MiniBooNE Report

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for the MiniBooNE collaboration

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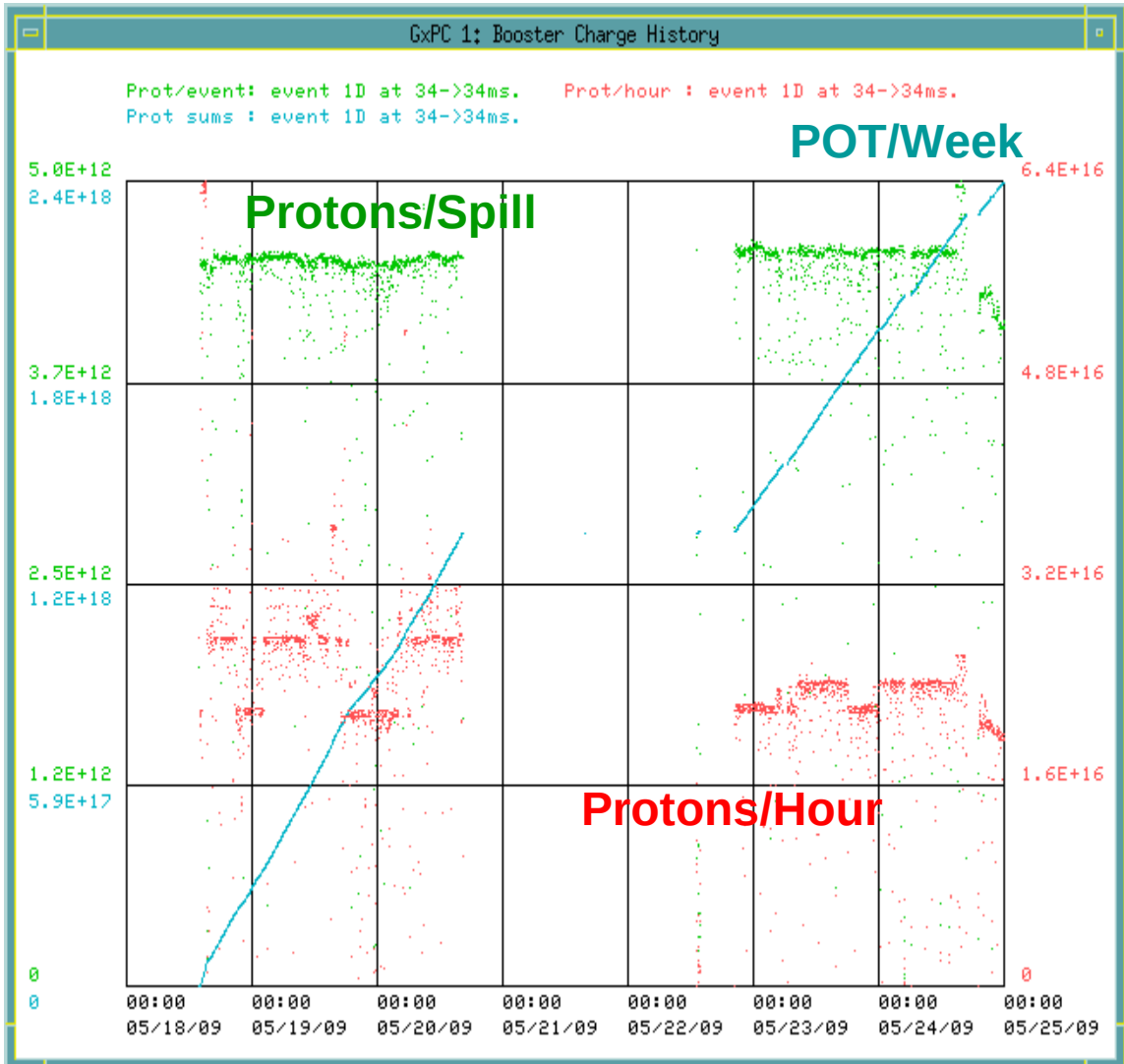
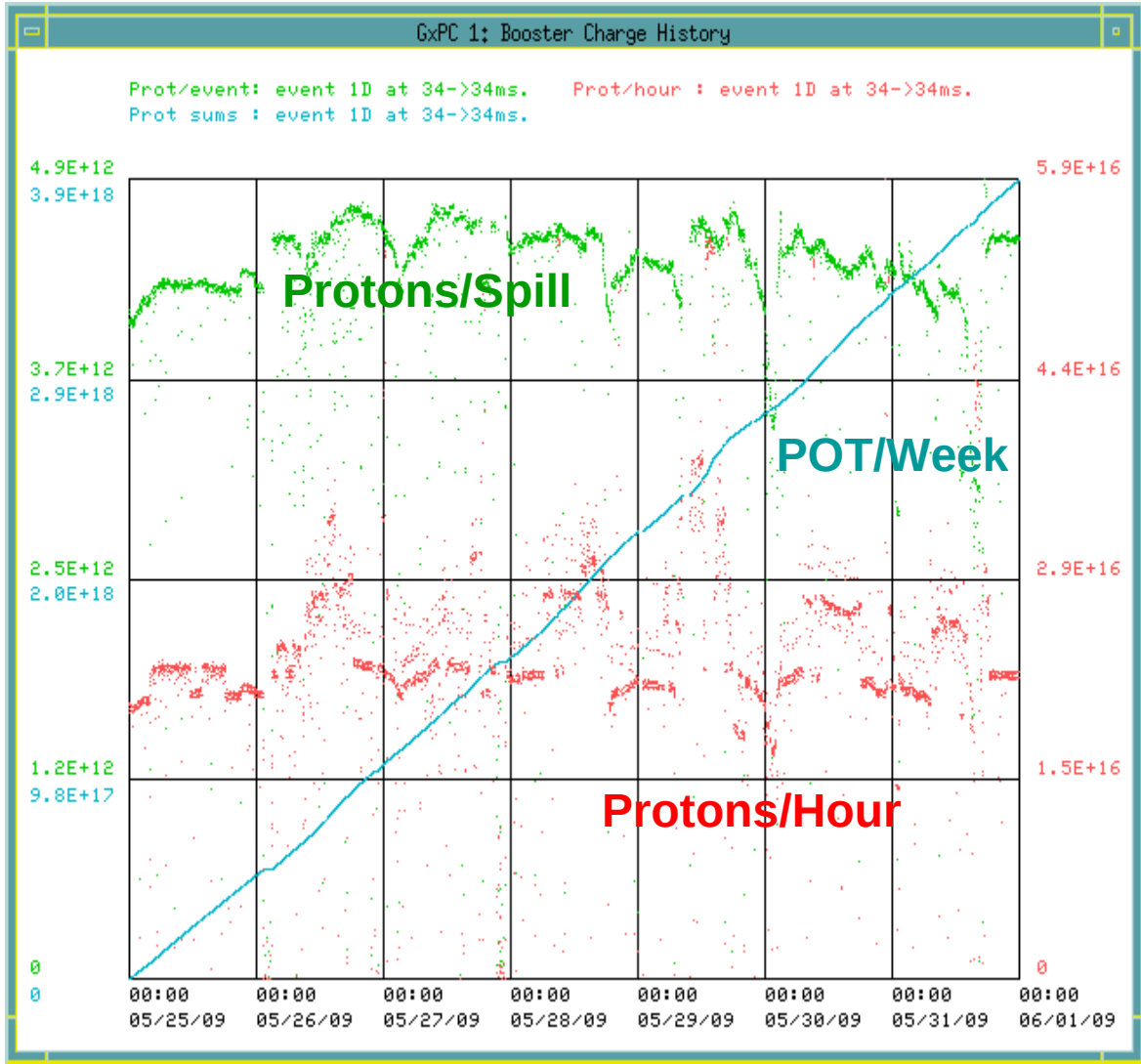
Week 1 Summary (18 – 24 May)

