MiniBooNE Report

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LANL
for the MiniBooNE Collaboration

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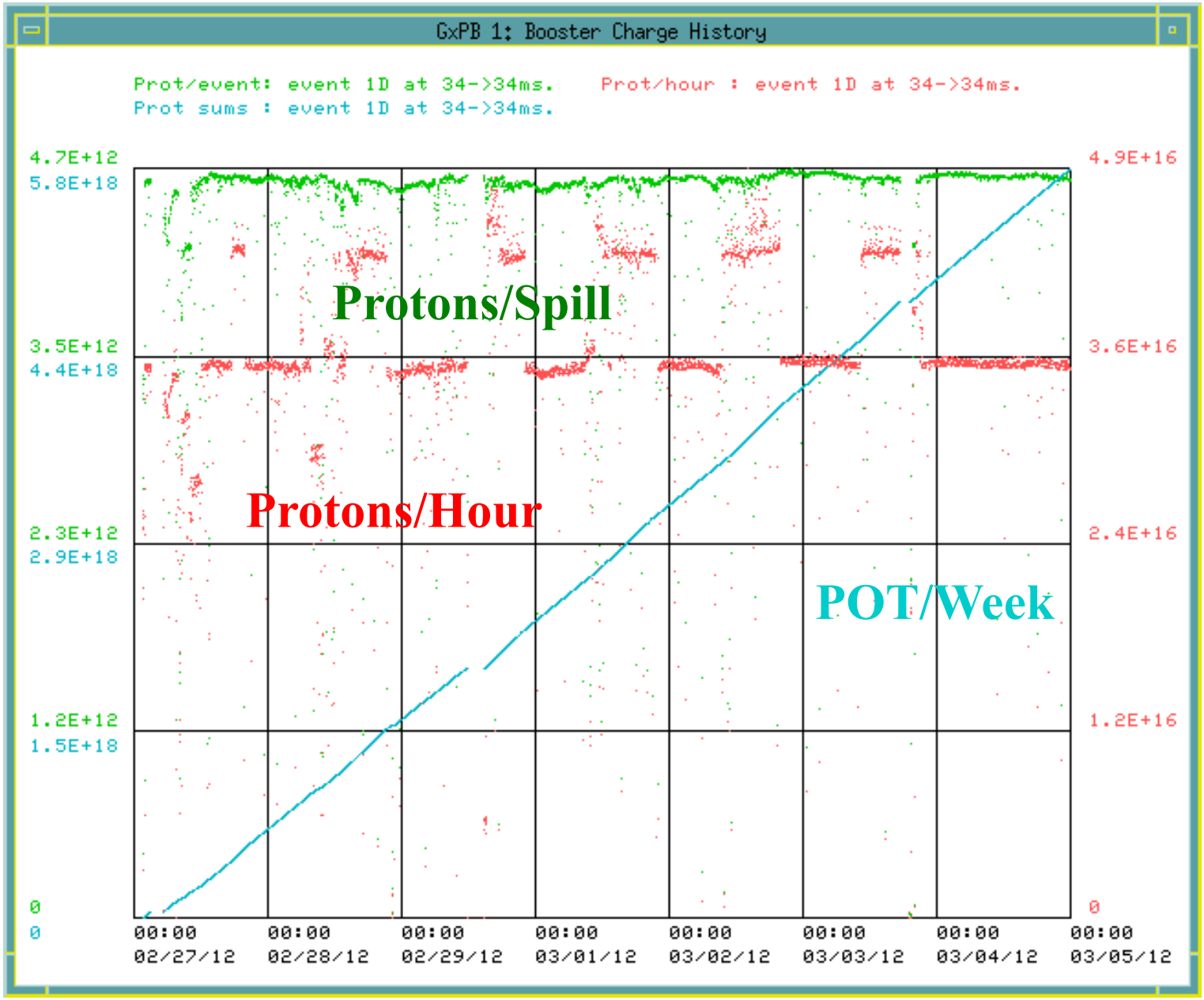
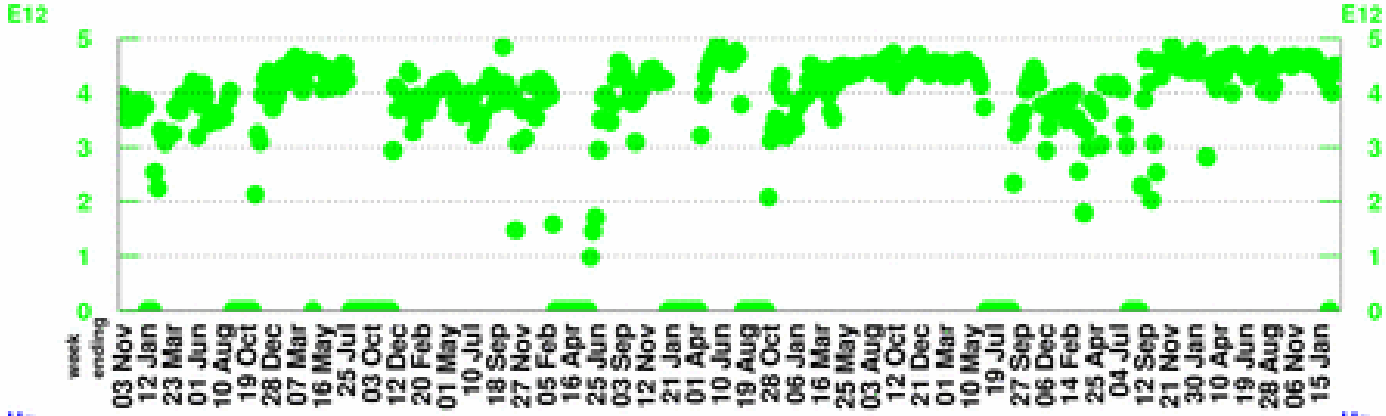
Beam summary 02/27/12 - 03/04/12

