

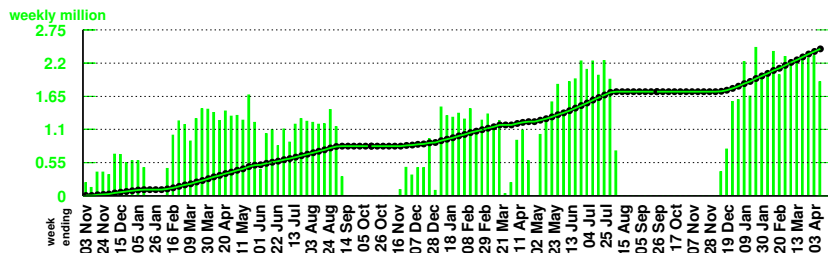
MiniBooNE Report

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(for MiniBooNE Collaboration)

4th March, 2005

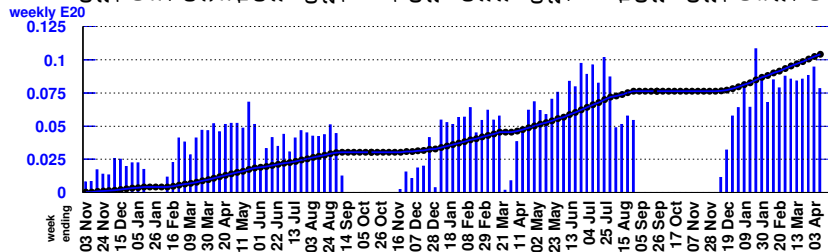
Last Week Developments:

- The HV860-2 magnet in the MiniBooNE beamline was broken from Thursday 2pm until Friday 5pm → No Beam to MiniBooNE!
- Thanks to the Accelerator Division for successfully fixing the magnet on short time scale!
- The uptime was 78.4% which is dominated by “day plus a few hours” off to fix the magnet.
- We accumulated our first 5×10^{20} protons on Sunday April 3rd 2005, at 1:00 am CT!



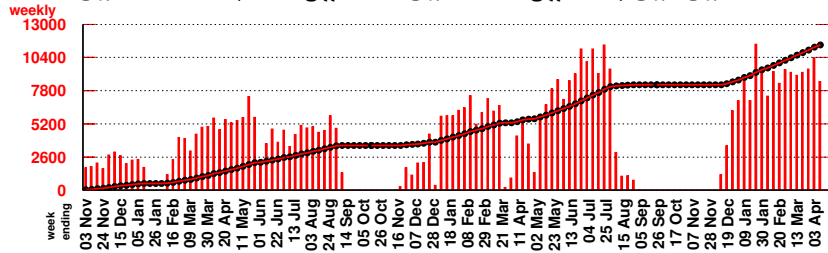
Number of Horn Pulses

To date: 119.54 million
 Largest week: 2.46 million
 Latest week: 1.89 million



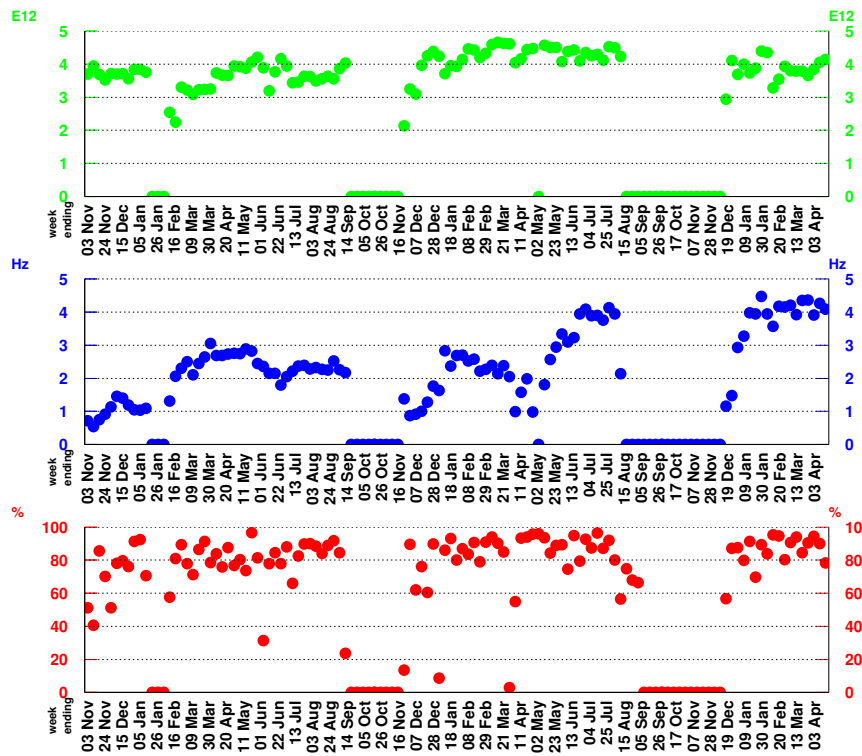
Number of Protons on Target

To date: 5.0024 E20
 Largest week: 0.1084 E20
 Latest week: 0.0784 E20



Number of Neutrino Events

To date: 525843
 Largest week: 11447
 Latest week: 8517



POT per Horn Pulse

Largest week: 4.66 E12
 Latest week: 4.14 E12

Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz
 Latest week: 4.09 Hz

Beam Uptime Fraction

(fraction of time with beam)

Largest week: 96.6 %
 Latest week: 78.4 %