MiniBooNE Report

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LANL
for the MiniBooNE Collaboration

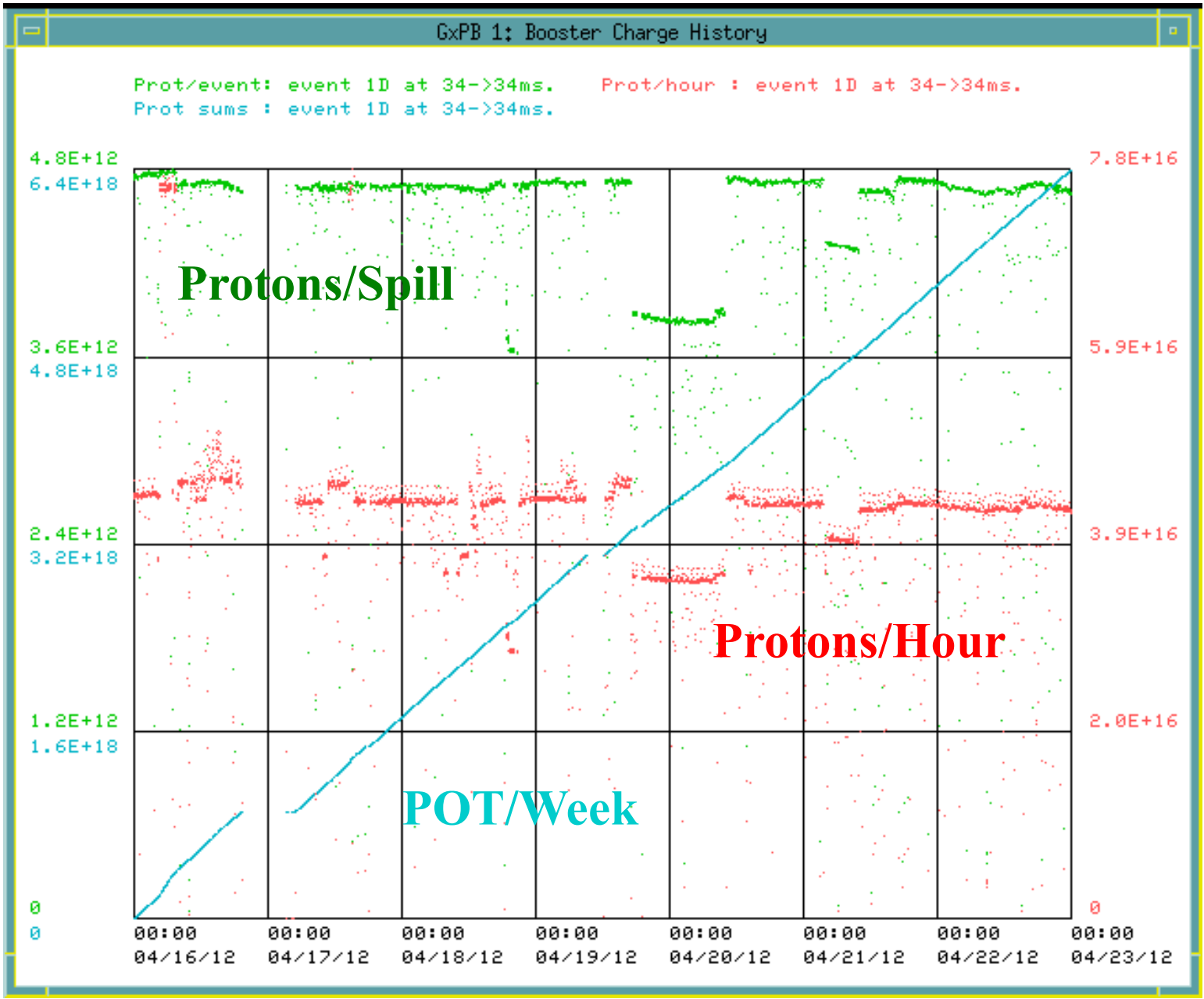
23 April 2012

11.3 x 10^20 POT
in antineutrino mode!!
BOOSTER NEUTRINO EXPERIMENT
NO ACCESS ON BERM ALLOWED AUTHORIZED PERSONNEL ONLY BEYOND THIS POINT
CAUTION

