MiniBooNE Report

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for the MiniBooNE collaboration

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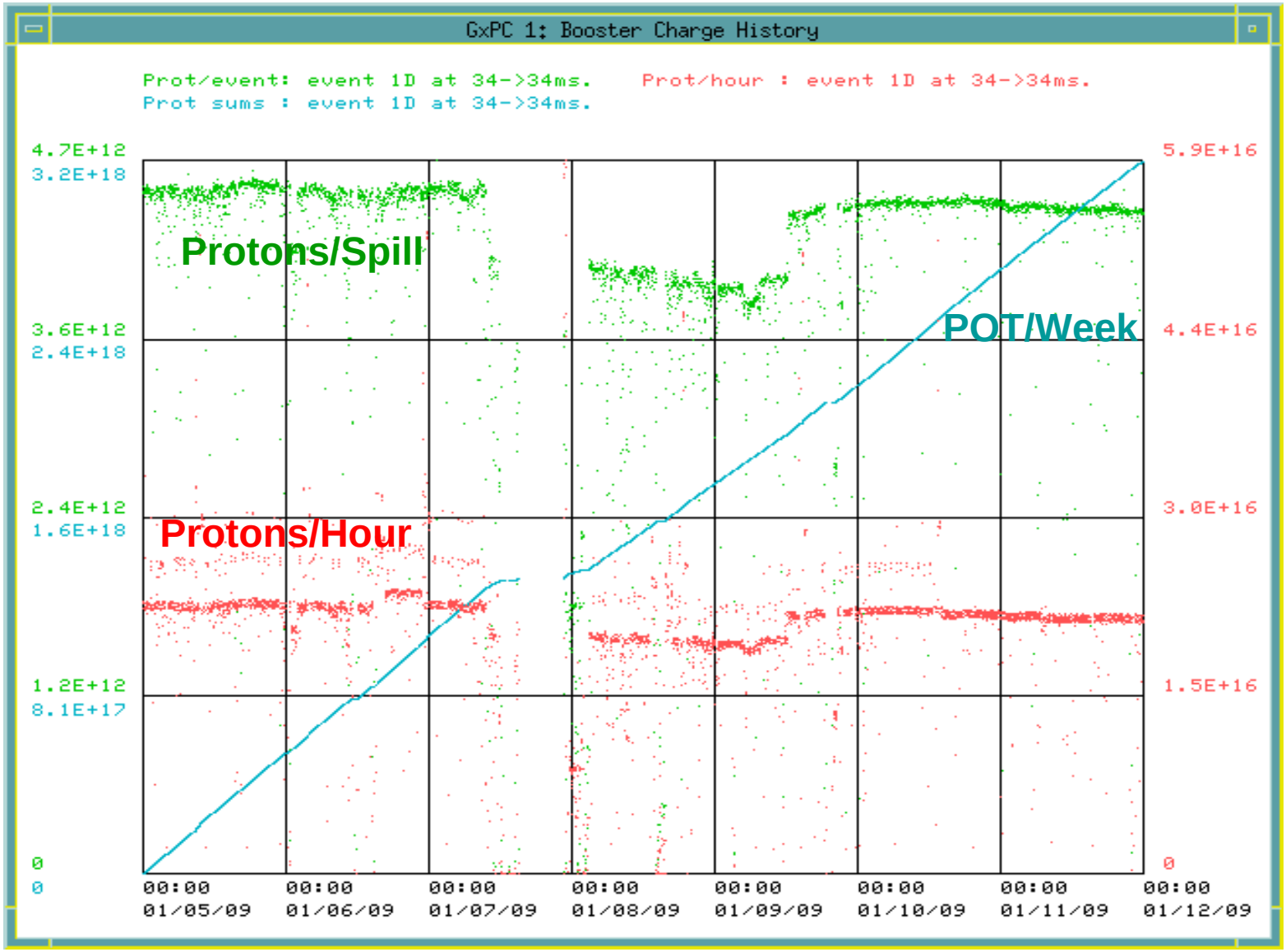
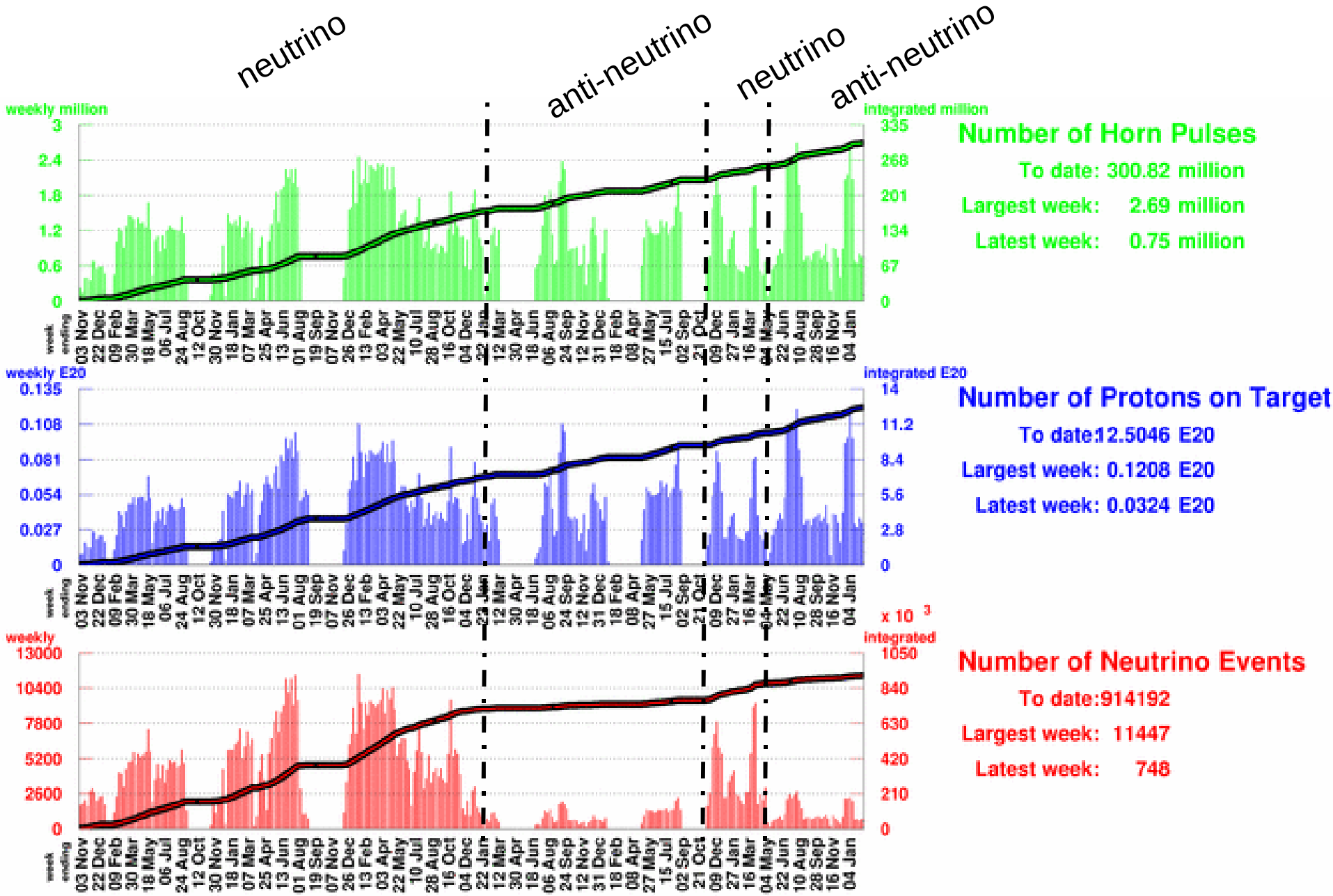
Week Summary 05 Jan – 12 Jan
3.24E18 POT, 88.7% Uptime

