MiniBooNE Report

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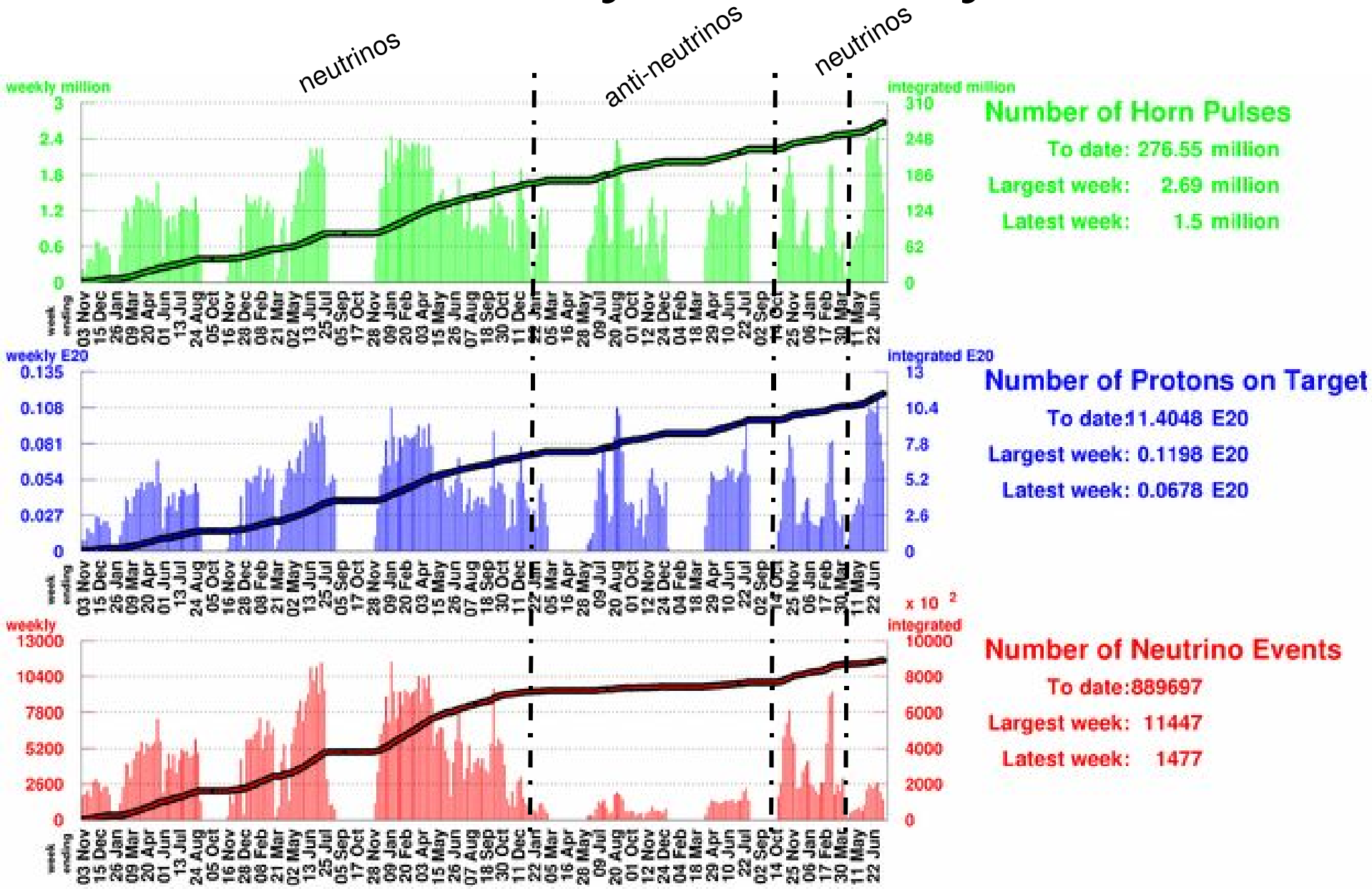
21 July 2008

