MiniBooNE Report

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for the MiniBooNE collaboration

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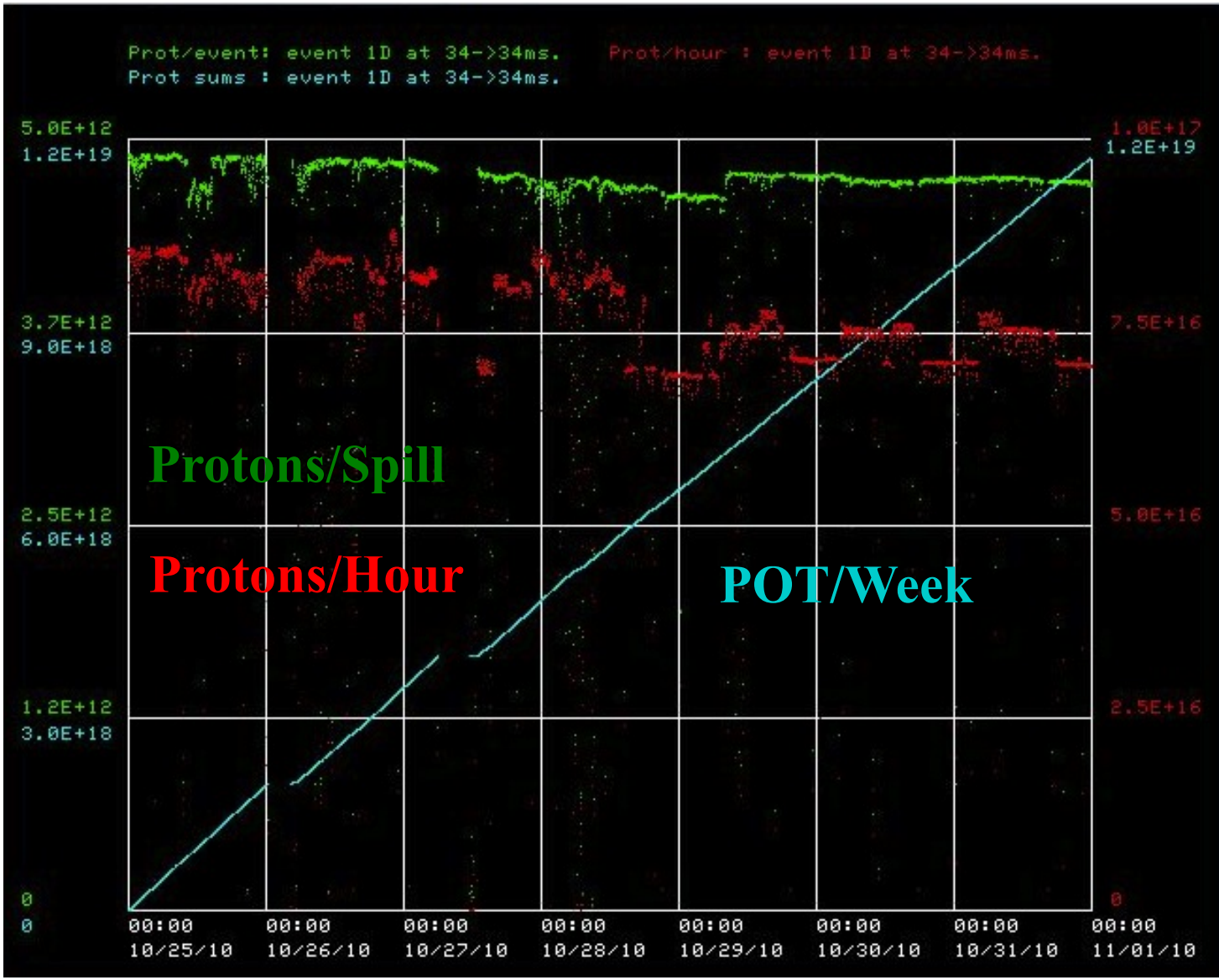
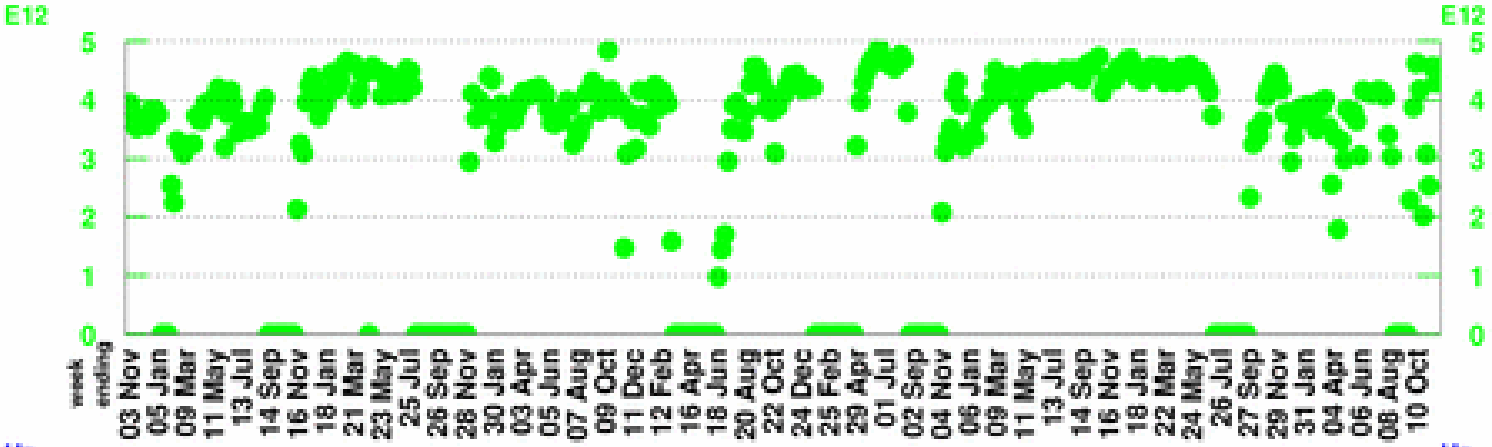
Beam summary 10/25/10 - 10/31/10

