

MIPP Update

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All Experimenters' Meeting

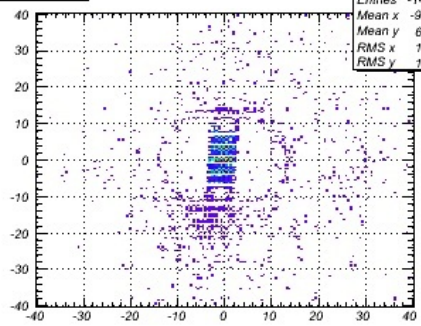
June 20, 2005

MIPP Status

- 120 GeV beam established late Tues(6/14)
- Experts managed to narrow the beam spot to $\approx 10\text{mm}$
- Extraction has been stable, but beam is still too wide
- Tuning has been hampered by non-working SWICs
 - no profiles from MC6WC,MC7WC1,MC5WC
 - MC7WC1 replaced & source-tested Thurs but no luck

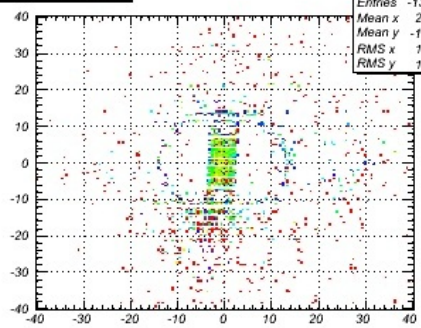
- Detectors working well
 - added Mu-metal and amps on fiber-detector PMTs
 - accesses during shot-setup to fix cable mapping issues

NuMI target outline



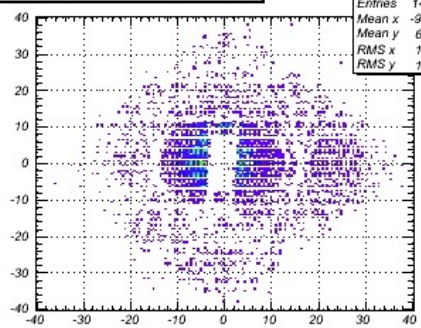
hstoDiff	
Entries	-14032
Mean x	-9.055
Mean y	6.406
RMS x	17.19
RMS y	10.78

NuMI target outline



hSum	
Entries	-13957
Mean x	2.819
Mean y	-1.072
RMS x	13.74
RMS y	15.57

Particles that did not fire interaction



hSum2	
Entries	14032
Mean x	-9.055
Mean y	6.406
RMS x	17.19
RMS y	10.78

Data Summary

- 1481 spills (102 empty)
- 141k events with NuMI target
- At 100 evts/spill, \approx 1 month for 1M events
- More spills will be of big help