MiniBooNE Report

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for the MiniBooNE collaboration

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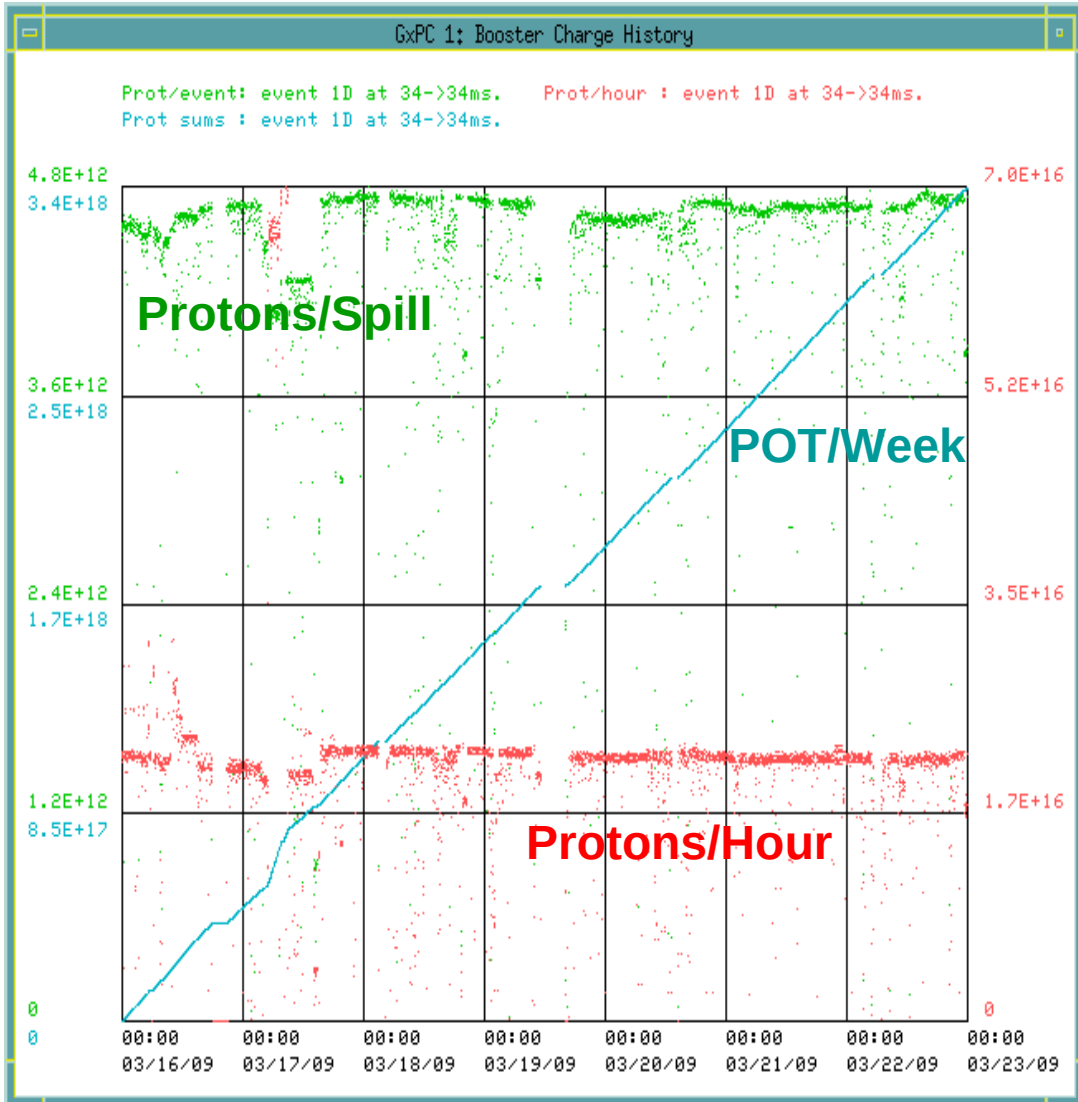
Detector issues

