MiniBooNE Report

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for the MiniBooNE collaboration

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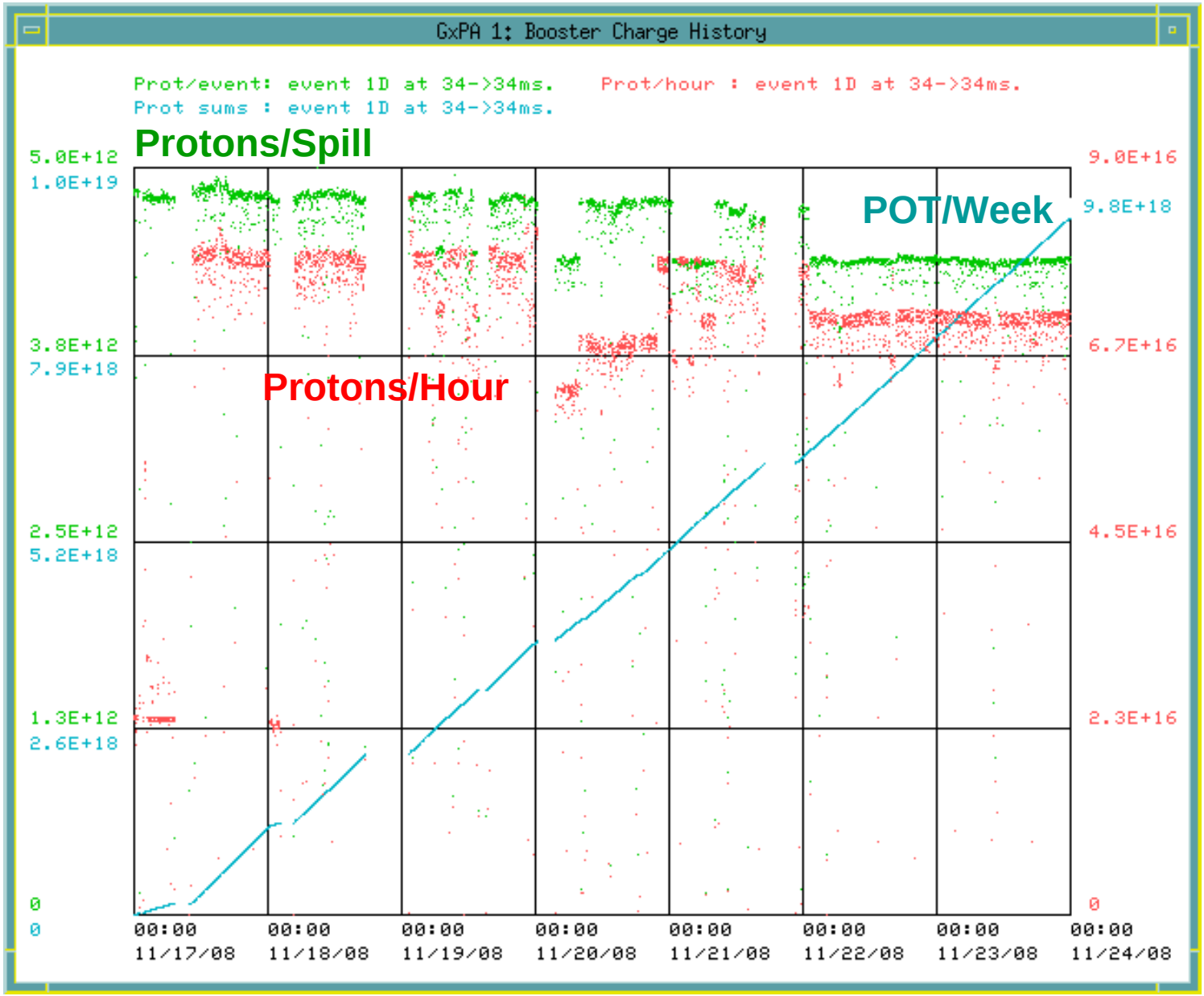
Week Summary 17 Nov – 24 Nov
9.36E18 POT, 84.3% Uptime

