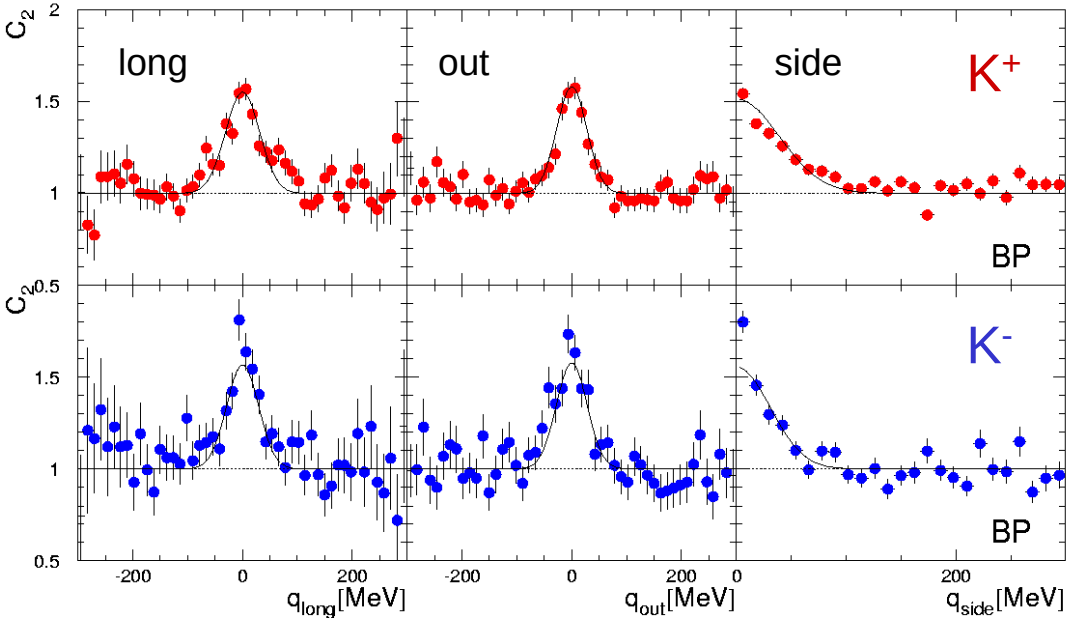
Bose Einstein Correlations: Kaons

- Pb+Pb @ 158 AGeV
- 5% most central
- Mid-rapidity

  $y^* = 0.0 – 0.5$
- Data corrected for:
  - Coulomb
  - Momentum res.



	K^+ (NA49)	K^- (NA49)	K^+ (NA44)
$\langle m_t \rangle$ (GeV)	0.62	0.61	0.51
R_{side} (fm)	$3.58 \pm 0.40 \pm 0.28$	$4.55 \pm 0.31 \pm 0.39$	$4.04 \pm 0.28 \pm 0.32$
R_{out} (fm)	$5.07 \pm 0.27 \pm 0.35$	$4.97 \pm 0.39 \pm 0.33$	$4.12 \pm 0.26 \pm 0.31$
R_{long} (fm)	$4.46 \pm 0.25 \pm 0.39$	$4.78 \pm 0.33 \pm 0.40$	$4.36 \pm 0.33 \pm 0.32$

NA44:
I.G. Bearden et al.,
Phys. Rev. Lett.
87 (2001) 112301