Summary

In Pb+Pb central collisions from SPS

- Ratios
  - ***K^-/K^+ and $\bar{p}/p$ ratios are flat as a function of P_t***
  - ***Ratios are insensitive in the central region (top 8.5%)***
- Chemical properties
  - Assuming the system is in chemical equilibrium state
    - → Temperature $T_{ch} \sim 175MeV$
    - → Chemical potential $\mu_q \sim 80MeV$, $\mu_s \sim 30MeV$
    - → $T_{ch} > T_{f0}$

Chemical freeze-out and Thermal freeze-out temperatures

	T_{ch} [MeV]	T_{fo} [MeV]
SPS:	170～210	140±10
AGS:	130～150	145±15