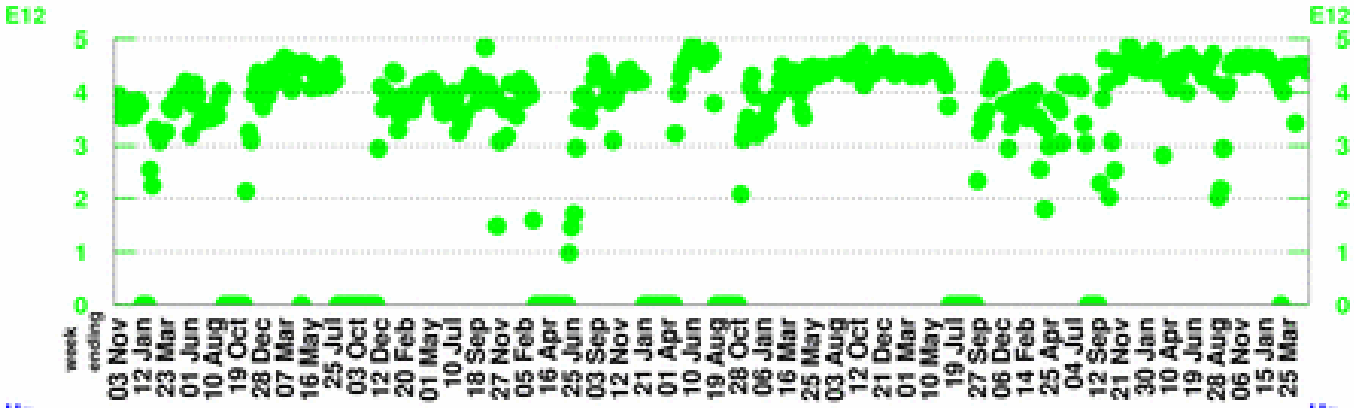
Beam summary 04/16/12 - 04/22/12

Downtime:

- 16/17 April ~9 hrs, MI access (clear obstruction)
- 19 Apr ~4 hrs, LINAC power supply repl., Booster RF



