

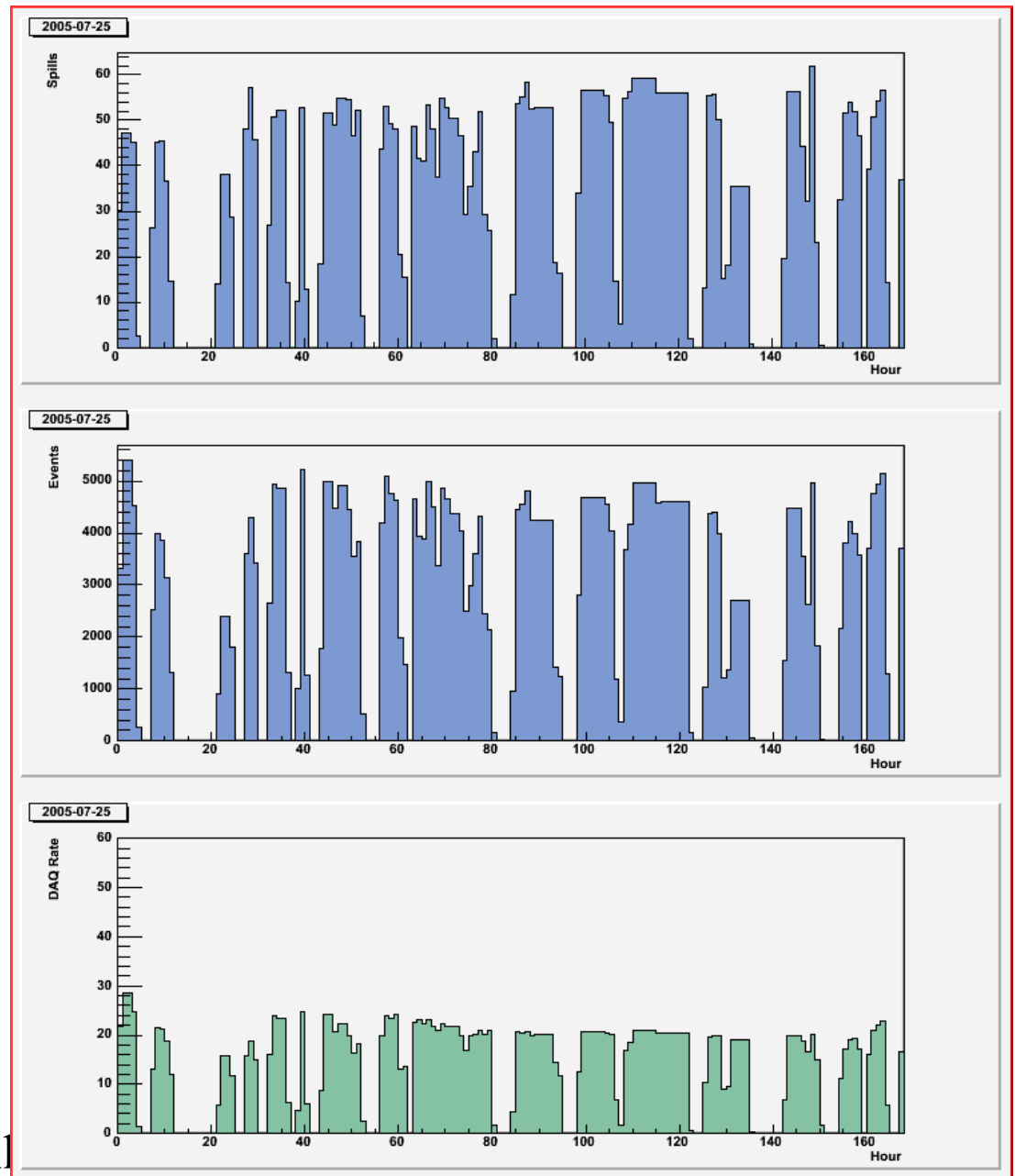
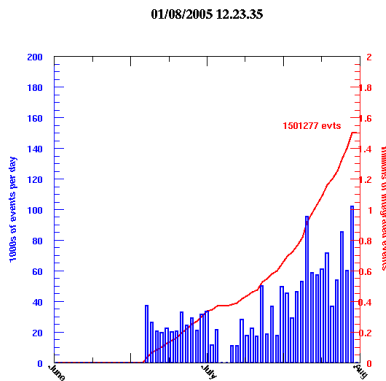
# *MIPP Status*

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Fermilab All Experimenters' Meeting  
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- Statistics
- Beam and detector status
- Change from NuMI to thin targets

# MIPP event statistics

- NuMI target  
+120 GeV/c protons
- Last week only:
  - 441793 events in  
5204 spills with beam
- Total on the NuMI target:
  - 1,637,389 events triggered  
on the NuMI trigger in  
22045 spills with beam



# *MIPP Detector status*

- No big issues over the last week.
  - Beam size, position, and intensity were ok with no more than the usual small interruptions
  - The detector is running well.  
Data quality is good. One exception:
    - 7/30: EMCAL broke one wire, (part of) plane 4 disabled (10 planes total)
- NuMI target has been removed from MC7 this morning.
  - MIPP left the target in perfect condition.
- Target wheel has been installed for thin target 120 GeV/c running.
- Details on the work on MIPP today:
  - Survey/alignment of MC6WC · not finished
  - Installation, alignment, and testing of Scint detector, target wheel, and beam veto detector
  - Trigger modifications:
    - Use interaction trigger again, instead of NuMI trigger
    - allow prescale of iDC wrt Scint
  - Preventive Maintenance on the A/C, etc.

# *MIPP summary*

- MIPP collected data on the NuMI target to reduce the MINOS near/far systematic error.
  - The increased spill rate (1 per minute) increased the data sample significantly.
- Data on Be, C, Bi with 120 GeV/c protons will be taken next.
  - Please keep the rate at 1 per minute.