MiniBooNE Report

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LANL
for the MiniBooNE Collaboration

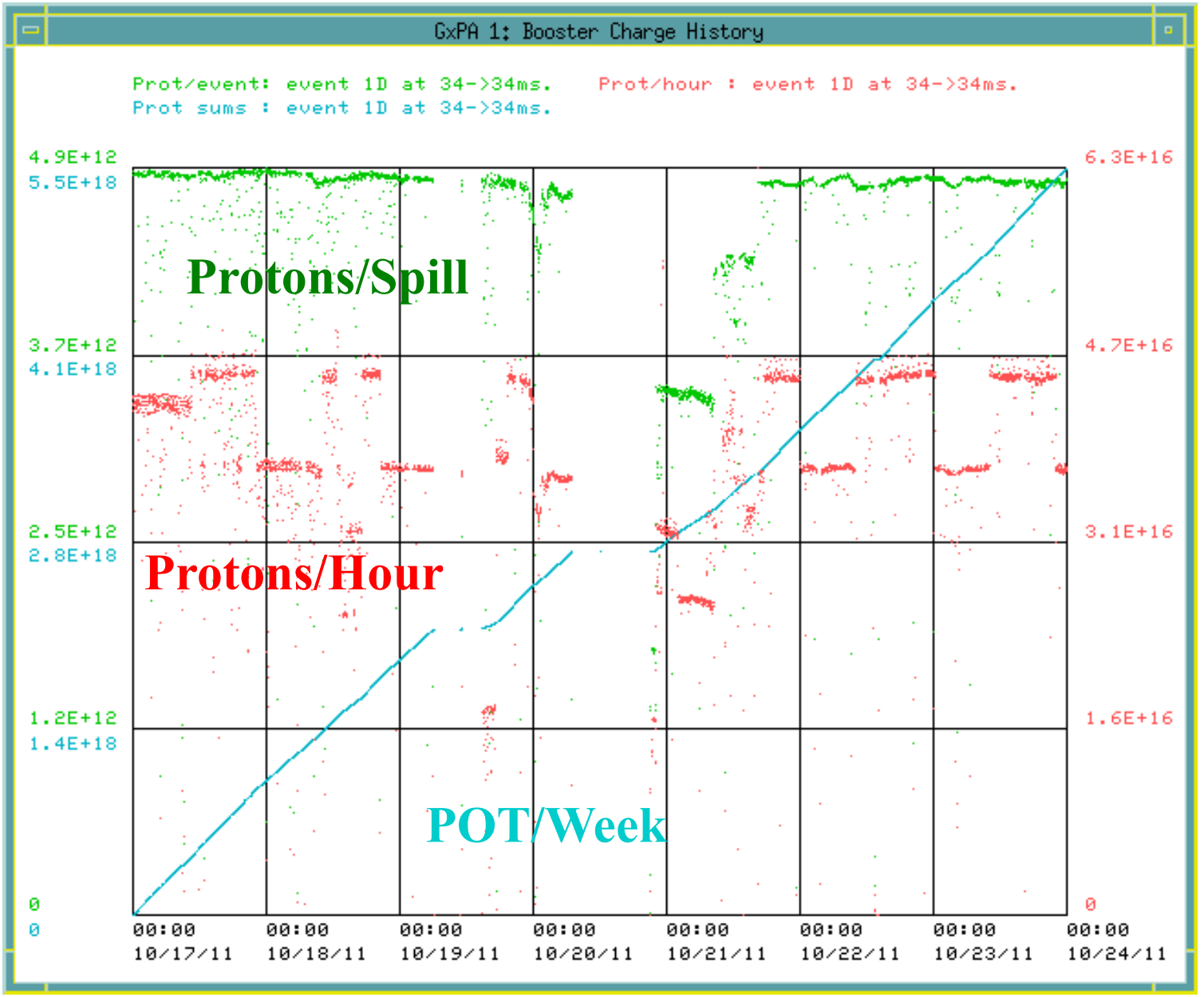
24 October 2011

Beam summary 10/17/11 - 10/23/11

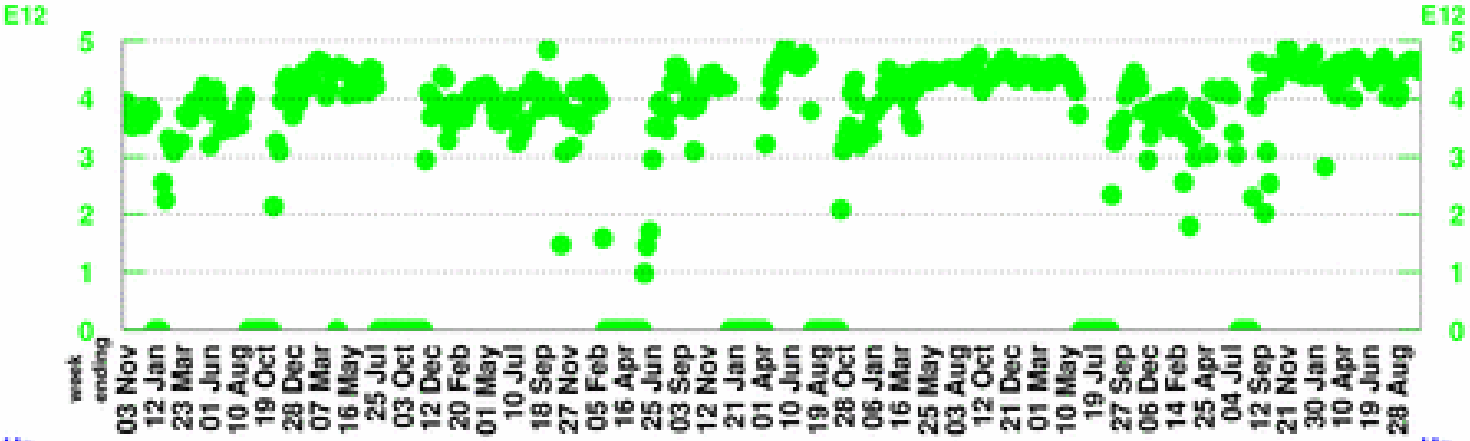
- Beam downtime:

