

MiniBooNE Report

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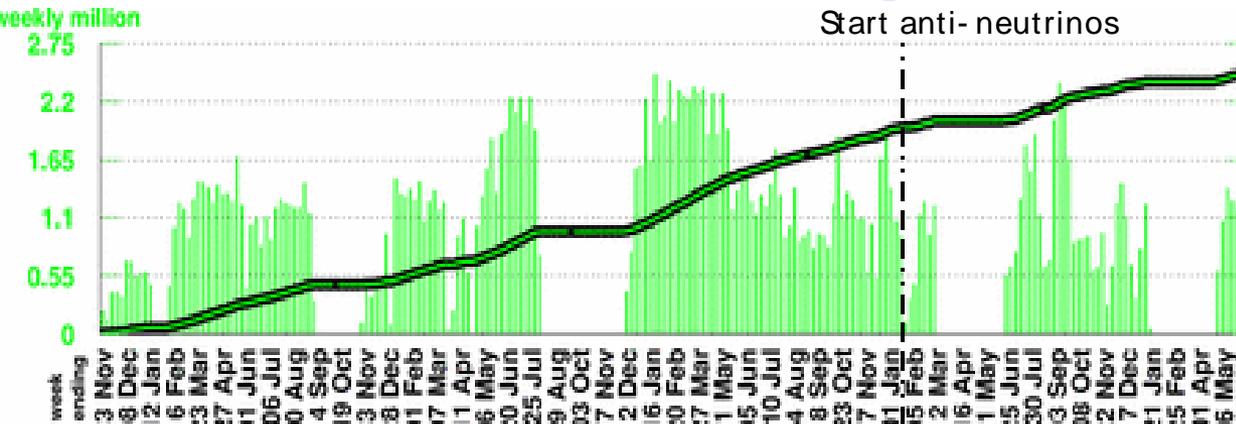
14 May 2006

Week Summary 07 May – 14 May

5.3E18 POT, 82% Uptime

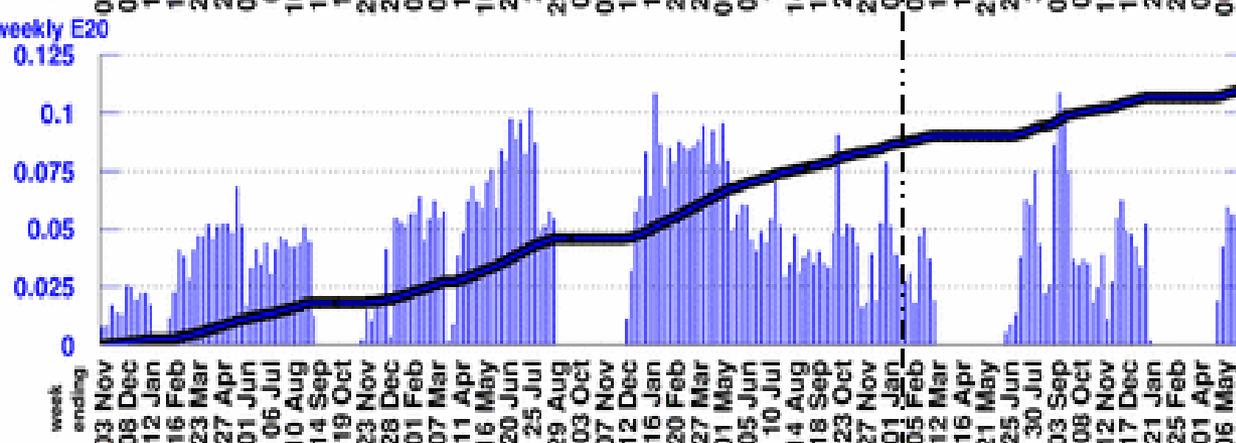
- Booster delivering stable beam to MiniBooNE at $\sim 4E16P/hr$.
- Major Downtime:
 - 2 hrs, Booster trips (May 7).
 - 1 hr, Machine studies (May 9).
 - 16 hrs, Safety system test (May 10).
 - 1 hr Pbar LCW leak (May 11).
 - 2 hrs ORBUMP power supply failure (May 13).