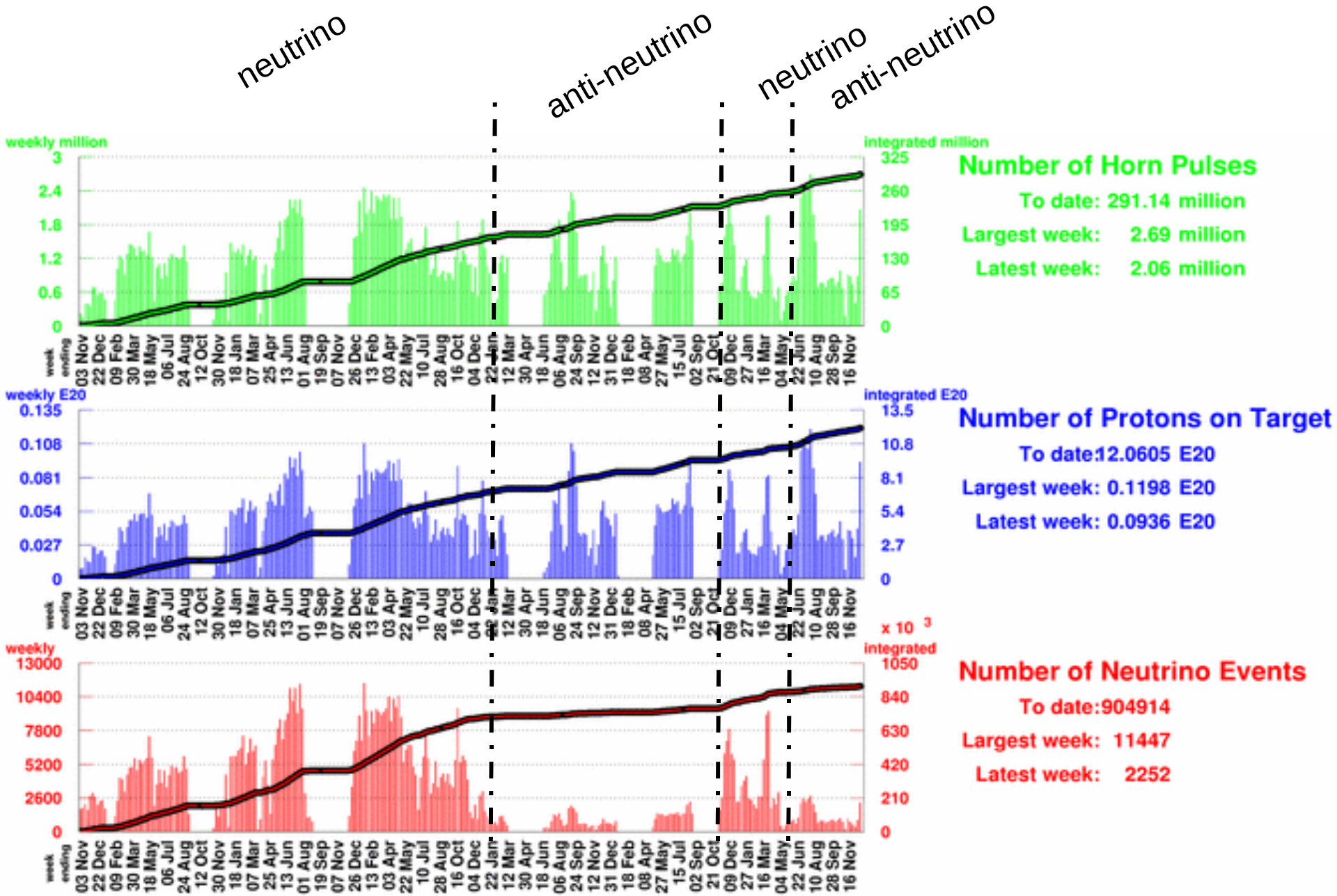
- Major downtimes:
  - 3hr, Linac problems (11/17)
  - 2hr, MI problems (11/18)
  - 7hr, RAW pump for horn (11/18)
  - 1hr, pbar transport access (11/19)
  - 3hr, Linac ICW leak repair (11/20)
  - 5hr, MI access, MTA beam test (11/21)