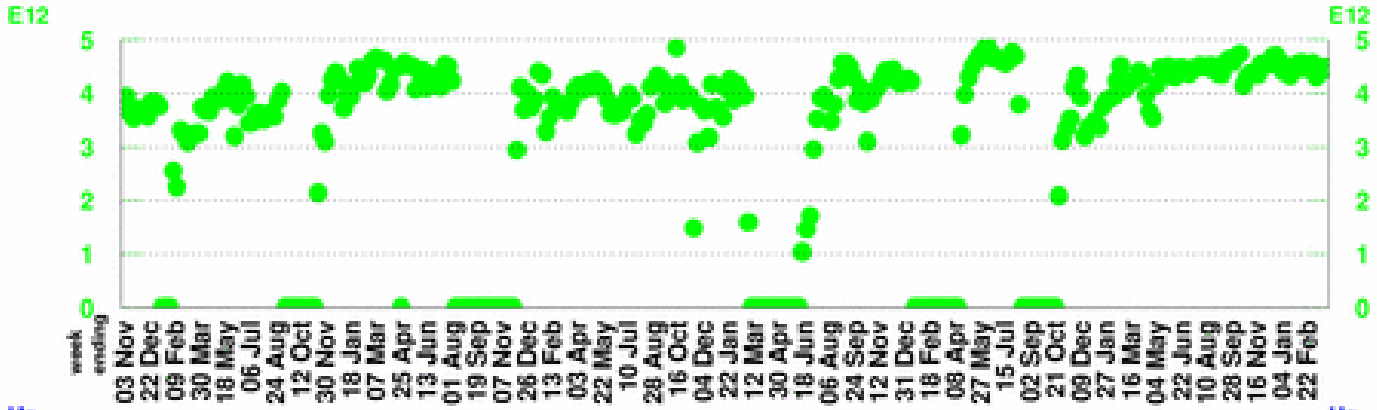
- One of the low voltage power supplies shut off
- Bad power outlet (wire touched the shielding box)
- Duty electrician installed new receptacle
  - Thanks for quick response

Week Summary 16 Mar – 23 Mar

- Major downtimes:
  - 3hr, low voltage PS power glitch (03/16)
  - 5hr, booster problems (03/19)



