

MiniBooNE Report

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for the MiniBooNE collaboration

28 November 2005

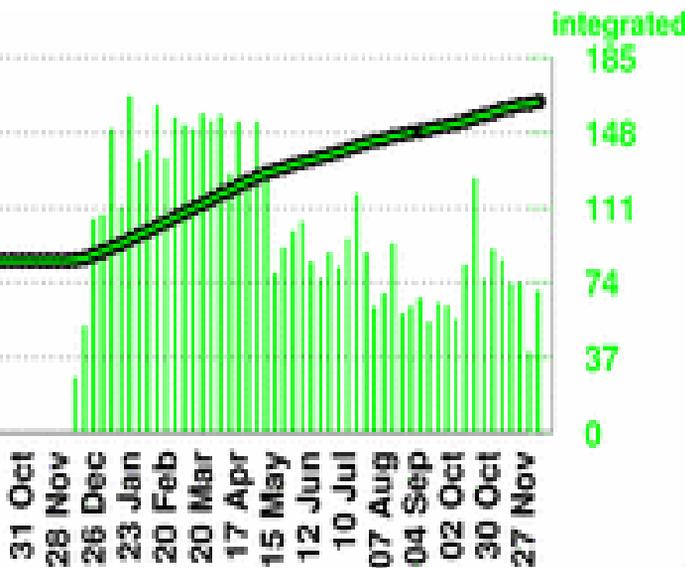
21 Nov – 28 Nov Summary

Beam Uptime 97%

3.9E18 POT Delivered

- Detector running well, ~100% livetime.
- Beam downtime:
 - 3hrs to repair kicker magnet MKS08 (Saturday).
- Nov 16, begun ½ current horn runs after correcting beam-horn timing.

