MiniBooNE Report

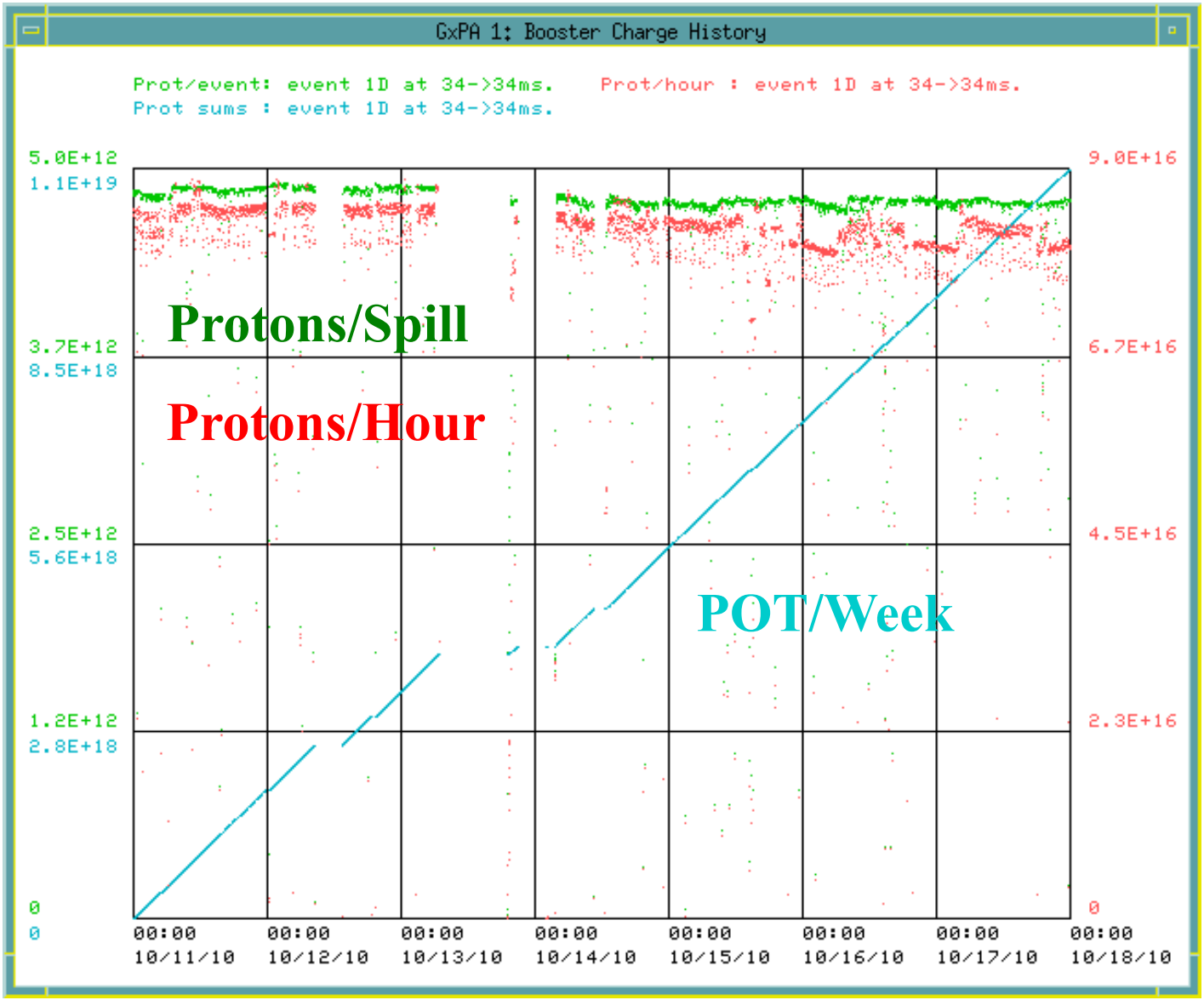
Warren Huelsnitz
Los Alamos National Laboratory
for the MiniBooNE collaboration