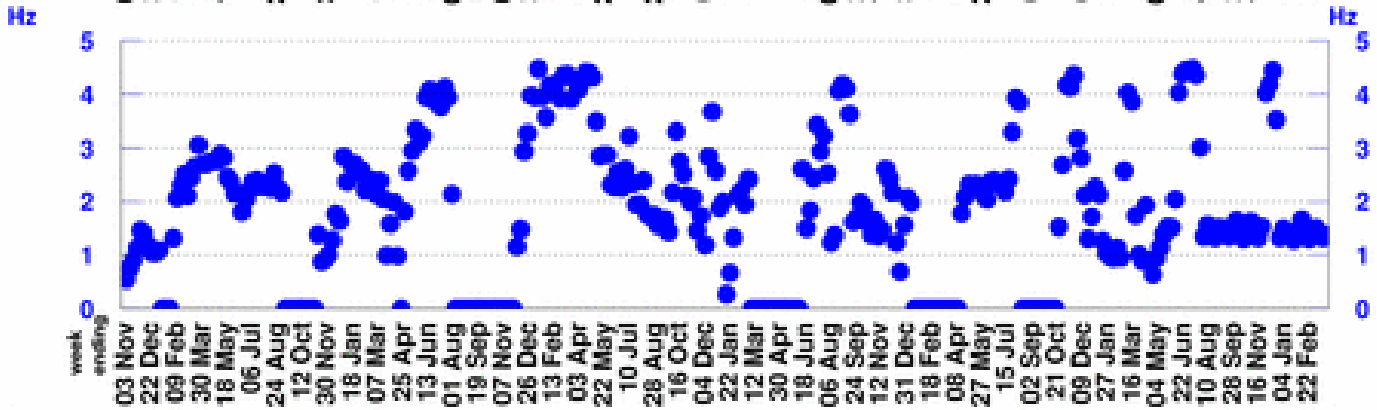
16 Mar – 23 Mar



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.49 E12

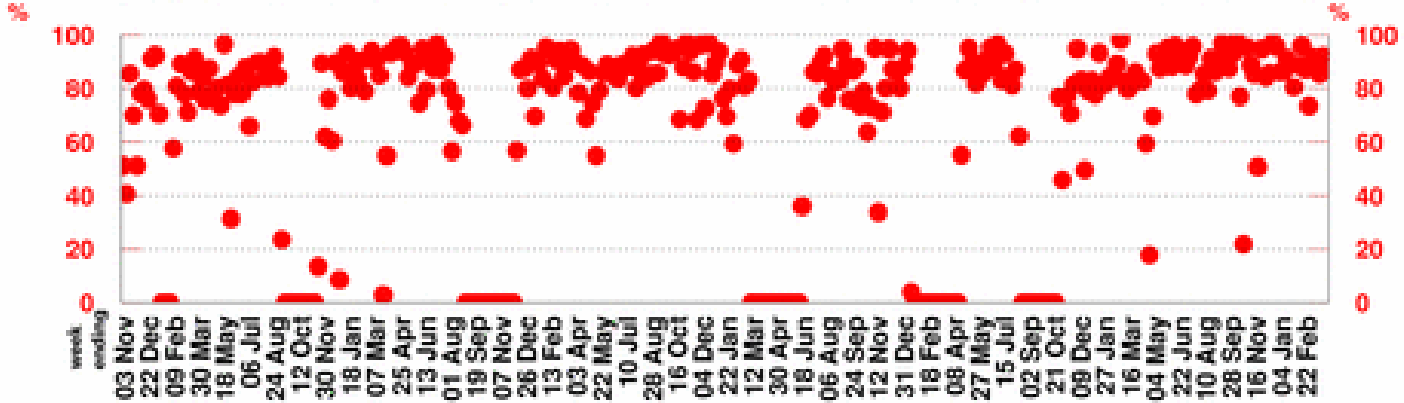


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.37 Hz



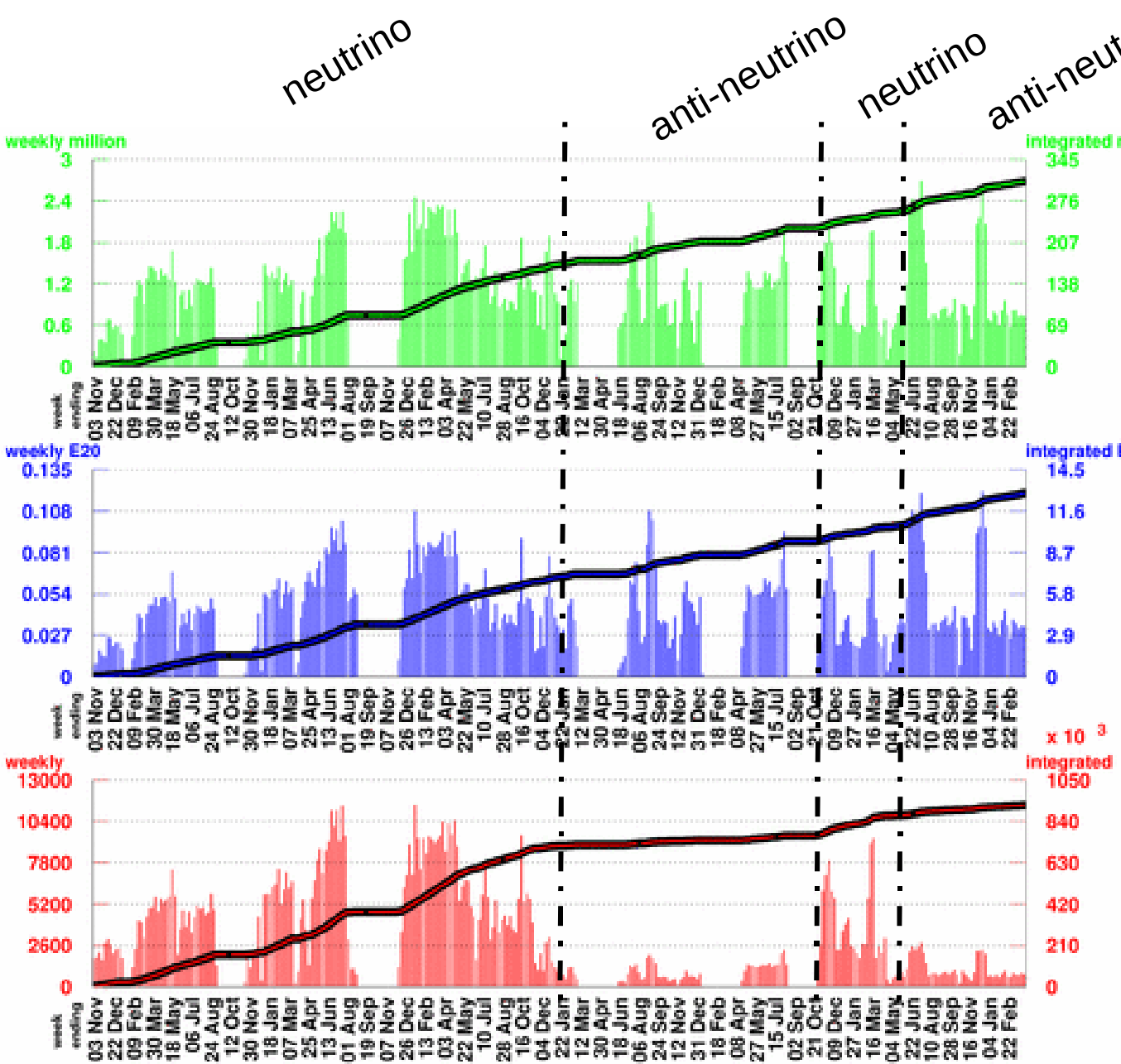
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 90.5 %

