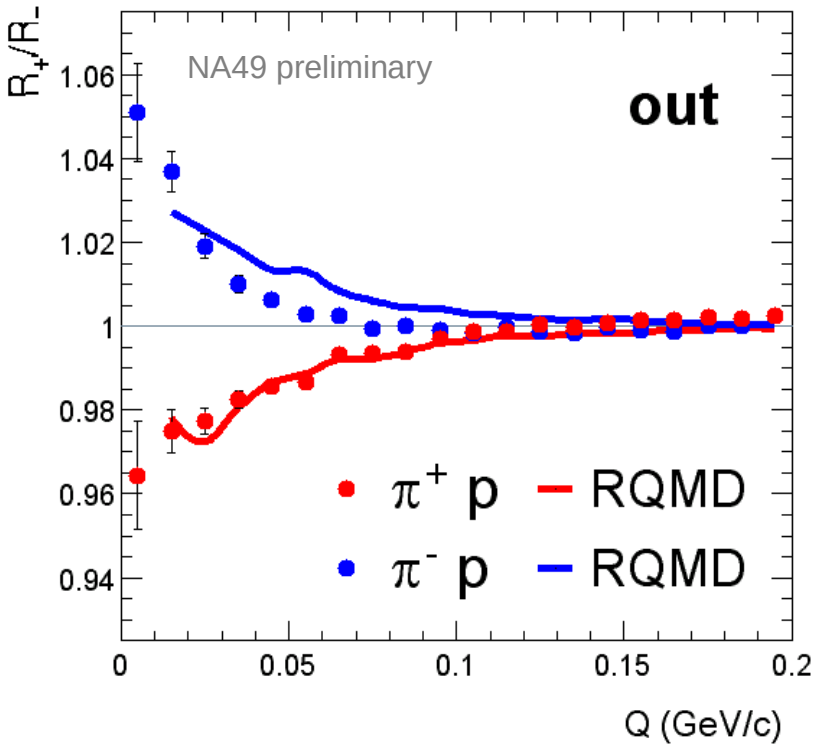
Other Two Particle Correlations

Relative Space-Time Asymmetries: πp

- Pb+Pb @ 158 AGeV
  20% most central

- Unlike pairs sensitive to space and time asymmetries
- Odd $\vec{k}^* \cdot \vec{r}^*$ terms in relative wave function
  R_+: pairs with $\vec{k}^* \cdot \vec{r}^* > 0$
  R_-: pairs with $\vec{k}^* \cdot \vec{r}^* < 0$
- Study ratio R_+/R_-
- Asymmetry due to Coulomb FSI
- Coulomb sensitive to tails in r*
  → RQMD scaled by 0.8



- Mirror symmetry between
  π^+p and π^-p
- Collective flow