

MIPP Update

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All Experimenters' Meeting

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MIPP Status

- Continuing data-taking on NuMI-target
- Event rate ~ 60 events/spill
- 6/27/05 - wandering beam due to drifting MC6D PS
- 6/30/05 - SWIC MC7WC1 replaced. Works.
- Beam spot has been more stable recently

– Occasional fluctuations in beam size and angle

- Startup issues 7/5/05:

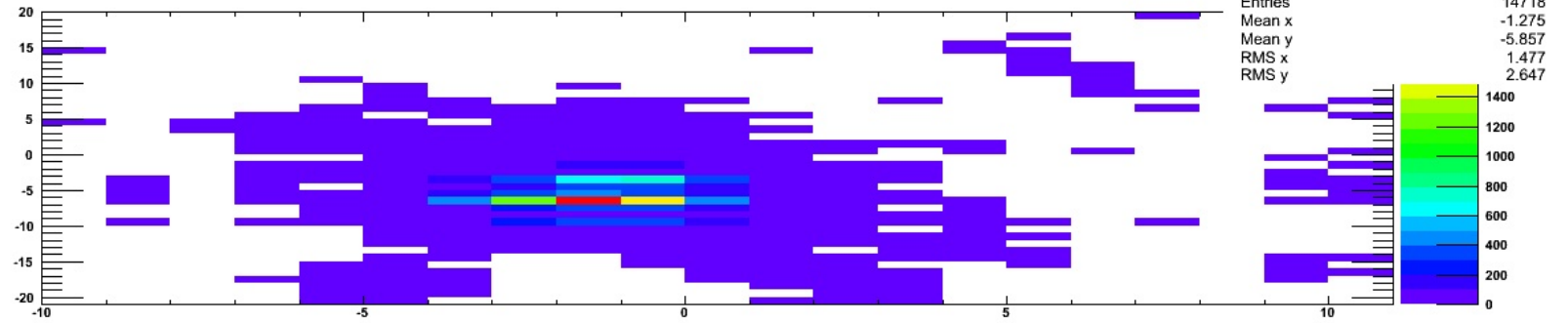
Lost beam-time due to Acnet readback failure (CAMAC module failed)

Couldn't power up magnets; no readback from temp-sensors

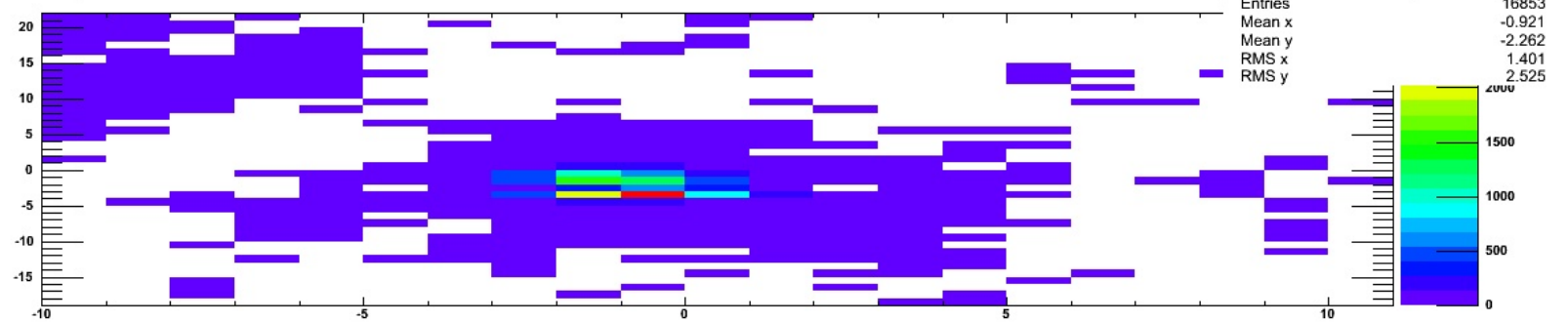
Repair requested 7/4/05 4pm. Fixed 7/5/05 9am.

