MiniBooNE Report

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LANL
for the MiniBooNE Collaboration

18 July 2011

Beam summary 07/11/11 - 07/17/11

- Beam downtime:

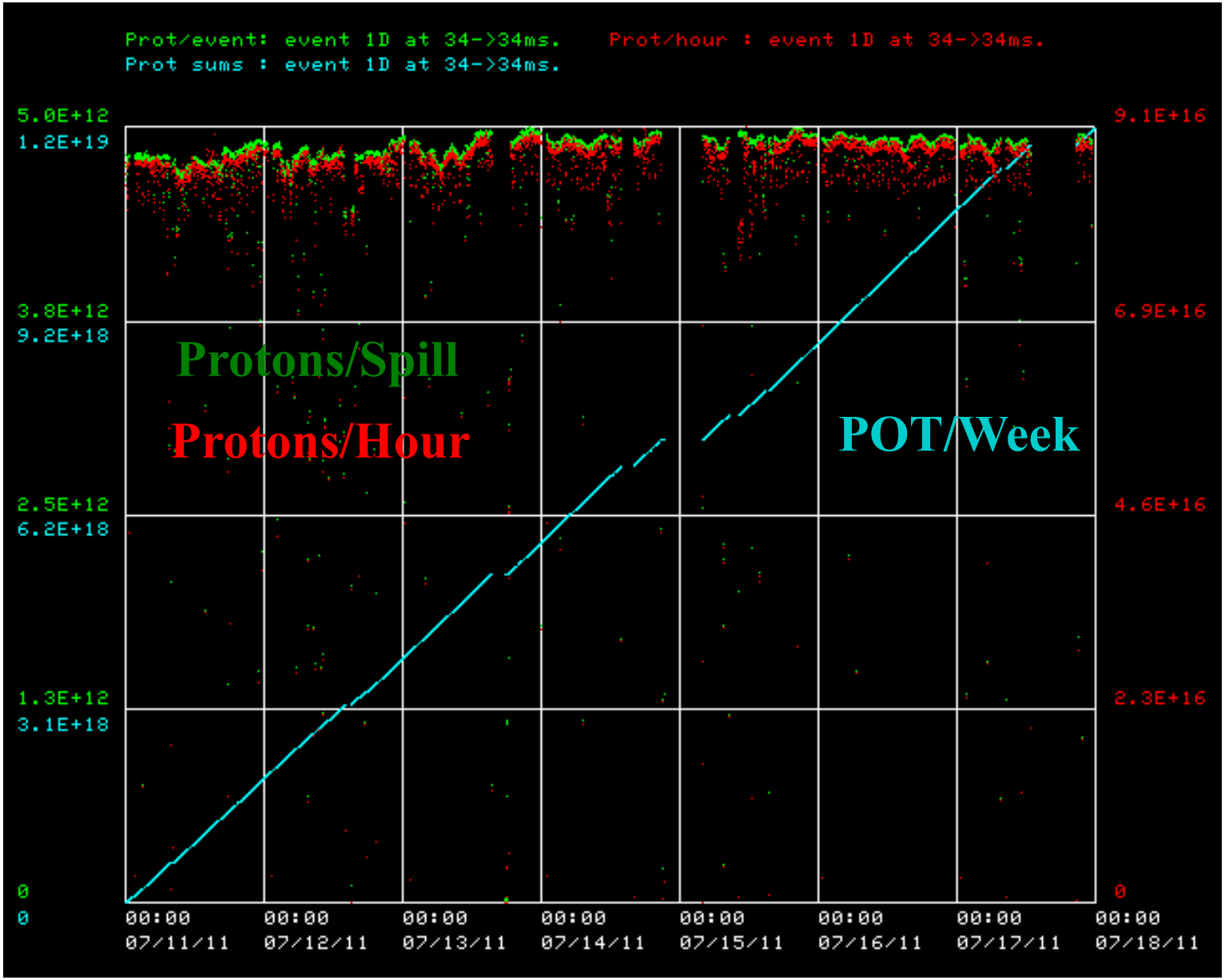
  - 13 July: 3hrs, Booster RF work

  - 14 July: 2 hrs, MI12 access

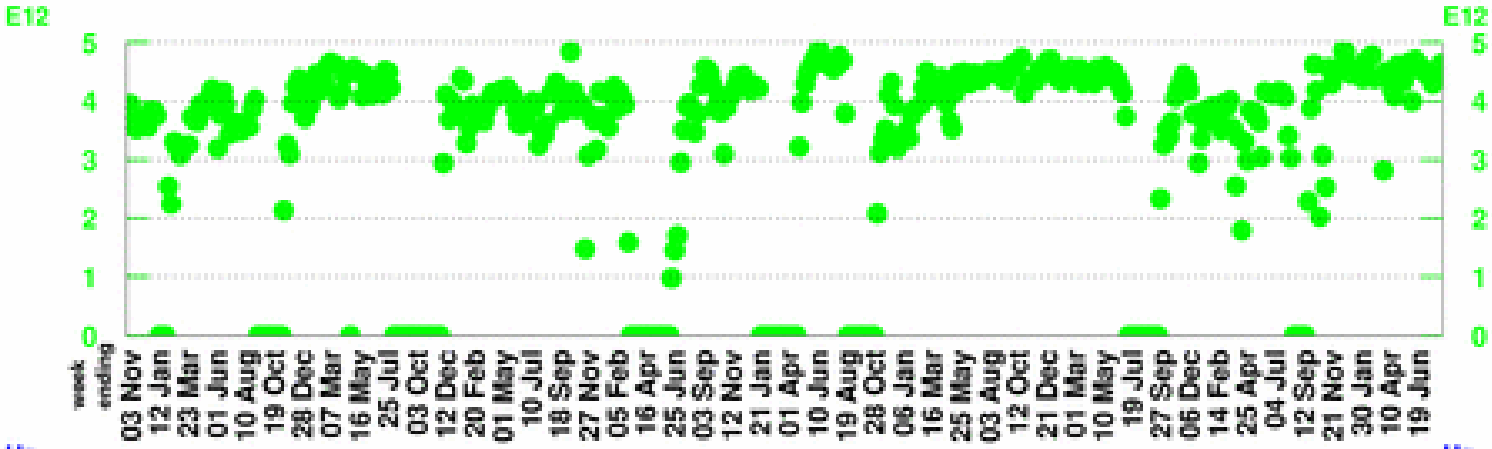
  - 14-15 July: 7.5 hrs, Linac LCW water leak