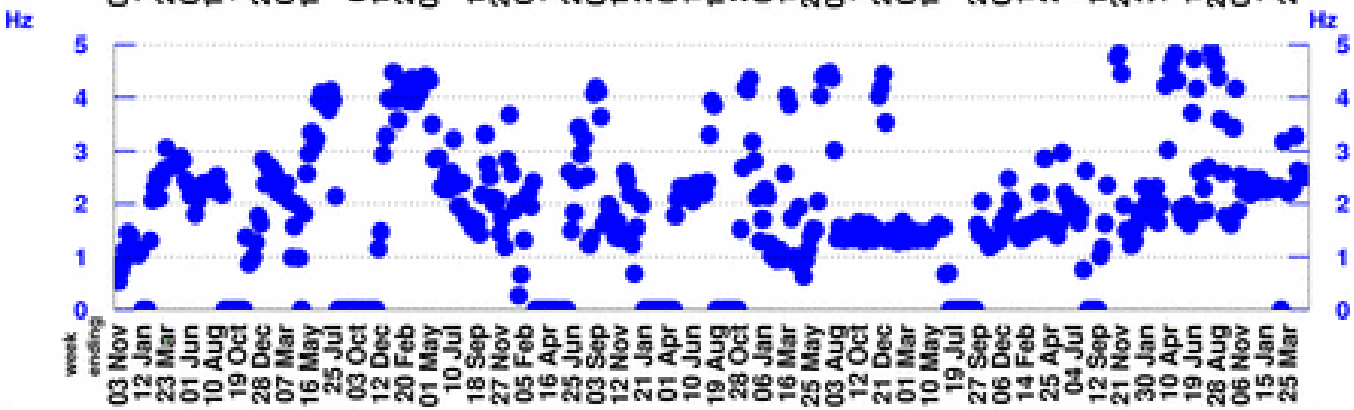
04/16/12 - 04/22/12



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.41 E12

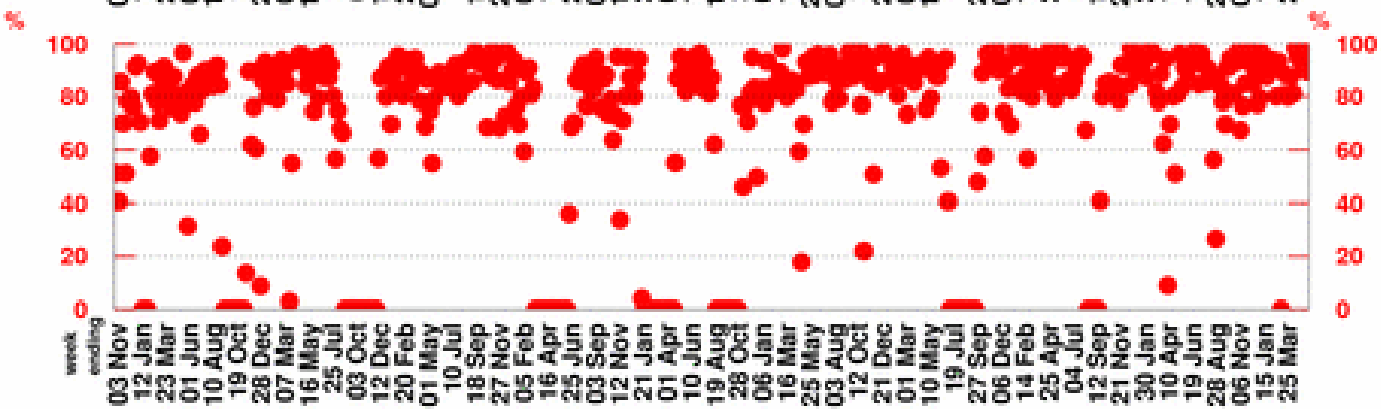


Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 2.58 Hz



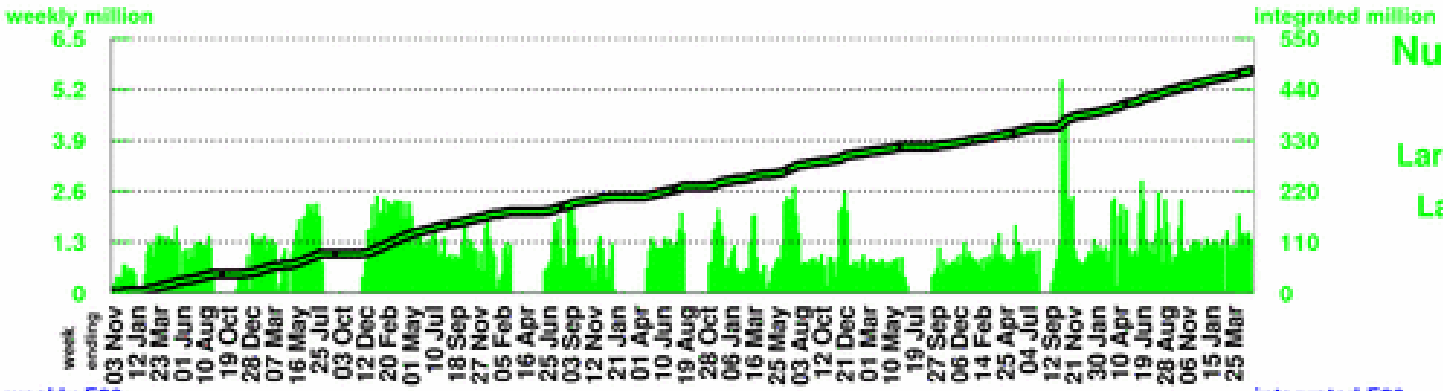
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.9 %

