

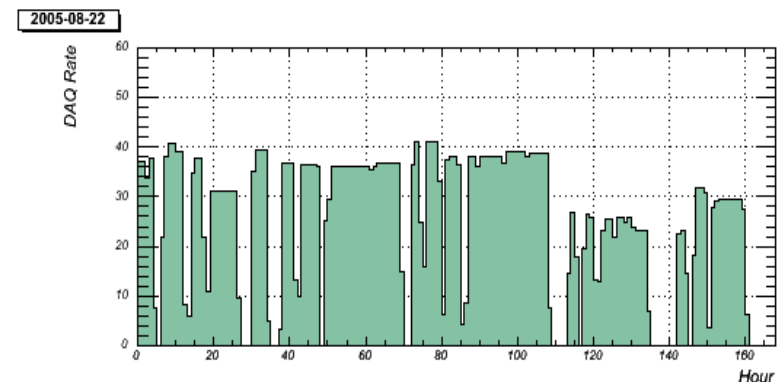
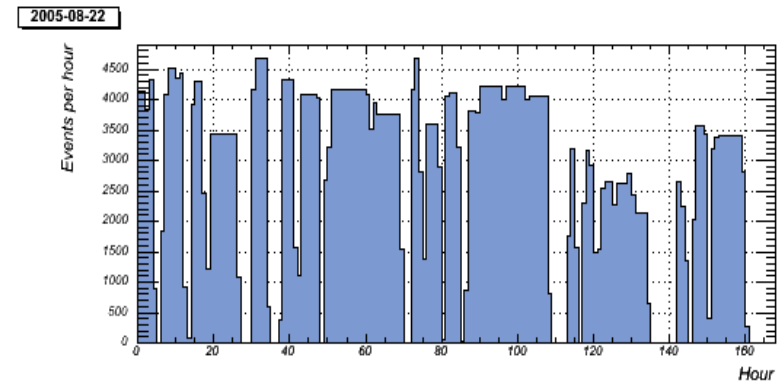
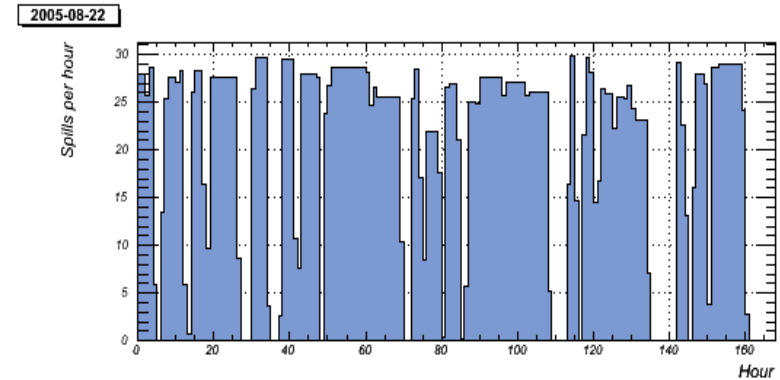
# *MIPP Status*

