

MiniBooNE Report

Paul Nienaber

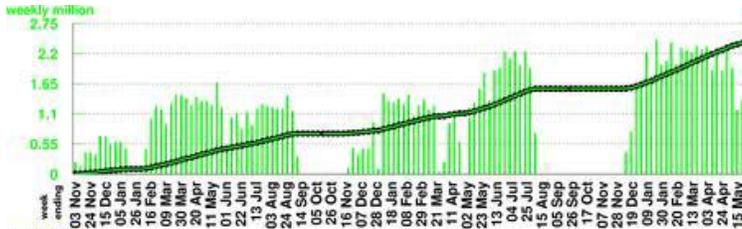
Saint Mary's University of Minnesota
for the MiniBooNE collaboration

23 May 2005

9 May – 23 May

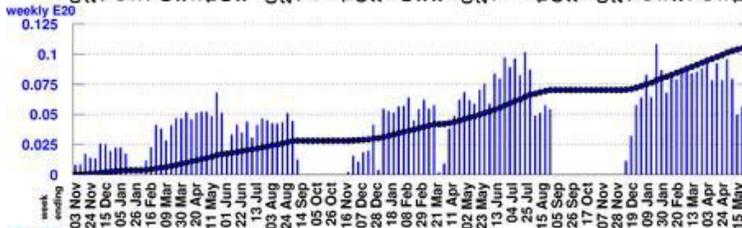
- uptime: 86%
- two main downtime periods
 - Thursday May 12: foil installation
 - Tuesday May 17: foil calibration

9 May – 23 May



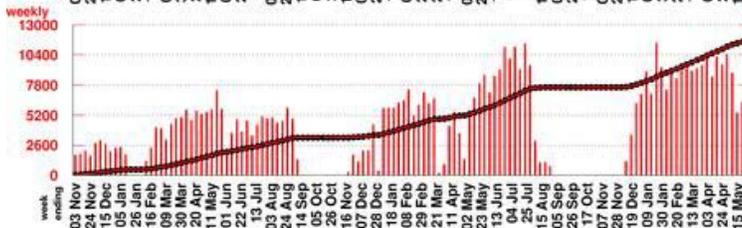
Number of Horn Pulses

To date: 131.91 million
 Largest week: 2.46 million
 Latest week: 1.47 million



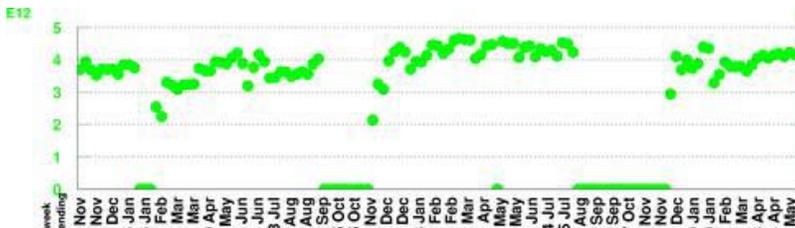
Number of Protons on Target

To date: 5.5142 E20
 Largest week: 0.1084 E20
 Latest week: 0.0604 E20



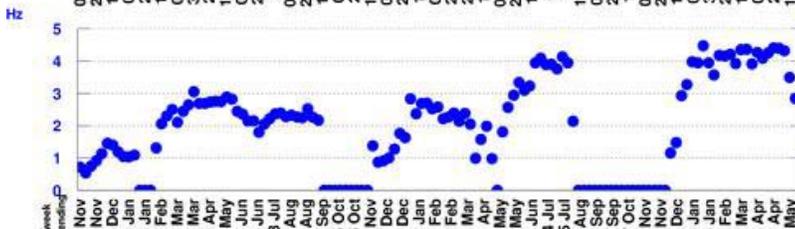
Number of Neutrino Events

To date: 582947
 Largest week: 11447
 Latest week: 6242



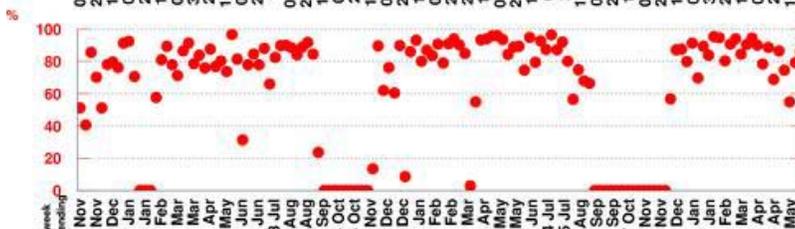
POT per Horn Pulse

Largest week: 4.66 E12
 Latest week: 4.1 E12



Horn Rate

(for time periods with beam)
 Largest week: 4.48 Hz
 Latest week: 2.87 Hz



Beam Uptime Fraction

(fraction of time with beam)
 Largest week: 96.6 %
 Latest week: 86.1 %