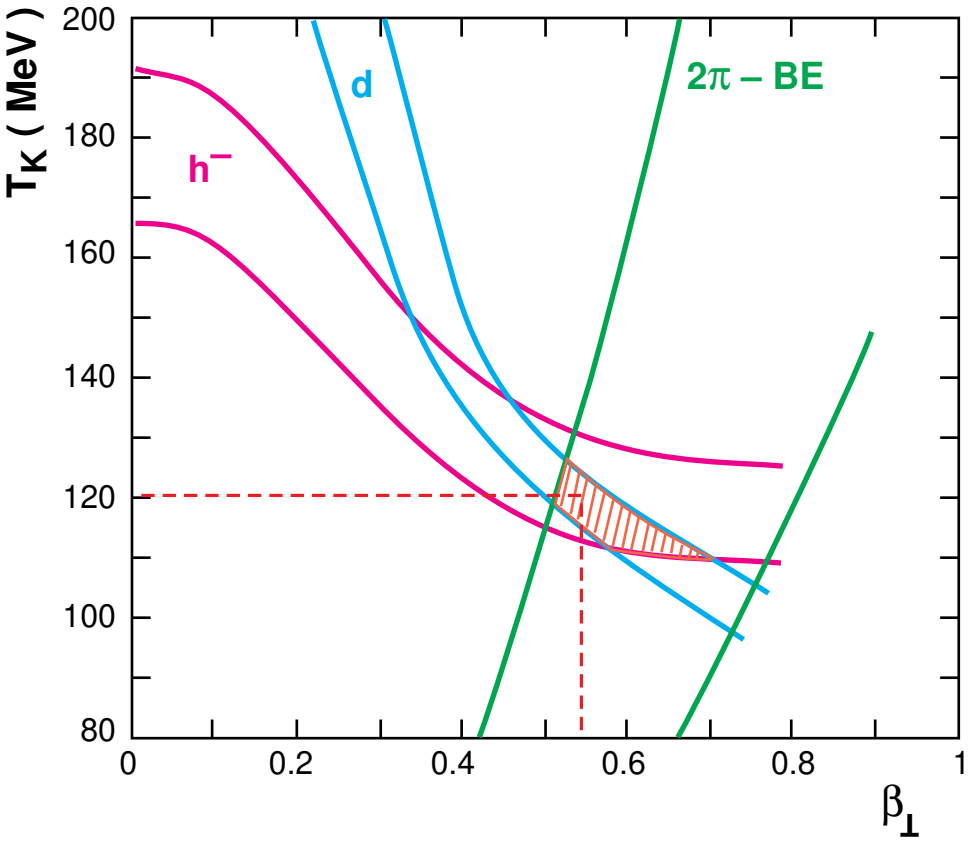
NA49 Pb+Pb Hadronic Expansion Dynamics



- Bose Einstein correlation of negative pions (2π - BE)
- and transverse mass spectra of negative hadrons (h^-) and deuterons (d)

→ determine the conditions at hadronic decoupling

T_K = 120 MeV (Kinetic freeze-out Temperatue)

$\beta_\perp$ = 0.55 (Transverse Flow Velocity)

τ = 8 fm/c (Fireball Lifetime)