Holger Meyer  
Fermilab All Experimenters' Meeting  
8/29/05

- Statistics
- Beam and detector status

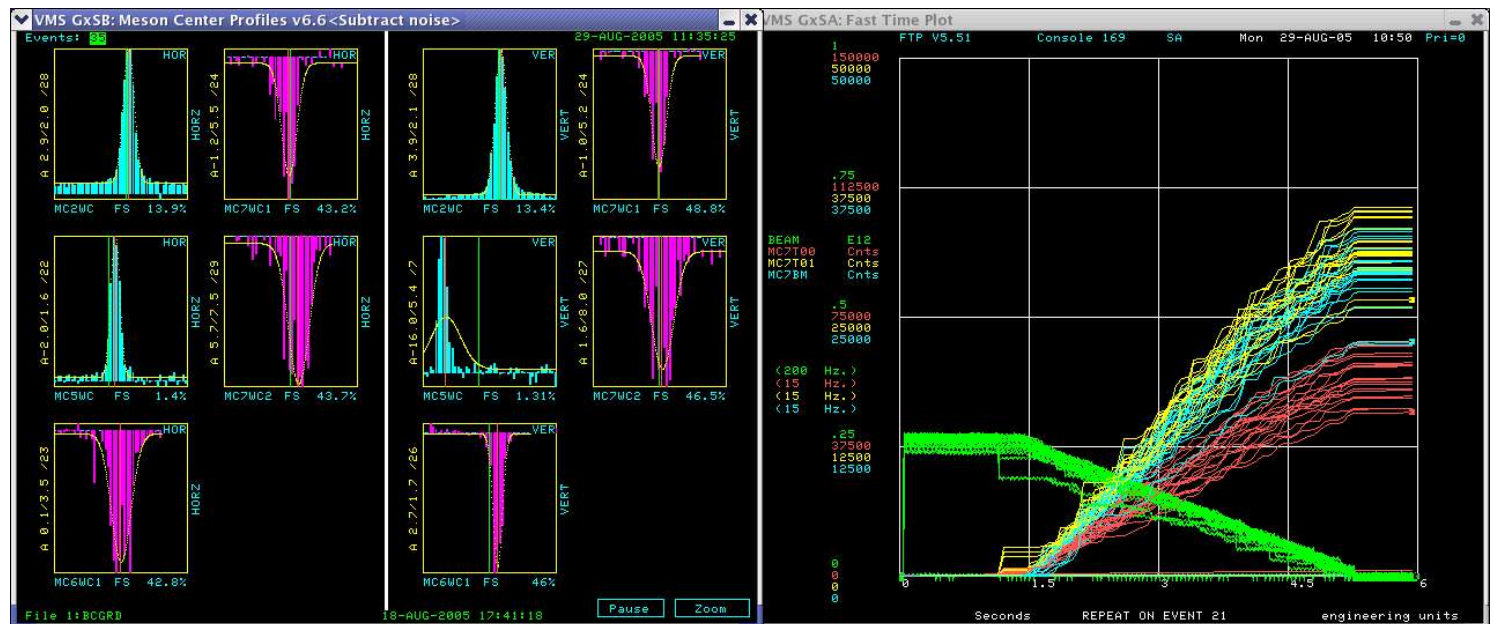
# MIPP Event Statistics

- Be, C, Bi targets  
+120 GeV/c protons
- Last week only:
  - 445116 events in  
3239 spills with beam
- Total 120 GeV on thin targets:
  - 1.38 million events on Be, C, Bi  
plus empty target
  - Goal (priority 1)  
2.38 million events



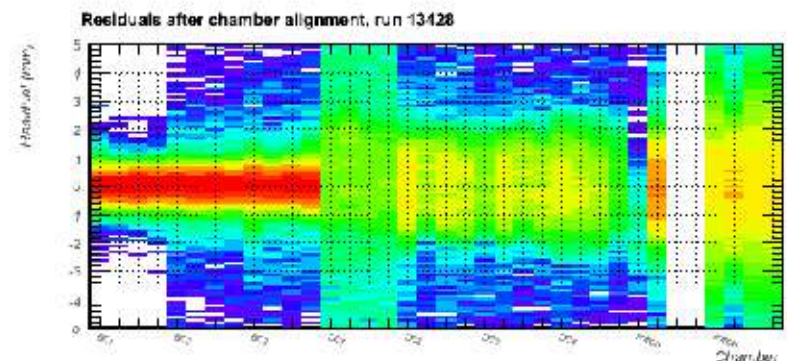
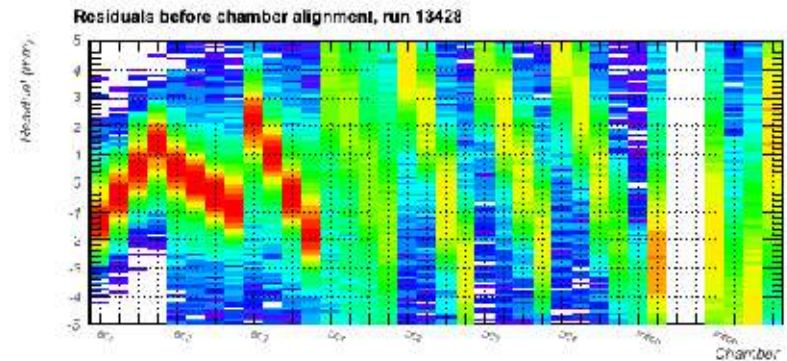
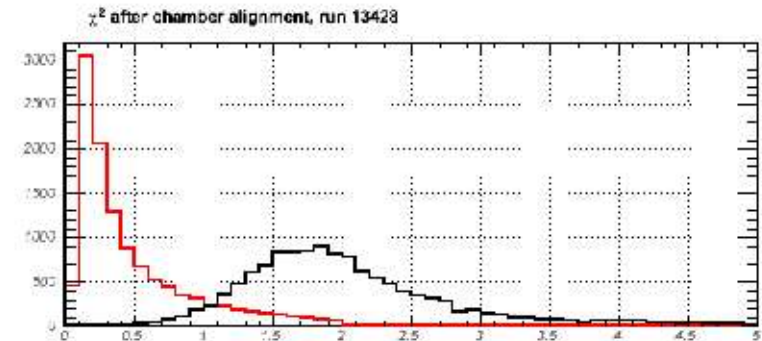
# MIPP Beam and Detector Status

- No beam issues over the last week.
  - Beam size, position, and intensity were ok with no more than the usual small interruptions
- The detector was running well and data quality was good.
- Cooling water to JGG and Rosie tripped tuesday early morning.
  - 4 hours of good data lost.
  - Someone outside MIPP had tapped into the MS6 LCW system apparently without telling anyone, thus causing the drop in water level and the trip



# MIPP Chamber Alignment

- 3 Beam Chambers upstream of target
- 6 Chambers (DCs and PWCs) downstream of target
- All chambers were aligned by surveyors.
- Now do even better in software: (Andre Lebedev, Harvard)
- MIPP achieves track resolution of <1mm throughout the experiment



# *MIPP Summary*

- MIPP is taking data with 120 GeV/c protons on Be, C, and Bi.
- LCW leak caused 4 hour loss of physics data