- Beam downtime:
  - LINAC (LRF1 repair)
    - ~5 hrs (10/26)
  - Booster access and M/B horn checks
    - ~6 hrs (10/27)
    - Placed cooling lines 2,5 on-service, isolated 1,6



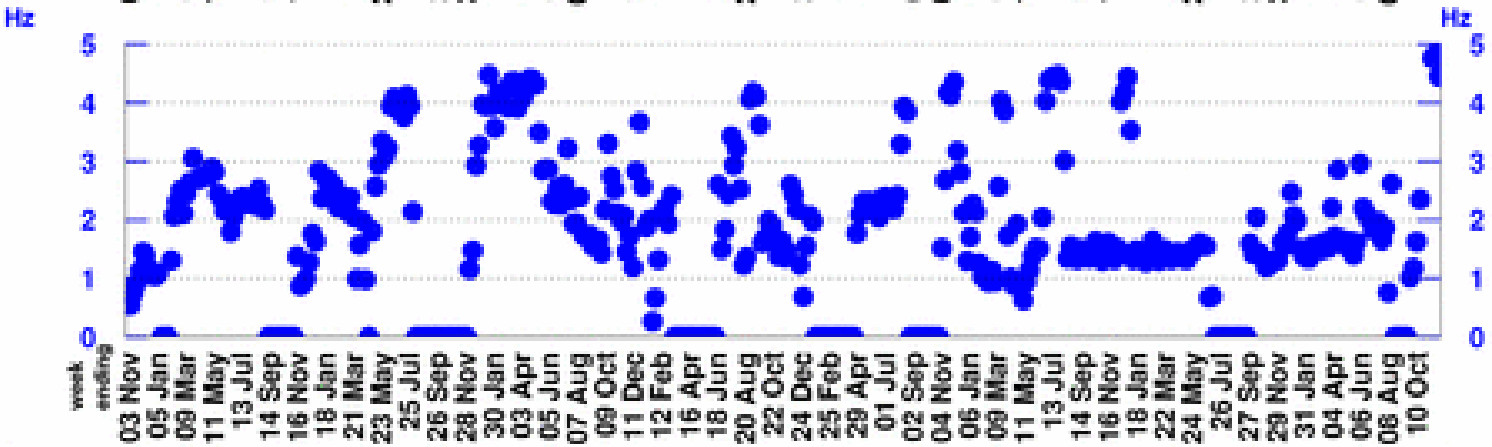
10/25/10 - 10/31/10



