MiniBooNE Report

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for the MiniBooNE collaboration

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Week Summary 12 Jan – 19 Jan
2.66E18 POT, 80.5% Uptime
Week Summary 19 Jan – 26 Jan
3.66E18 POT, 88.9% Uptime

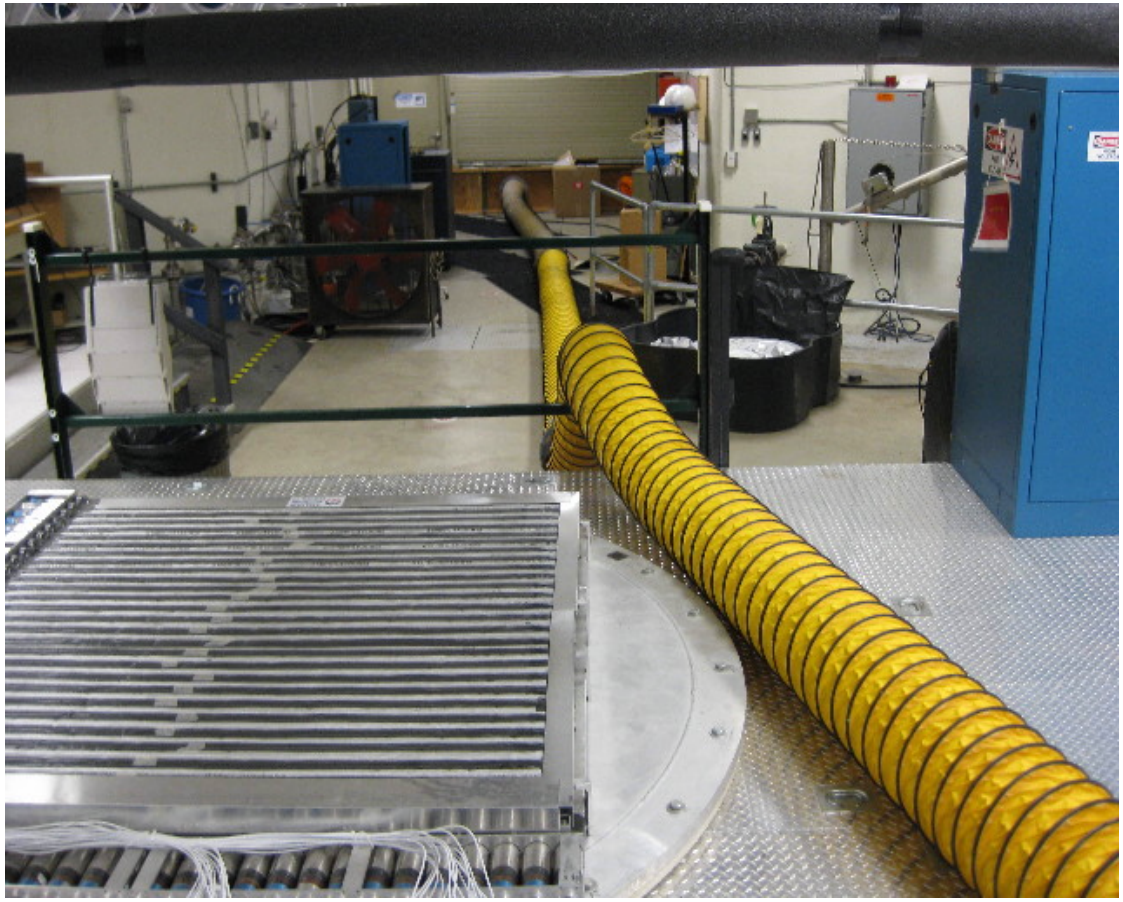
- Major downtimes
  - 19hr LINAC vacuum problems (01/14)
  - 7hr LINAC problems (01/16)
  - 10hr sump pump@MI12 (01/20 & 01/22)
  - 4hr LCW leak (01/25)

- HVAC problems
  - 1 compressor down (01/15)
  - HVAC shut off due to broken fuse (01/16)
  - No downtime