  - 15 July: 1.5 hrs, MI12 access

  - 17 July: 8 hrs, MI12 high temp



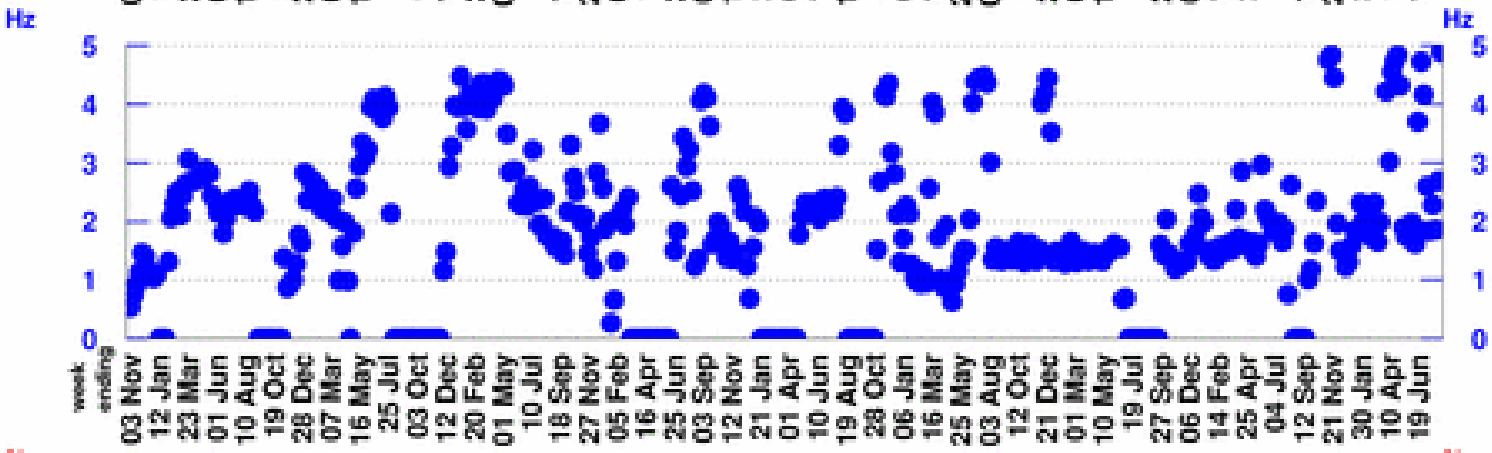
07/11/11 - 07/17/11



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.64 E12

