MiniBooNE Report

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for the MiniBooNE collaboration

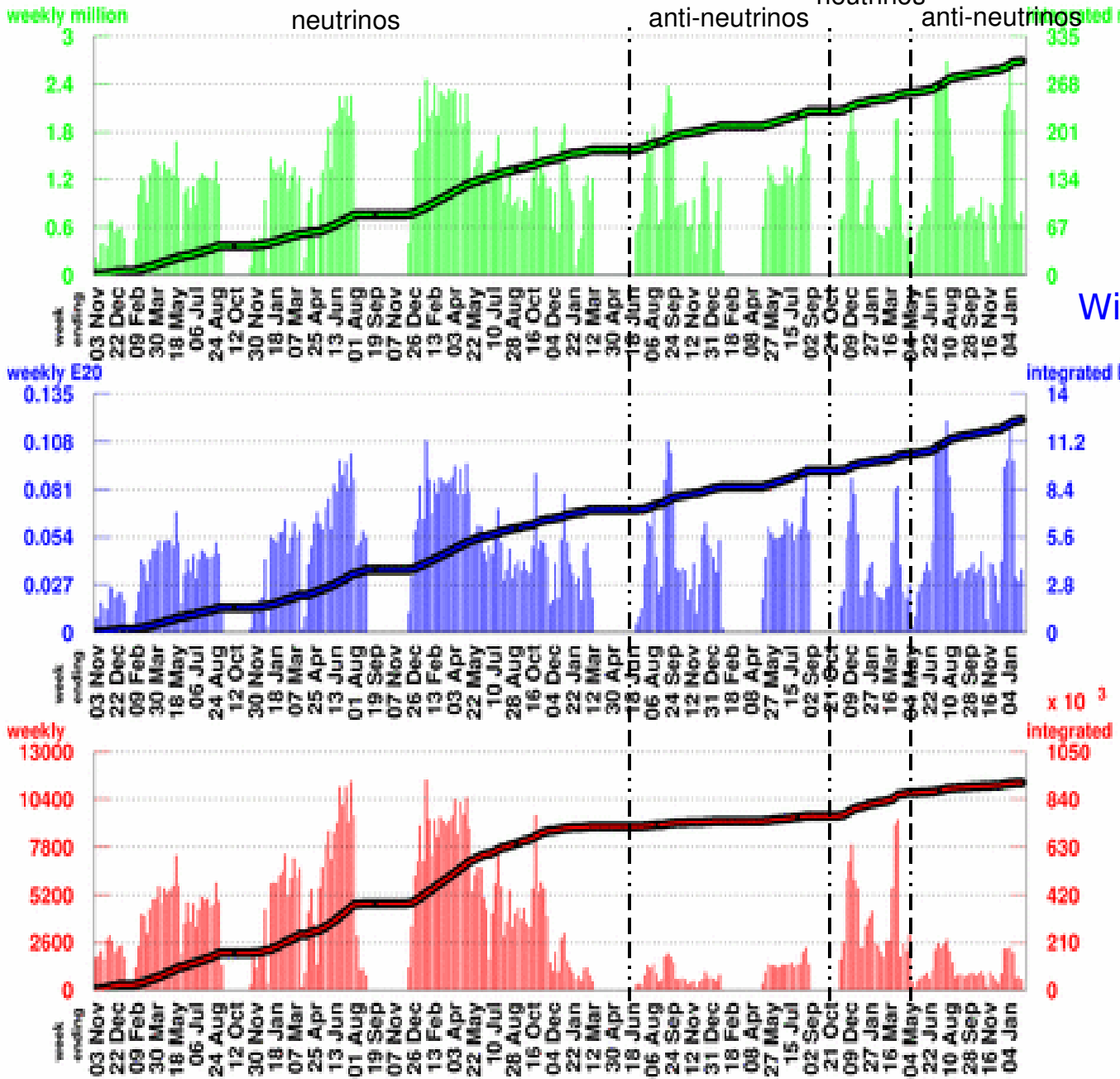
05 January 2009

Week Summary

12/14 – 12/21: 3.2E18 POT, 86% Uptime
12/21 – 12/27: 2.9E18 POT, 86% Uptime
12/28 – 01/04: 3.6E18 POT, 91% Uptime

- Steady/stable running over holidays.
- Major Downtime:
  - 12 hr, MI/Booster RF repairs (Dec 18).
  - 10 hrs, Linac RF repairs (Dec 22).
  - 25 hrs, Detector HVAC problems (Dec 27/28).