Able to start taking data noon 7/5/05

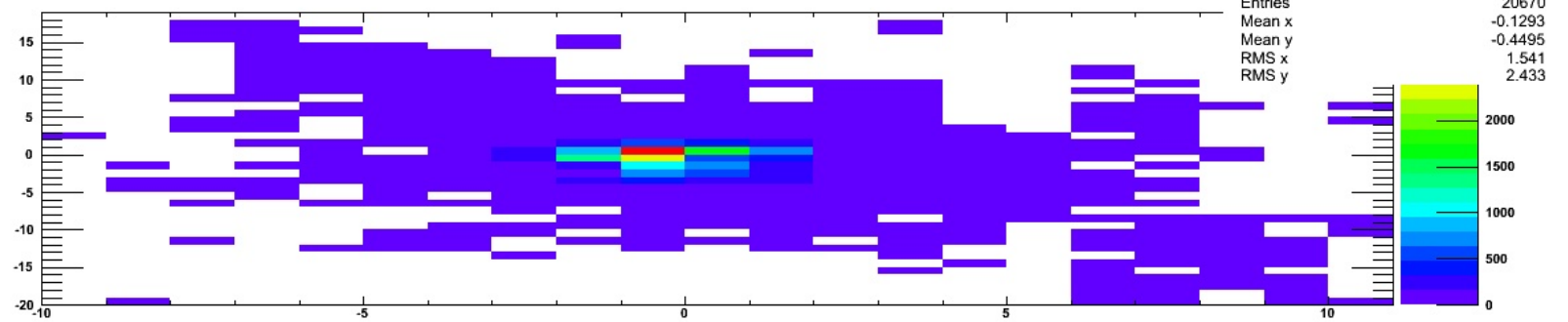
BC Beam Spot BC1

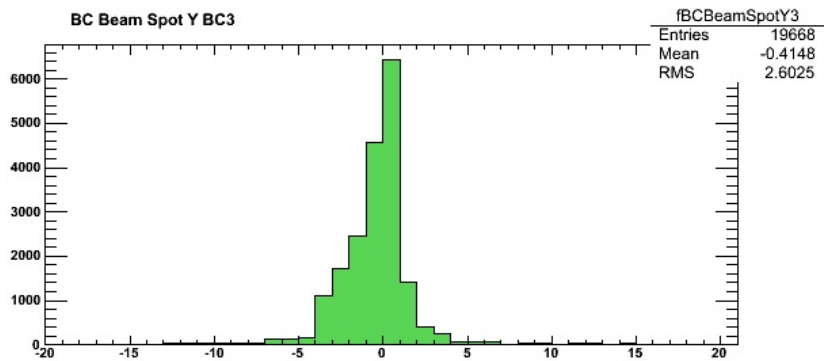
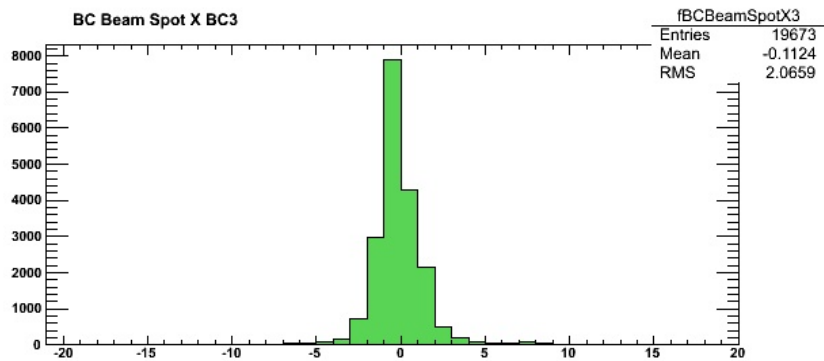
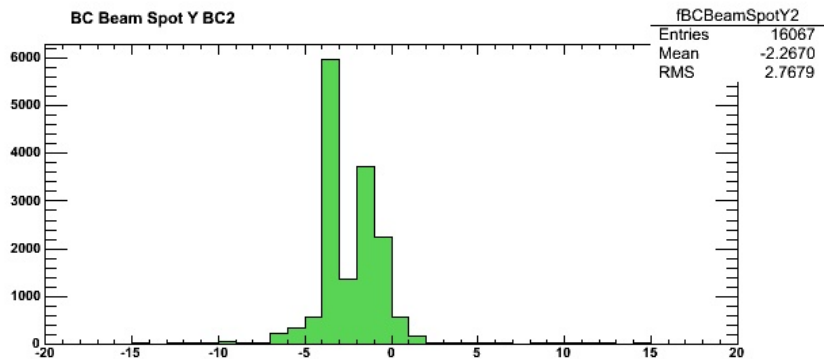
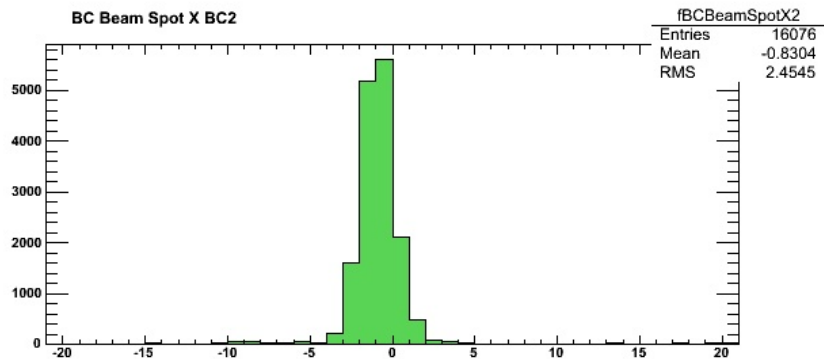
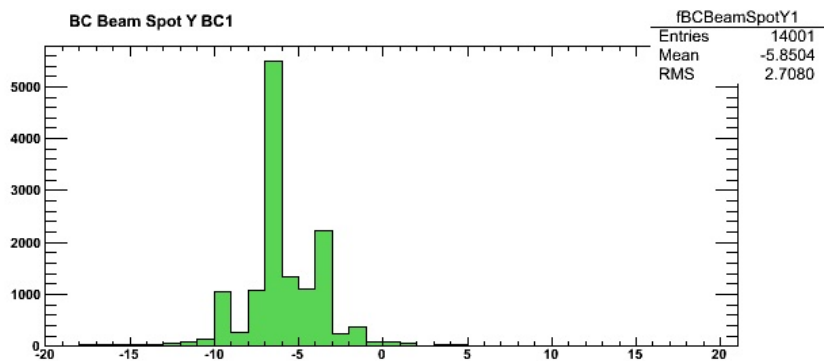