Downtime:

- 27 Feb ~4 hrs: Linac problems
- 29 Feb ~3 hrs: MI12 access (adj air flow)
- 03 Mar ~2 hrs: MI40 access



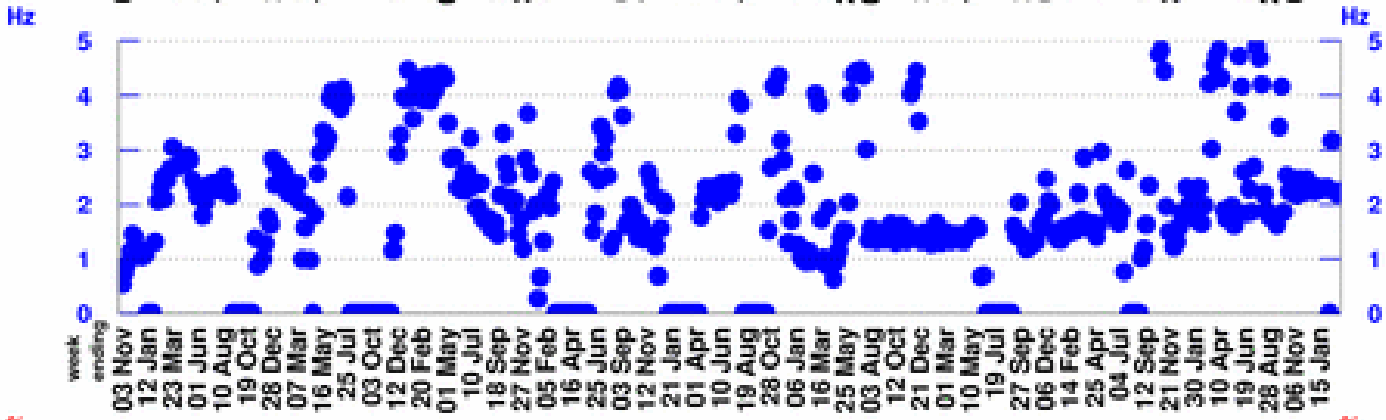
02/27/12 - 03/04/12



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.5 E12