HVAC problems

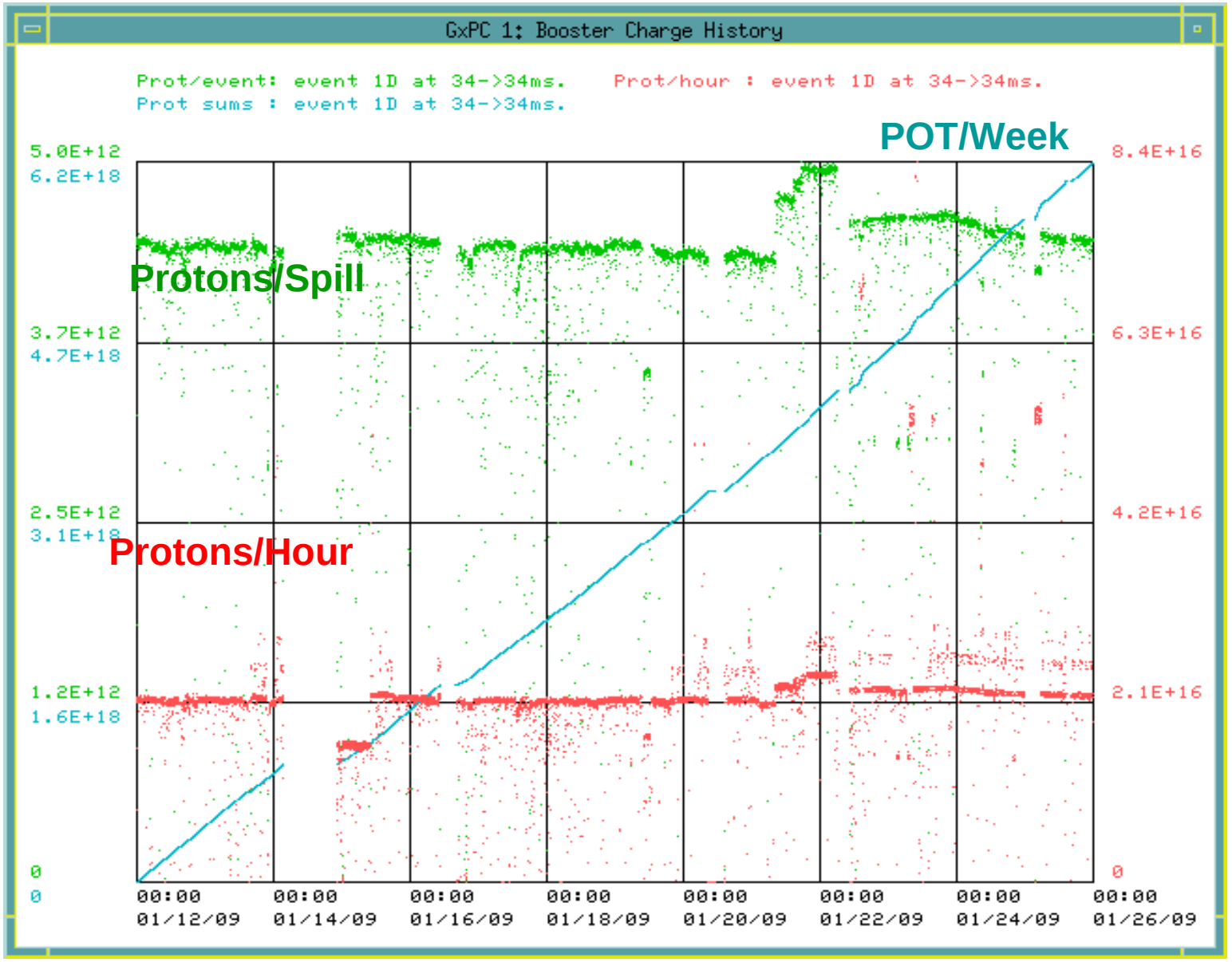
- 1 compressor down
- Thanks to FESS and Bill Moorehouse and company!

