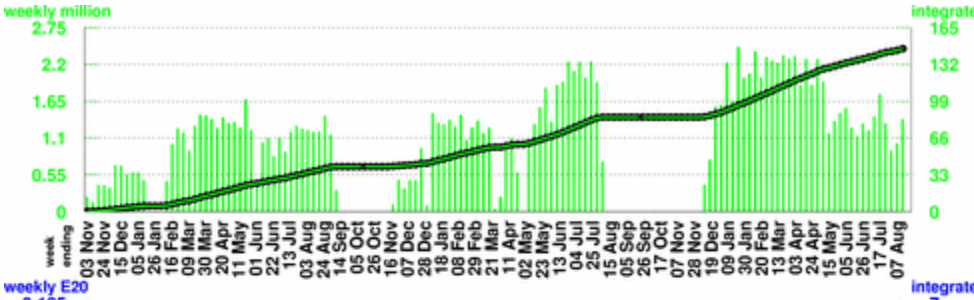
MiniBooNE Report

Richard Van de Water
Los Alamos National Lab
for the MiniBooNE collaboration

08 AUGUST 2005

01 – 07 August

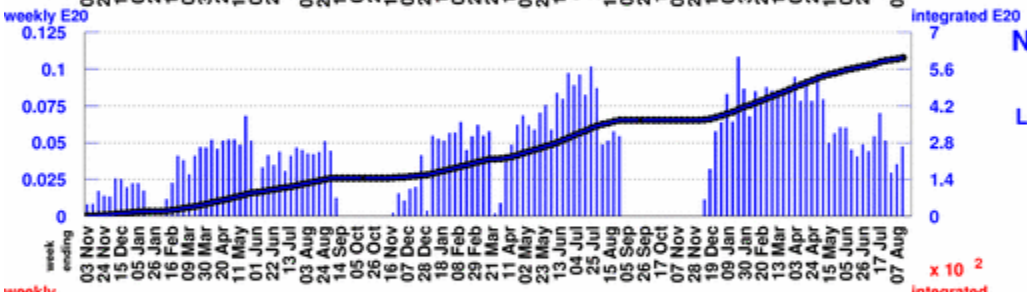


Number of Horn Pulses

To date: 146.15 million

Largest week: 2.46 million

Latest week: 1.38 million

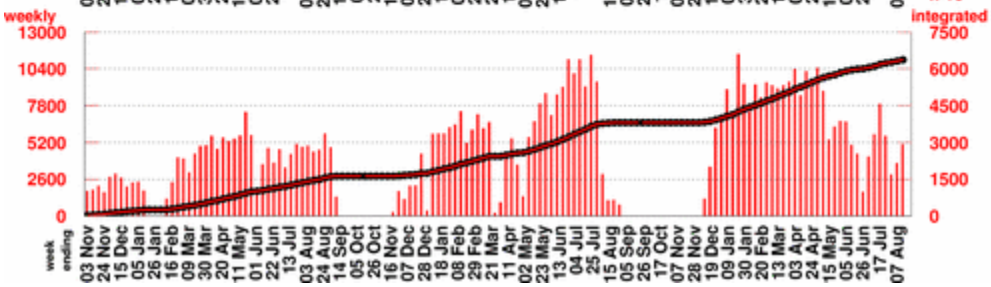


Number of Protons on Target

To date: 6.0403 E20

Largest week: 0.1084 E20

Latest week: 0.0473 E20