18 October 2010

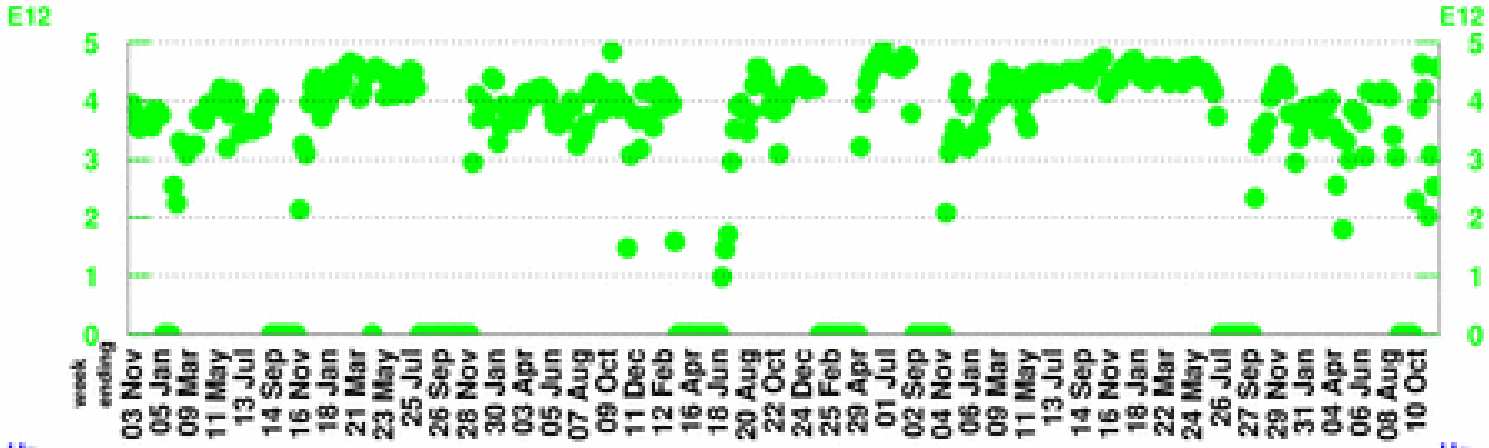
Beam summary 10/10/10 - 10/17/10

Beam downtime:

- 12 Oct (5 hrs)
  - RAW system checks
- 13 Oct (15 hrs)
  - Booster Access
  - MBEX vacuum leak
  - LINAC problems
- 14 Oct (6 hrs)
  - LINAC problems
  - F-sector access