- Replaced RAW pump
  - Big thanks to Hiep Le and his group

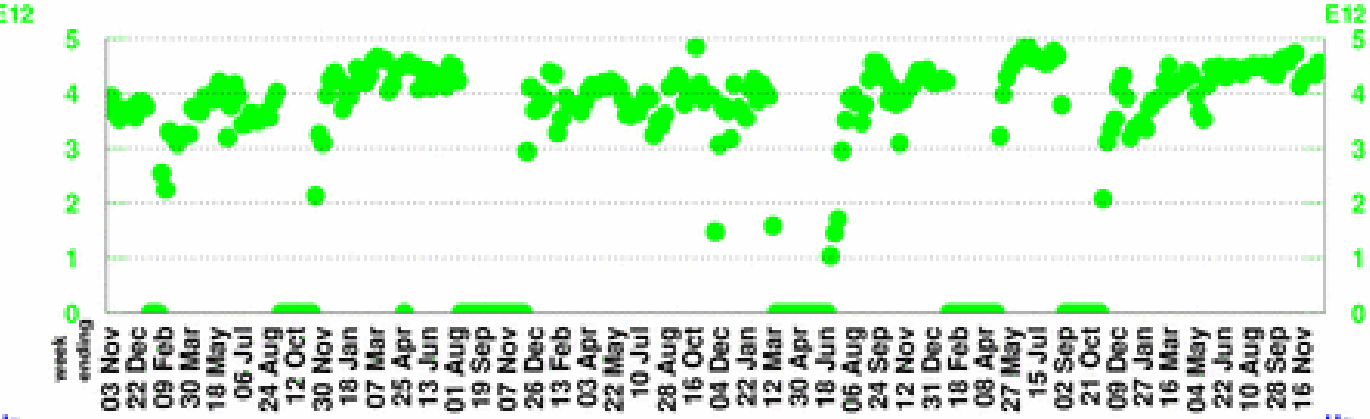
POT summary


GxPA 1: Booster Charge History
Prot/event: event 1D at 34->34ms.
Prot/hour : event 1D at 34->34ms.
Prot sums : event 1D at 34->34ms.
Protons/Spill
Protons/Hour
POT/Week
5.0E+12
1.0E+19
3.8E+12
7.9E+18
2.5E+12
5.2E+18
1.3E+12
2.6E+18
0
0
9.0E+16
9.8E+18
6.7E+16
4.5E+16
2.3E+16
0
00:00 11/17/08
00:00 11/18/08
00:00 11/19/08
00:00 11/20/08
00:00 11/21/08
00:00 11/22/08
00:00 11/23/08
00:00 11/24/08

17 Nov – 24 Nov


neutrino
anti-neutrino
neutrino
anti-neutrino
weekly million
integrated million
Number of Horn Pulses
To date: 291.14 million
Largest week: 2.69 million
Latest week: 2.06 million
weekly E20
integrated E20
Number of Protons on Target
To date:12.0605 E20
Largest week: 0.1198 E20
Latest week: 0.0936 E20
weekly
x 10 3
integrated
Number of Neutrino Events
To date:904914
Largest week: 11447
Latest week: 2252
week ending