More HVAC problems

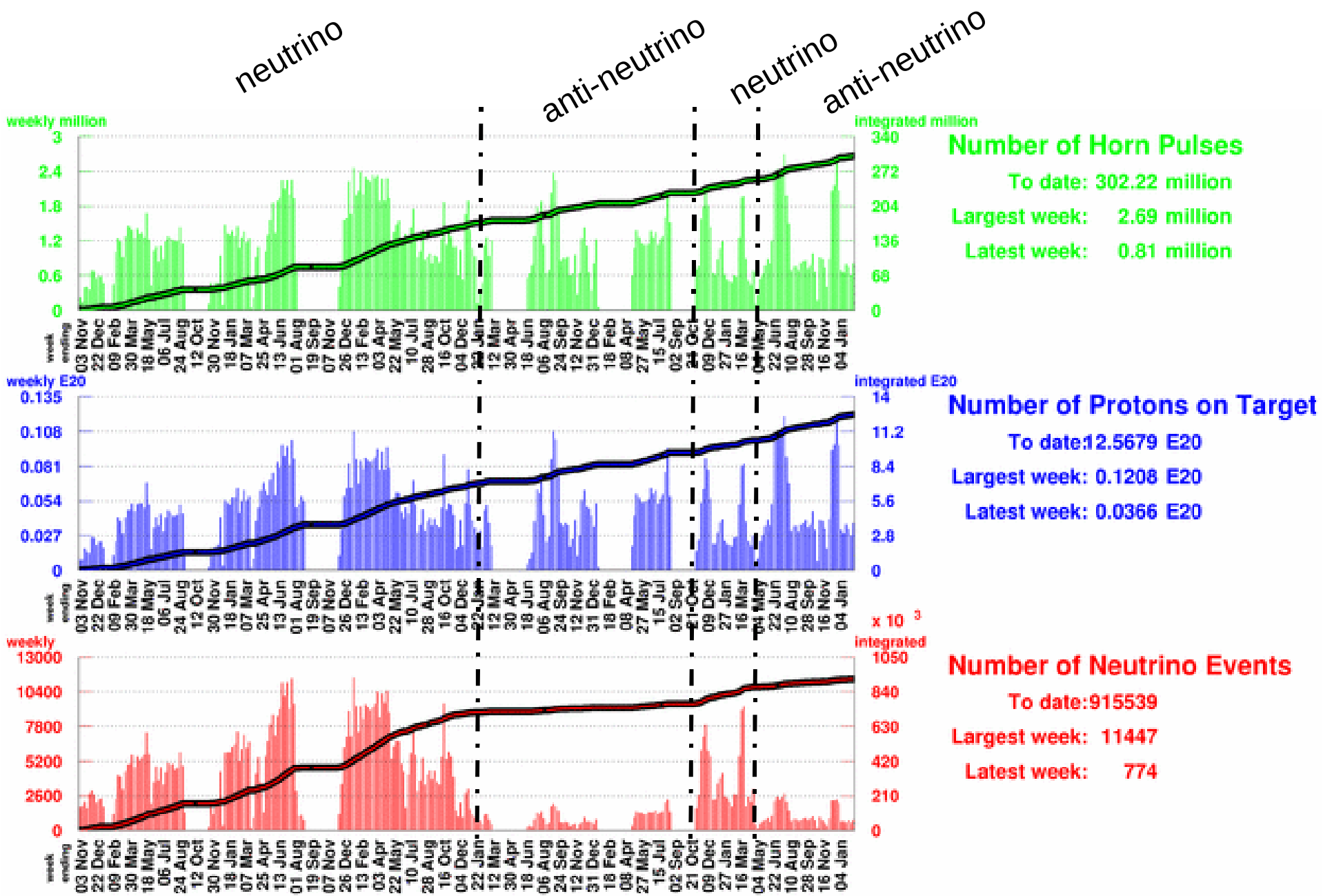


- Whole unit shut off due to broken fuse
- Huge thanks to FESS (Glen Smith and company)