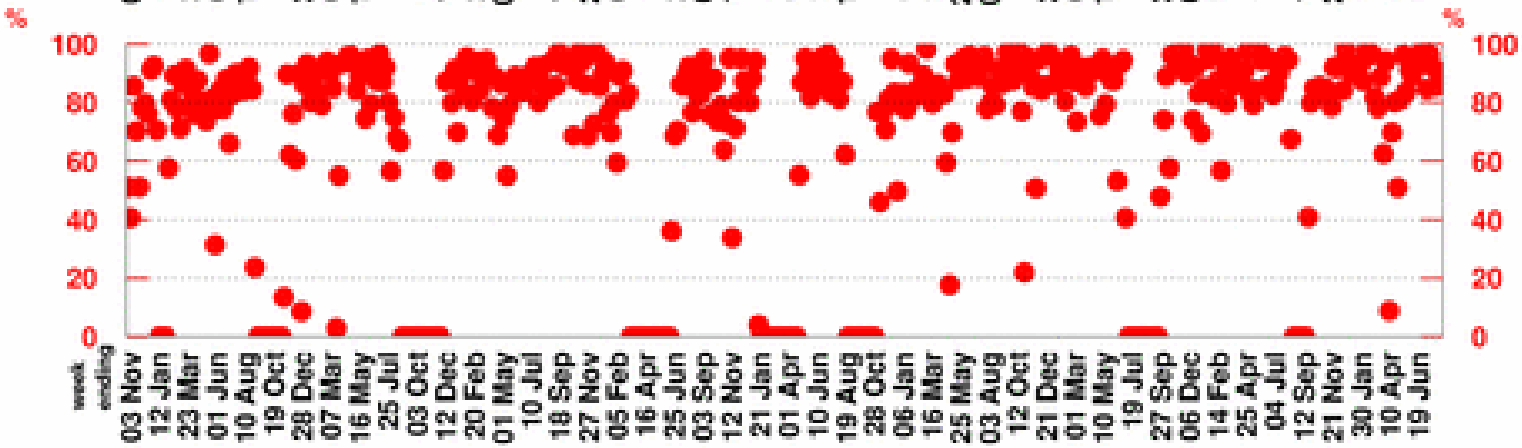


Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 4.89 Hz



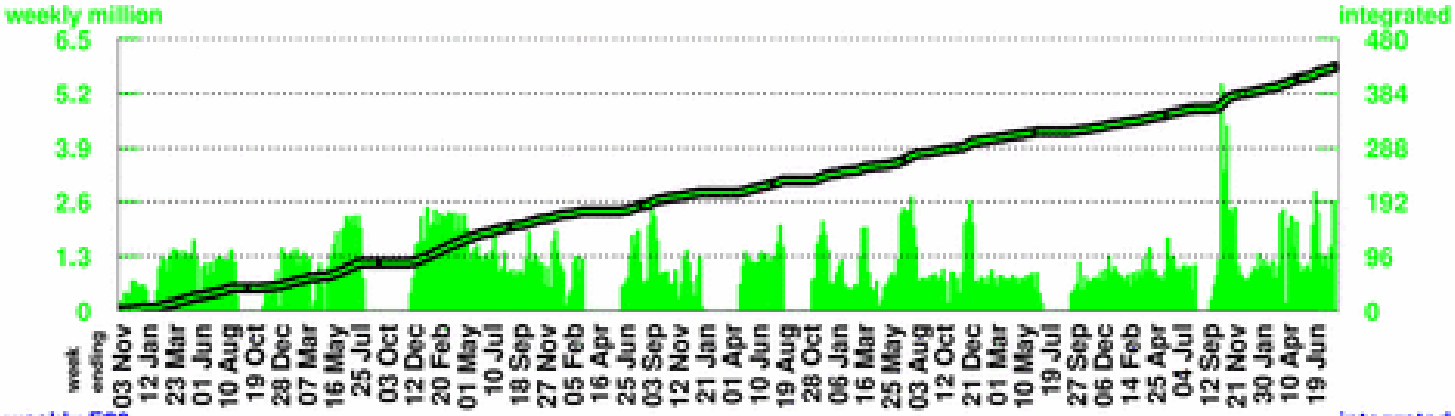
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.9 %