  - 19 Oct: 9 hrs, MI12 access (horn), and LINAC problems

  -20 Oct: 15 hrs, MI access



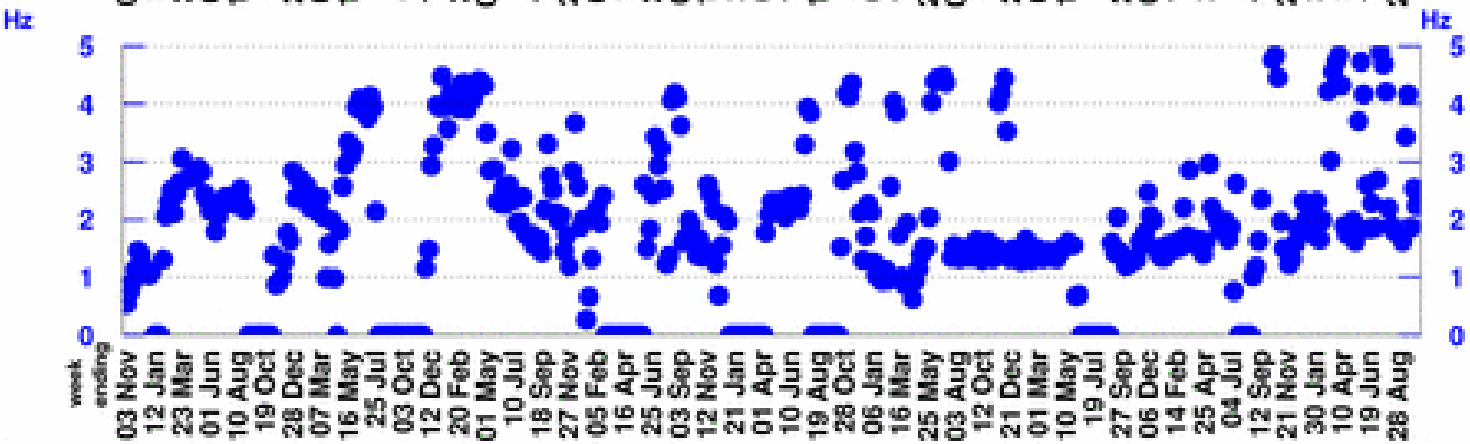
10/17/11 - 10/23/11



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.5 E12