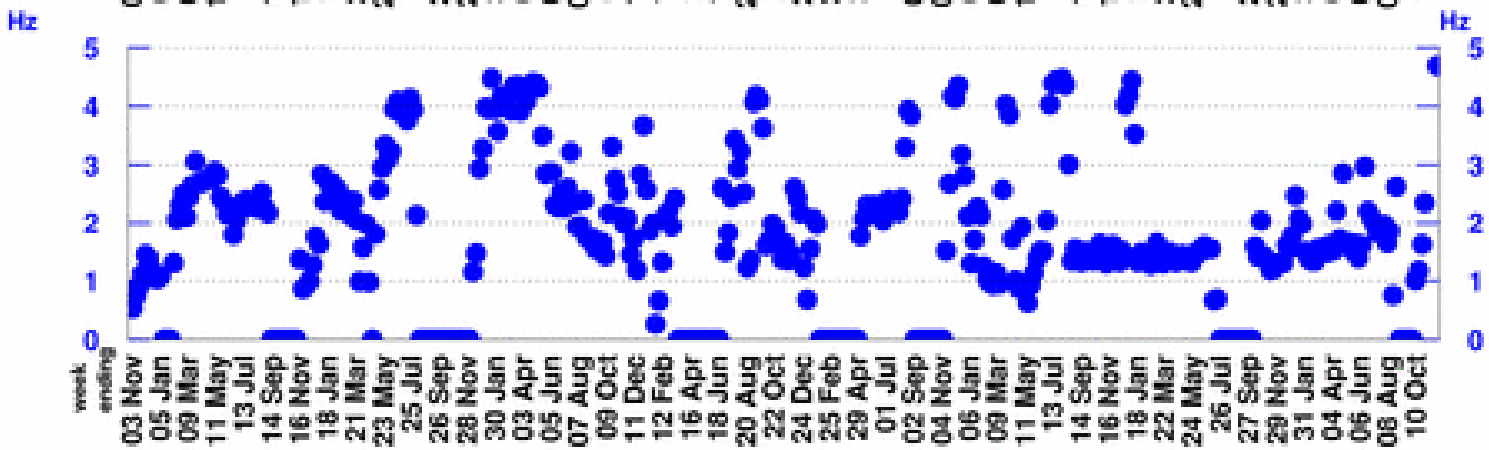
10/10/10 - 10/17/10



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.57 E12

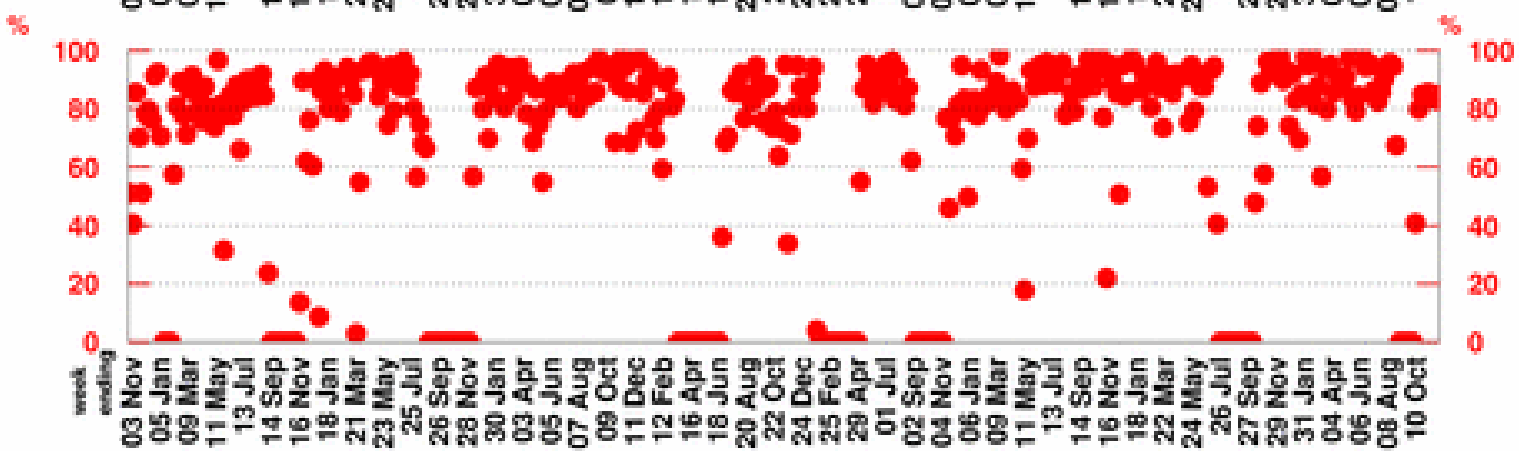


Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 4.7 Hz



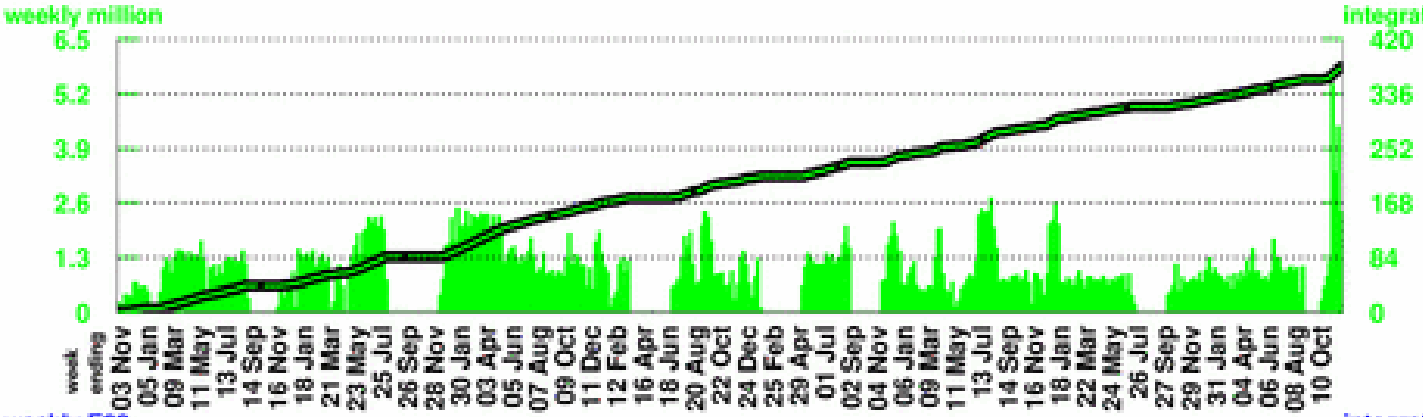
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.9 %

