HBT-Results

- Central Pb+Pb @ 40 and 158 *A*GeV

  y = 2.2 - 2.7 for 40 *A*GeV

  y = 2.9 - 3.4 for 158 *A*GeV

- Bertsch-Pratt (LCMS):

$$C_{BP} = 1 + \exp(- R_{side}^2 q_{side}^2 - R_{out}^2 q_{out}^2 - R_{long}^2 q_{long}^2 - 2 R_{outlong} q_{out} q_{long})$$

- Fit includes Coulomb correction:

$$C_2 = C_{Coulomb} (Q_{inv} \,|\, R_{side}, R_{out}, R_{long}) \cdot C_{BP}$$

Sinyukov et al.,

Phys. Lett. B432 (1998), 248 - 257

Sys. error on R = 0.5 fm