Latest week: 89.6 %

04/16/12 - 04/22/12

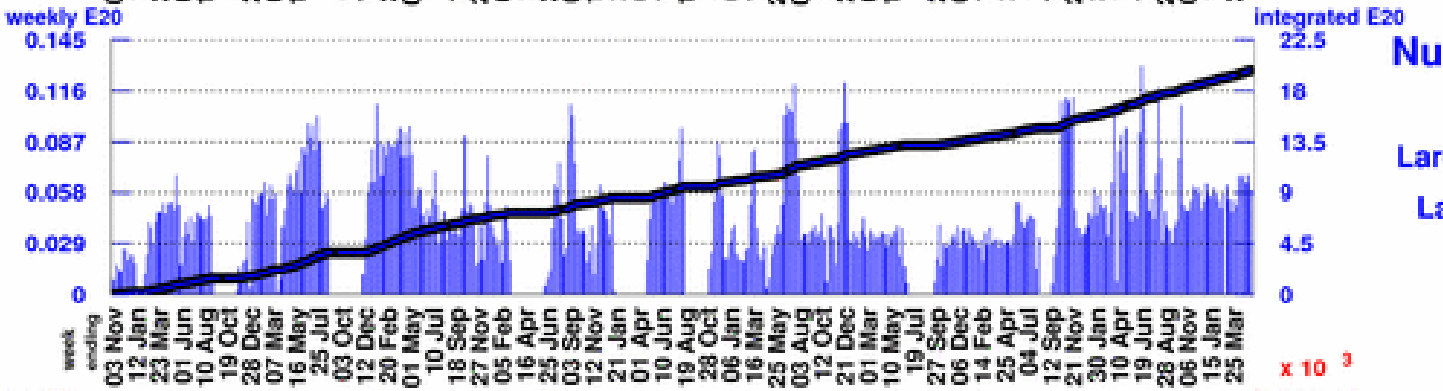


Number of Horn Pulses

To date: 481.76 million

Largest week: 5.41 million

Latest week: 1.34 million

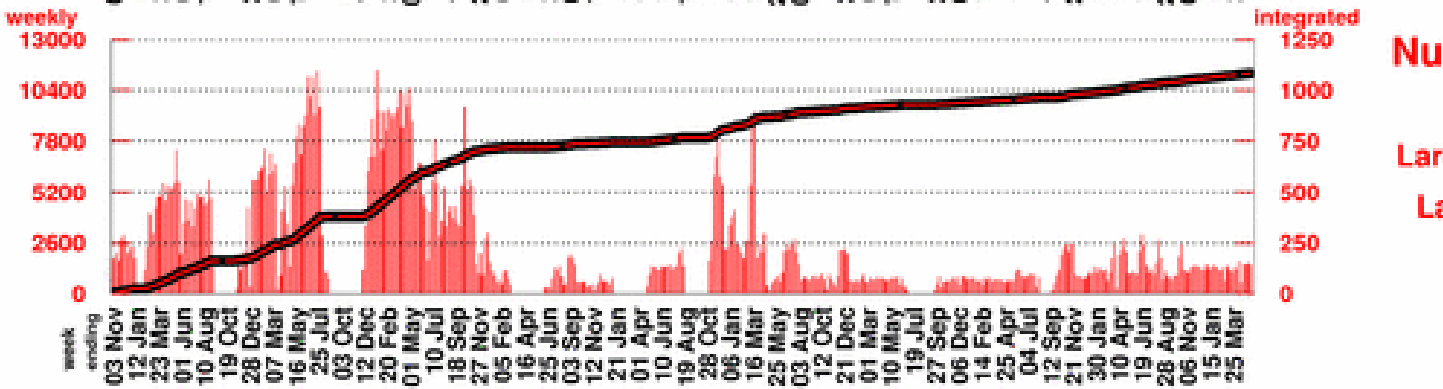