- Major downtimes:
  - 14hrs, MI magnet (05/18)
  - 25hrs, MI magnet (05/20)
  - 27hrs, HVAC (05/21)
- 53.1% uptime / 2.19E18 POT

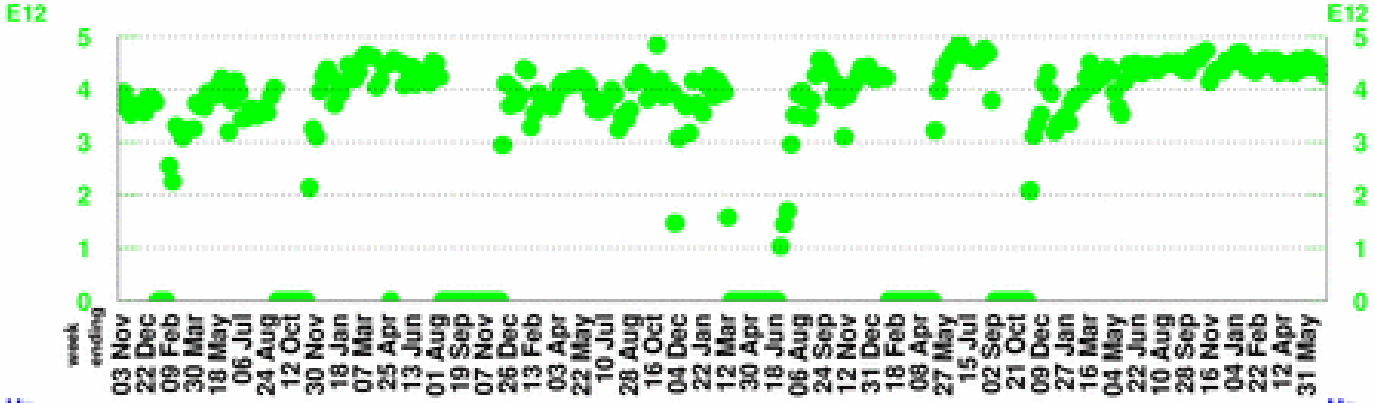


Week 2 Summary (25 – 31 May)

