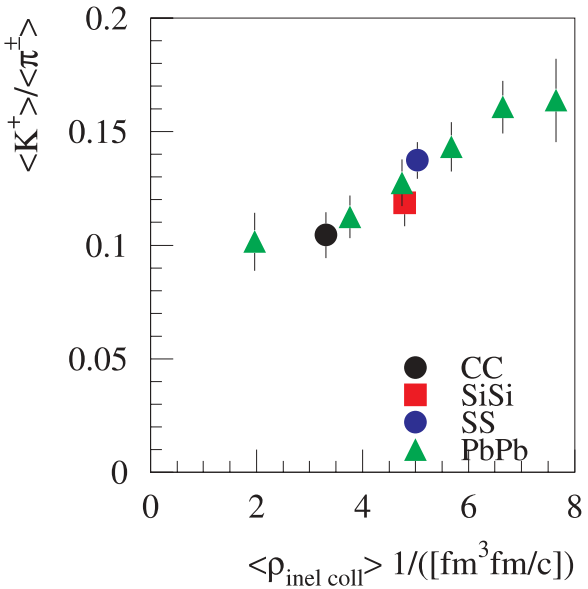
Discussion/ Interpretation

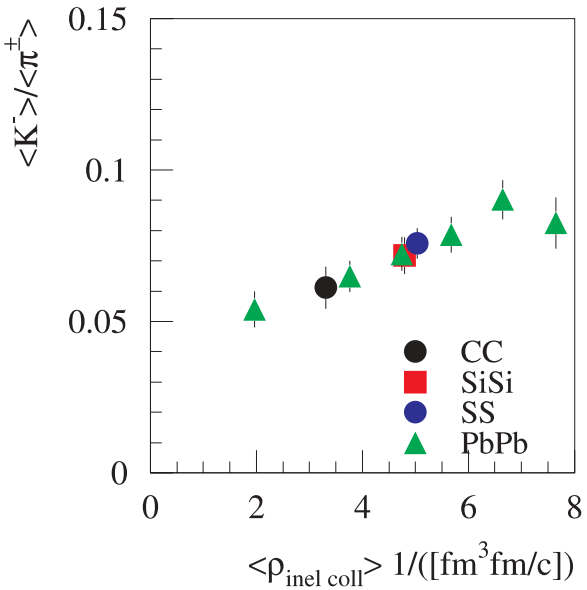
NA49 preliminary

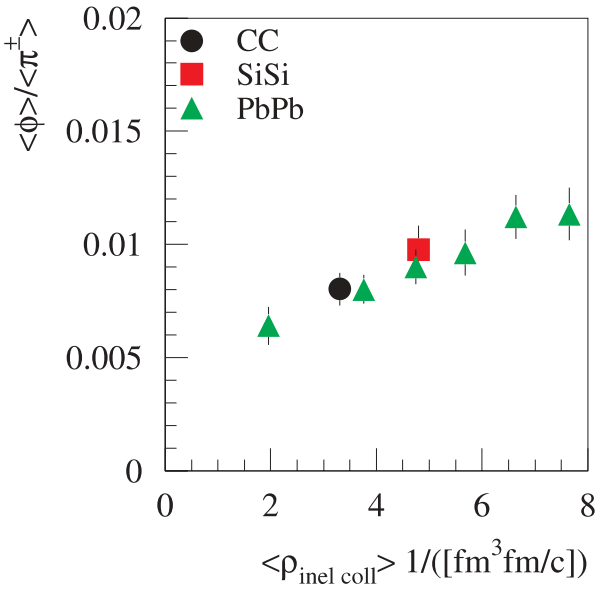
UrQMD* calculations:

extract mean density in space and time of inelastic collisions during the first phase of the AA interaction, i.e. when the nucleons pass through each other

* many thanks to the UrQMD collaboration for providing the preliminary version 1.3!







collision density serves as common scaling variable!

→ density of collisions essential for strangeness enhancement, i.e. energy density and/or string overlap