Number of Protons on Target

To date: 19.803 E20

Largest week: 0.13 E20

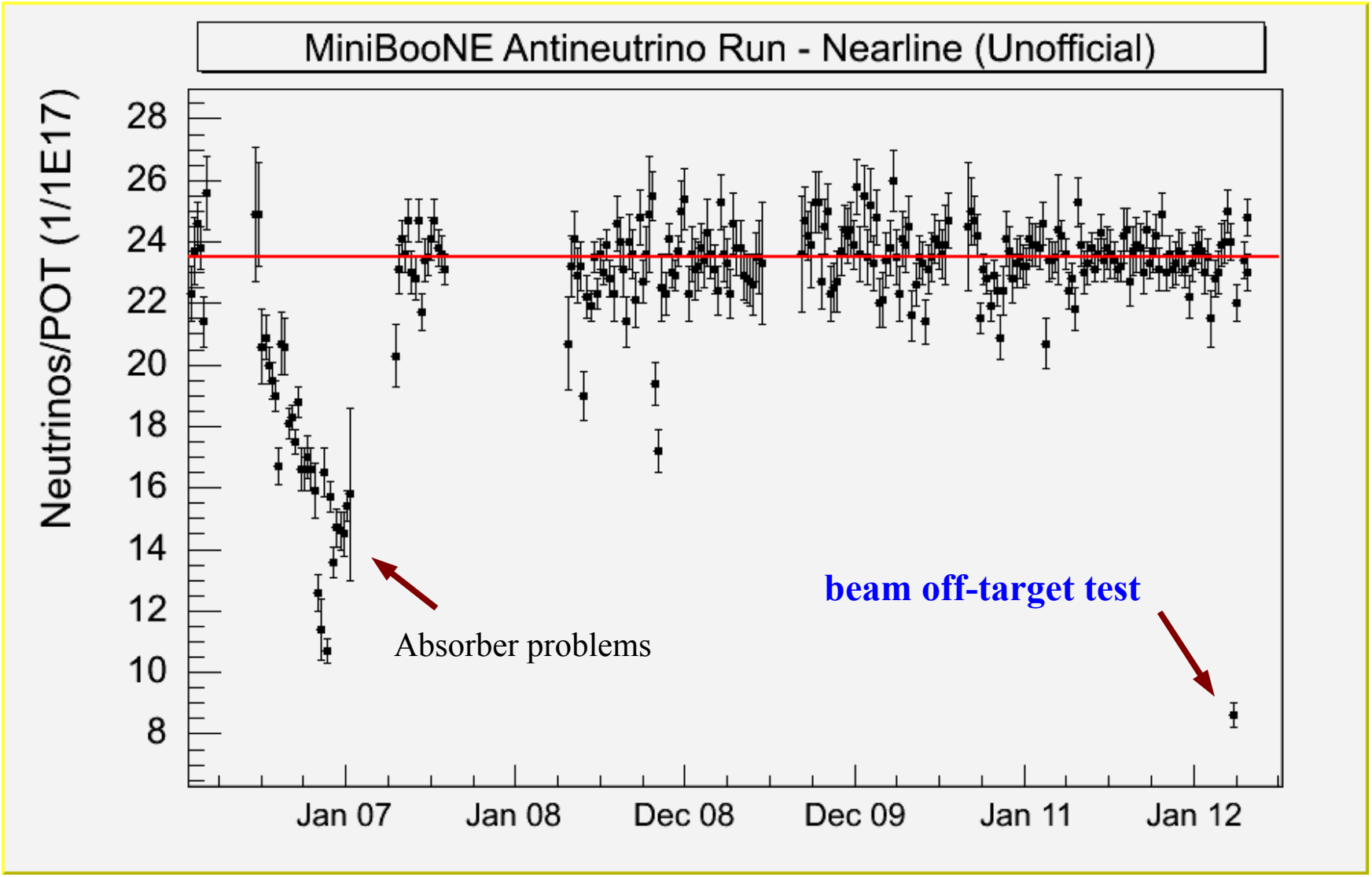
Latest week: 0.0591 E20



Number of Neutrino Events

To date1084771

Largest week: 11447

Latest week: 1468

AntiNeutrinos/POT unofficial