- No major downtimes
- 93.2% uptime / 3.76E18 POT



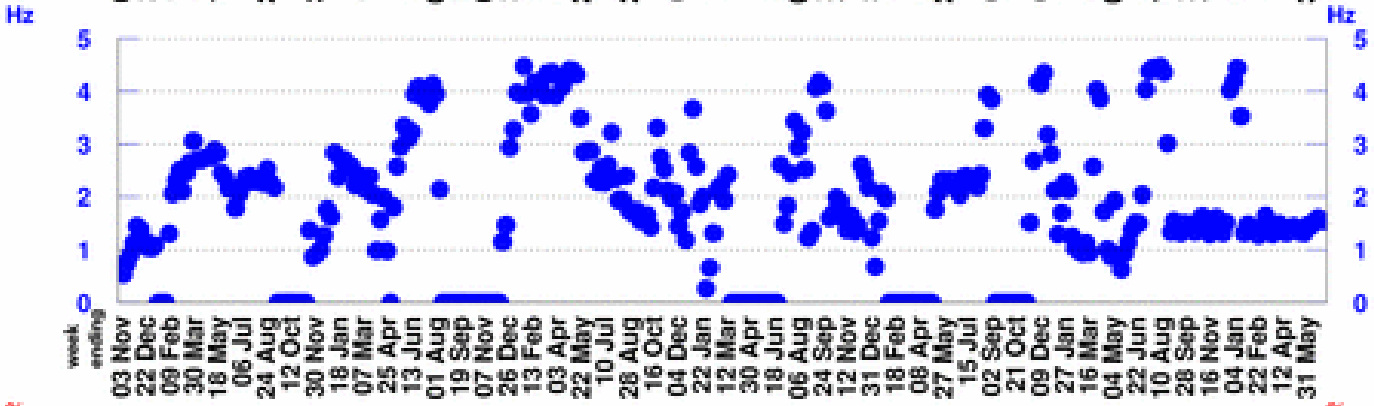
18 May – 31 May



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.28 E12

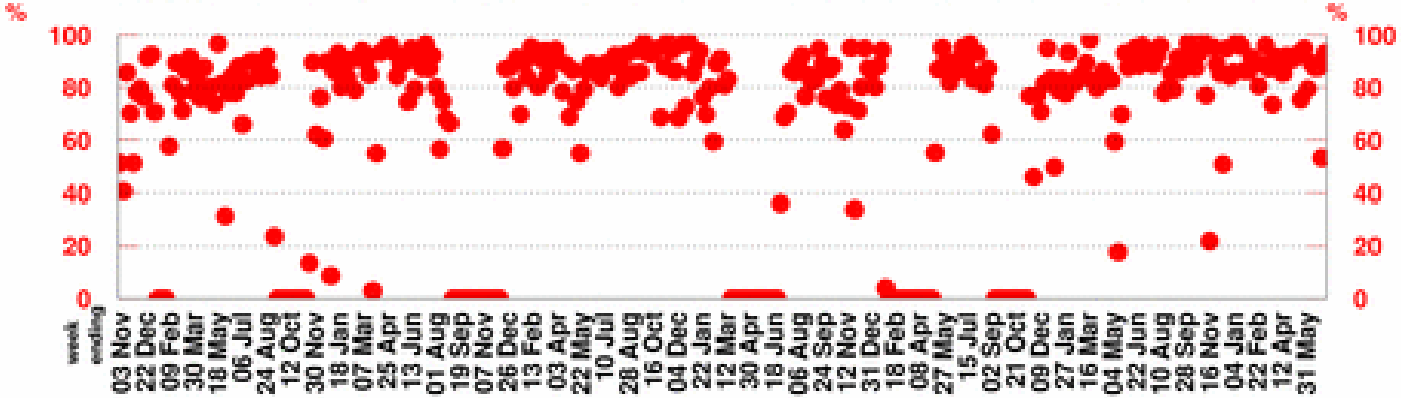


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.55 Hz



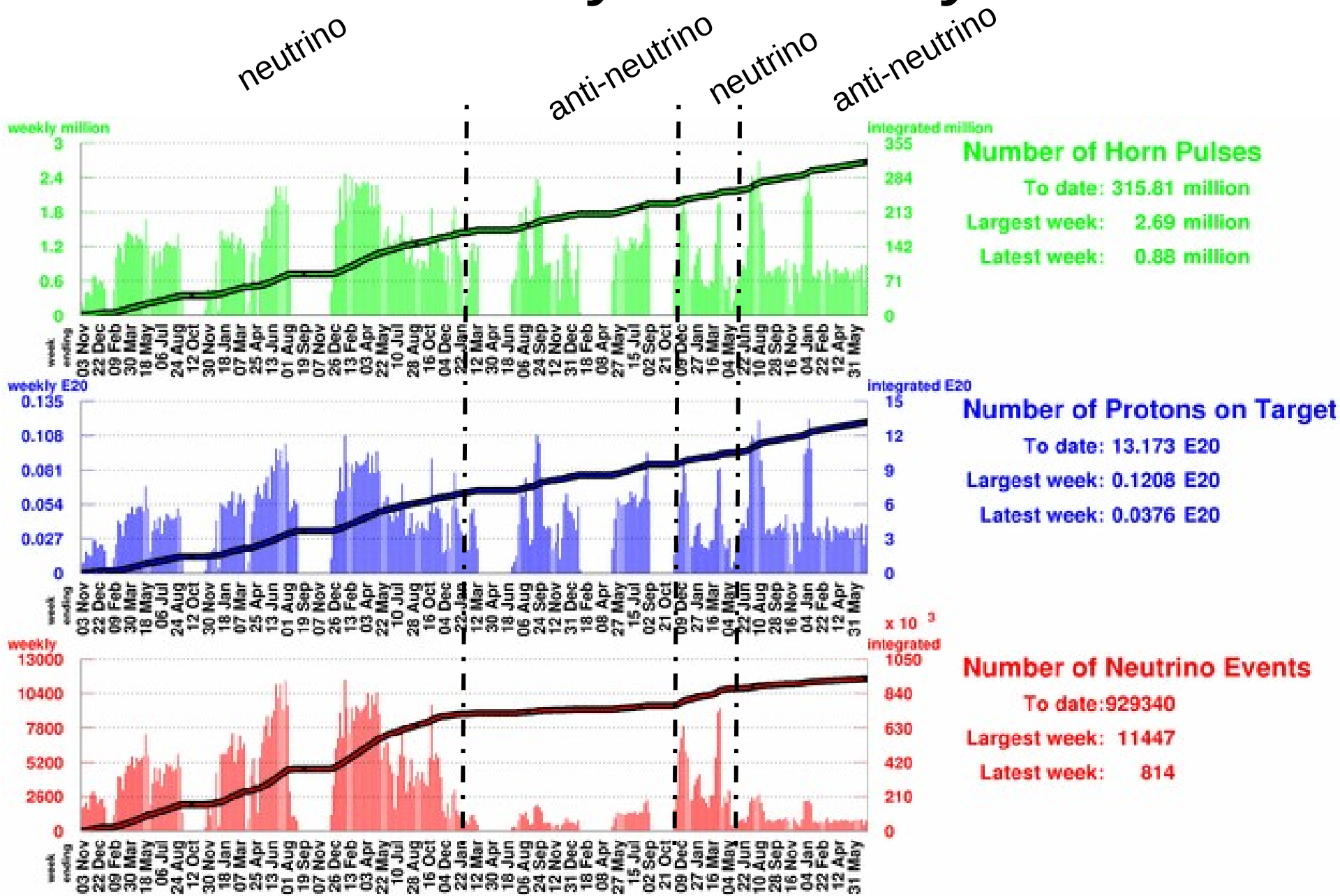
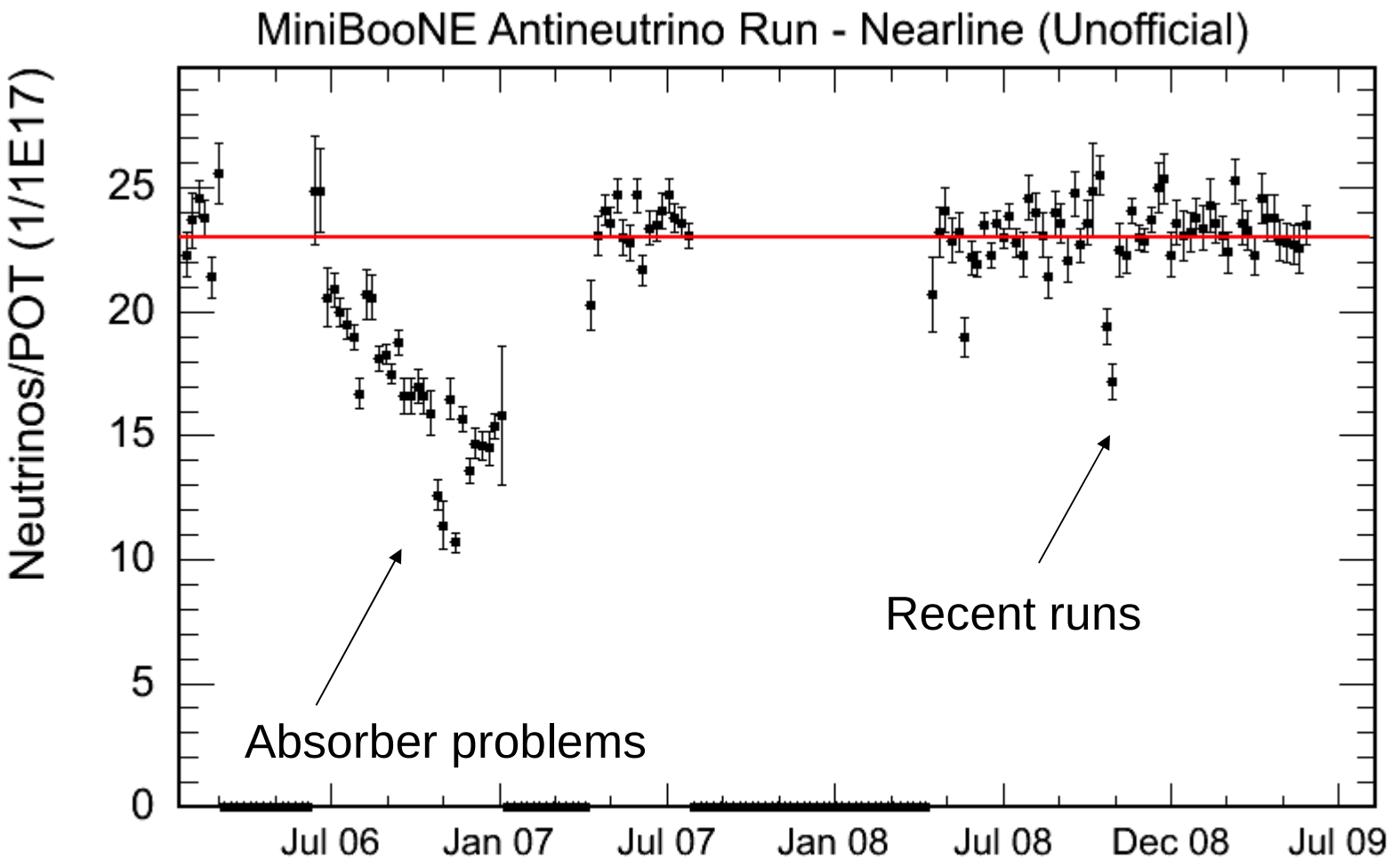
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 93.2 %

18 May – 31 May


neutrino
anti-neutrino
neutrino
anti-neutrino
weekly million
integrated million
Number of Horn Pulses
To date: 315.81 million
Largest week: 2.69 million
Latest week: 0.88 million
weekly E20
integrated E20
Number of Protons on Target
To date: 13.173 E20
Largest week: 0.1208 E20
Latest week: 0.0376 E20
x 10 3
weekly
integrated
Number of Neutrino Events
To date:929340
Largest week: 11447
Latest week: 814
week ending

AntiNeutrino/POT (Unofficial)