

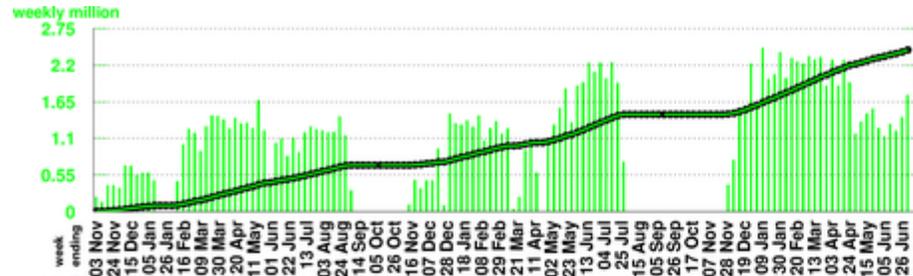
MiniBooNE Report

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for the MiniBooNE collaboration

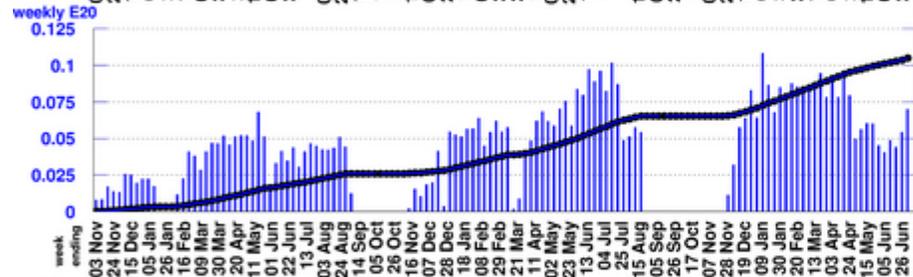
11 JULY 2005

27 June – 10 July



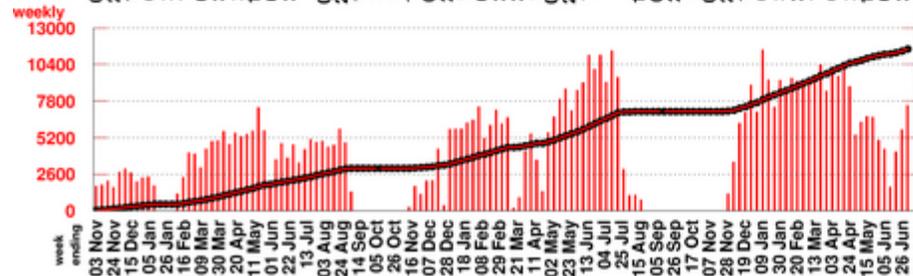
Number of Horn Pulses

To date: 141.53 million
 Largest week: 2.46 million
 Latest week: 1.75 million



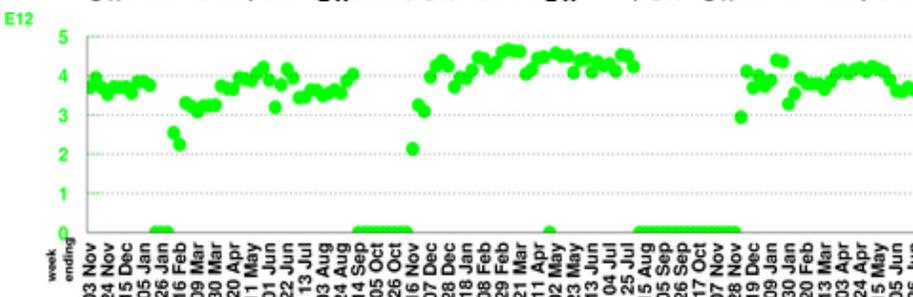
Number of Protons on Target

To date: 5.8767 E20
 Largest week: 0.1084 E20
 Latest week: 0.07 E20



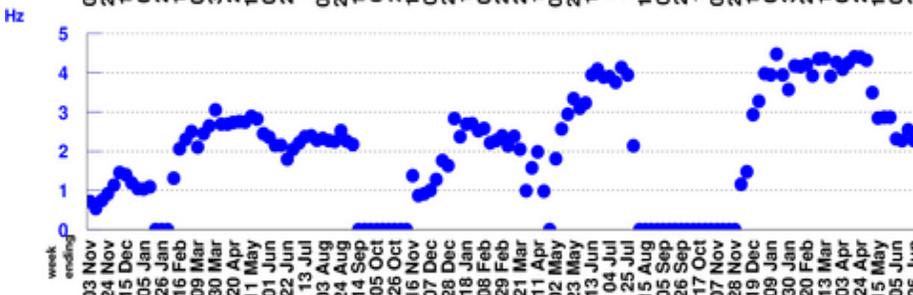
Number of Neutrino Events

To date: 618626
 Largest week: 11447
 Latest week: 7490



POT per Horn Pulse

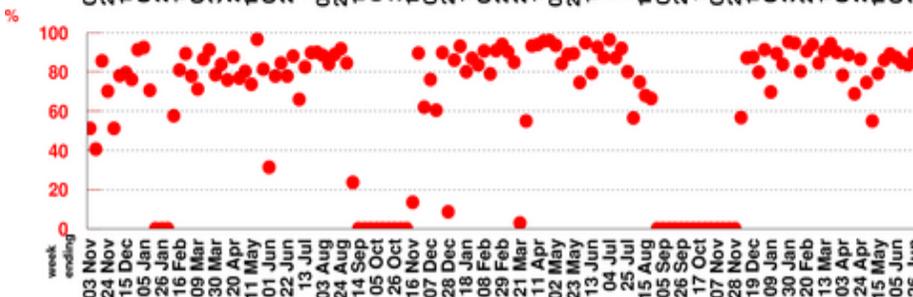
Largest week: 4.66 E12
 Latest week: 4 E12



Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz
 Latest week: 3.22 Hz



Beam Uptime Fraction

(fraction of time with beam)

Largest week: 96.6 %
 Latest week: 88.3 %

27 June – 10 July

- no experiment-driven downtime in two weeks
- 33/42 shifts with >90% uptime
- **thanks to MCR/operations for increasing intensities to MiniBooNE when possible**
- 7.9E16 protons/hour on 7/04: close to record intensity
- **thanks also to FESS for keeping on top of MI-12A HVAC/heat load issues**

uptime 91%

date	length	cause
Saturday July 2	4 hours	LINAC
Sunday July 3	6 hours	MI transformer replacement, H source
Thursday July 7	4 hours	MI50 access, LINAC
Friday July 8	6 hours	LINAC, Booster studies