07 May - 14 May

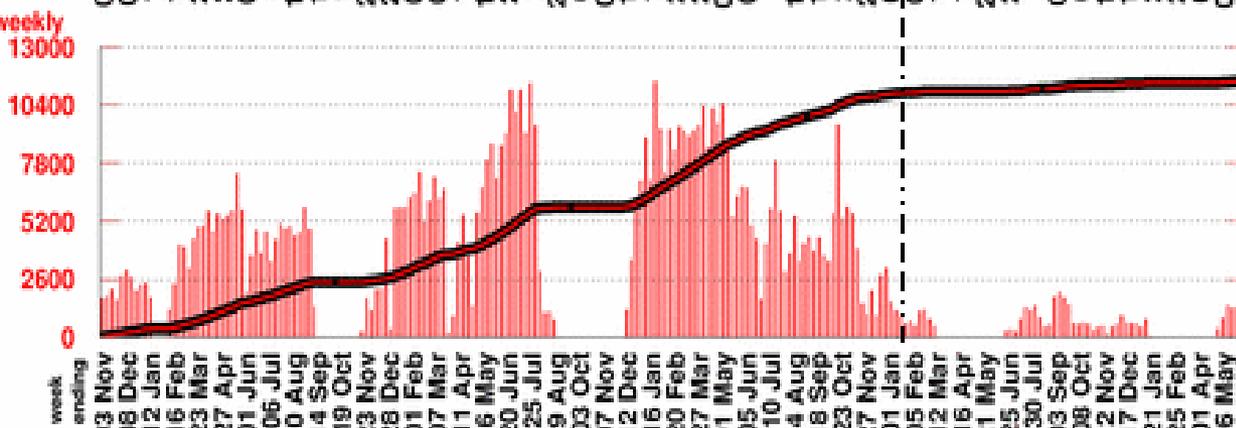


Number of Horn Pulses
 To date: 214.08 million
 Largest week: 2.46 million
 Latest week: 1.16 million

With Beam Information Cuts



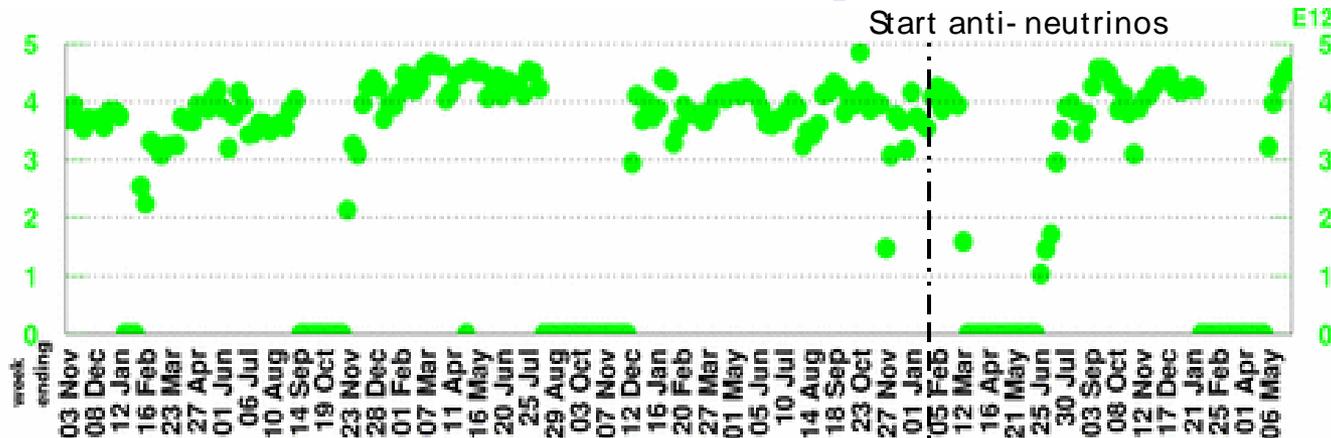
Number of Protons on Target
 To date: 8.7668 E20
 Largest week: 0.1085 E20
 Latest week: 0.0531 E20



Number of Neutrino Events
 To date: 749594
 Largest week: 11447
 Latest week: 1313