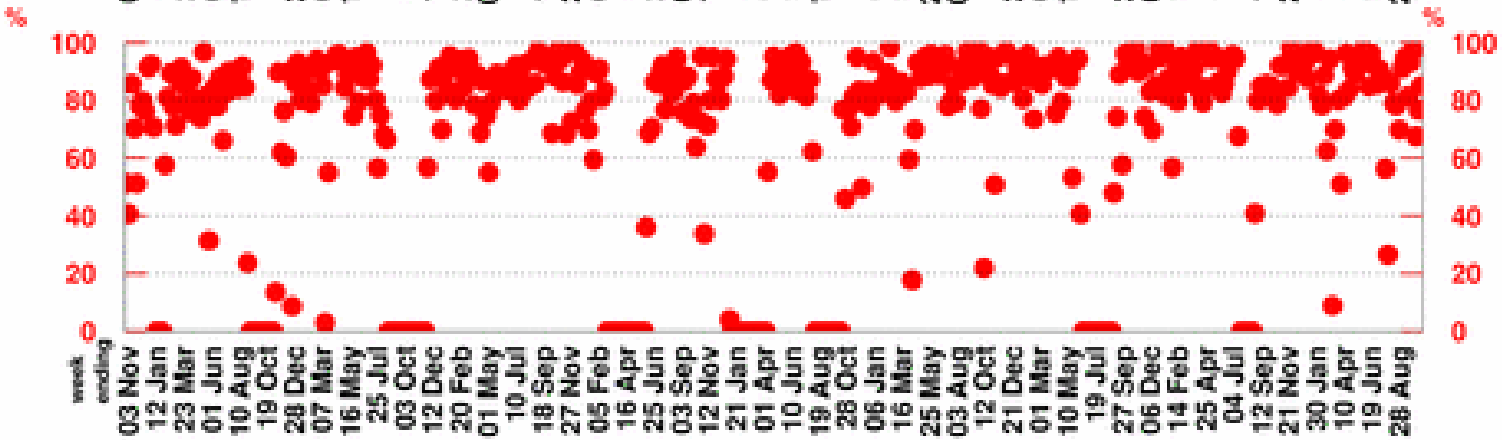


Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 2.3 Hz



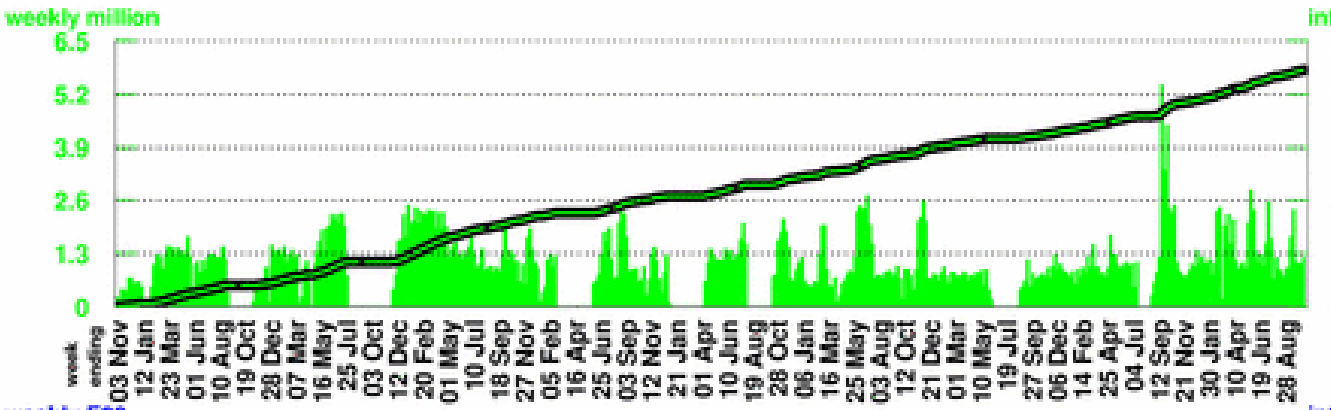
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.9 %