Latest week: 82.9 %

10/10/10 - 10/17/10

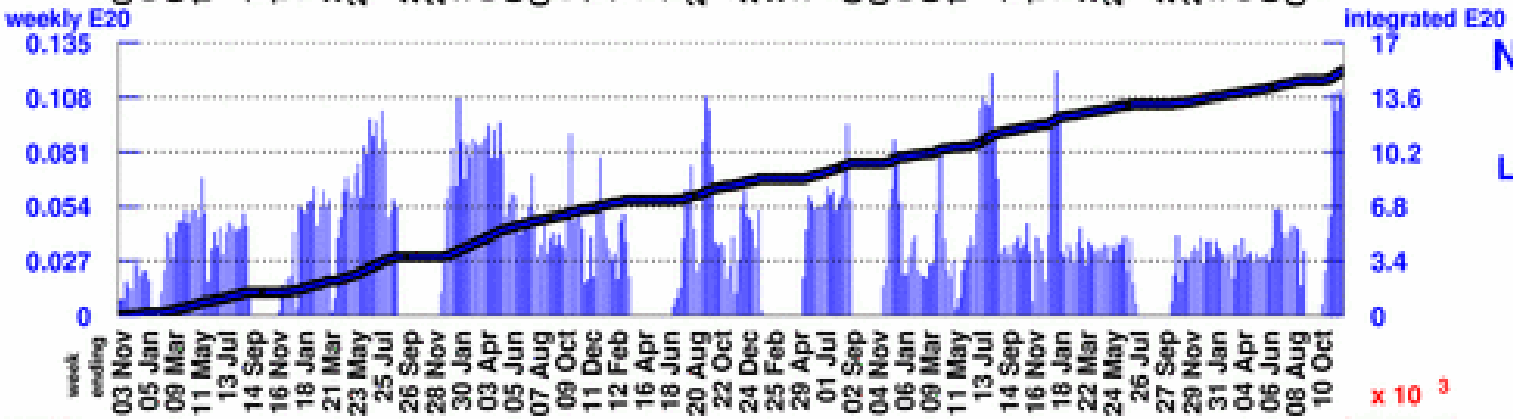


Number of Horn Pulses

To date: 376.29 million

Largest week: 5.41 million

Latest week: 2.37 million

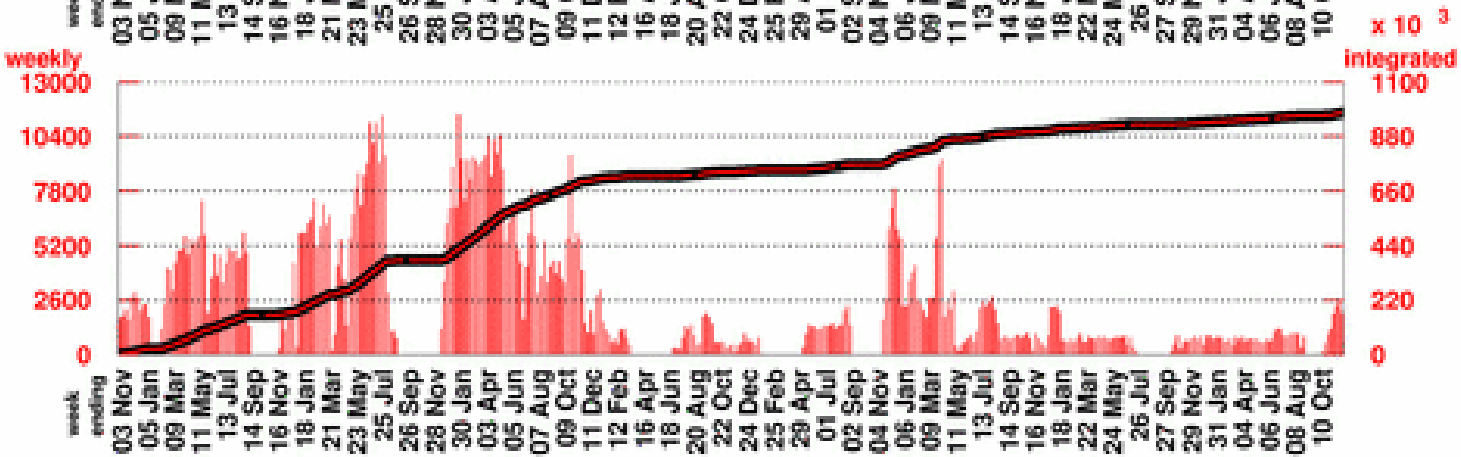