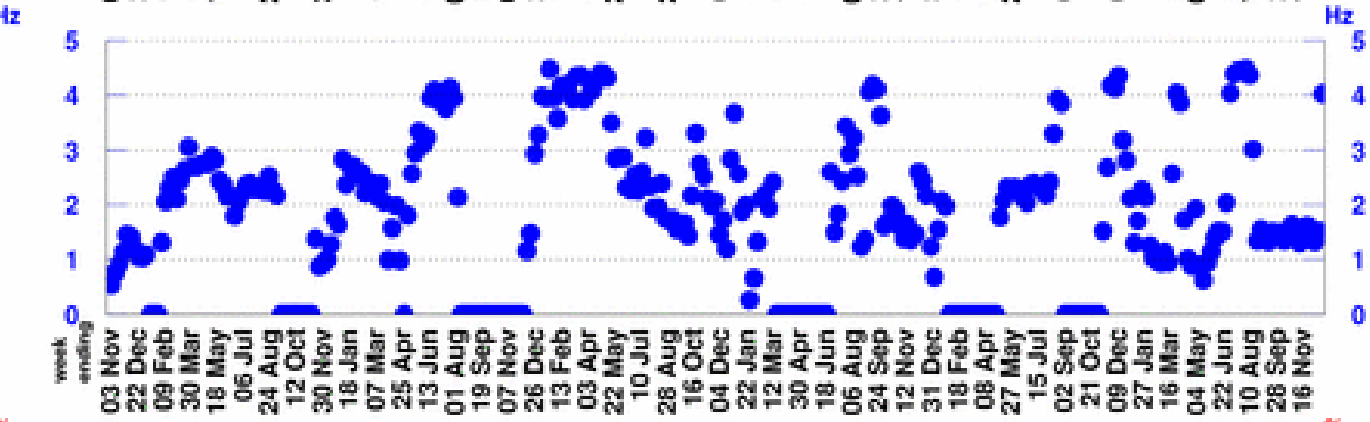
17 Nov – 24 Nov



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.54 E12

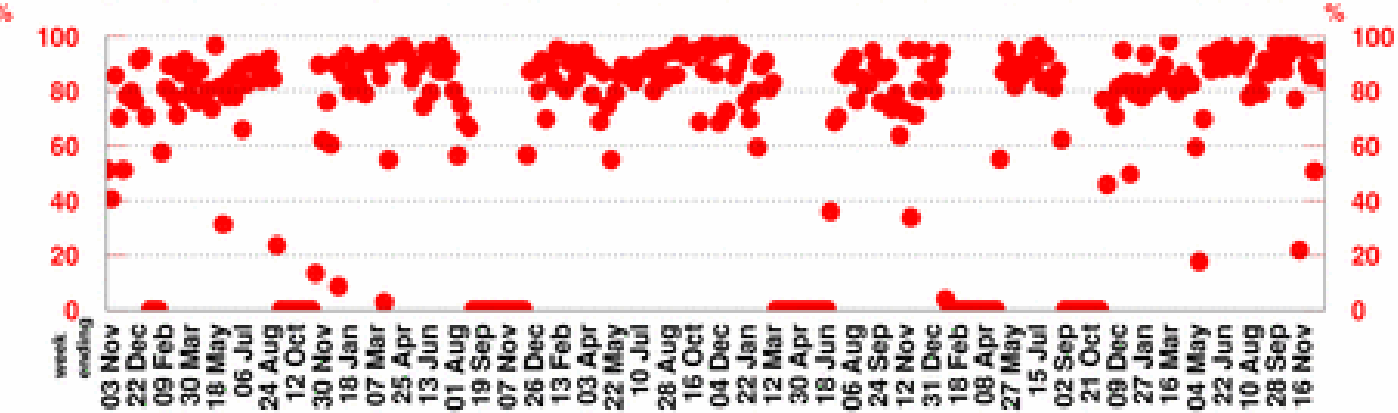