07 May - 14 May

E12

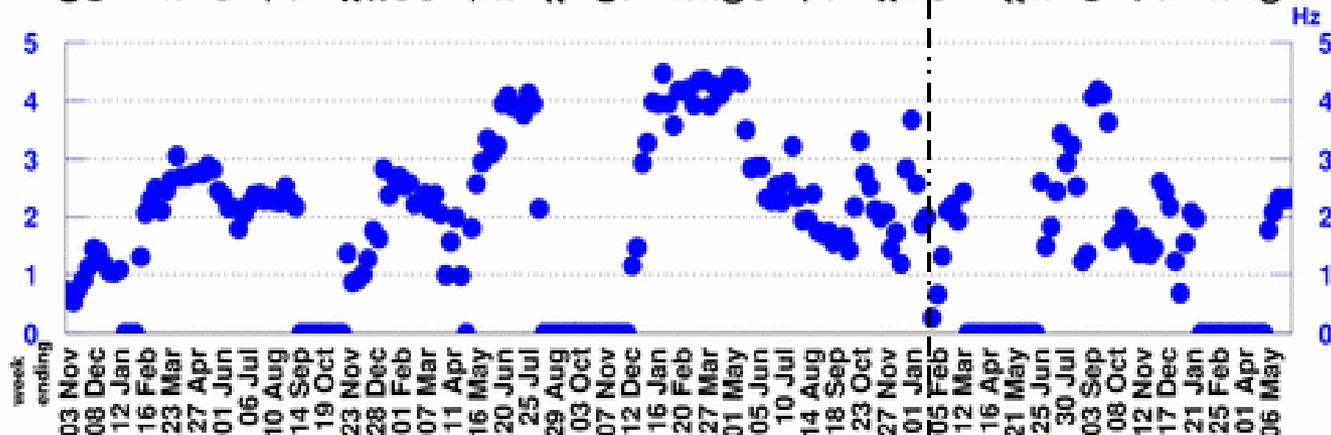


POT per Horn Pulse

Largest week: 4.85 E12

Latest week: 4.59 E12

Hz



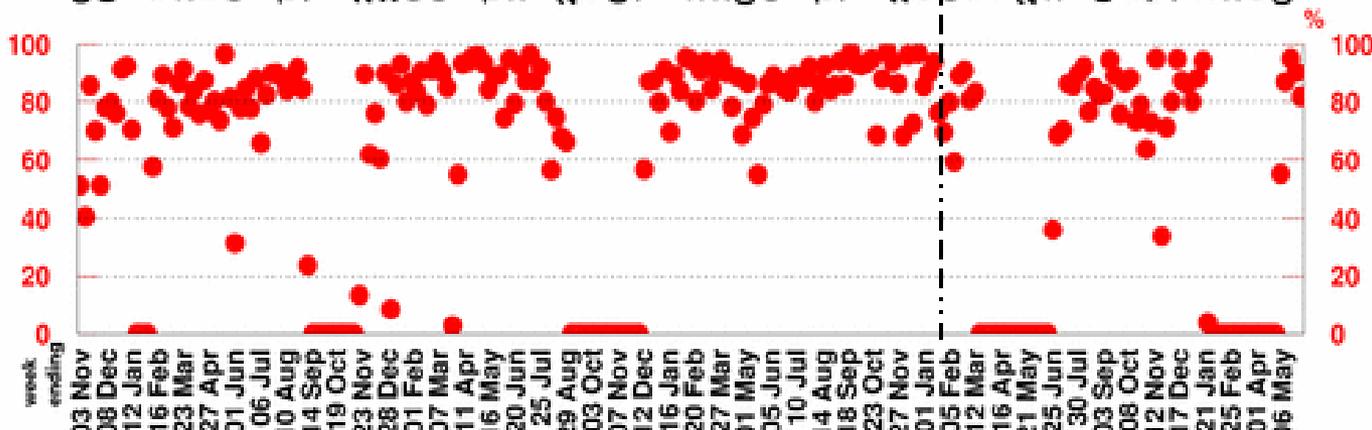
Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 2.32 Hz

