

MIPP Report

Durga Rajaram

University of Michigan

All Experimenters' Meeting

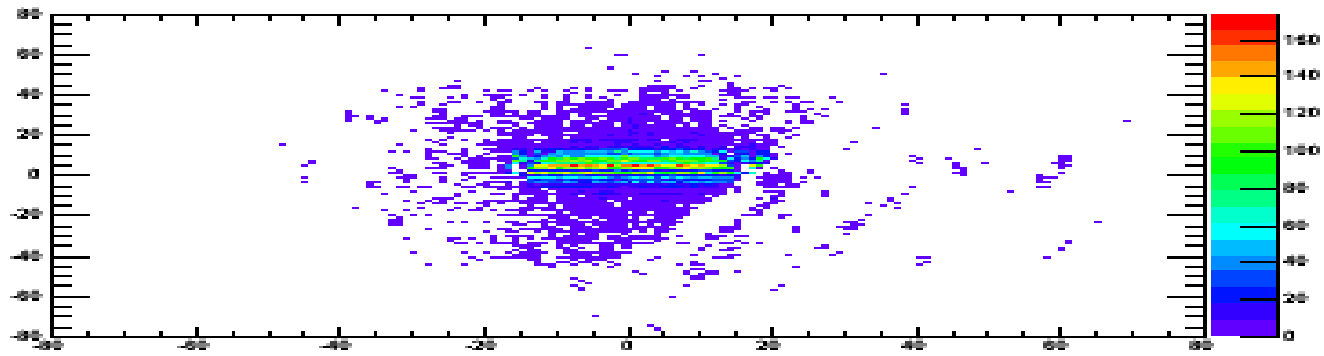
Fermilab

14 November 2005

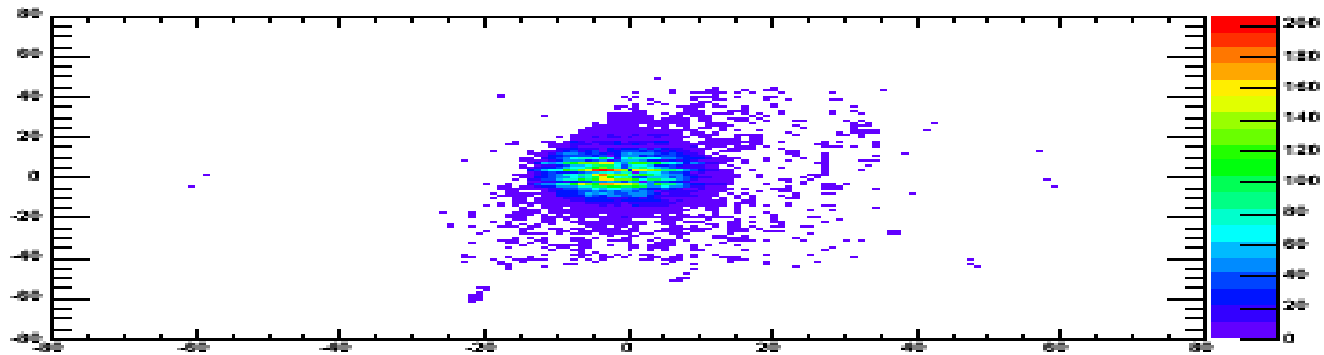
Status

- Running 20 GeV π, K, p secondary beam on LH₂ target
- Beam delivery/tune mostly stable; 1 spill/2 minutes
 - At 20 GeV we have had to keep intensity down to minimize "sprays"; hence DAQ rate is lower than at higher momenta.
 - Extraction issues Tuesday evening
- Detectors performing well
 - Monday night: went in and fixed TPC anode PS problem. No issues since.