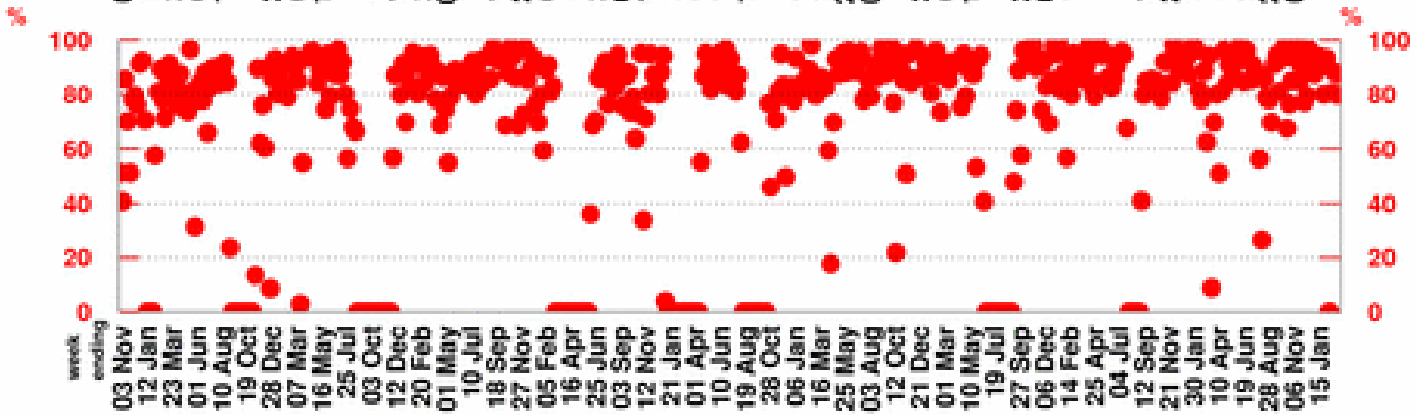


Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 2.24 Hz



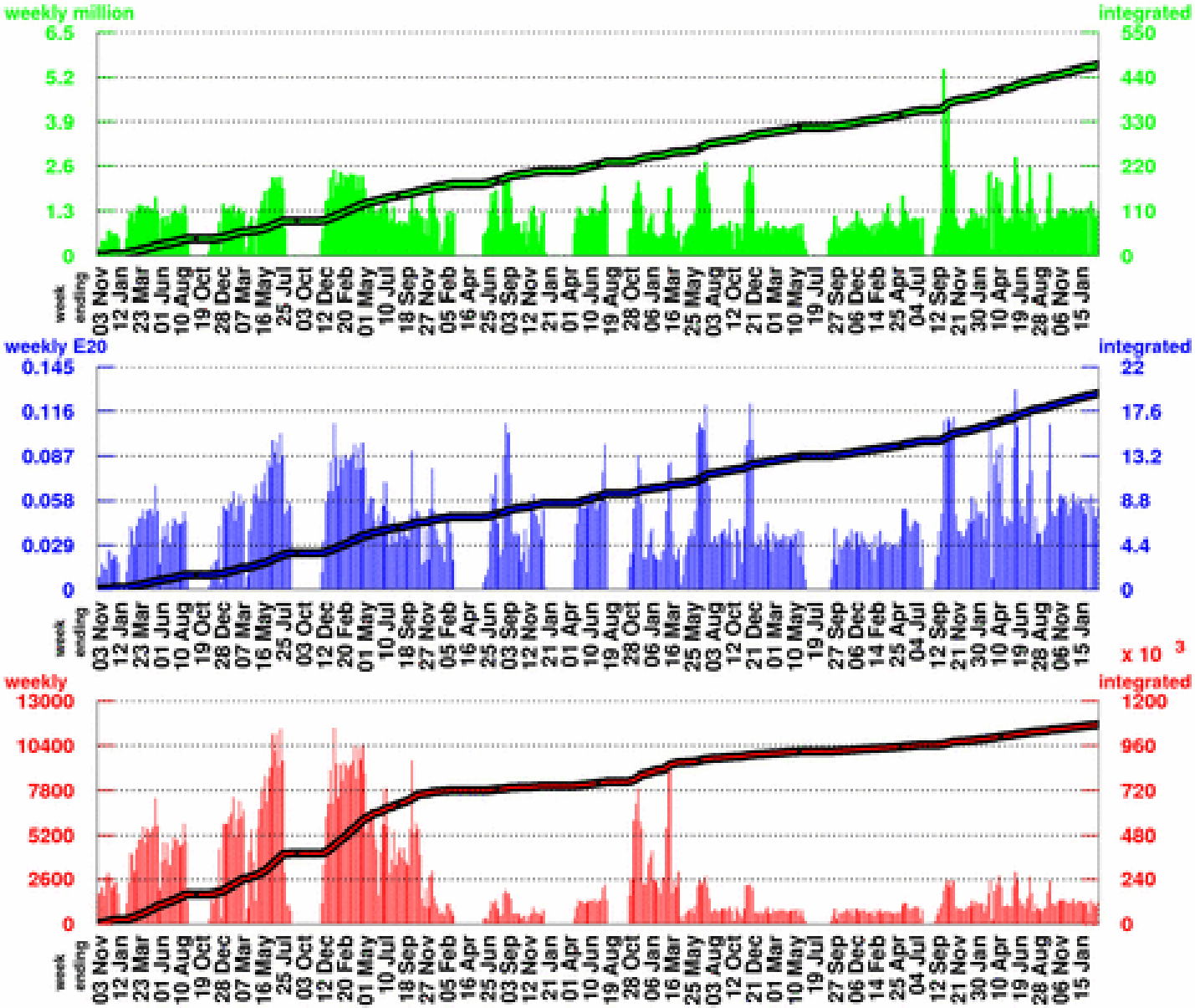
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.9 %