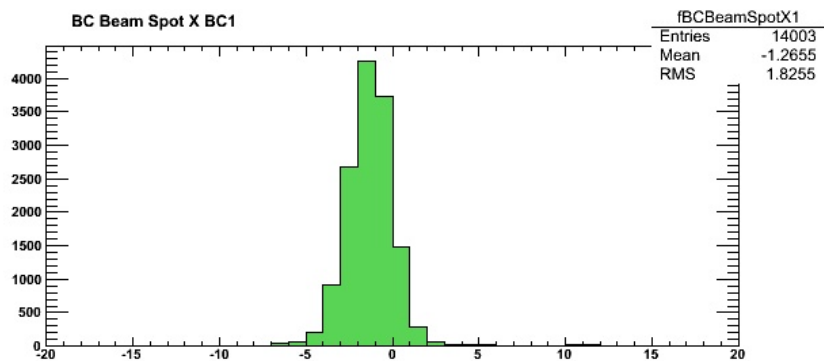


BC Beam Spot BC2



BC Beam Spot BC3





Summary

- Detectors working well
- Data summary: last two weeks:
 - 5090 spills, 256,484 NuMI triggers, 304,029 events
 - Up 7 days:16 hrs (56%)
- Data to-date:
 - 9509 spills, 494,700 NuMI triggers, 640,709 events