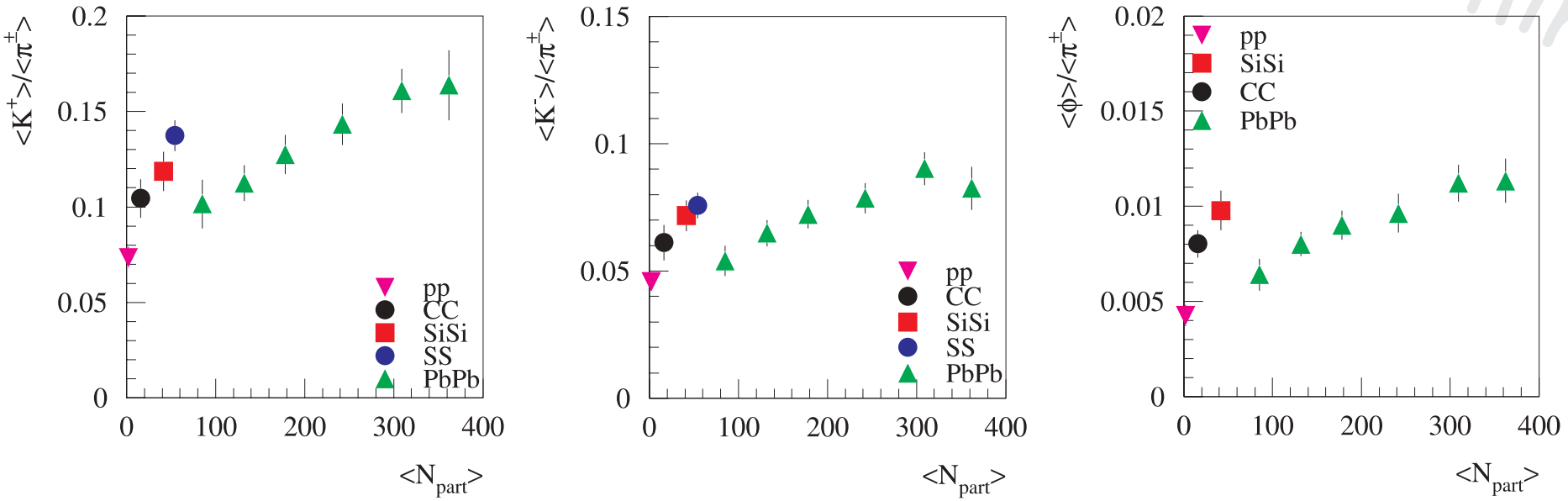
Results

NA49 preliminary

SS [Z.Phys. C58(1993)367]

- ratios versus system size $\langle\pi^{\pm}\rangle=(\langle\pi^{+}\rangle+\langle\pi^{-}\rangle)/2$

PbPb: N_{part} calculated from net-proton spectra, error ~10 participants



strangeness enhancement relative to pp already in small systems!

- general increase with system - size
- in detail: geometry effect! CC, SiSi, SS ↔ peripheral PbPb
  up to now parametrized with R-b/2 ~ surface/volume ratio [Nucl.Phys. A698 (2002) 104c]

Use this geometry effect to extract information about the underlying physics!