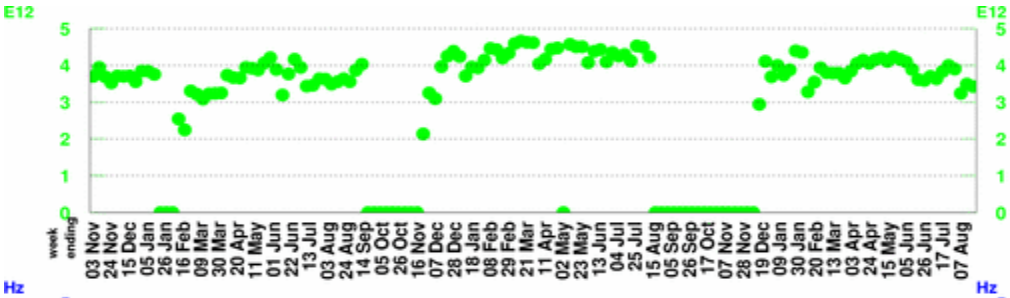


Number of Neutrino Events

To date:636421

Largest week: 11447

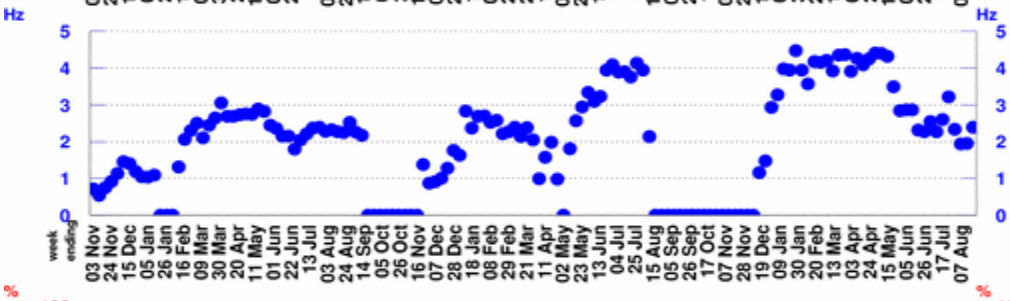
Latest week: 5040



POT per Horn Pulse

Largest week: 4.66 E12

Latest week: 3.43 E12

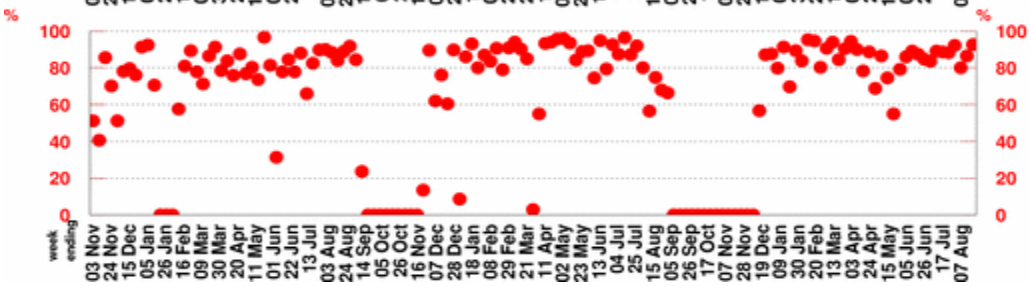


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 2.39 Hz



Beam Uptime Fraction

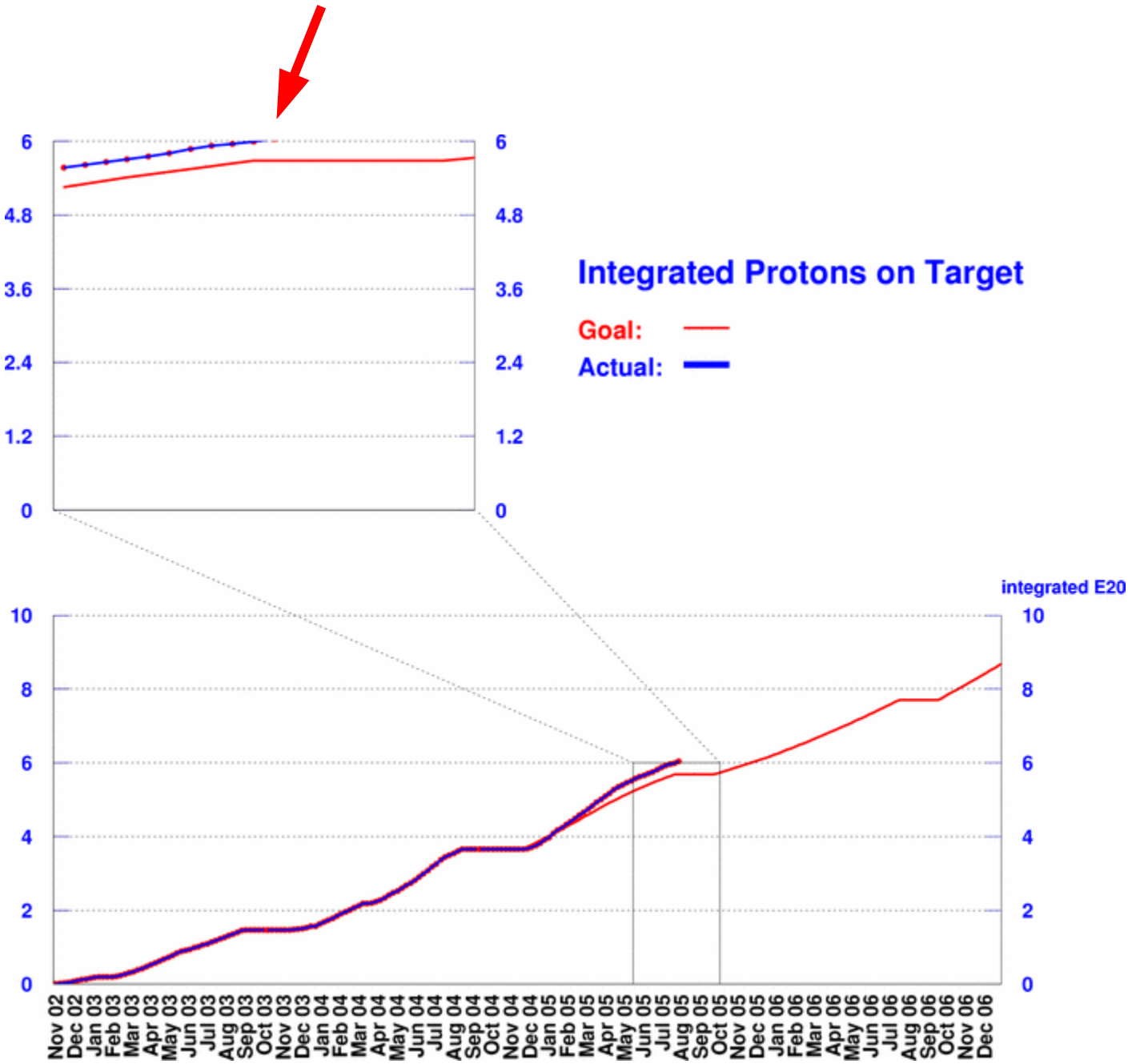
(fraction of time with beam)