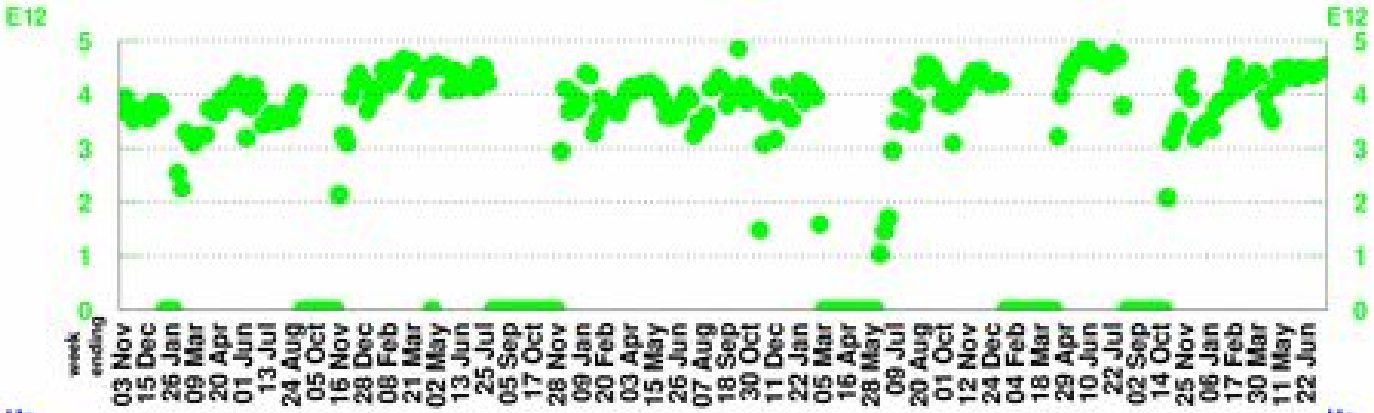
Week Summary 14 June – 21 July 6.78E18 POT, 80% Uptime

- Lower p/hr with NuMI back
  - Early in the week 7.0E16 p/hr
  - Later in the week 2.5E16 p/hr
- Major Downtime:
  - 27hrs, Booster controlled access (July 17th-18th)

