MiniBooNE Report

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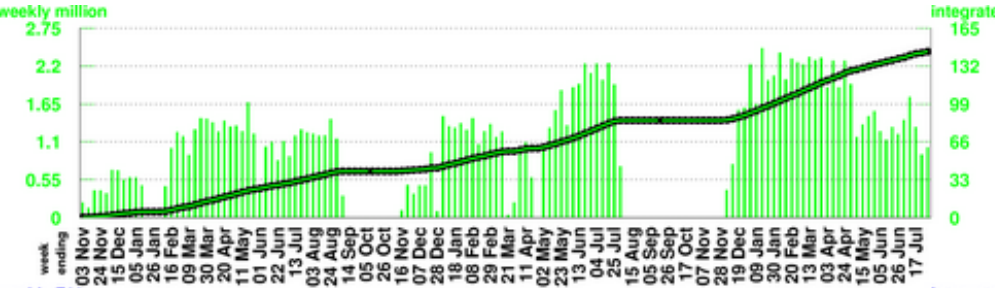
for the MiniBooNE collaboration

01 AUGUST 2005

25 July – 01 August

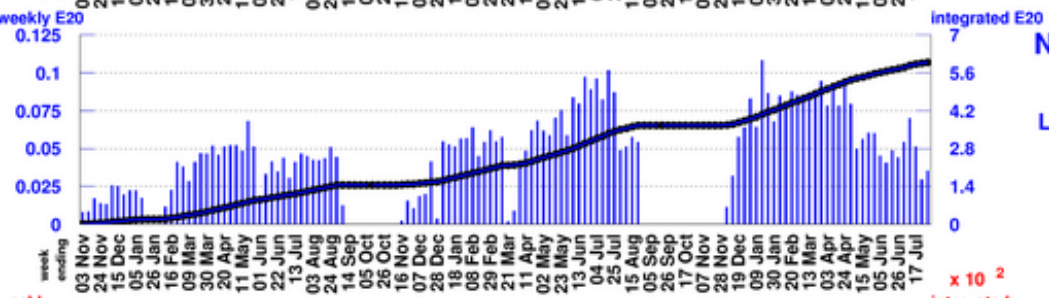


Number of Horn Pulses

To date: 144.77 million

Largest week: 2.46 million

Latest week: 1.01 million

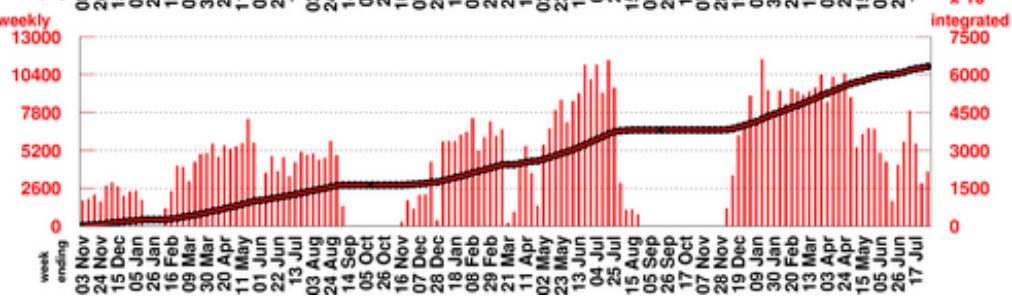


Number of Protons on Target

To date: 5.993 E20

Largest week: 0.1084 E20

Latest week: 0.0354 E20

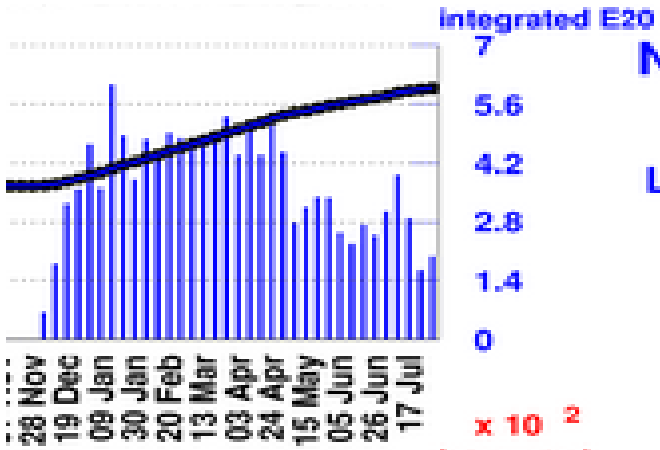


Number of Neutrino Events

To date: 631381

Largest week: 11447

Latest week: 3744



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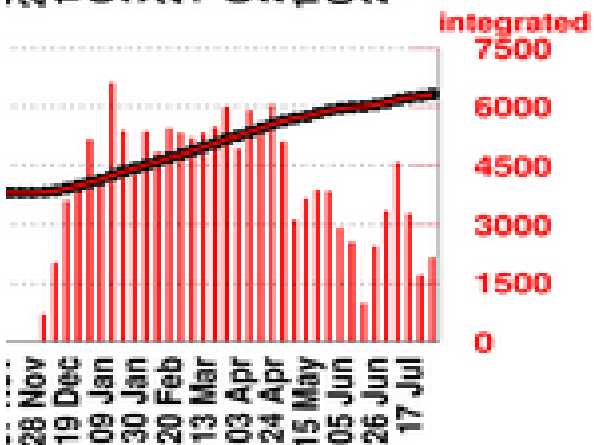