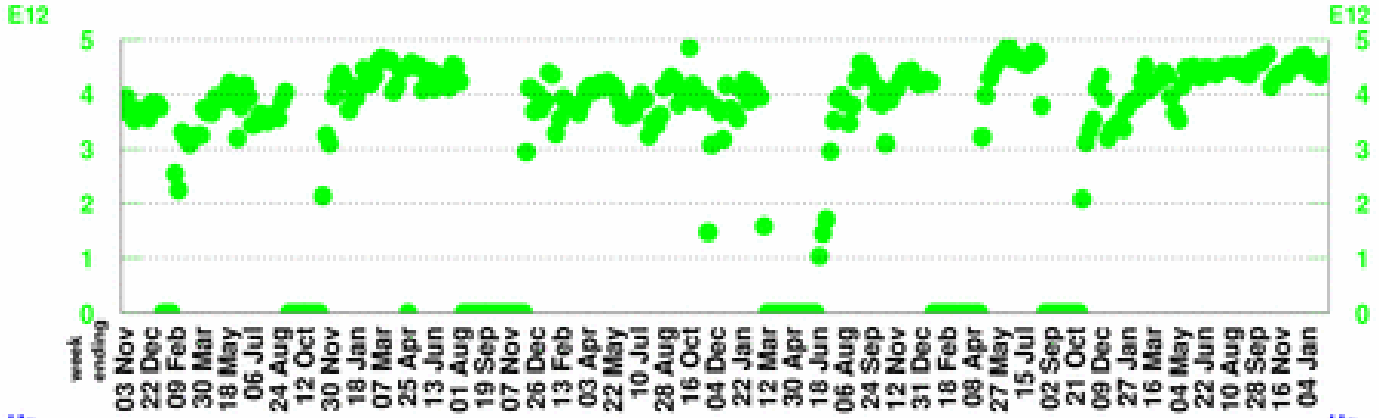
POT 12 Jan – 26 Jan



12 Jan – 26 Jan


neutrino
anti-neutrino
neutrino
anti-neutrino
weekly million
integrated million
Number of Horn Pulses
To date: 302.22 million
Largest week: 2.69 million
Latest week: 0.81 million
weekly E20
integrated E20
Number of Protons on Target
To date: 12.5679 E20
Largest week: 0.1208 E20
Latest week: 0.0366 E20
x 10 3
weekly
integrated
Number of Neutrino Events
To date: 915539
Largest week: 11447
Latest week: 774
week ending