Latest week: 85 %

10/17/11 - 10/23/11

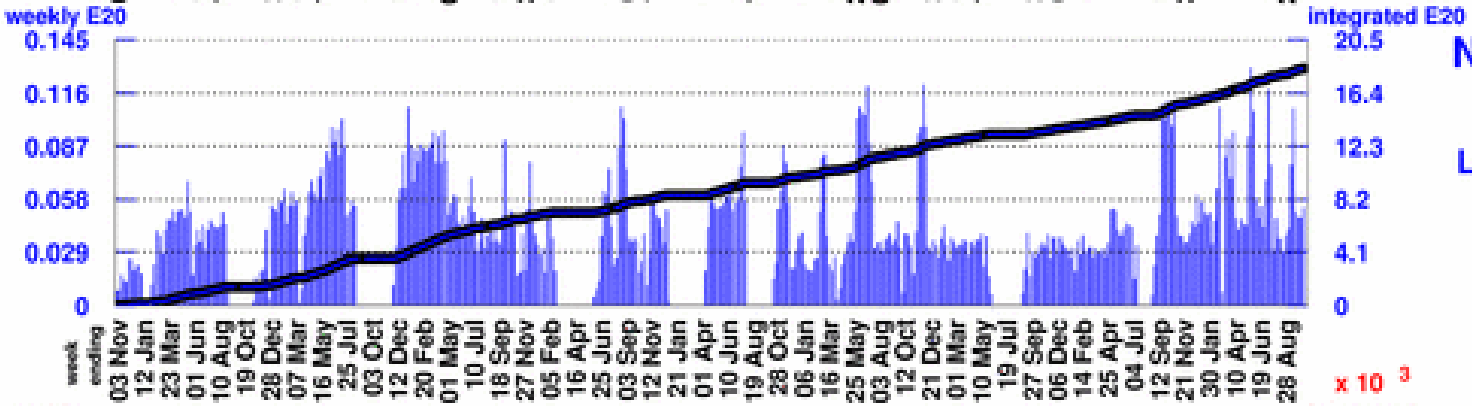


Number of Horn Pulses

To date: 446.4 million

Largest week: 5.41 million

Latest week: 1.19 million

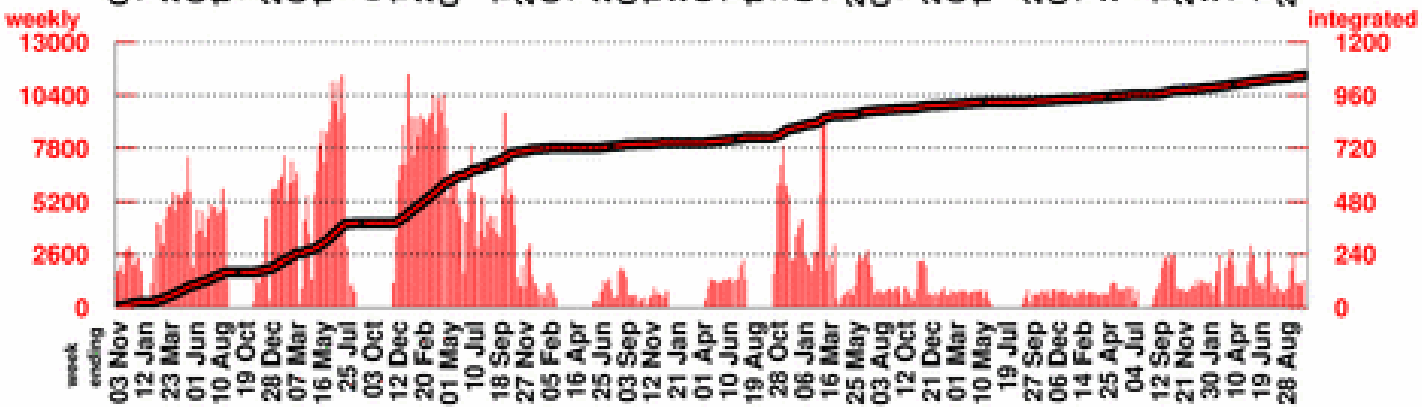