14 Dec – 04 January



Number of Horn Pulses

To date: 300.07 million

Largest week: 2.69 million

Latest week: 0.79 million

With Beam Information Cuts

Number of Protons on Target

To date:12.4722 E20

Largest week: 0.1208 E20

Latest week: 0.0356 E20

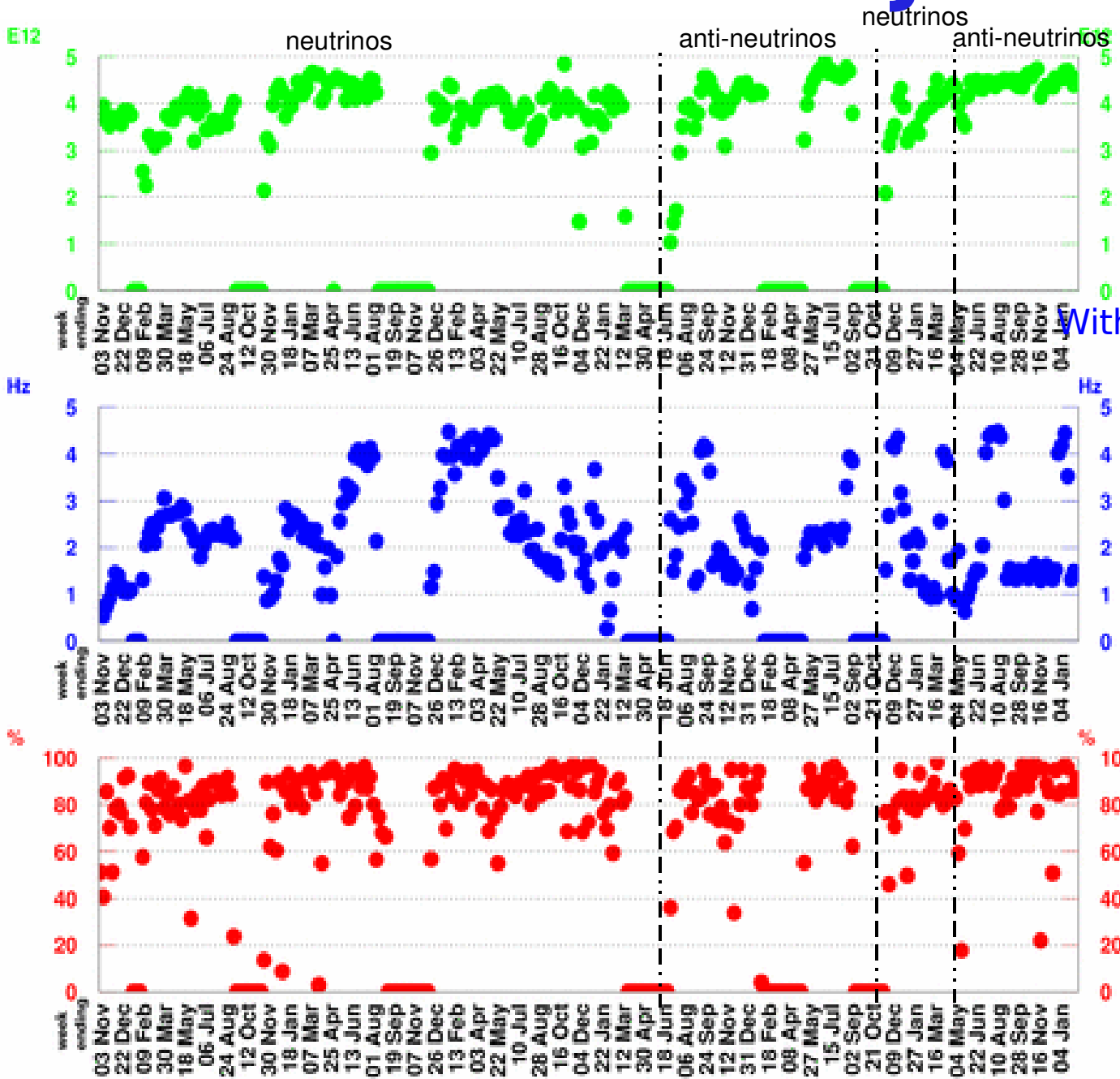
Number of Neutrino Events

To date:913444

Largest week: 11447

Latest week: 582

14 Dec – 04 January



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.51 E12

