Discussion/ Interpretation

Evidence that rescattering can be neglected for the light systems:

- collective transverse flow relatively small in CC, SiSi
- rather little rescattering consistent with analysis of K* (τ_0 = 4fm/c, small loss of decay products via inelastic collisions)
- UrQMD calculations show that increase of K/π ratio from rescattering plays a minor role in CC and SiSi
- at the same K/π (but much different N_{part}) UrQMD yields more rescattering in peripheral PbPb than in CC, SiSi

→ secondary interactions in the rescattering phase are not the dominant source for strangeness enhancement but the primary inelastic NN collisions during the first phase, i.e. when the nucleons pass through each other