Number of Protons on Target

To date: 18.347 E20

Largest week: 0.13 E20

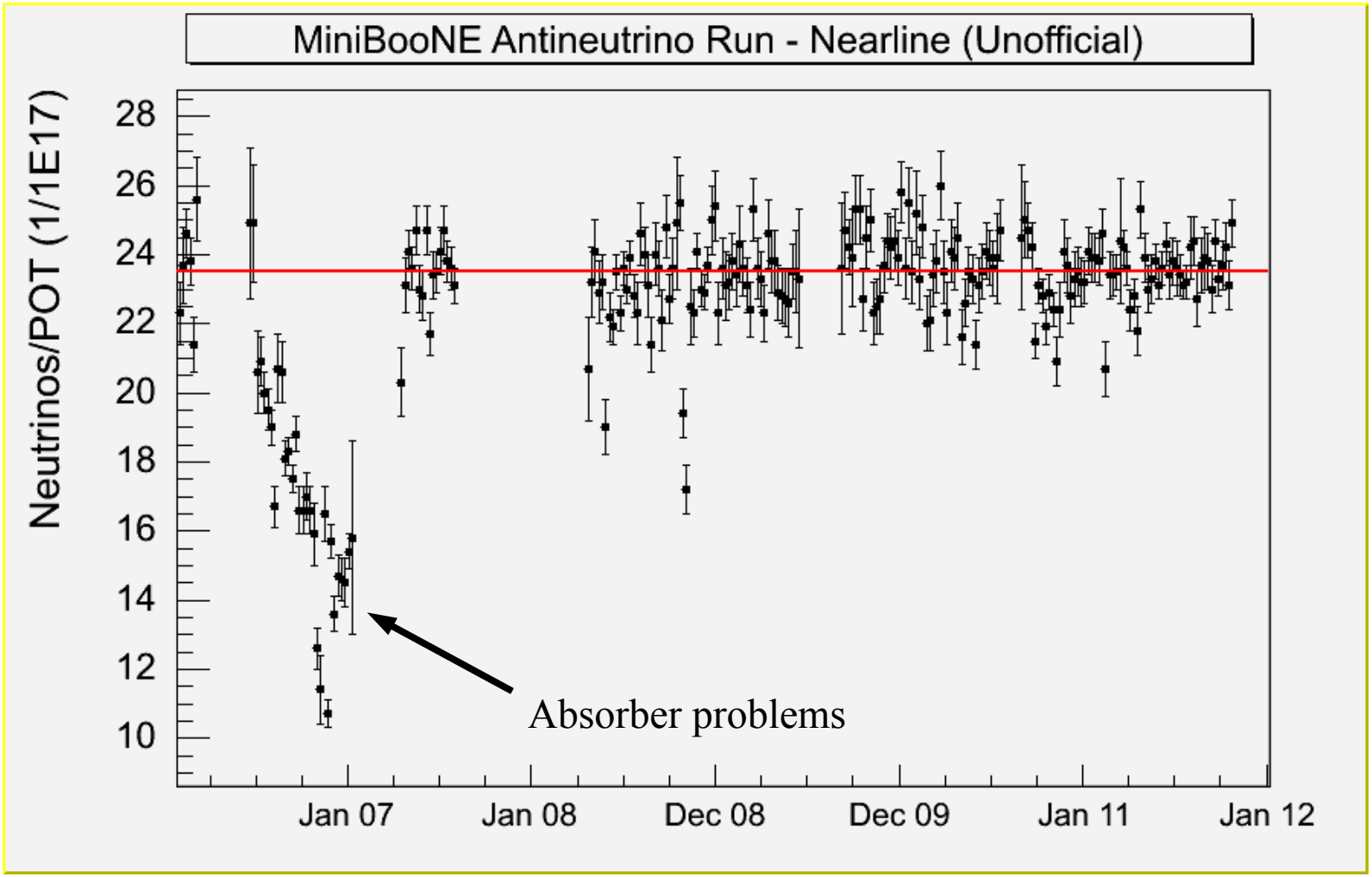
Latest week: 0.0533 E20



Number of Neutrino Events

To date1050796

Largest week: 11447

Latest week: 1325

AntiNeutrinos/POT unofficial