Latest week: 88.4 %

07/11/11 - 07/17/11

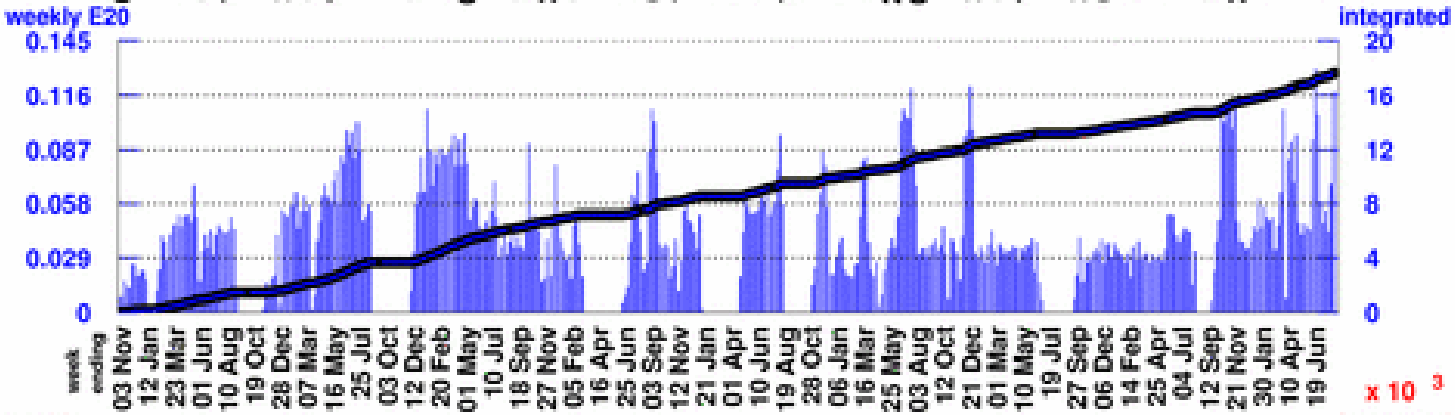


Number of Horn Pulses

To date: 430.23 million

Largest week: 5.41 million

Latest week: 2.54 million

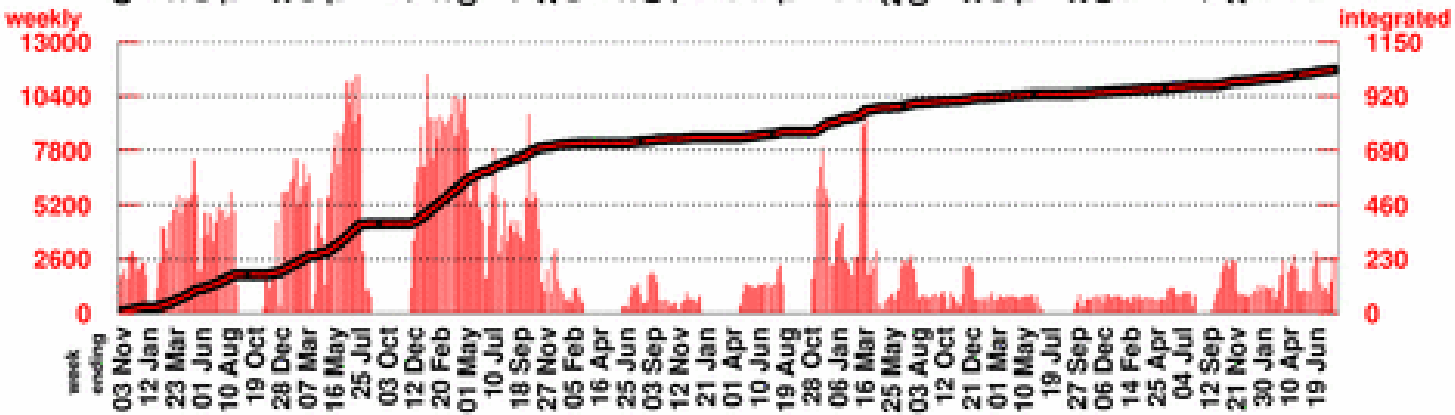


