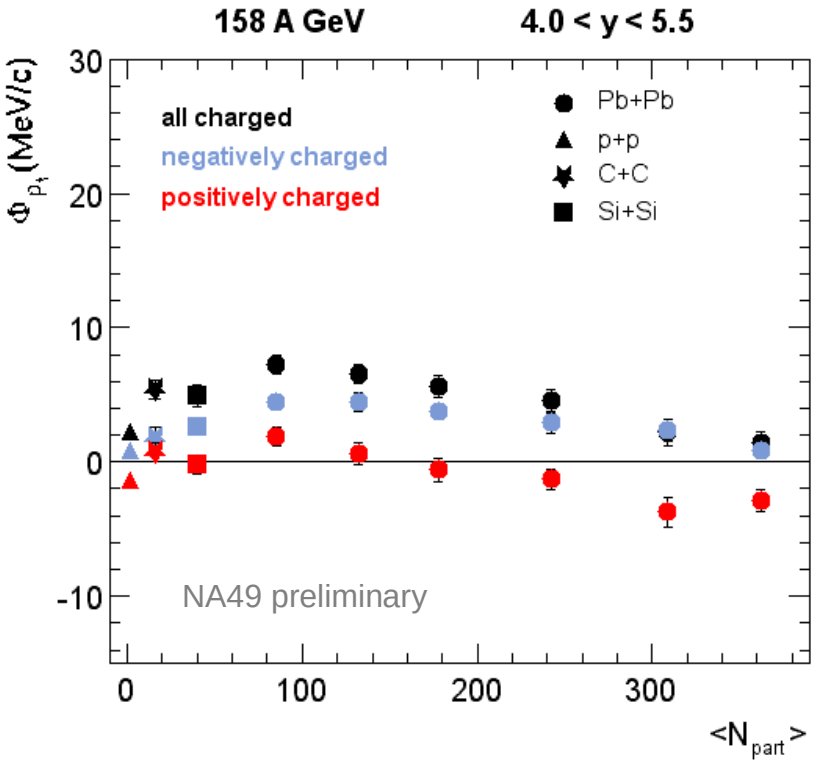
$\langle p_t \rangle$ Fluctuations

Φ_{pt} vs System Size

- Observable: Φ_x with $x \rightarrow p_t$
- A+A simple superpos. of N+N:

  Φ_{pt} (A+A) = Φ_{pt} (N+N)
- Independent particle emission:

  $\Phi_{pt} = 0$
- Φ_{pt} corrected for two track resolution



- Φ_{pt} small: $|\Phi_{pt}| < 10$ MeV/c
- Weak centrality dependence
- Charge dependent:

  Φ_{pt}(all) > Φ_{pt}(-) > Φ_{pt}(+)