With Beam Information Cuts

Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.42 Hz

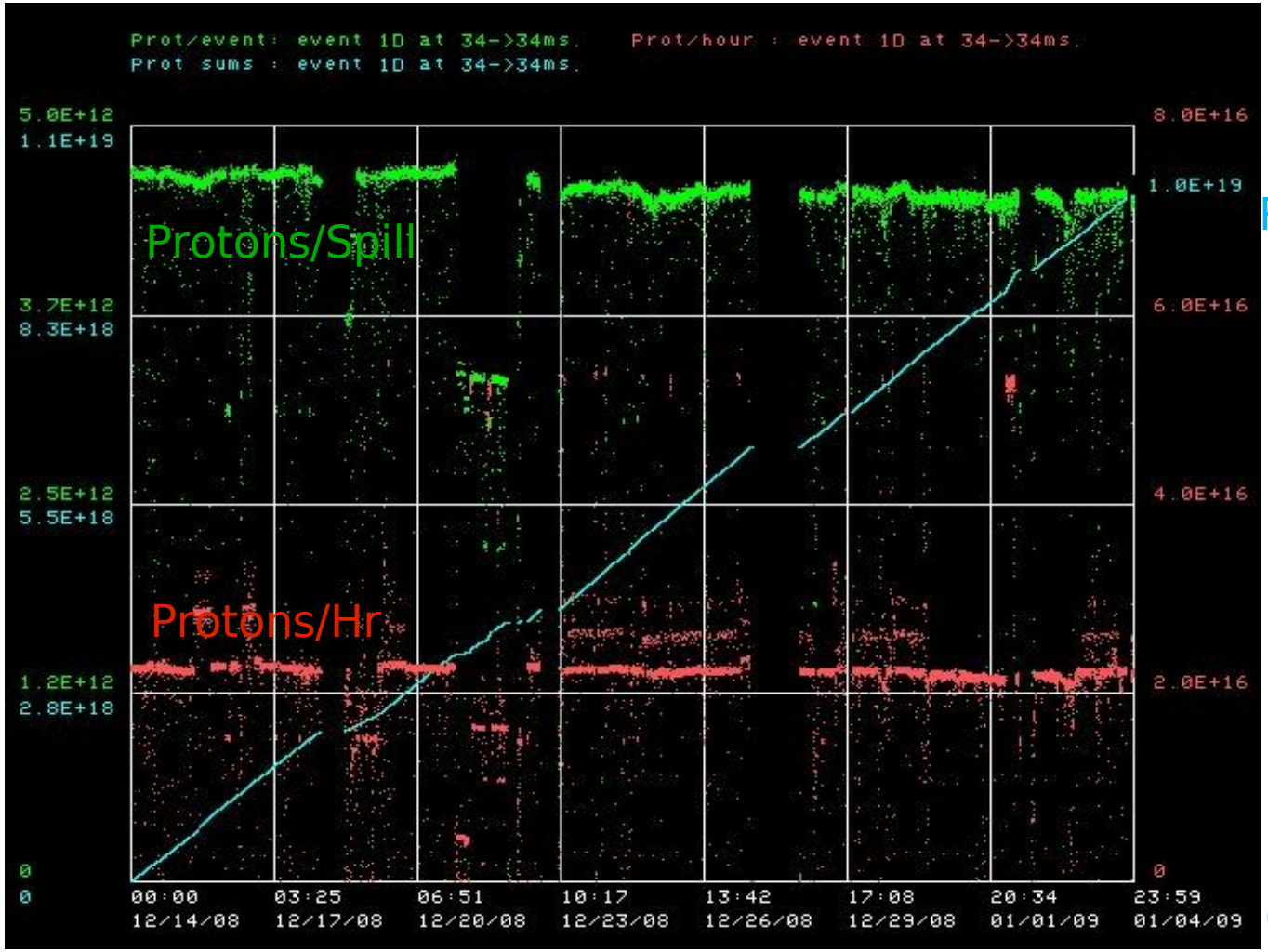
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 91.3 %

There Week MB Proton/Hr Summary



POT/week

14 Dec

05 January

Steady running at ~2.2E16 p/hr and 10 turns.

This Week's Plan

- Continue stable running.
- Continue to monitor HVAC after repair. So far so good.
- Detector hall water ingress issues being addressed.