21 Nov – 28 Nov

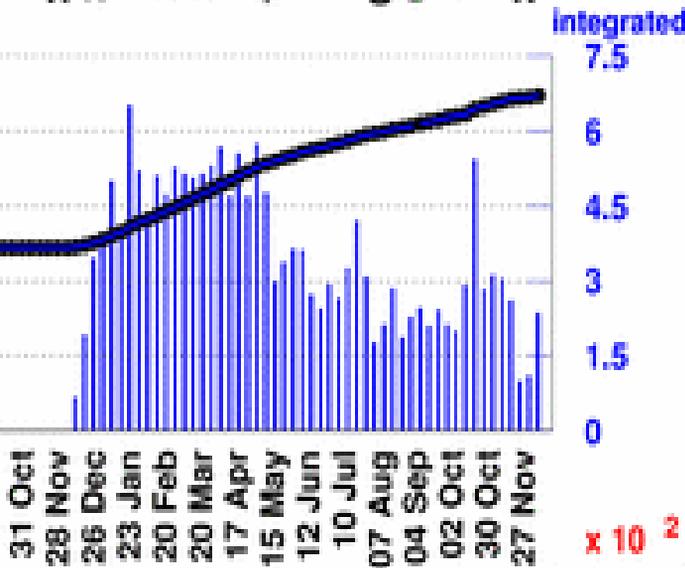


Number of Horn Pulses

To date: 163.05 million

Largest week: 2.46 million

Latest week: 1.03 million

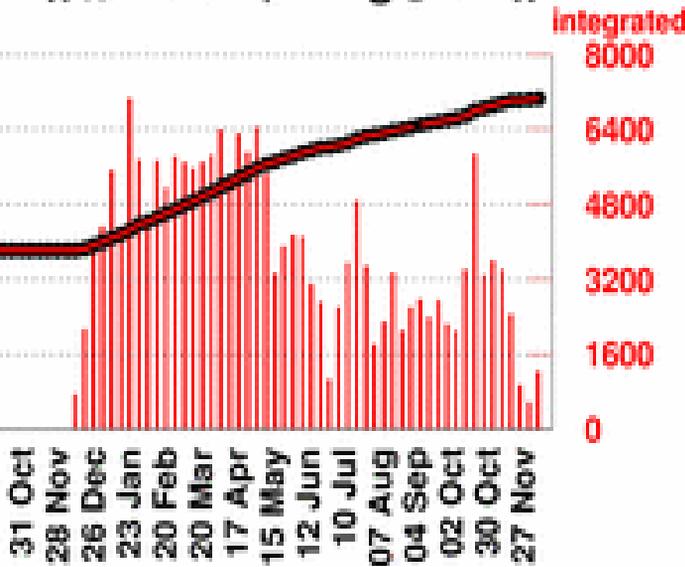


Number of Protons on Target

To date: 6.6985 E20

Largest week: 0.1084 E20

Latest week: 0.0391 E20



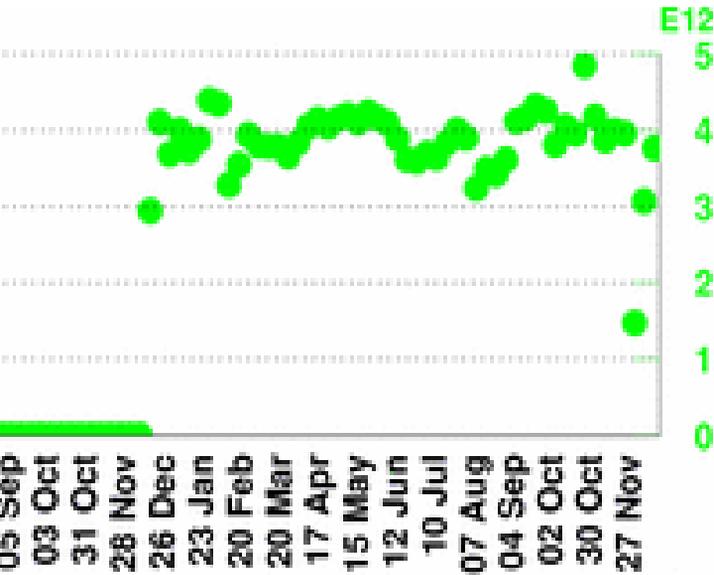
Number of Neutrino Events

To date: 704431

Largest week: 11447

Latest week: 1988

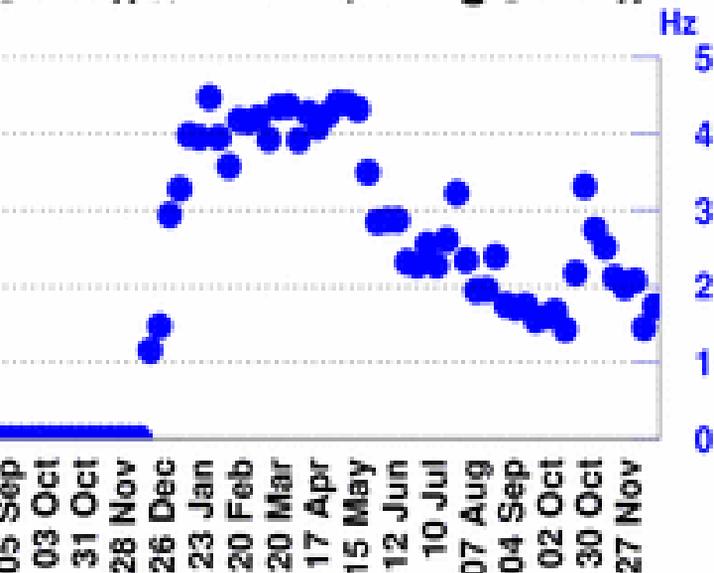
21 Nov – 28 Nov



POT per Horn Pulse

Largest week: 4.85 E12

Latest week: 3.77 E12