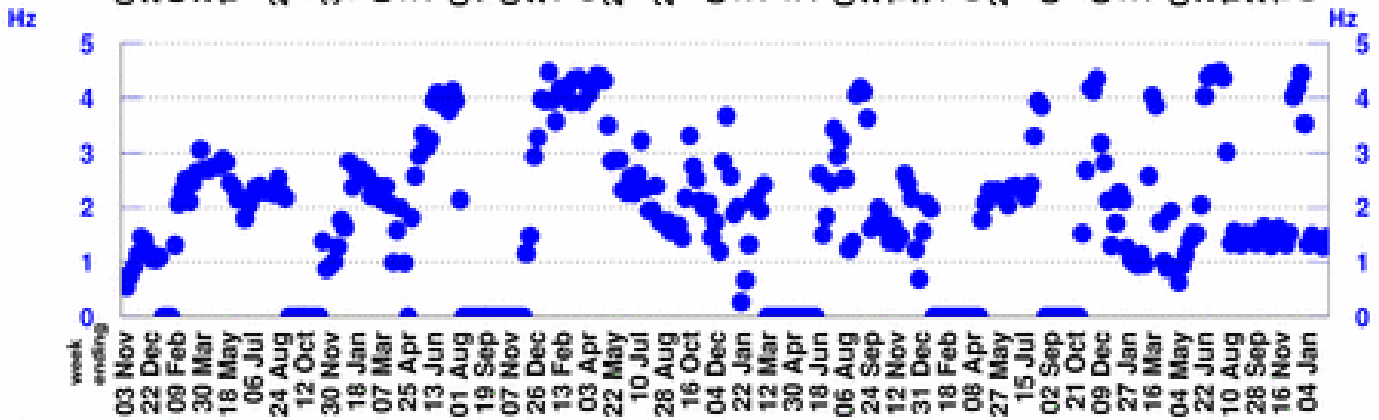
12 Jan – 26 Jan



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.55 E12

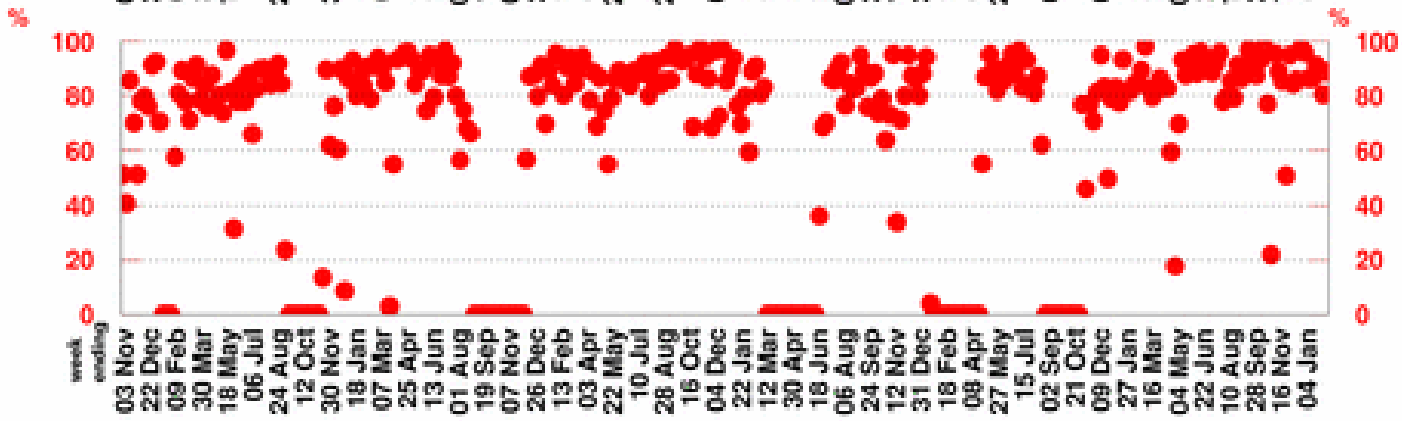


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

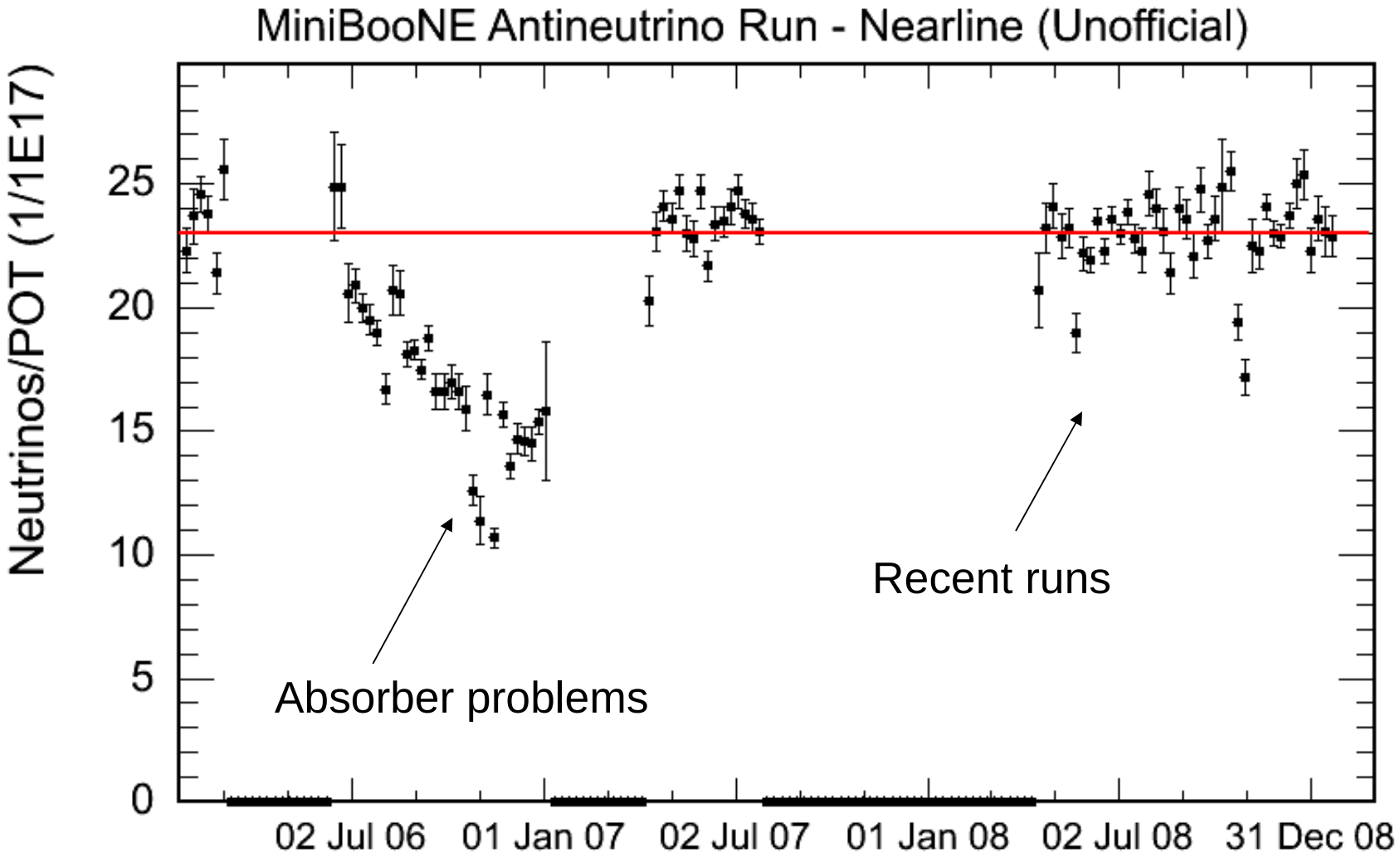
Latest week: 1.45 Hz



Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 88.9 %

AntiNeutrino/POT (Unofficial)