14 July – 21 July



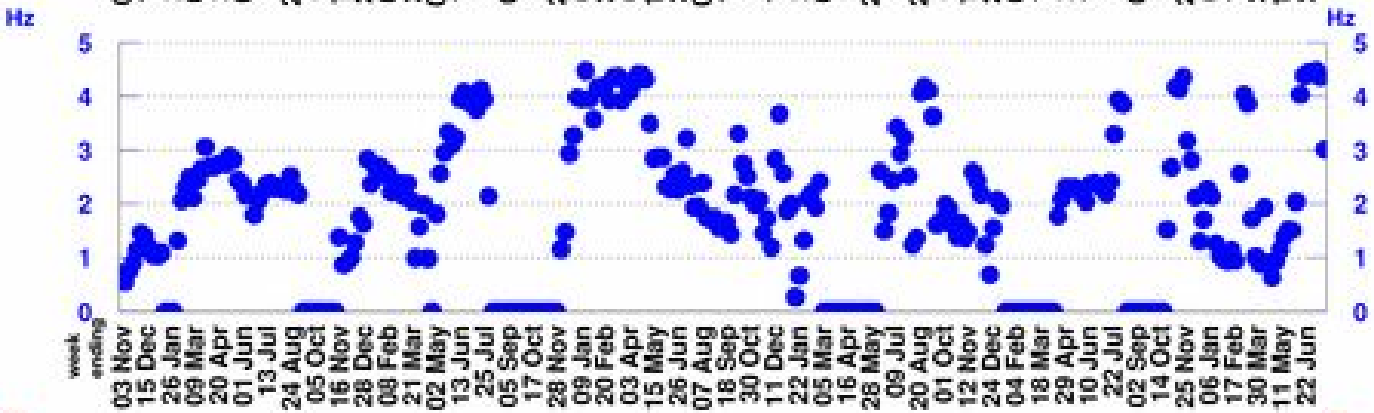
14 July – 21 July



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.52 E12

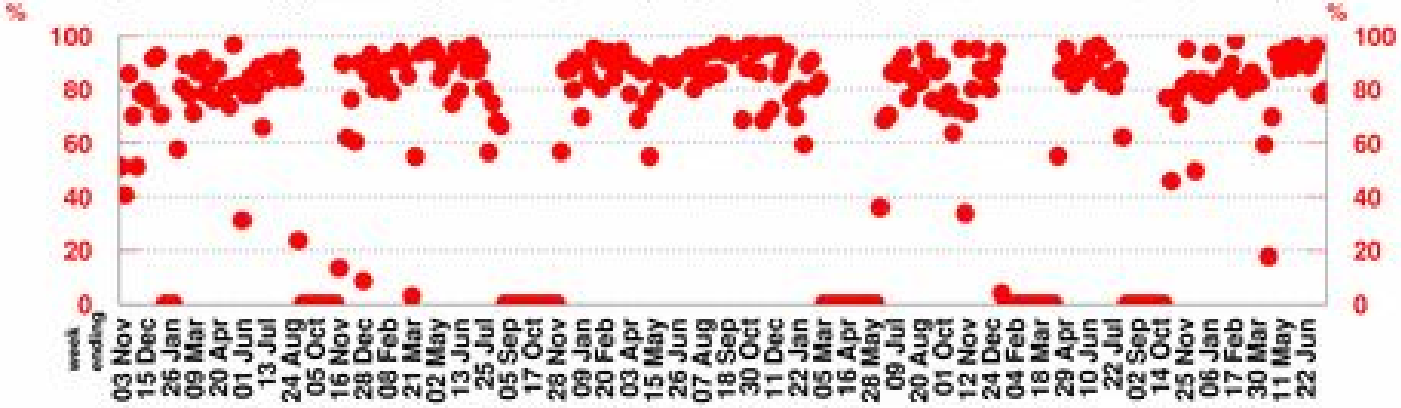


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 3.01 Hz



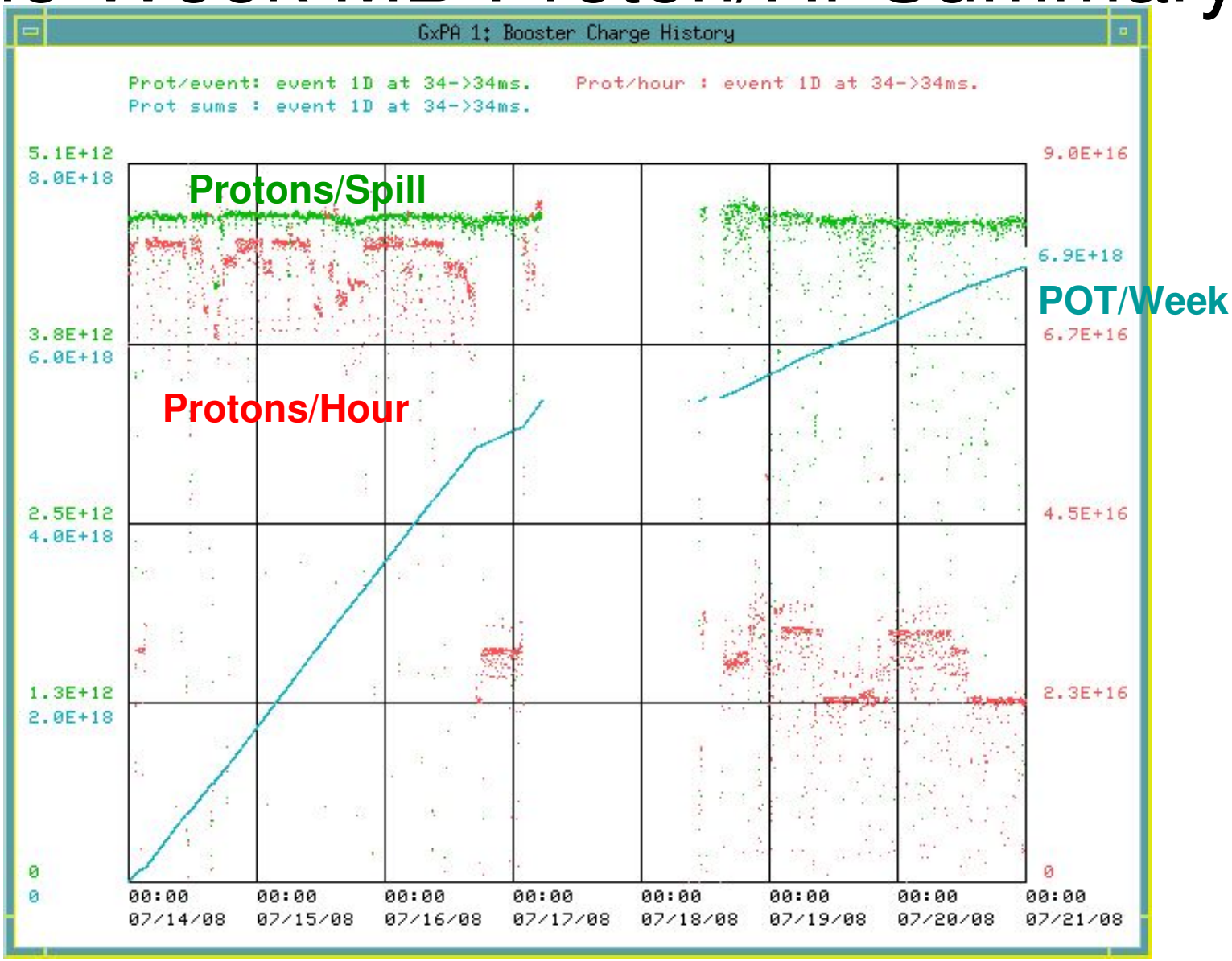
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