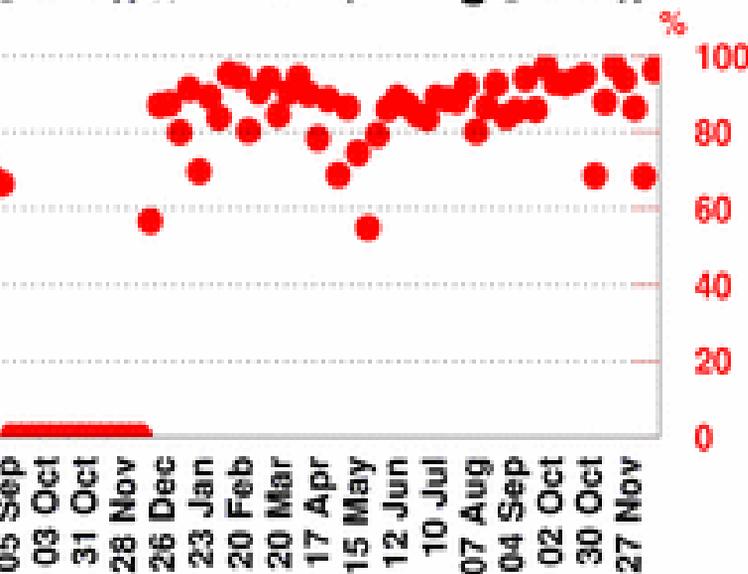


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.73 Hz



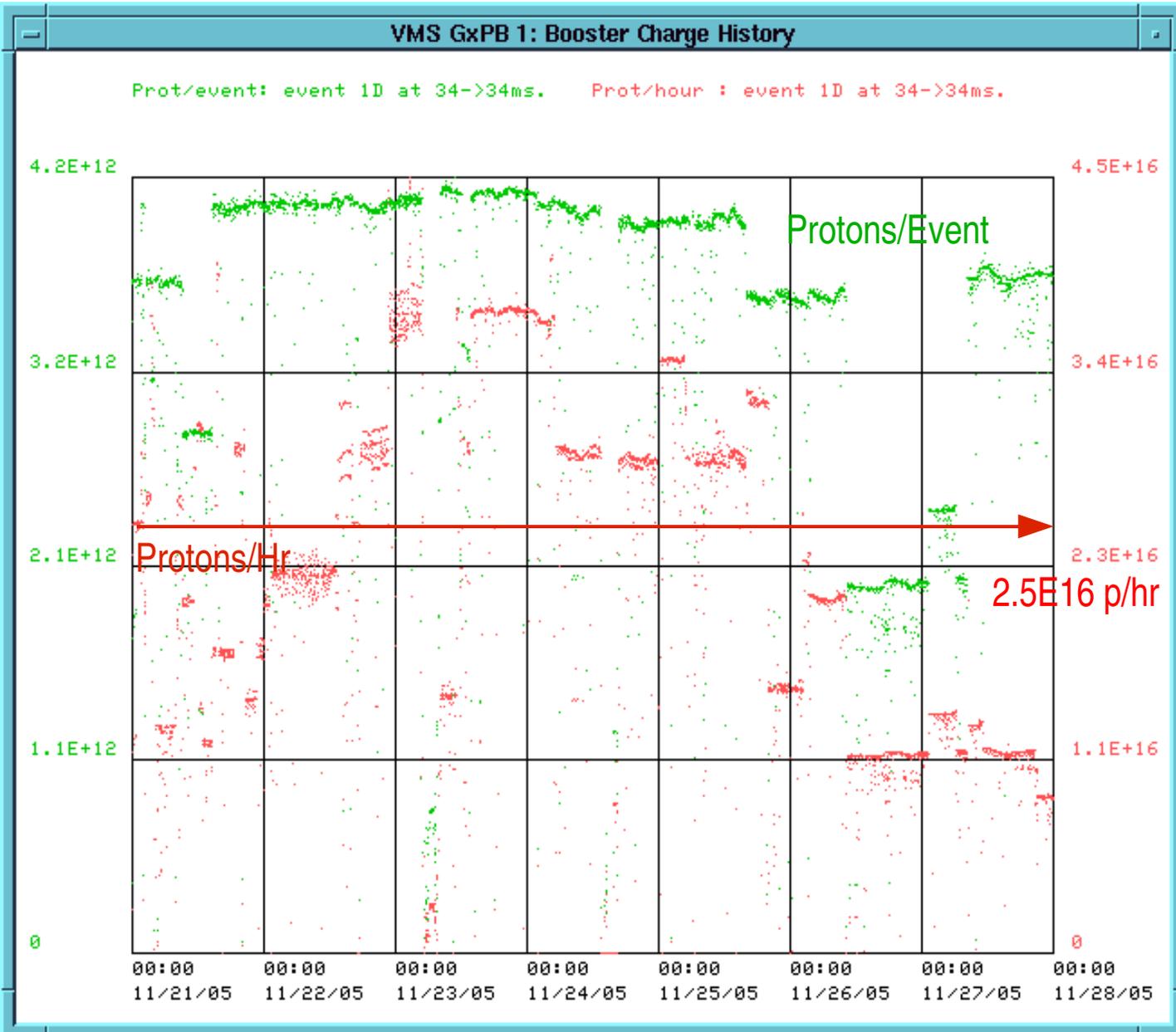
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 97.4 %

Latest week: 96.5 %

MiniBooNE One Week Proton/hr Summary



21 Nov

28 Nov

Horn current at $\frac{1}{2}$ nominal.

Summary, Plan of the Week

- Continuing systematic $\frac{1}{2}$ horn current run for another ~2-3 weeks to get sufficient statistics.
- Important to get as much quality beam as possible during this systematic run period.