%



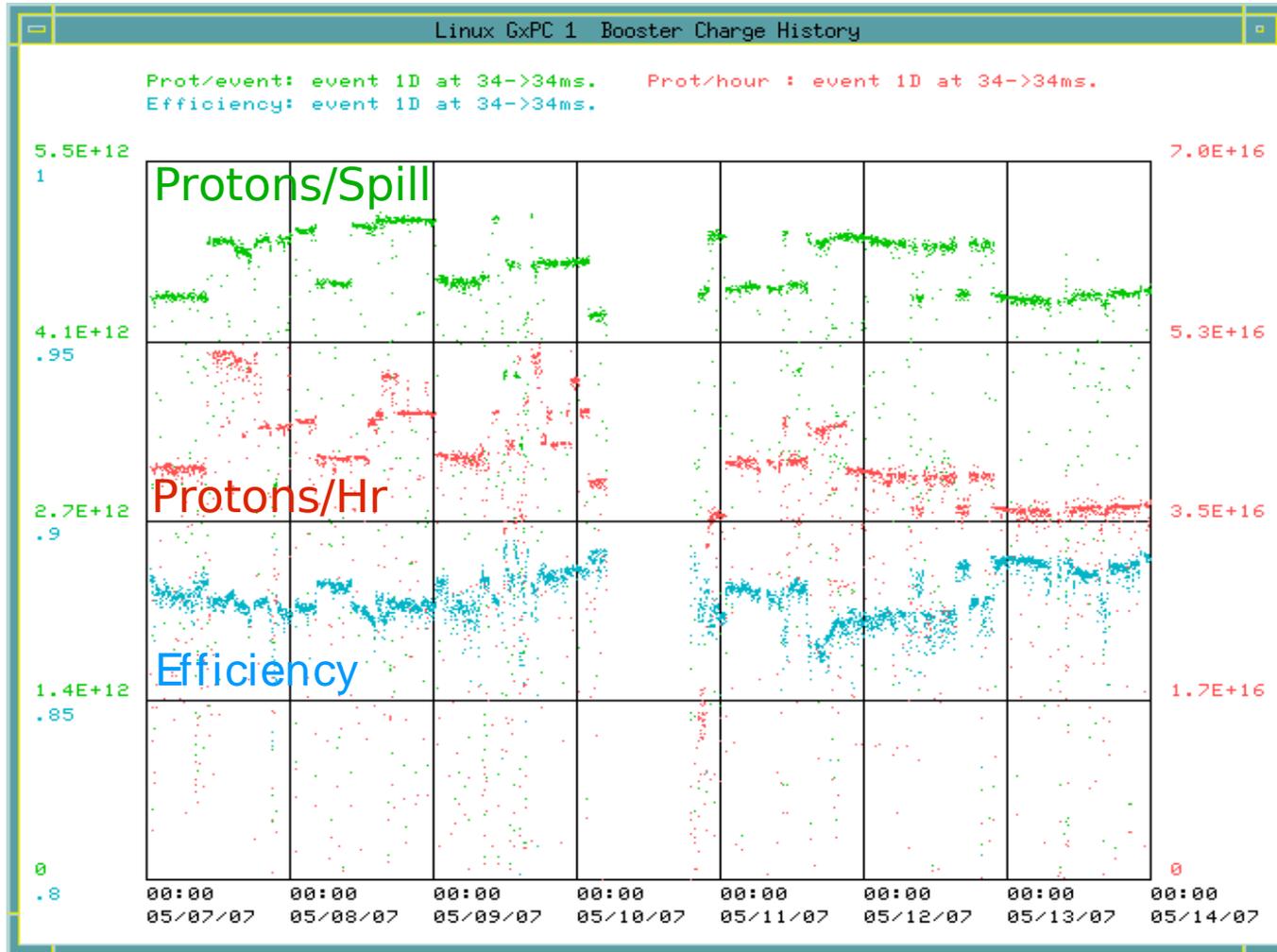
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 97.4 %

Latest week: 81.9 %

One Week MB Proton/Hr Summary



07 May

14 May

Currently running steady at 10 turns and 88% Eff.

This Week's Plan

- Continue running, take advantage of good Booster output.
- Plan is to collect 0.6-0.9E20 POT in antineutrino mode and no absorber. Totals to date:
 - 0.2E20 POT no absorber.
 - 0.7E20 POT absorber #10 down.
 - 0.6E20 POT absorber #10 and #7 down.
 - 0.2E20 POT since startup 5 weeks ago (no absorber).