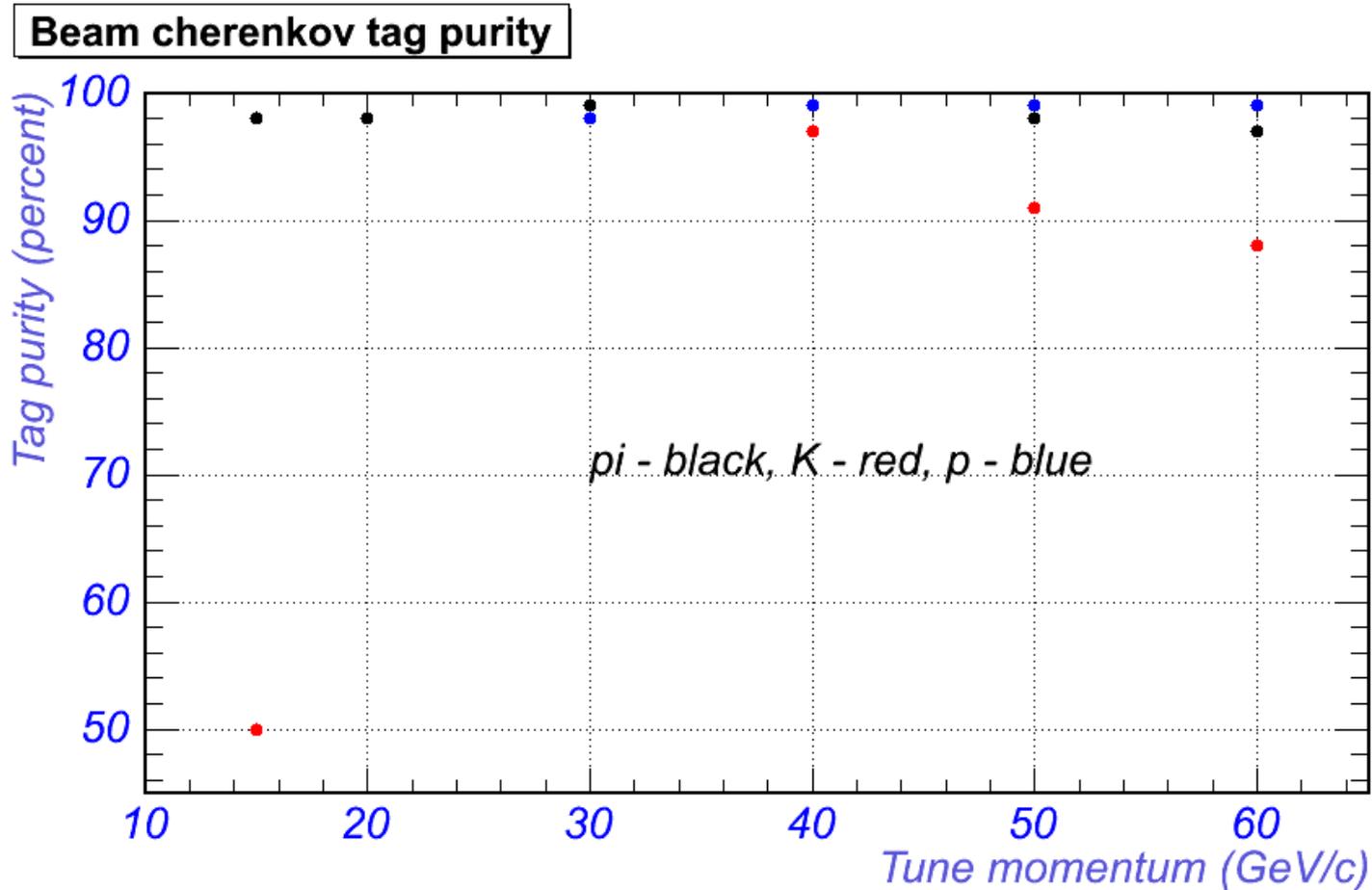


Beam Cherenkov purity measured with RICH radii

Andre Lebedev
Harvard University
MIPP Software Meeting
Jan 26, 2005

Analysis of positive runs

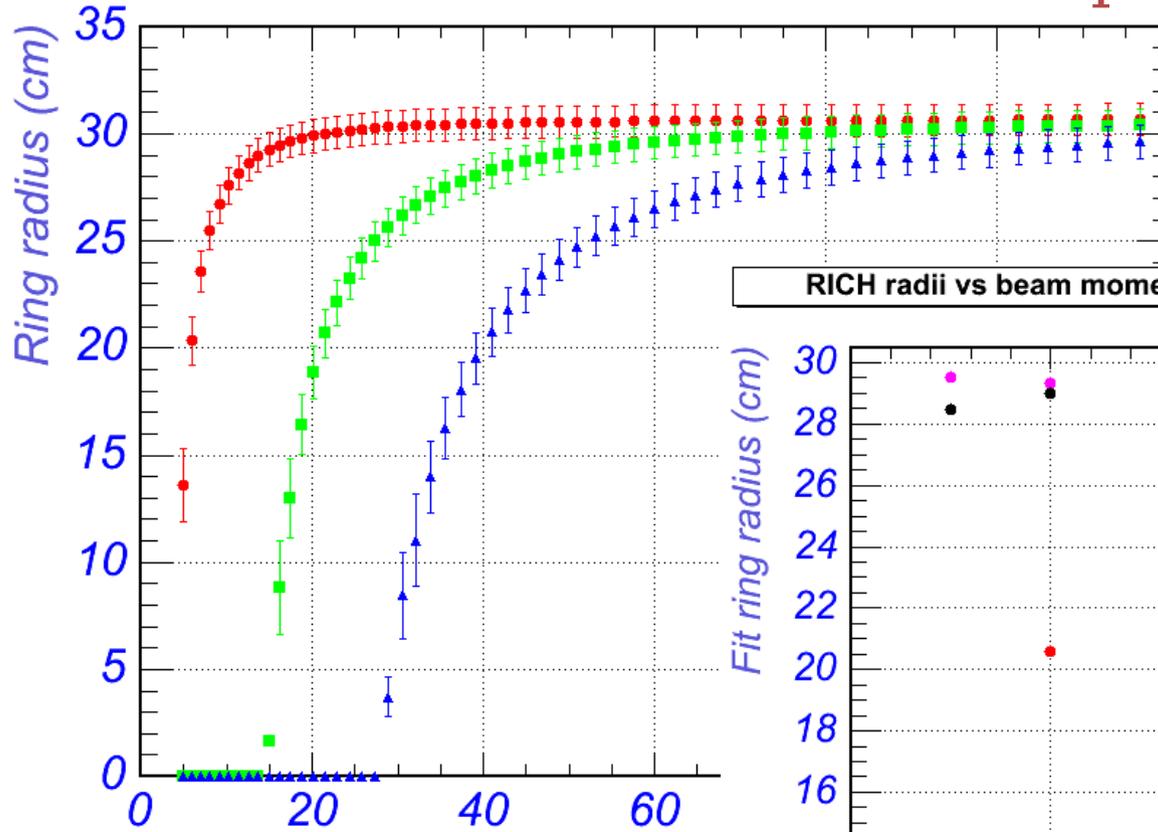


Note: Kaon threshold is 16GeV, so the rings are too small, and the fitter does not find them

RICH Ring Radii

