MiniBooNE Report

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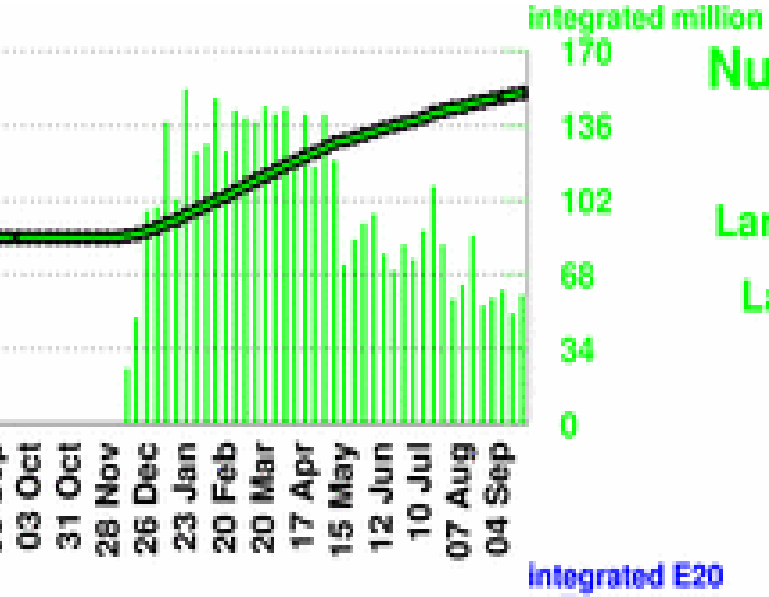
for the MiniBooNE collaboration