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.56 E12

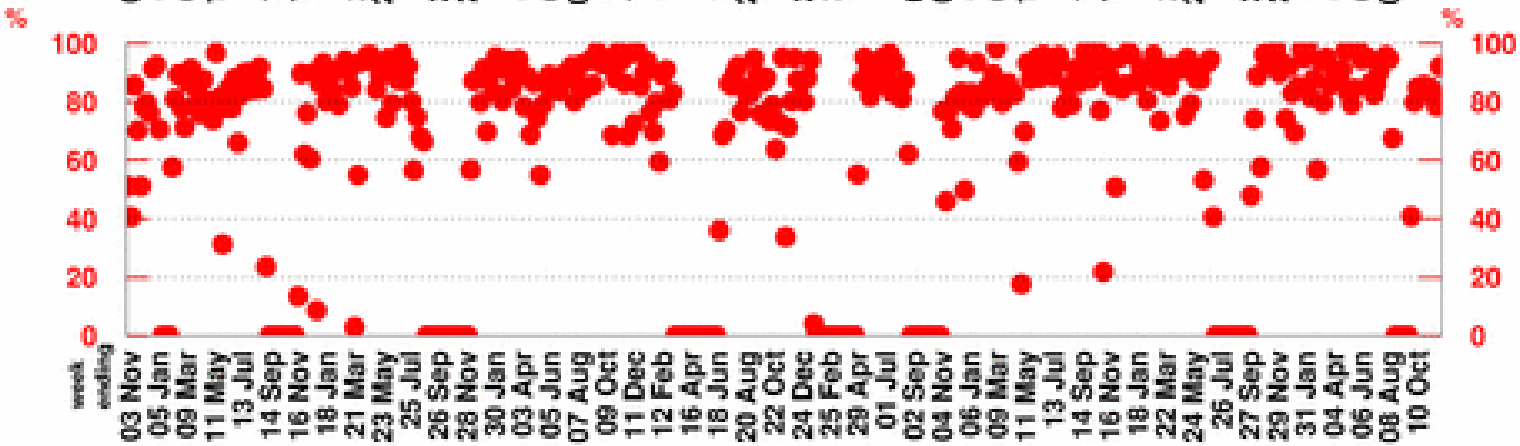


Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 4.45 Hz



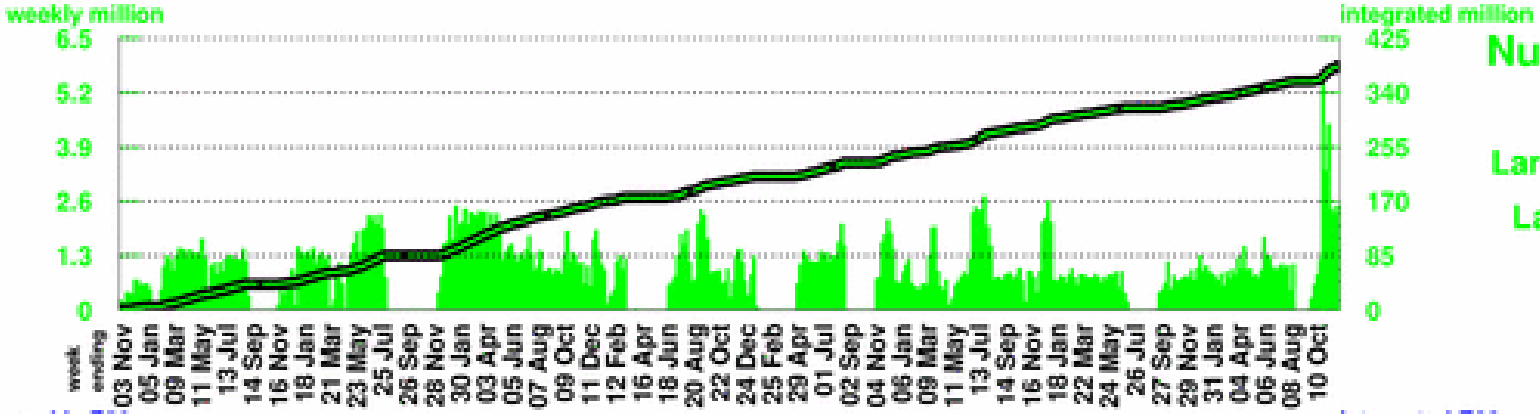
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.9 %