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

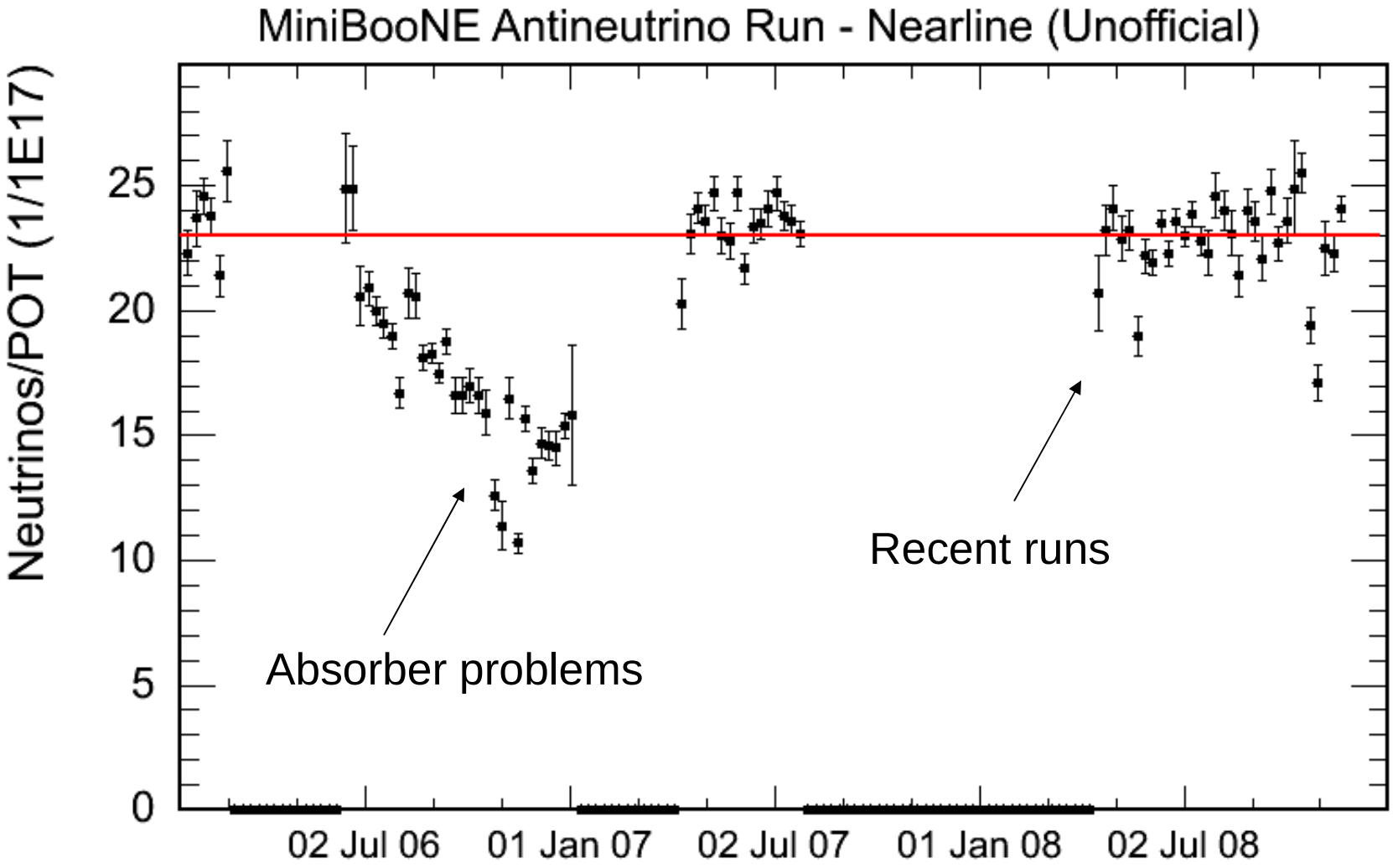
Latest week: 4.02 Hz



Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 84.3 %

AntiNeutrino/POT (Unofficial)