Largest week: 96.6 %

Latest week: 92.7 %

01 – 07 August

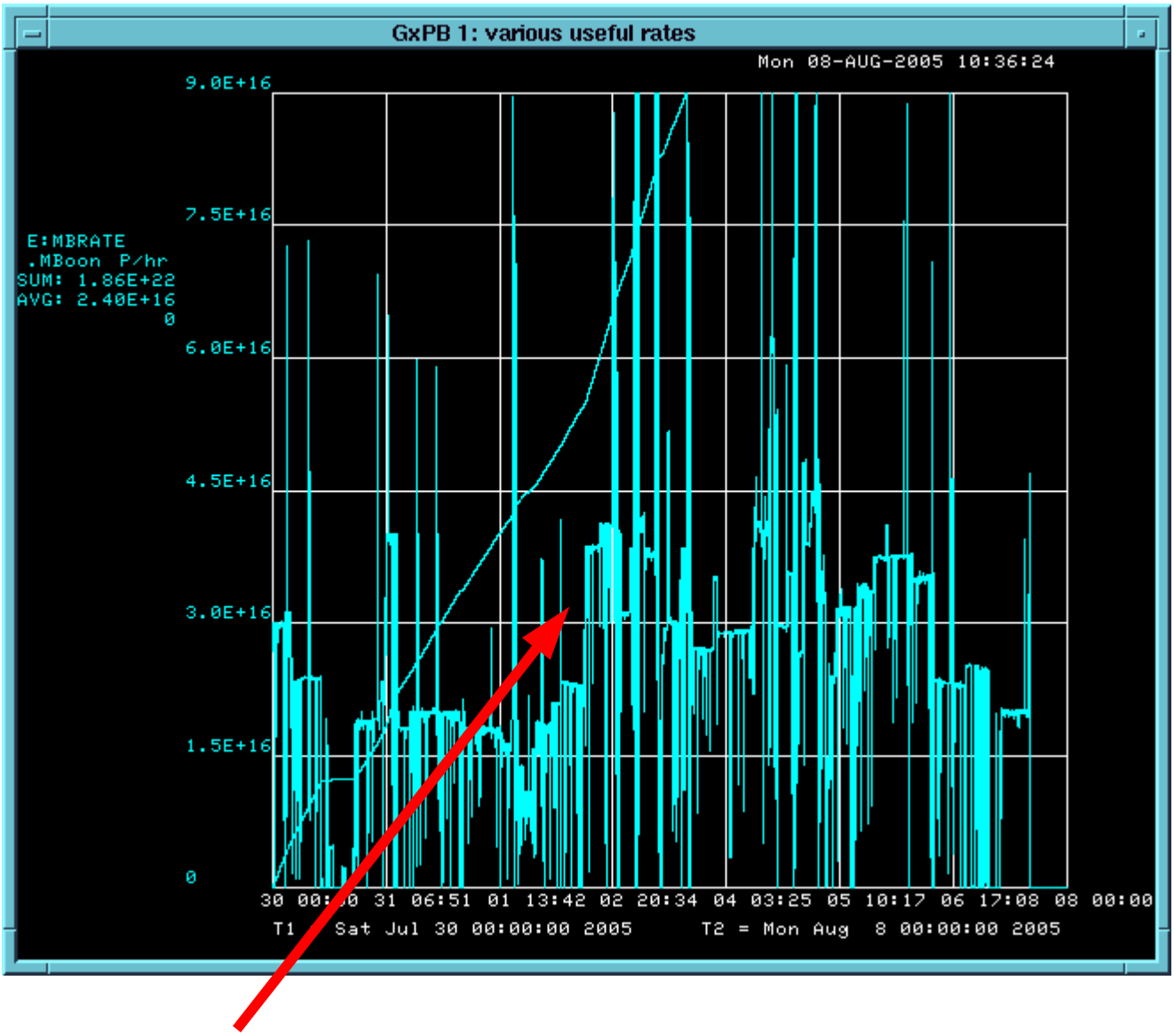
6E20 POT milestone



MiniBooNE Uptime 90%

- Reached 6e20 POT last week!!!
- Booster tune during middle of the week double rate to ~4E16 P/hr.
- Booster RF trouble on the weekend, hope to get back to 4E16 running after RF fix.
- Detector running well, ~100% livetime.

MiniBooNE Weekly Proton Summary



Improved tune, no affect to Pbar/NUMI, helps our overall physics goals, much appreciated!!!