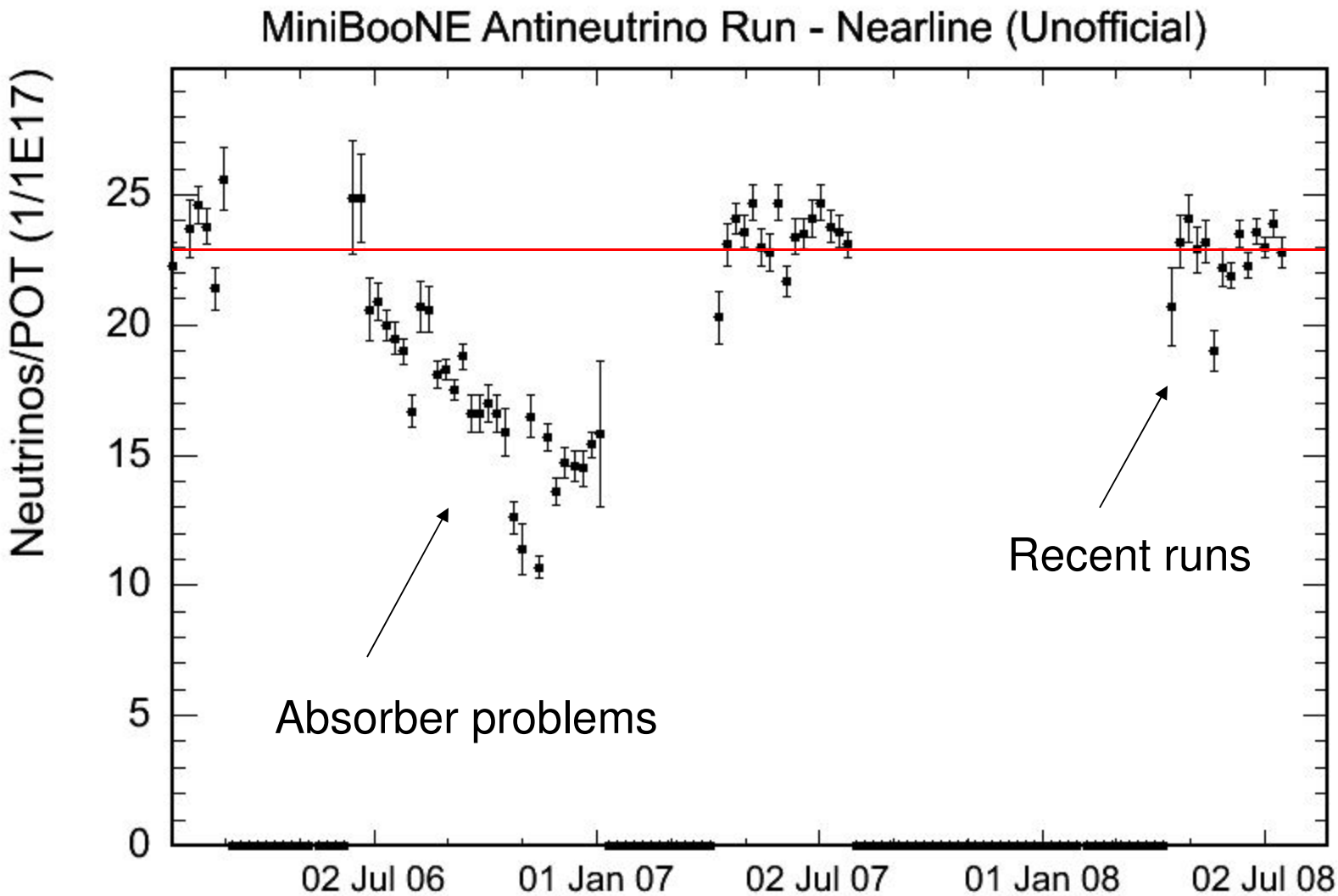
Latest week: 79.7 %

One Week MB Proton/Hr Summary



- Operational limit 9E16 p/hr

AntiNeutrino/POT (Unofficial)



This week plan

- Continue stable running
- Original antinu data collected 2.33E20 POT (2.03E20POT derated for absorbers)
- Collected 0.92E20POT since April 21/08 switch to antineutrino mode