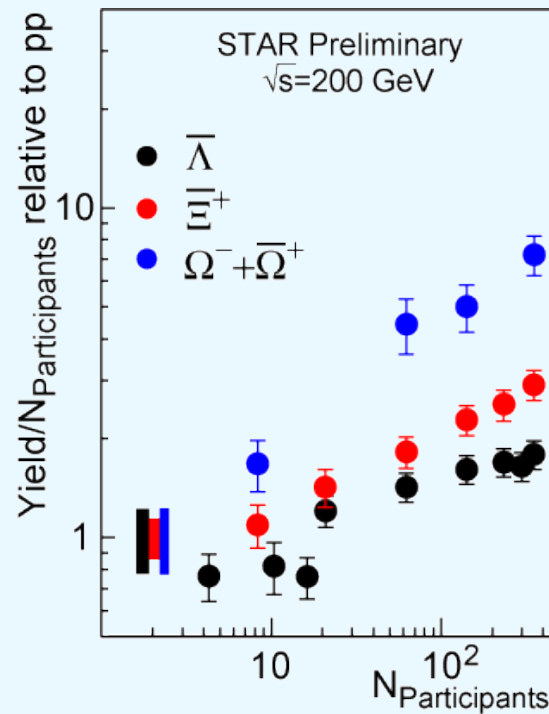
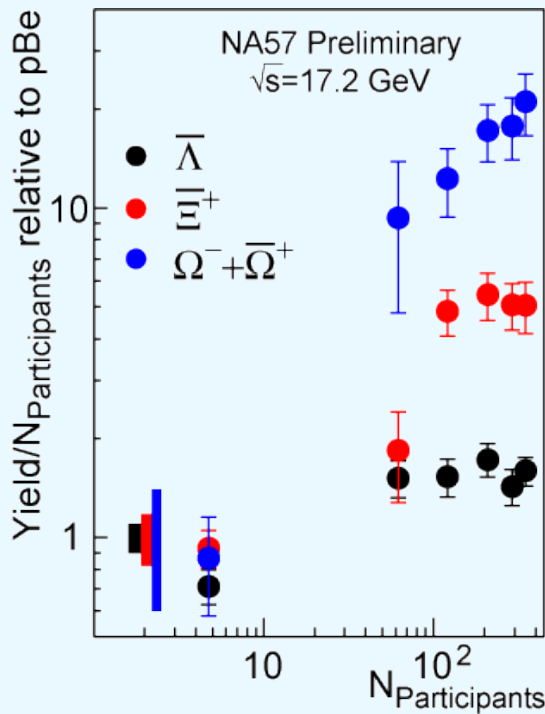