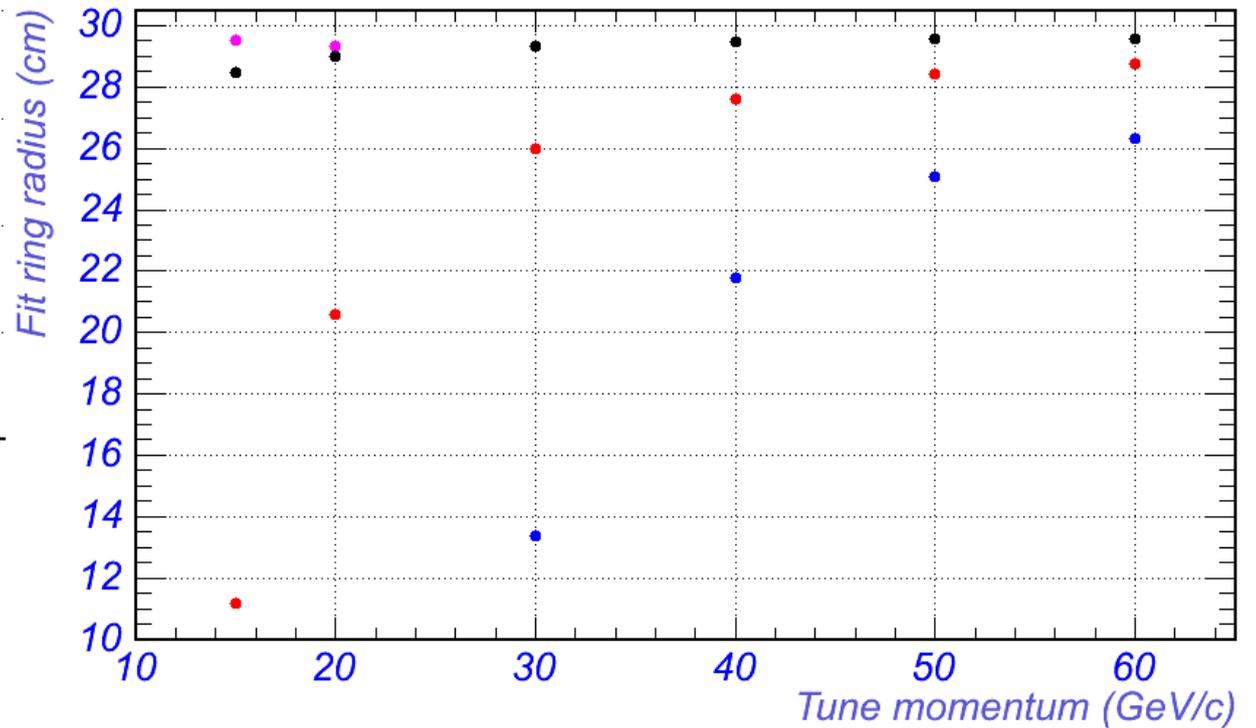
Ring radius vs Momentum

Expected



RICH radii vs beam momentum

Measured



Preliminary conclusions

- Tune momentum is about 10% higher than expected (not new)
- At 20 and 15 GeV/c present pion trigger will also pick up electrons
 - We should consider making proton trigger as absence of Backscattered signals