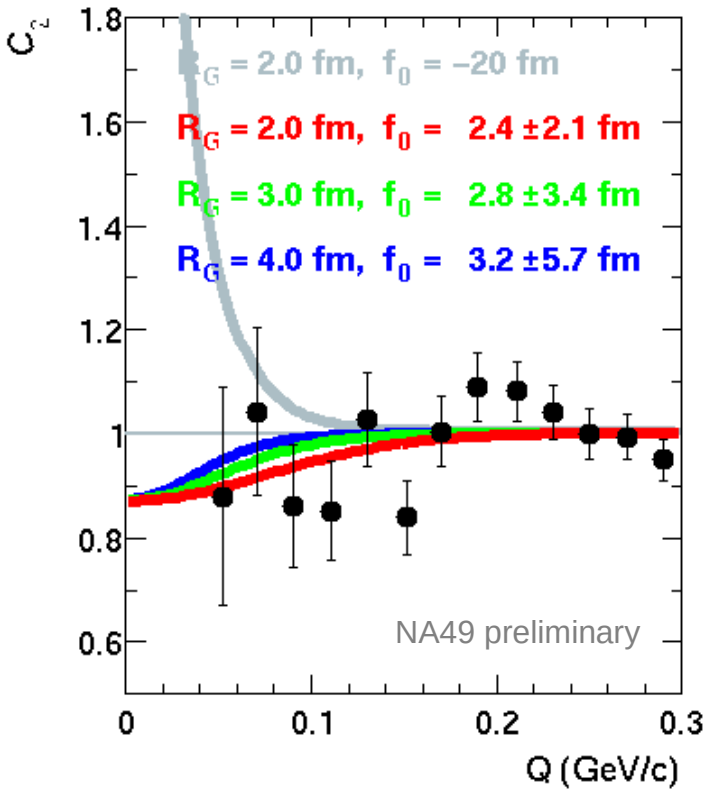
Other Two Particle Correlations

ΛΛ Correlation Function

- Pb+Pb @ 158 *A*GeV
  20% most central
- 3500 pairs with $Q < 0.3$ GeV/c

- Extract information on ΛΛ FSI:
  - Strong interaction +
    Fermi statistics
  - Fit parameter:
    - s-wave scattering length f_0
  - Fixed:
    - Gaussian source size R_G
    - λ parameter = 0.16
      (estimated from feed down and PID background)



- Indication for small f_0
- Compare: nn s-wave $f_0 \approx$ -20 fm