**Strangeness
Production
(particle ratios)
Thermal model**

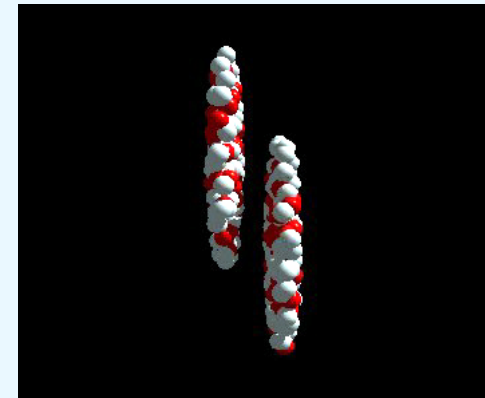
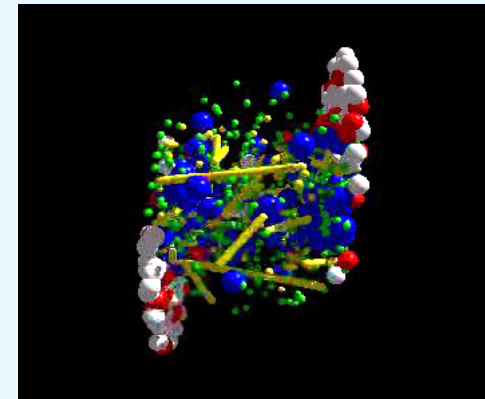
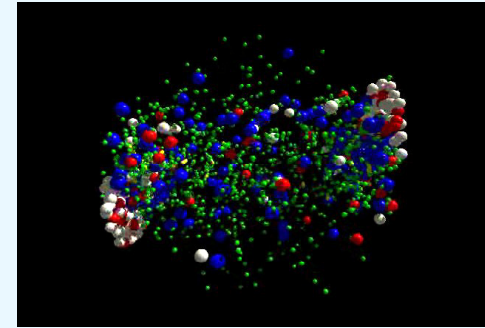
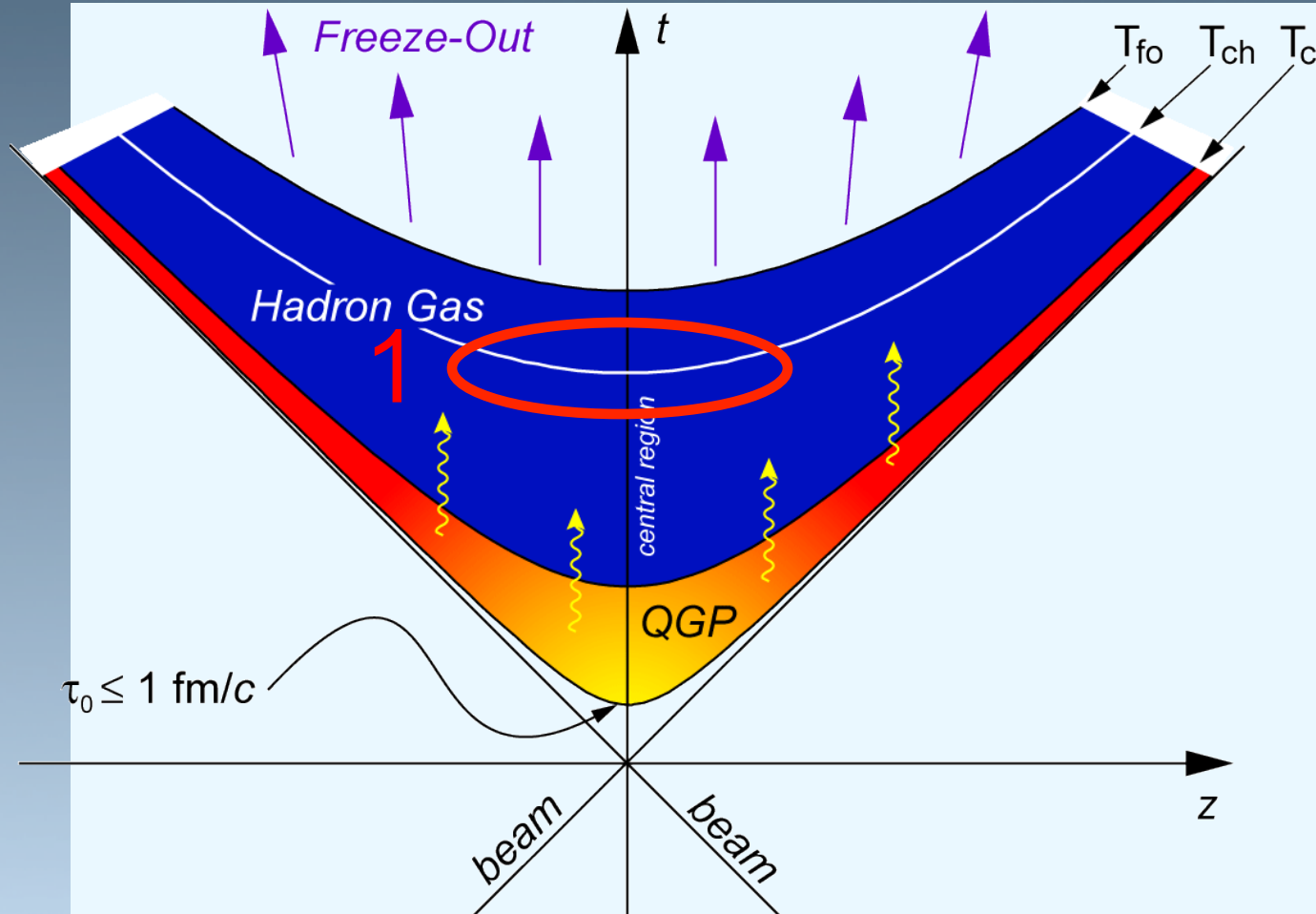
Grand canonical applicable at RHIC?



- ◆ See drop in “enhancement” at higher energy
- ◆ Enhancement values as \sim predicted by model
- ◆ Correlation volume not well modeled by N_{part}