- Major downtimes
  - 10hr LINAC/Booster RF problems (01/07)
  - 1hr Booster problems (01/09)
- Work on failed sump pump
  - Pulled out the failed sump pump from MiniBooNE vault
  - Implemented an additional alarm for the sump system
  - Thanks to Greg Gilbert

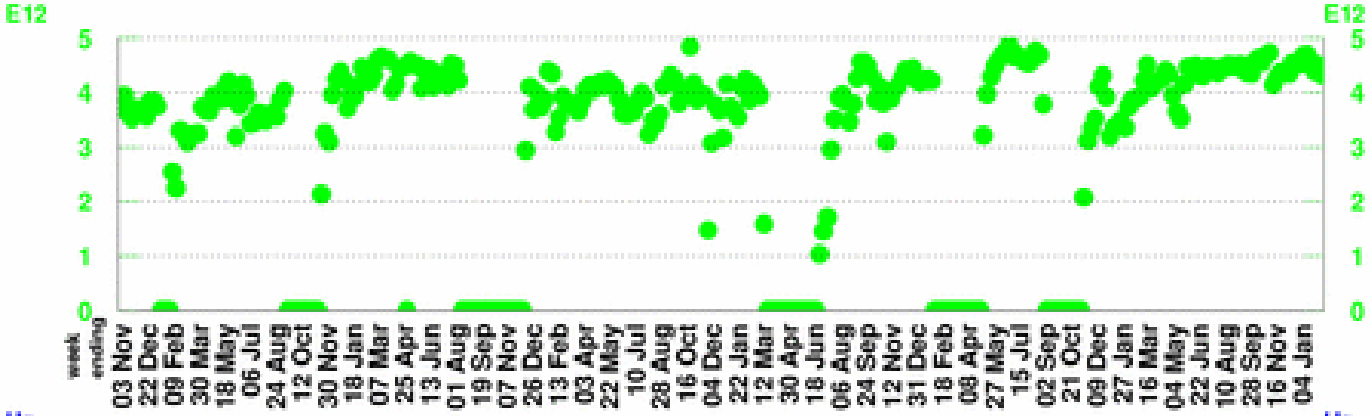
POT 05 Jan – 12 Jan



05 Jan – 12 Jan


neutrino
anti-neutrino
neutrino
anti-neutrino
weekly million
integrated million
Number of Horn Pulses
To date: 300.82 million
Largest week: 2.69 million
Latest week: 0.75 million
weekly E20
integrated E20
Number of Protons on Target
To date:12.5046 E20
Largest week: 0.1208 E20
Latest week: 0.0324 E20
weekly
integrated
x 10 3
Number of Neutrino Events
To date:914192
Largest week: 11447
Latest week: 748
week ending