Latest week: 87.6 %

02/27/12 - 03/04/12



Number of Horn Pulses

To date: 468.89 million

Largest week: 5.41 million

Latest week: 1.19 million

Number of Protons on Target

To date19.3568 E20

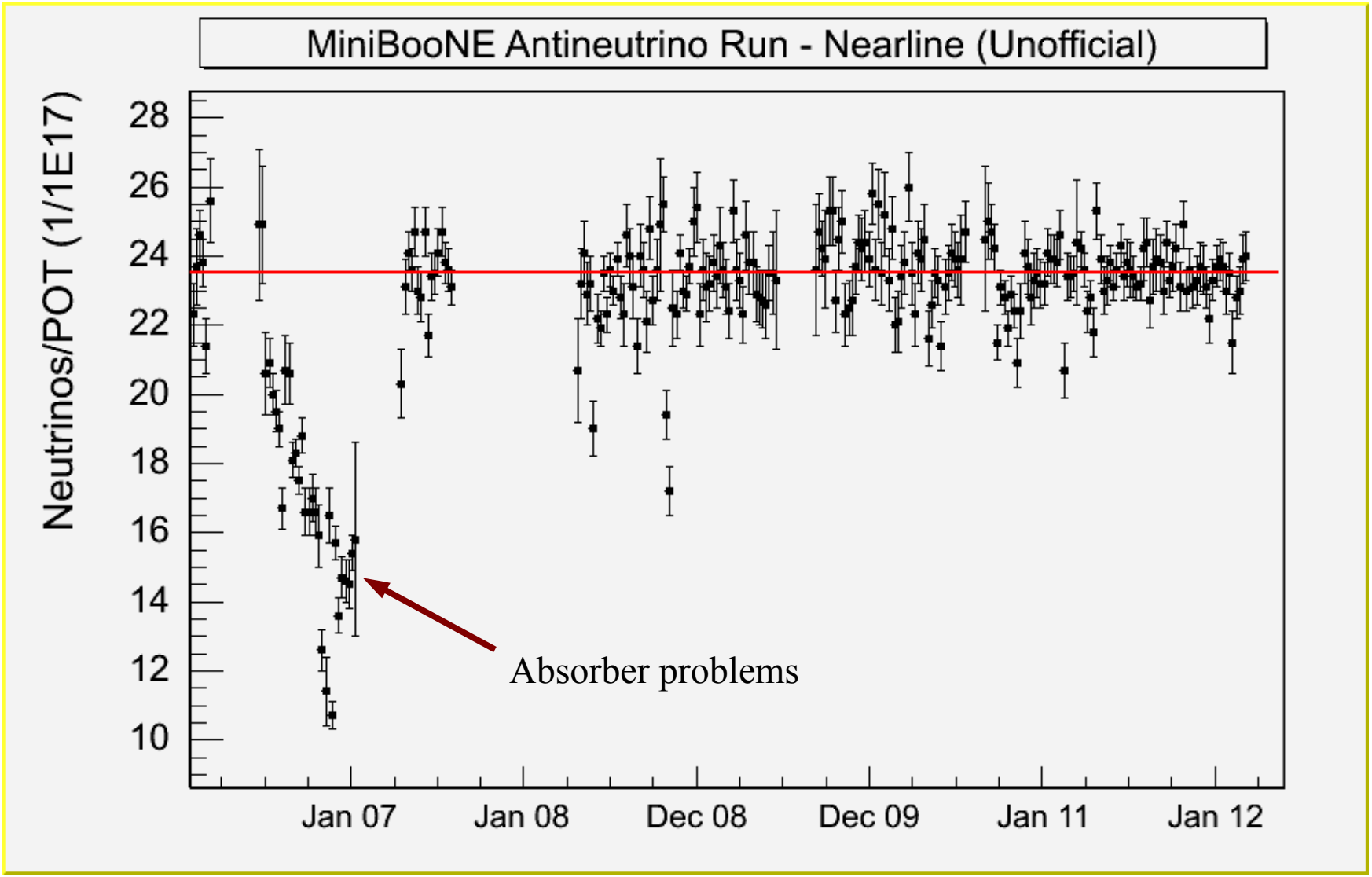
Largest week: 0.13 E20

Latest week: 0.0537 E20

Number of Neutrino Events

To date1074851

Largest week: 11447

Latest week: 1292

AntiNeutrinos/POT unofficial