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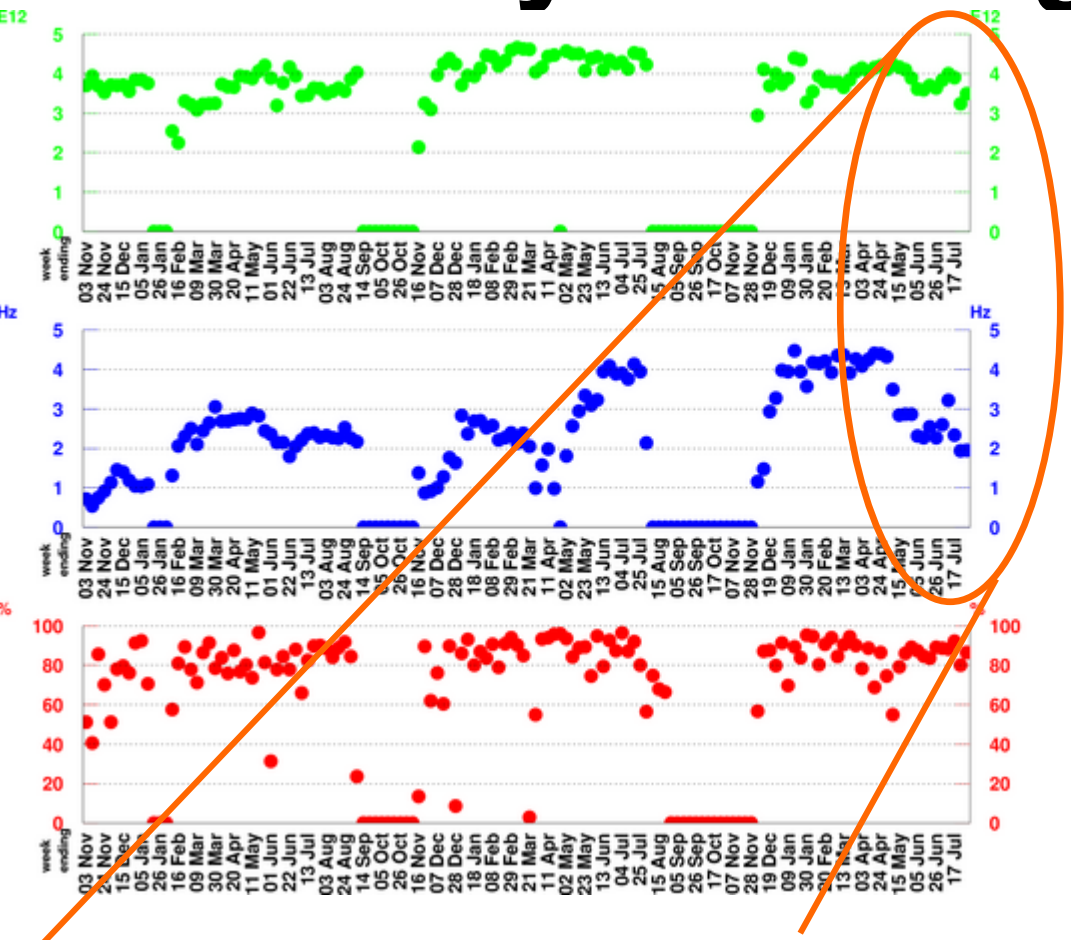
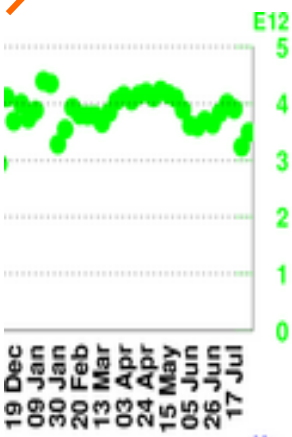
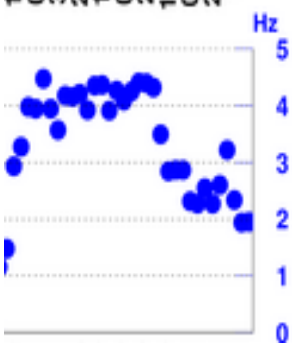




POT per Horn Pulse

Largest week: 4.66 E12

Latest week: 3.49 E12



Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.95 Hz

- POT / pulse & rep rate both low this week
- Recall MB's results are statistics-driven
- For POT for MB, it's not "more = better", but "more = crucial"

uptime 87%

out of 21 shifts, 16 had 90+% uptime

date	length	cause
Monday July 25	10 hours	Booster/MI access & repair
Saturday July 30	7 hours	Booster kicker replacement