Latest week: 92 %

10/25/10 - 10/31/10

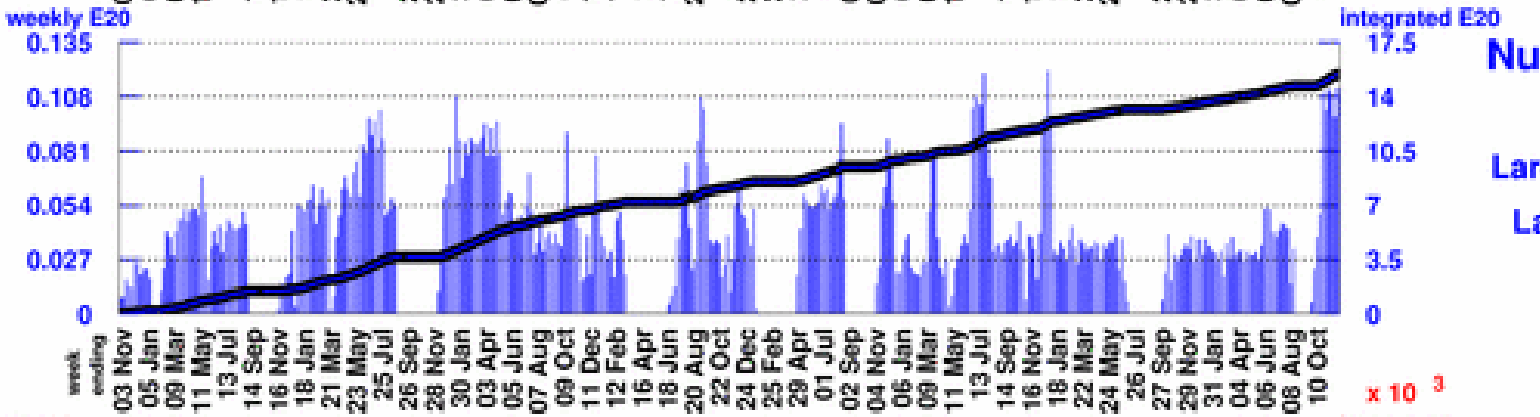


Number of Horn Pulses

To date: 381.06 million

Largest week: 5.41 million

Latest week: 2.46 million

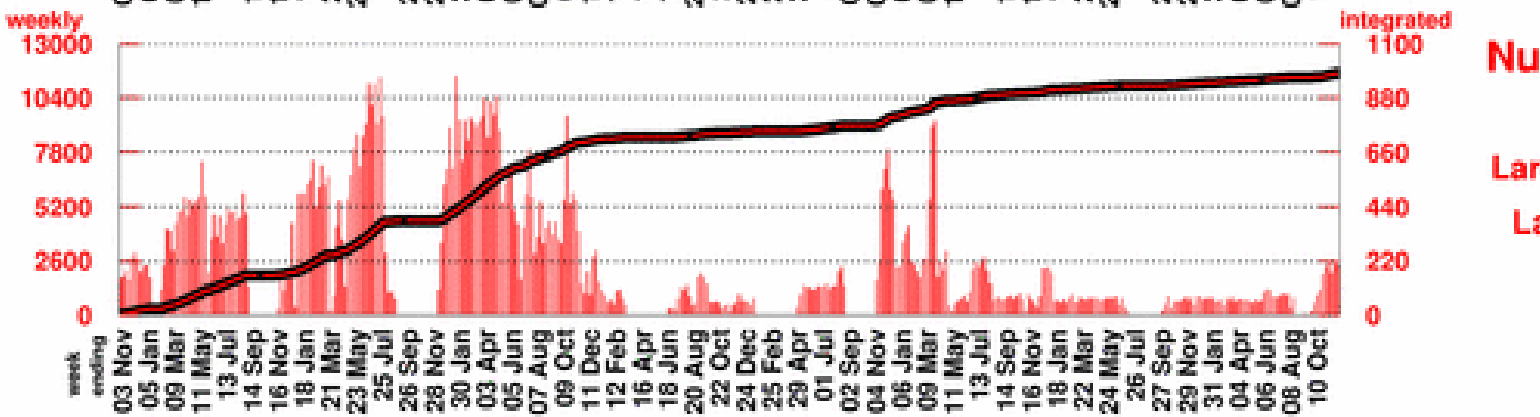