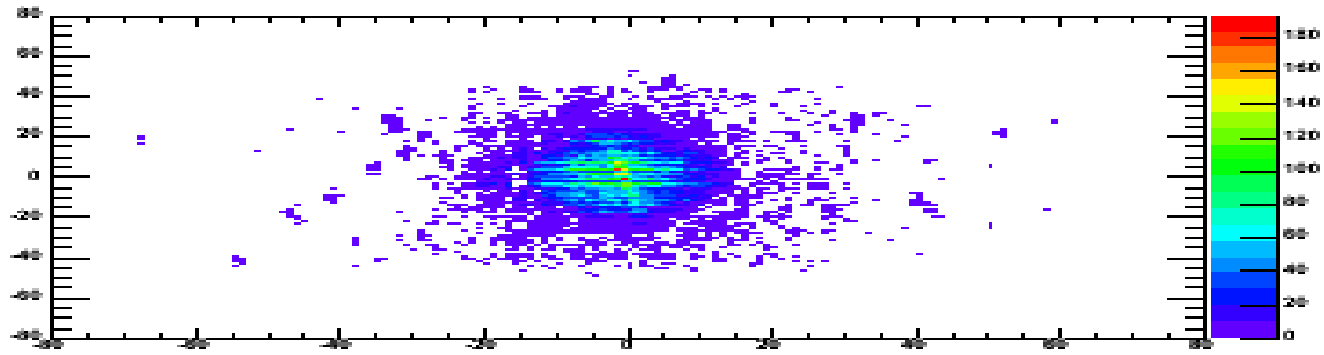
BC Beam Spot BC1



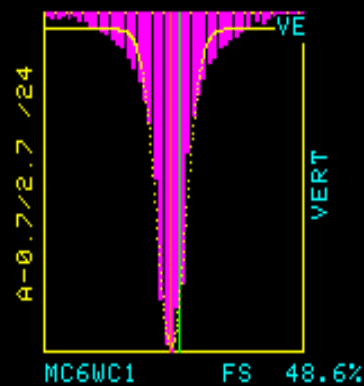
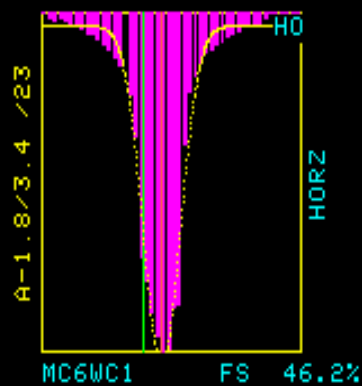
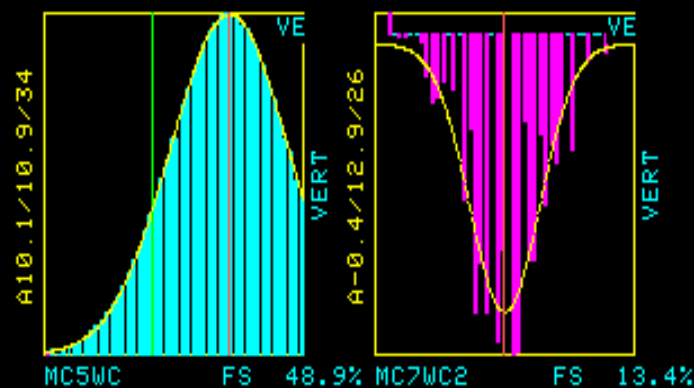
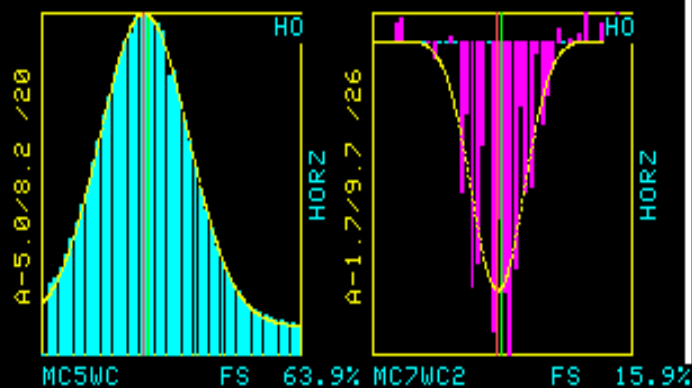
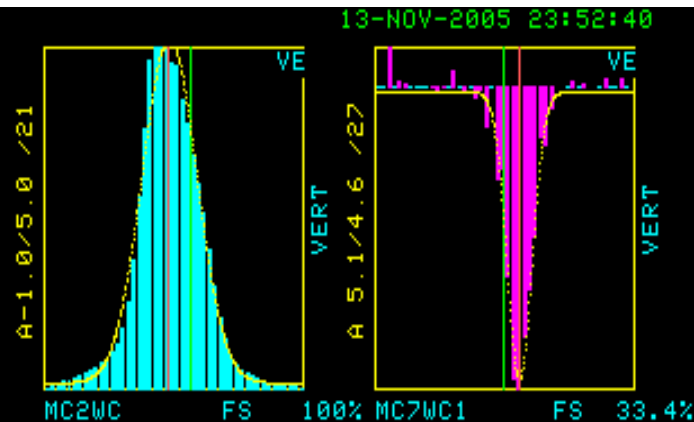
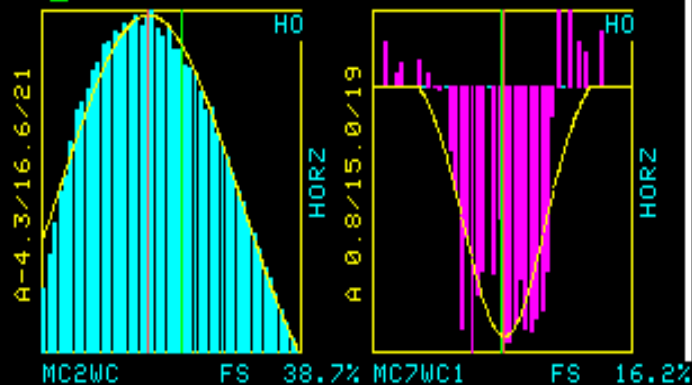
BC Beam Spot BC2



BC Beam Spot BC3



Event 3:



File 2:negbkgrd

09-NOV-2005 15:58:46

Pause

Zoom

Statistics

- **Last week: 2883 spills, 178k events. Up: 67%**
 - **+20 GeV 11/7 - 11/9: 38k events, 544 spills**
 - **-20 GeV since 11/9: 140k events, 2339 spills**
 - *Total 20 GeV so far: 635k events, 9395 spills*
- **Total on LH_2 since 9/24: 1.48×10^6 evts, 20,360 spills**