

# **MiniBooNE Report**

Paul Nienaber

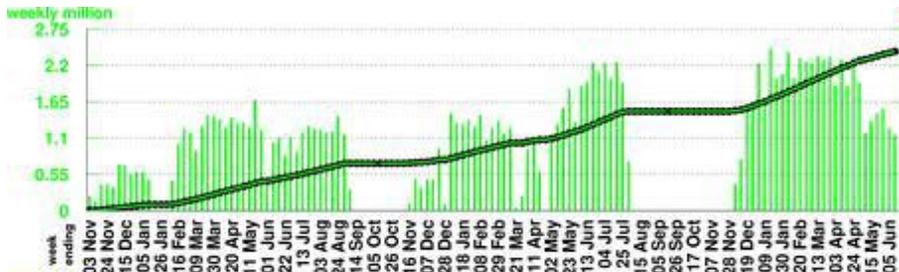
Saint Mary's University of Minnesota  
for the MiniBooNE collaboration

**13 JUNE 2005**

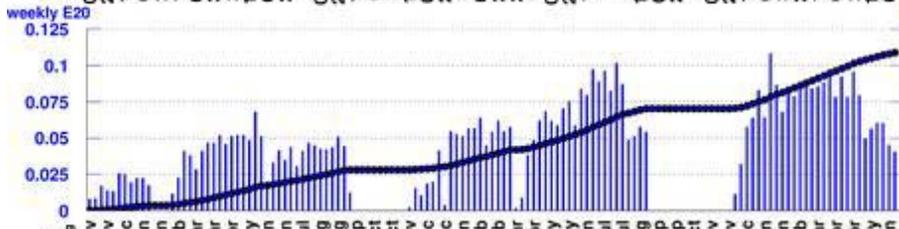
# 05 June – 11 June

- uptime: 84%
- two main downtime periods
  - 12 hours down Tuesday June 7:  
Booster magnet PS repair
  - 5 hours down Thursday June 9:  
Booster kicker problems

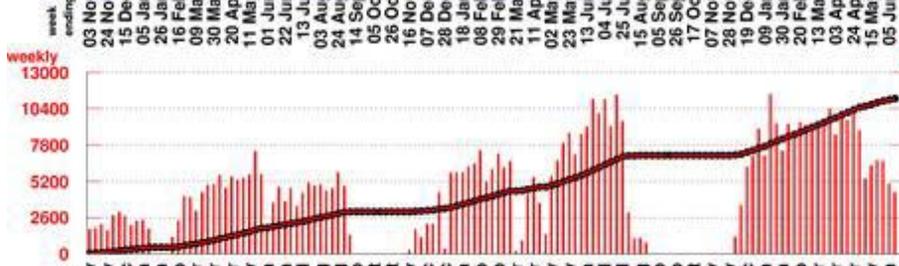
# 05 June – 11 June



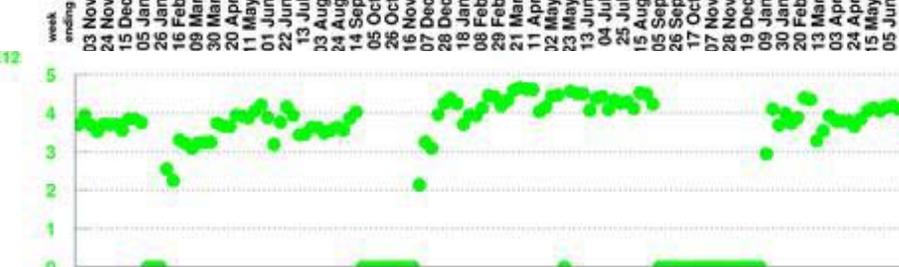
**Number of Horn Pulses**  
 To date: 135.84 million  
 Largest week: 2.46 million  
 Latest week: 1.13 million



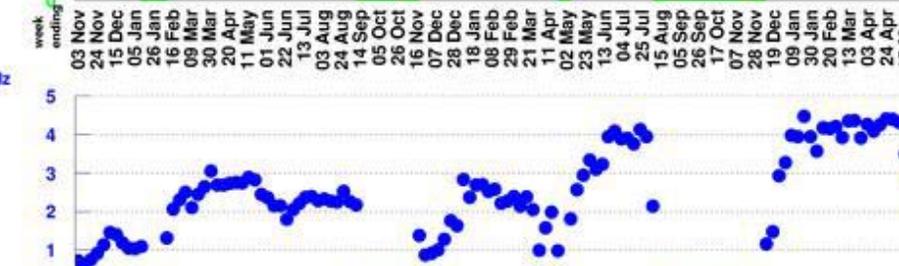
**Number of Protons on Target**  
 To date: 5.6598 E20  
 Largest week: 0.1084 E20  
 Latest week: 0.0404 E20



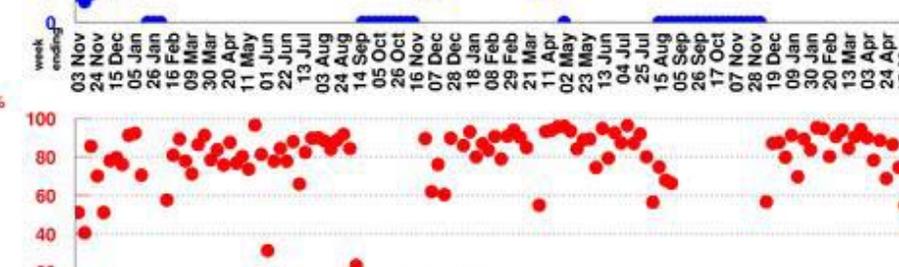
**Number of Neutrino Events**  
 To date: 599483  
 Largest week: 11447  
 Latest week: 4385



**POT per Horn Pulse**  
 Largest week: 4.66 E12  
 Latest week: 3.59 E12



**Horn Rate**  
 (for time periods with beam)  
 Largest week: 4.48 Hz  
 Latest week: 2.27 Hz



**Beam Uptime Fraction**  
 (fraction of time with beam)  
 Largest week: 96.6 %  
 Latest week: 84.8 %