Number of Protons on Target

To date:17.6248 E20

Largest week: 0.13 E20

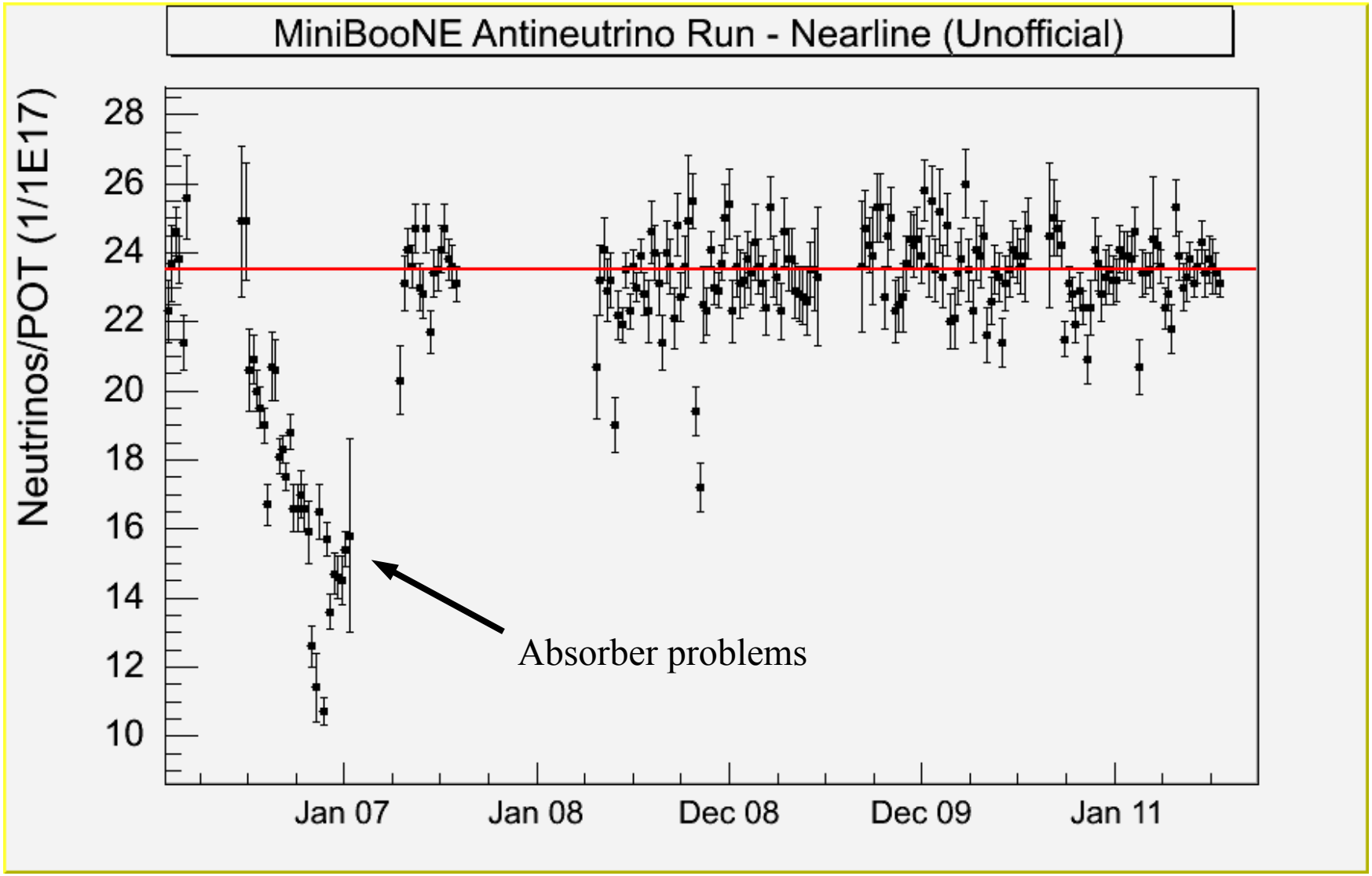
Latest week: 0.1181 E20



Number of Neutrino Events

To date1033594

Largest week: 11447

Latest week: 2731

AntiNeutrinos/POT unofficial