# MiniBooNE Report

Richard Van de Water
Los Alamos National Lab
for the MiniBooNE collaboration

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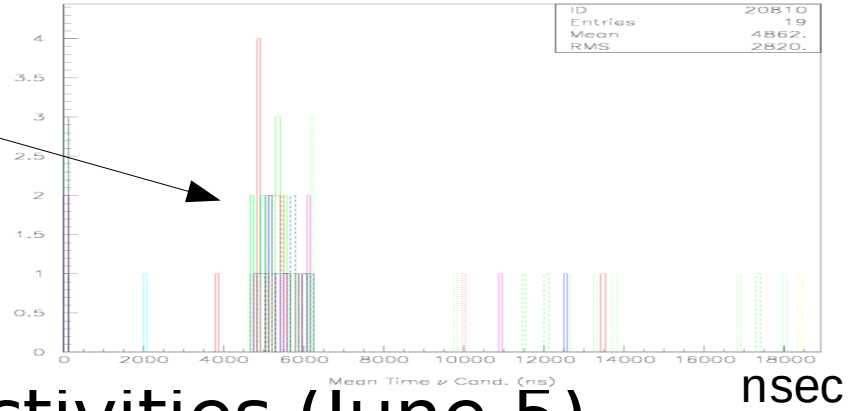
# Weekly Summary 05– 12 June
# First Week of Full Ops
# 1.6E18 POT, 87% Uptime

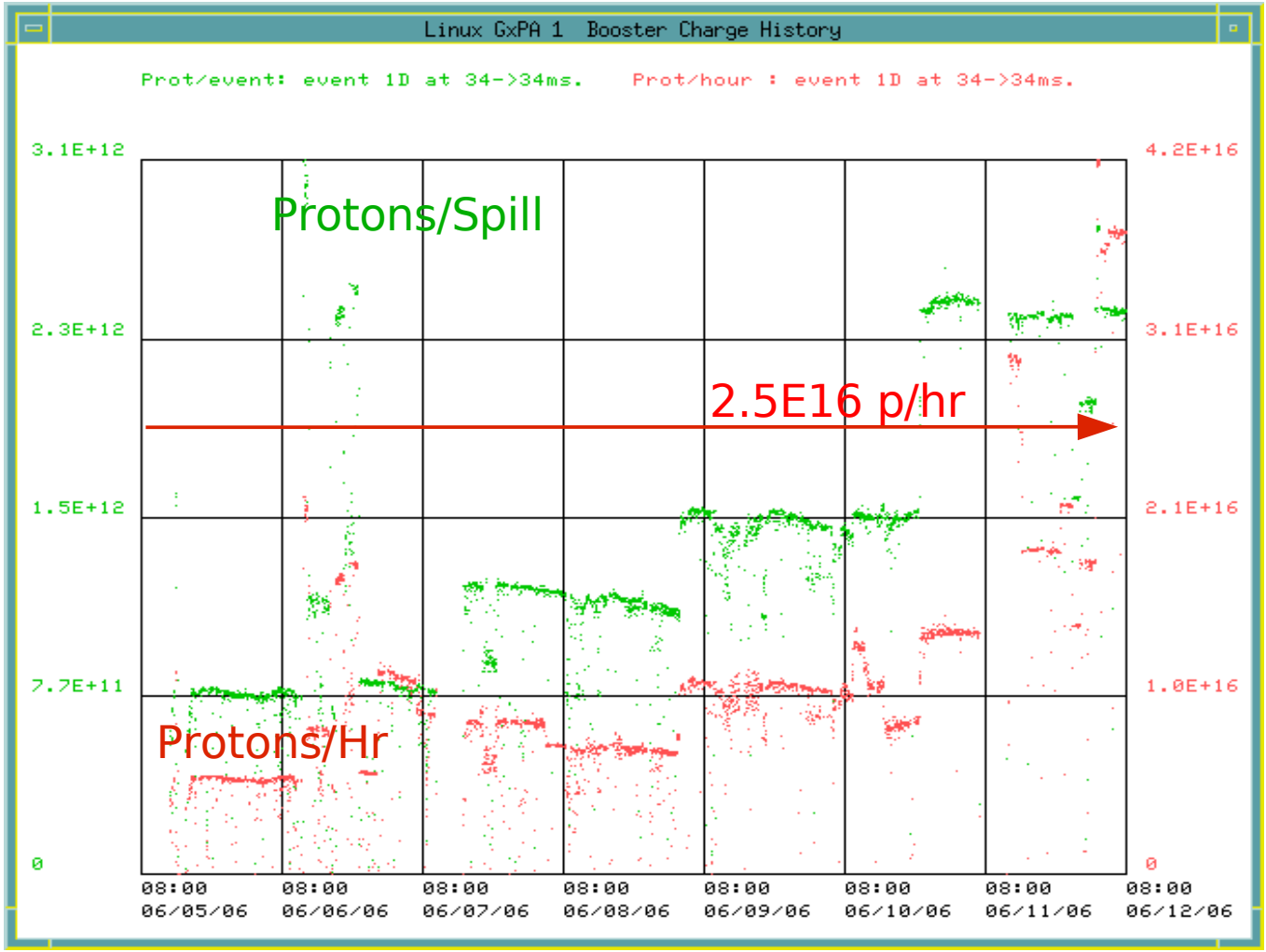
- Both MB detector and beamline running well:
  - Horn in anti-neutrino mode.
  - Recording anti-neutrino events in beam window.




Major Downtime:

- 5 hrs: Start up activities (June 5).
- 5 hrs: RF1 repairs (June7).
- 6 hrs:  PLC fault MI60 (June 11).

# One Week Proton/Hr Summary




05 June

12 June

Steadily improving Booster Performance.

# Booster Score Card after one Week

- Uptime: 87%, last year ~90%.
- Rate:  2.3Hz, last year ~2.0Hz.
- Pr/Event: 1.3E12, last year ~4E12 POT.
- Pr/week: 1.6E18, last year ~3.5E18POT.
- We are pleased with Boosters steady improvements:
  - plan is for a systematic approach to achieving stable high efficiency orbits before making next tune change.
  - this week the collimators are moved in.

# This Weeks Run Plan

- When Booster can deliver high intensity, perform target scan with $90^0$ monitor.
- Eight hour shutdown to repair broken PMT bases in LMC (Little Muon Counter).
- Take a special beam off target LMC run (few hours) after repairs.
- Continue taking anti-neutrino physics data.