Number of Protons on Target

To date: 15.24 E20

Largest week: 0.1208 E20

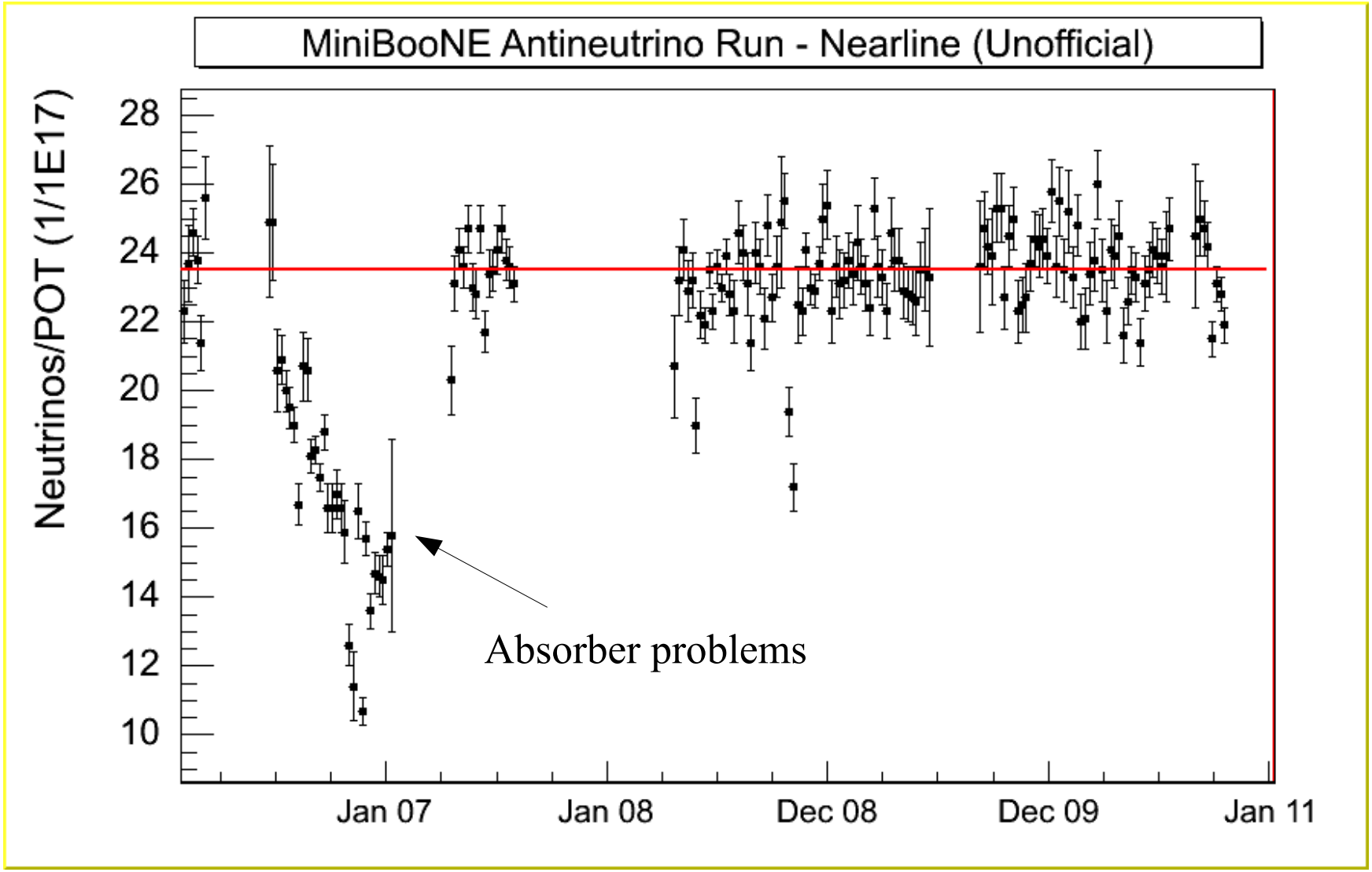
Latest week: 0.1085 E20



Number of Neutrino Events

To date:975988

Largest week: 11447

Latest week: 2022

AntiNeutrinos/POT unofficial