12 SEPTEMBER 2005

28 Aug - 12 Sept

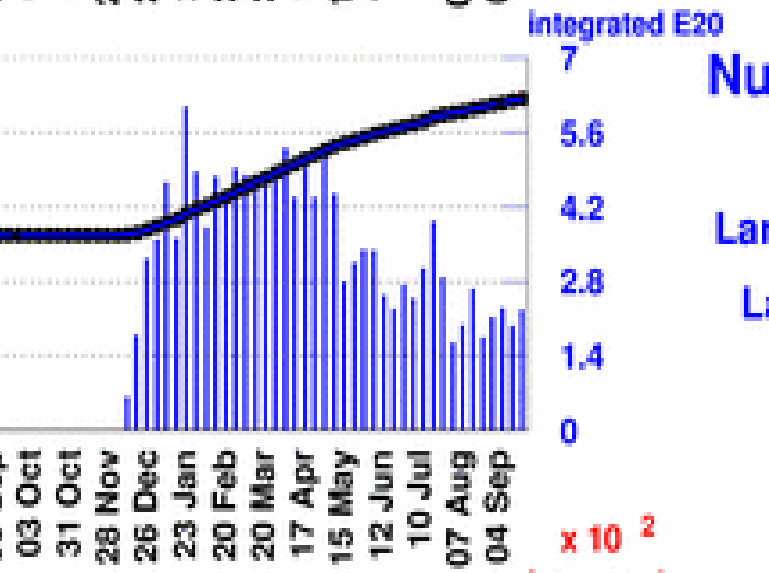


Number of Horn Pulses

To date: 150.66 million

Largest week: 2.46 million

Latest week: 0.95 million

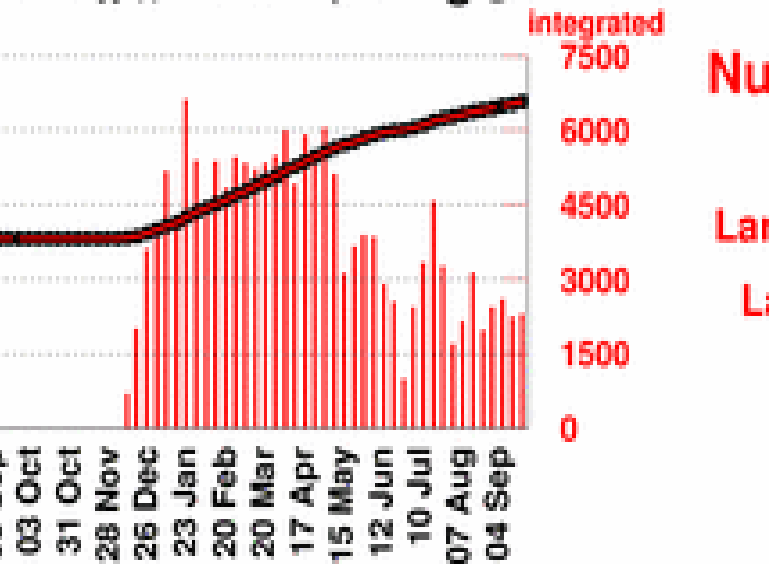


Number of Protons on Target

To date: 6.225 E20

Largest week: 0.1084 E20

Latest week: 0.0402 E20



Number of Neutrino Events

To date:656686

Largest week: 11447

Latest week: 3951

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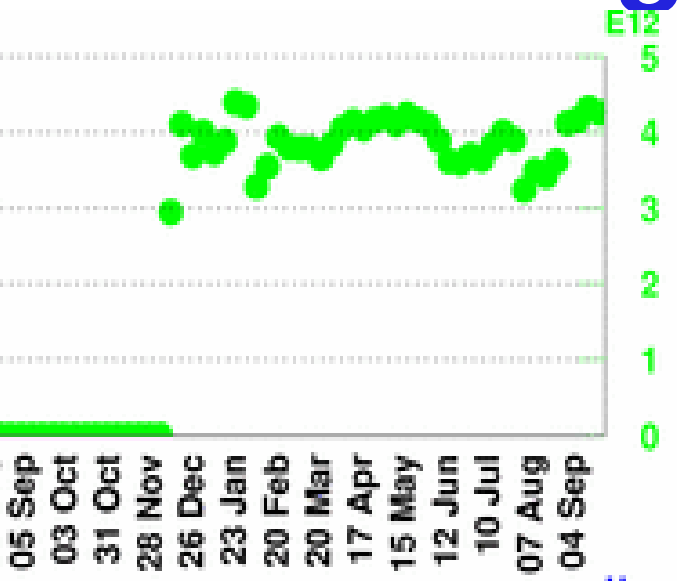
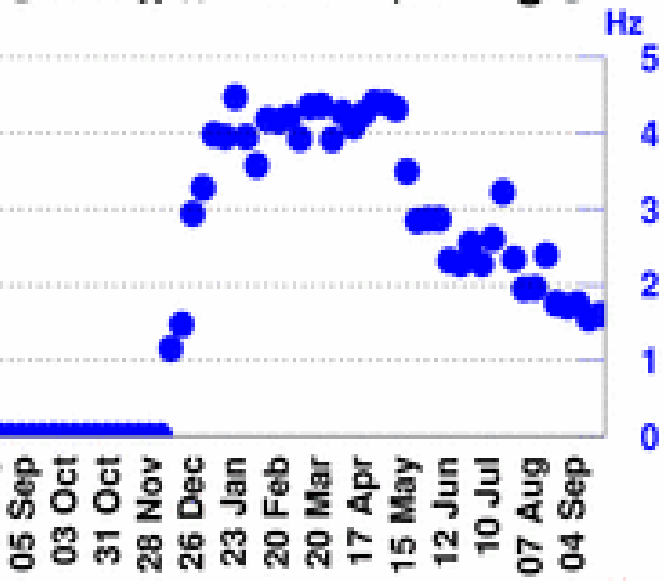