Number of Protons on Target

To date: 15.4514 E20

Largest week: 0.1208 E20

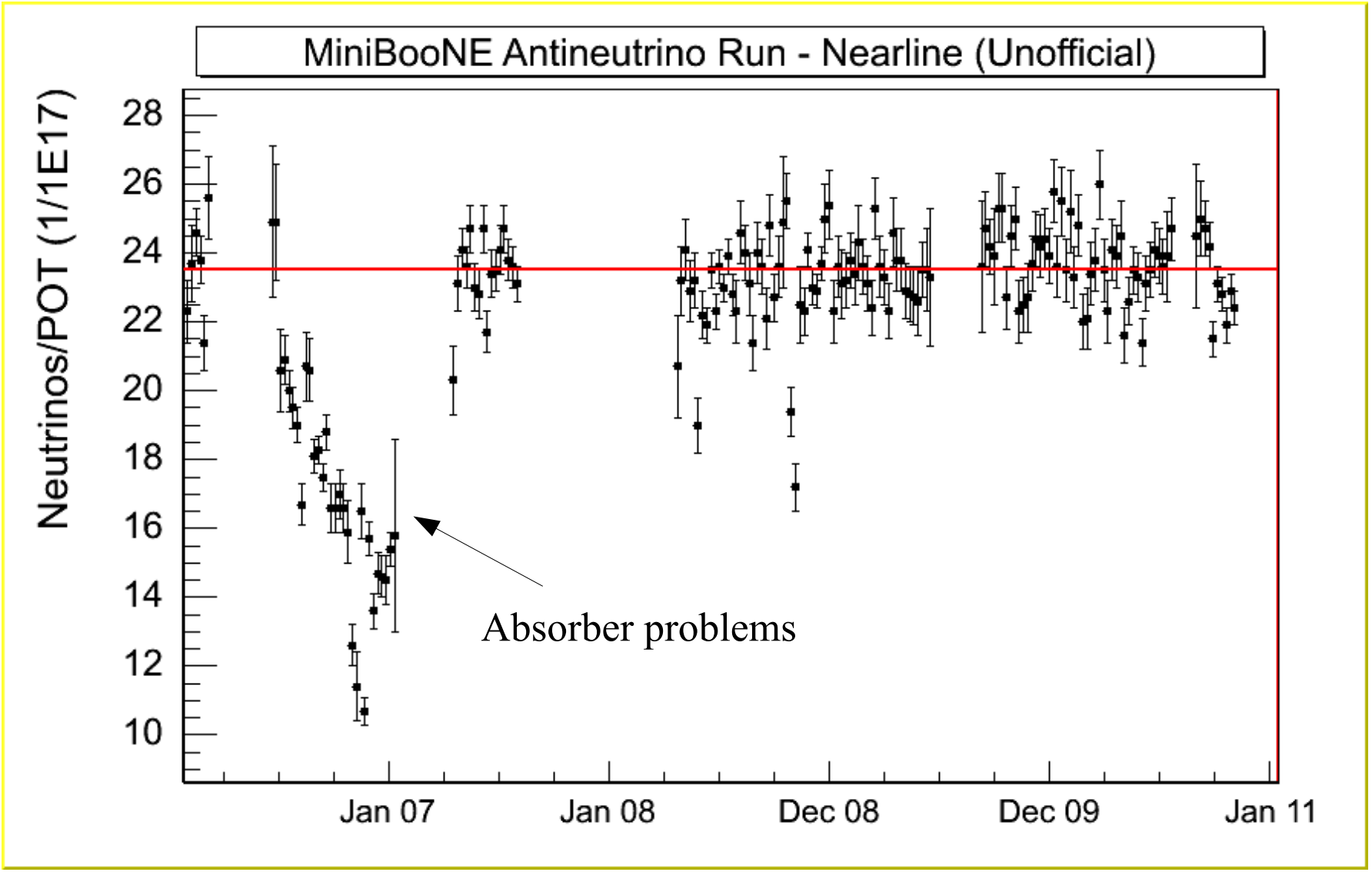
Latest week: 0.1121 E20



Number of Neutrino Events

To date: 980993

Largest week: 11447

Latest week: 2419

AntiNeutrinos/POT unofficial