

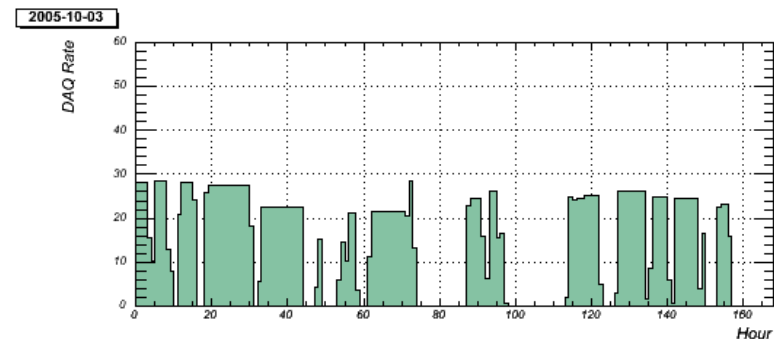
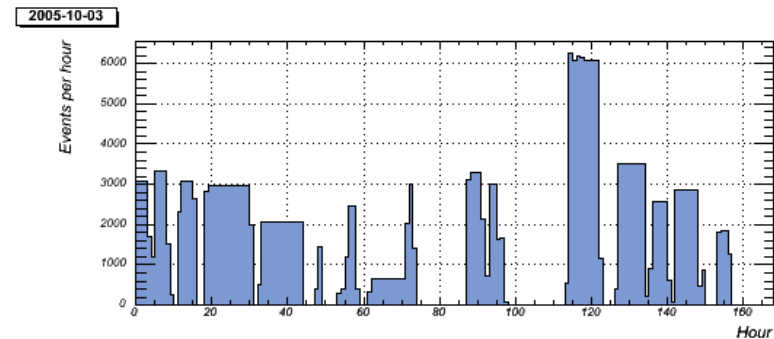
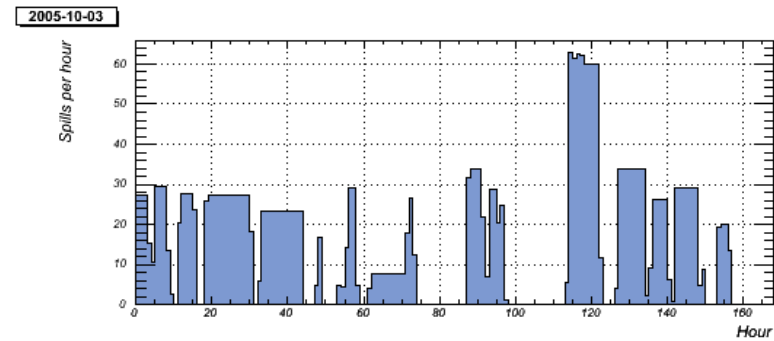
MIPP Status

Holger Meyer
Fermilab All Experimenters' Meeting
10/10/05

- Statistics
- Beam and detector status

MIPP Event Statistics

- Until 10/4 (tuesday):
+59 GeV/c π^+ / K^+ /p beam
 - 100k events
- Since then:
-59 GeV/c π^- / K^- /p-bar beam
 - 160k events
- All on LH₂
- Week 10/3-10/10:
 - 259,494 events in 2,578 spills with beam
- On LH₂ and empty cryo-target in Sept./Oct. '05:
 - 725k events



MIPP Beam and Detector Status

- Beam was of good quality (when we had beam)
- Data quality was good all week
- On wednesday morning (7:00) MIPP ran out of Isobutane
 - Used to mix Ar/Isobutane/Methylal (73/24/3) for MIPP drift chambers
 - Backup (premixed gas) could last ~2 days
 - Scale (or empty cylinder weight) was unreliable: We knew that we were almost out, but did not know how many days of isobutane were left.
 - Thanks to everyone on site for their help in locating isobutane
 - At 14:00 Airgas delivered a cylinder that they retrieved from another customer.
 - MIPP had ordered gas for delivery in mid-September
 - Hurricanes closed down the Houston, TX Airgas facilities
 - Airgas could not deliver on time
 - The gas order was placed 'only just in time' due to uncertainties in Fermilab accelerator schedule

MIPP Summary

- MIPP was taking good data last week.
 - Hope to get more beam next week. Good luck to the accelerator.