POT per Horn Pulse

Largest week: 4.66 E12

Latest week: 4.25 E12

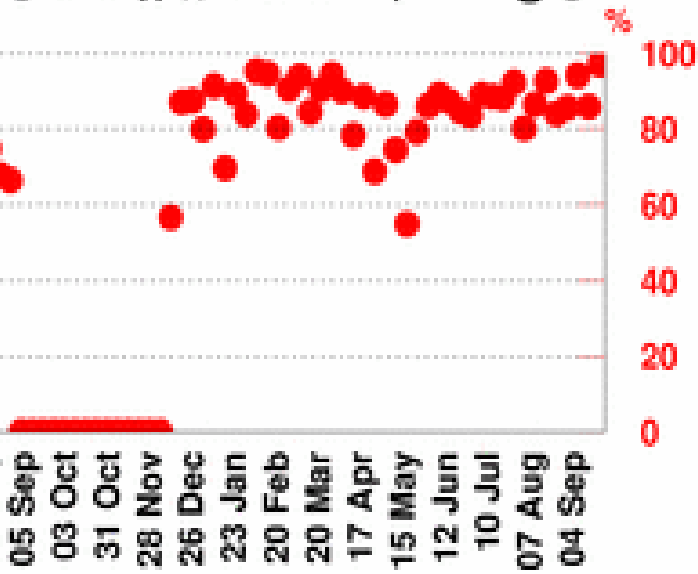


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.6 Hz



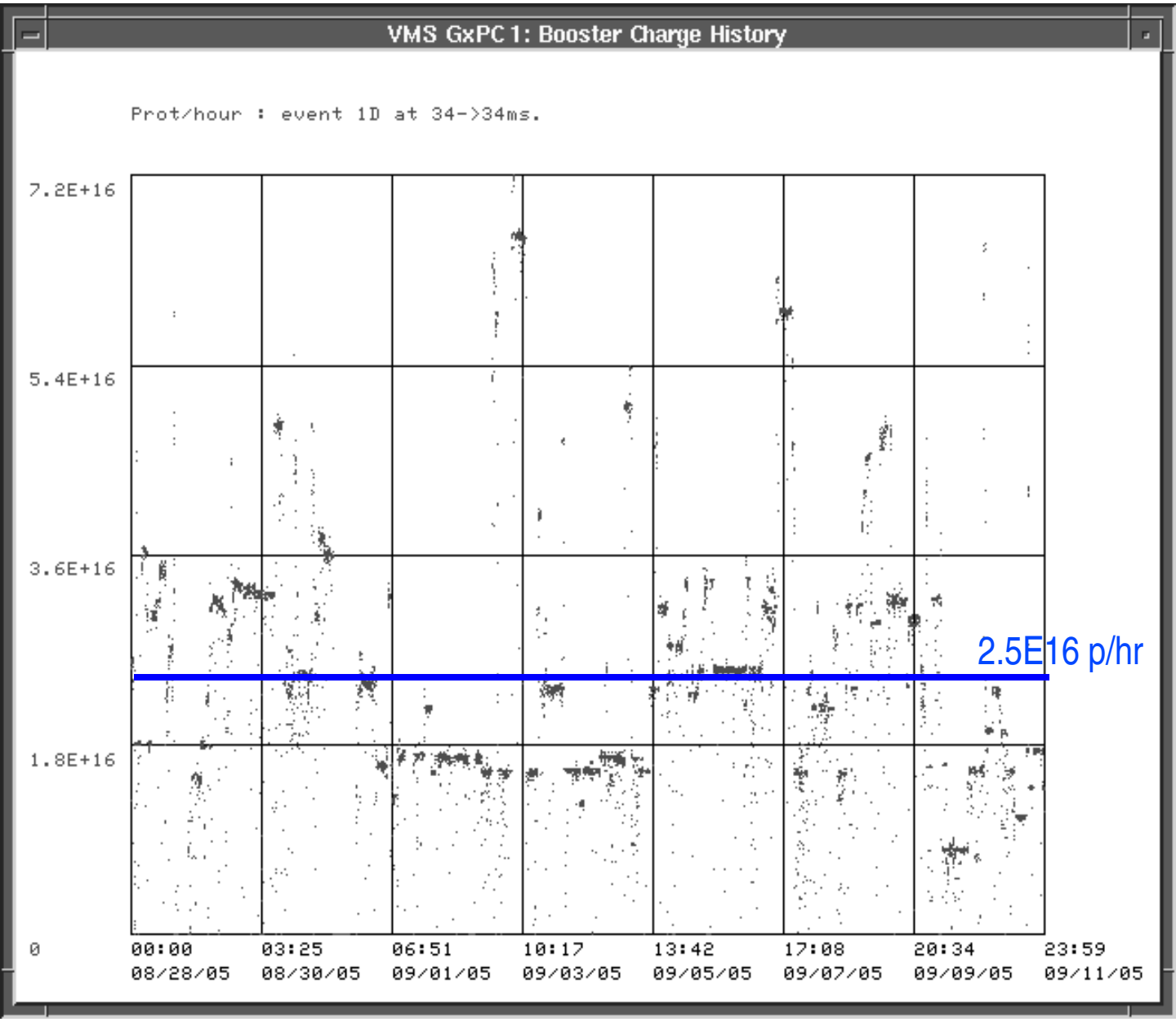
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 97 %

Latest week: 97 %

MiniBooNE Two Week Proton/hr Summary



28 Aug

12 Sept

Last few days low...

Beam Uptime 97%
4.1E18 POT Delivered

- Detector running well, ~100% livetime, no major issues.
- Beam uptime good. Periods of increased losses. Need to keep on top of tune.
- Begun process for deciding on switch to antineutrino running.
  - Pros: systematic checks, xsections, osc search.
  - Cons: ~2 wk down time, stop taking neutrino data.