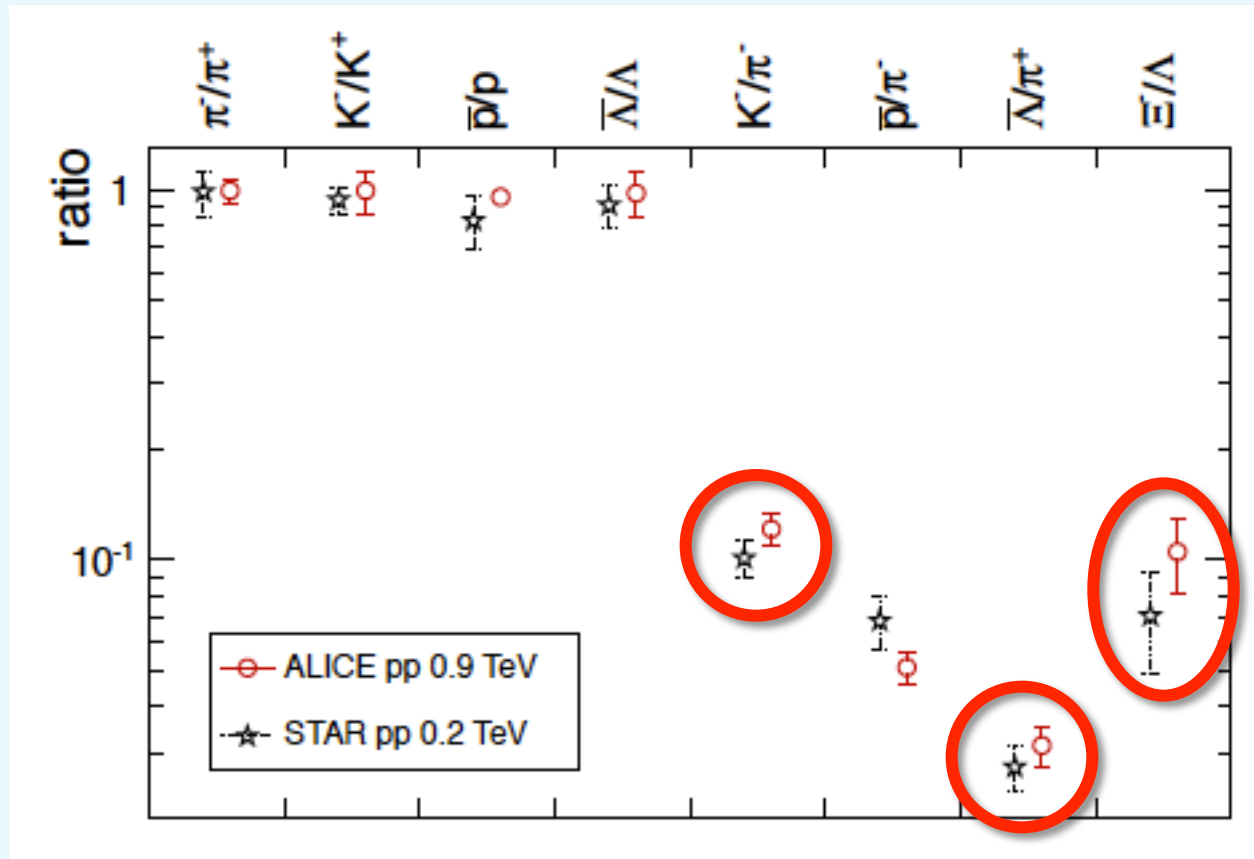
System is in G.C. state for most central data

A theoretical view of the collision



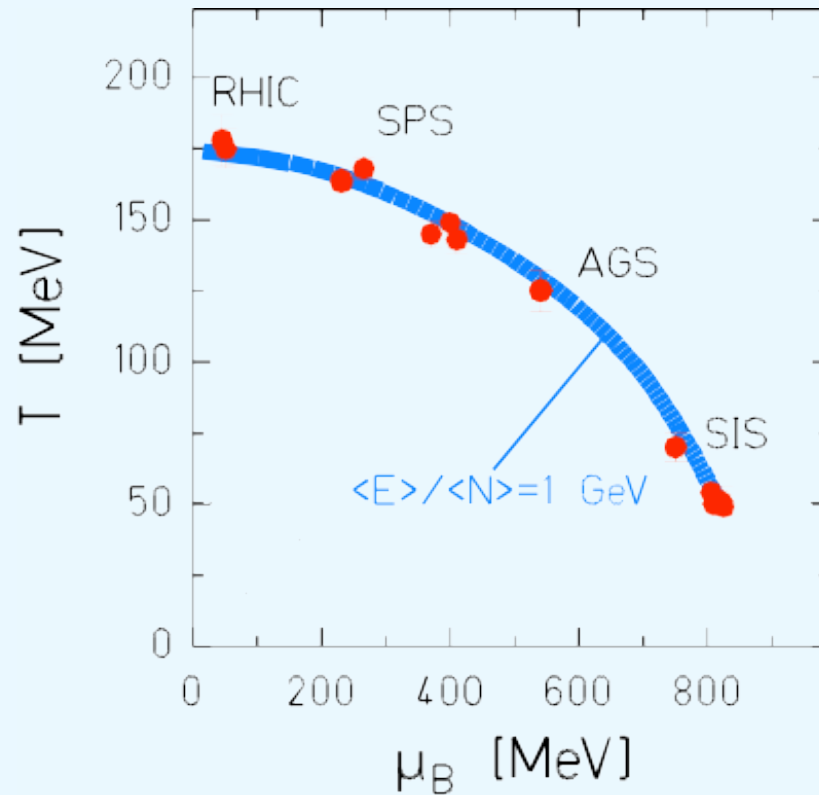
Chemical freezeout ($T_{ch} \leq T_c$) : inelastic scattering stops

Particle ratios in p+p: RHIC and LHC



ALICE: EPJC71, 1594 (2011)

Chemical freeze-out Temperature



J. Cleymans and K. Redlich, PRL 81 (1998) 5284