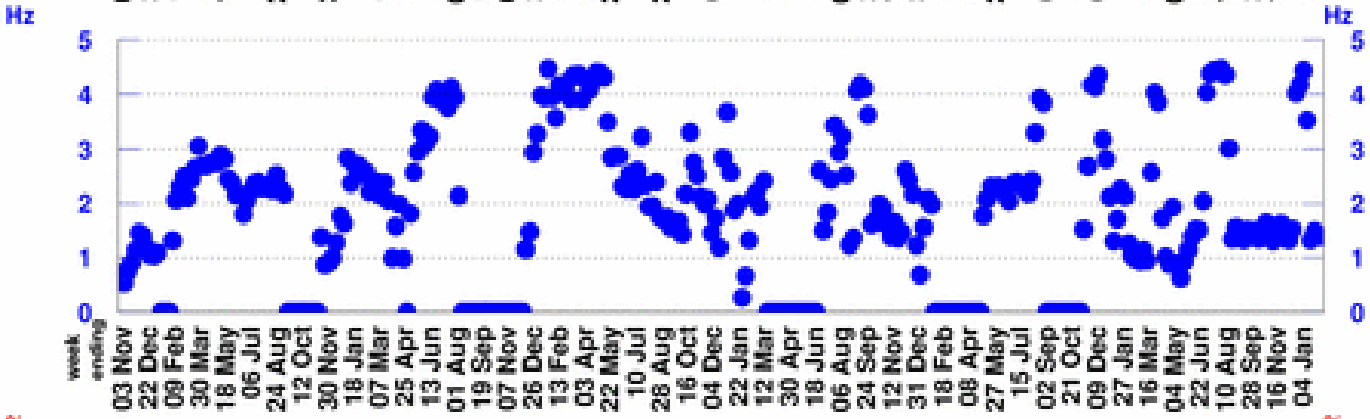
05 Jan – 12 Jan



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.33 E12

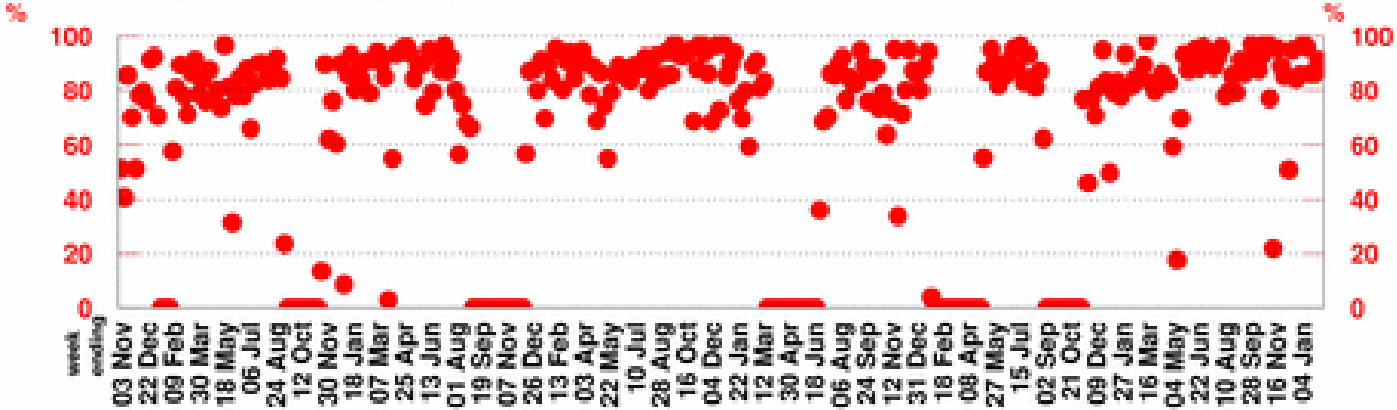


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

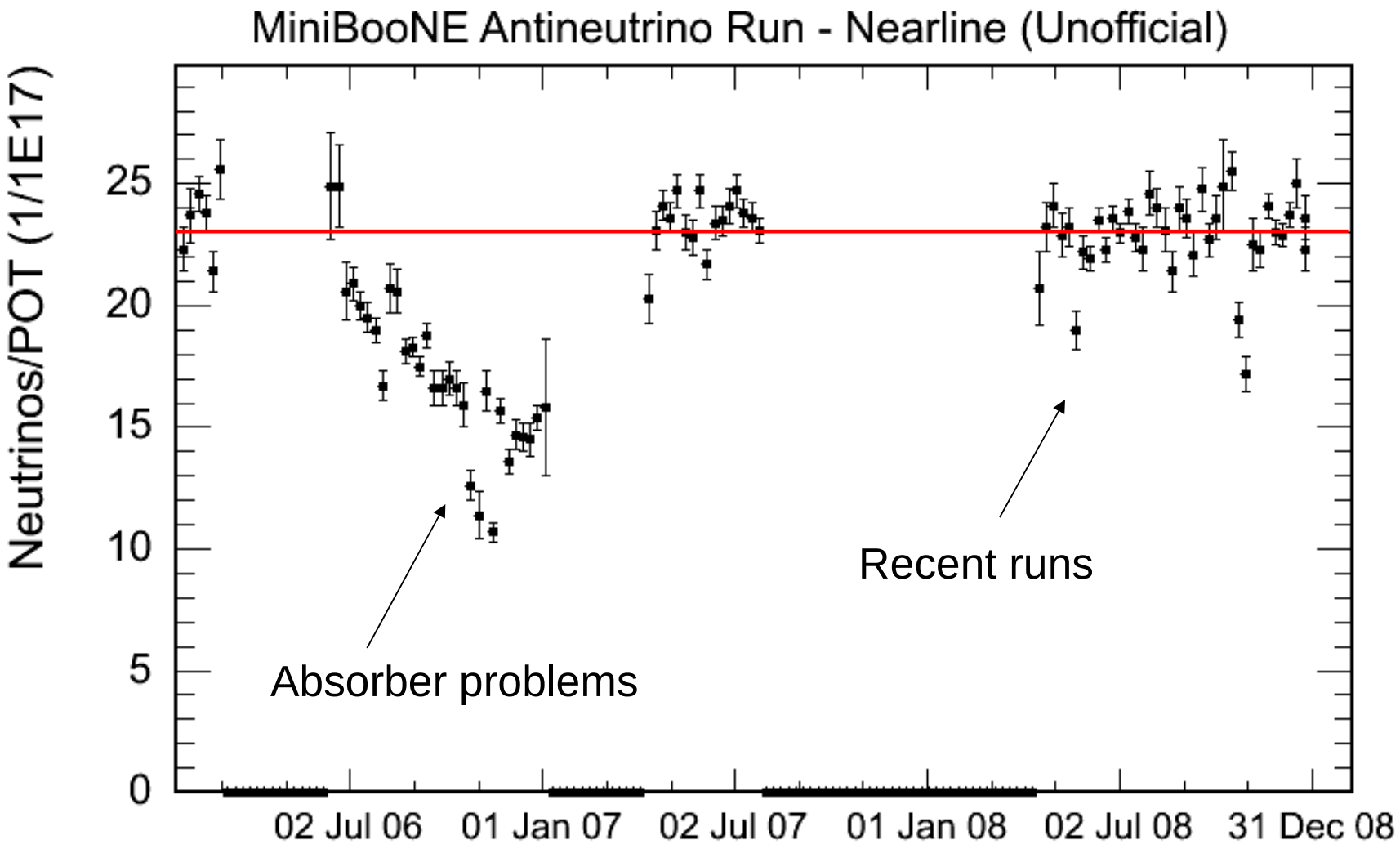
Latest week: 1.39 Hz



Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 88.7 %

AntiNeutrino/POT (Unofficial)