16 Feb – 23 Mar



Number of Horn Pulses

To date: 308.3 million

Largest week: 2.69 million

Latest week: 0.73 million

Number of Protons on Target

To date: 12.8388 E20

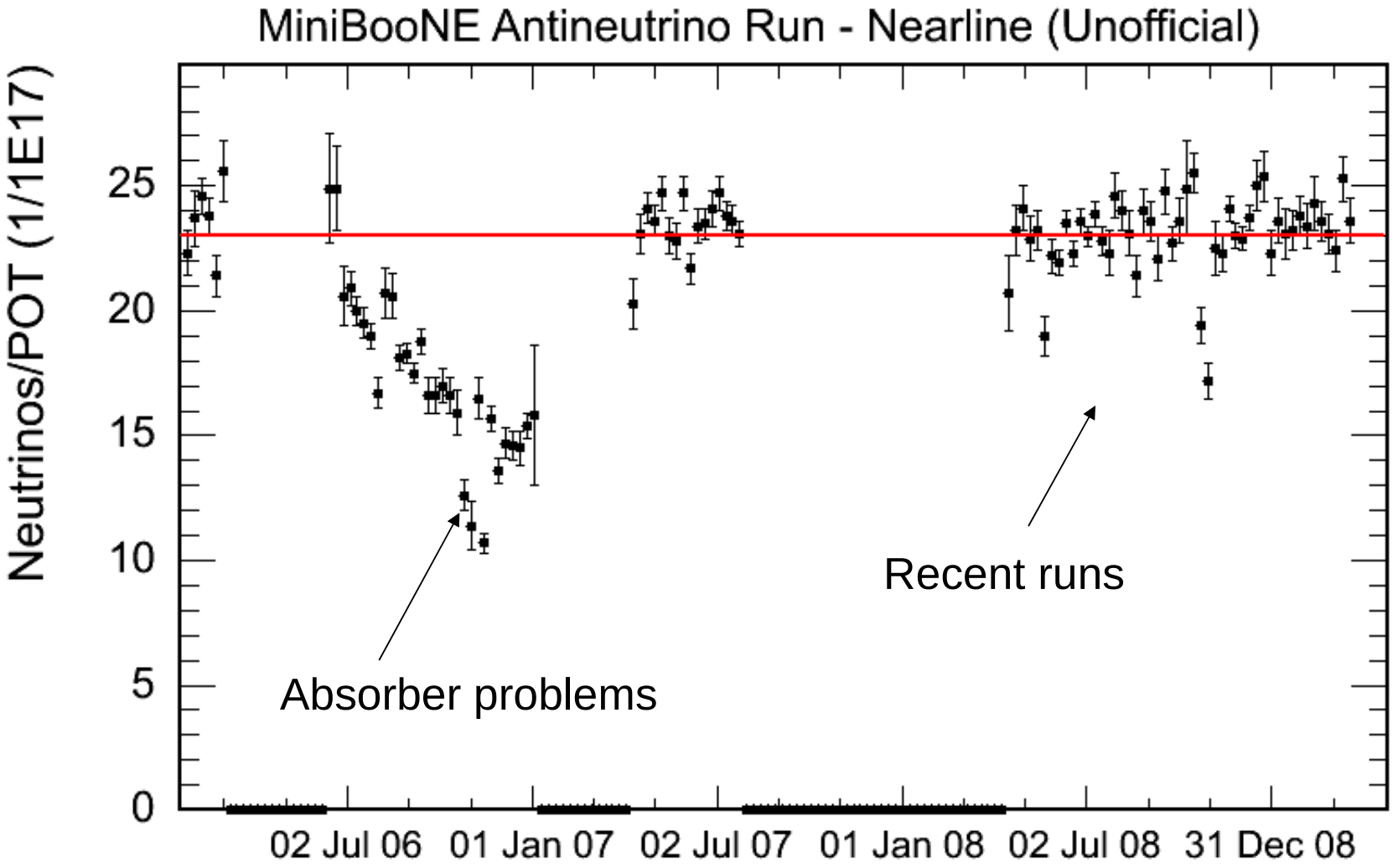
Largest week: 0.1208 E20

Latest week: 0.0326 E20

Number of Neutrino Events

To date: 921714

Largest week: 11447

Latest week: 770

AntiNeutrino/POT (Unofficial)