

MiniBooNE

All Experimenters' Meeting

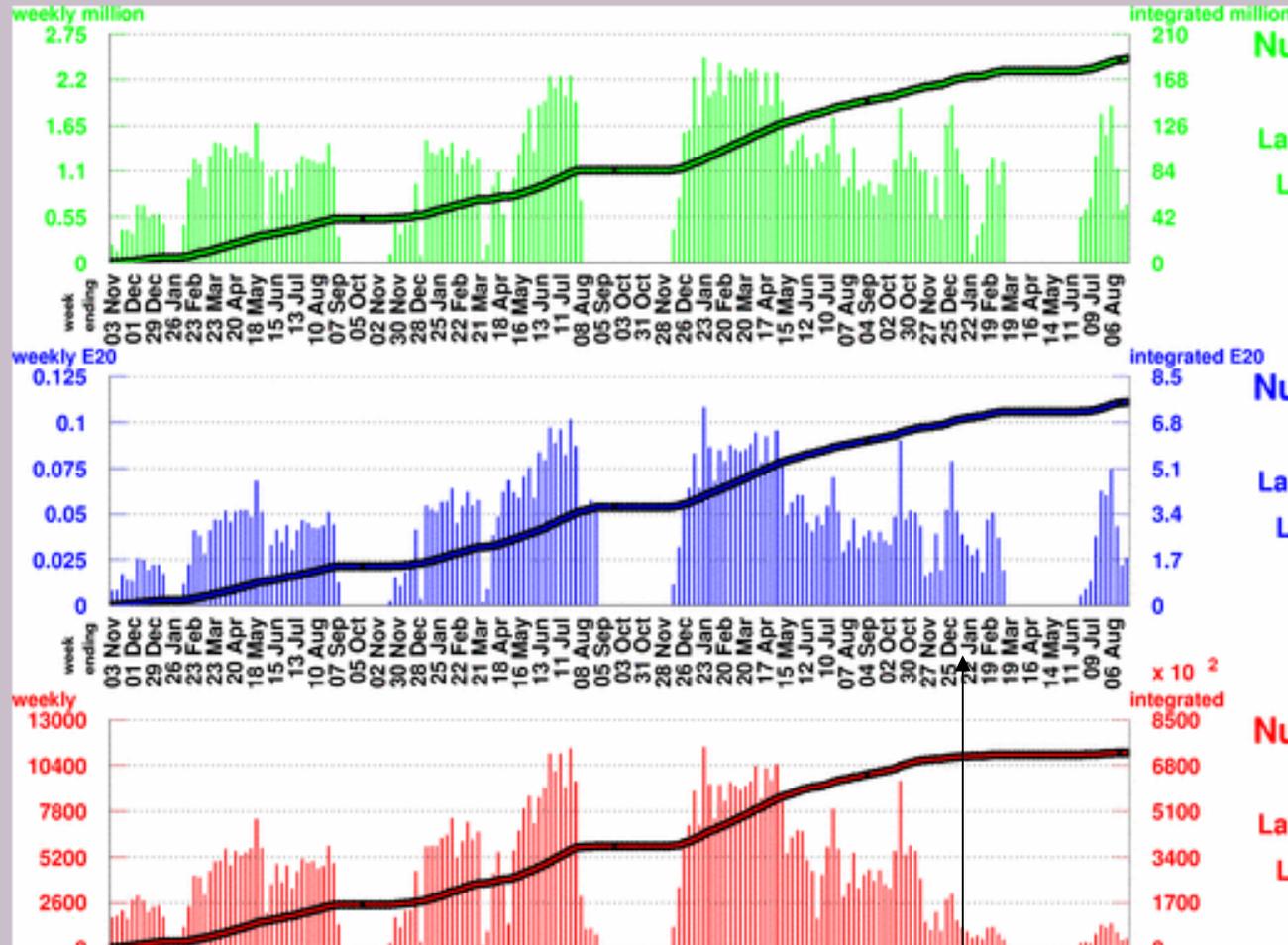
Ray Stefanski

August 14, 2006

83.4 % up time
 2.98 E+18 total protons
 2.13 E+16 average protons/hour
 6.77 E+16 maximum protons/hr

~95M pulses

> 100M pulses



Number of Horn Pulses

To date: 186.83 million
 Largest week: 2.46 million
 Latest week: 0.7 million

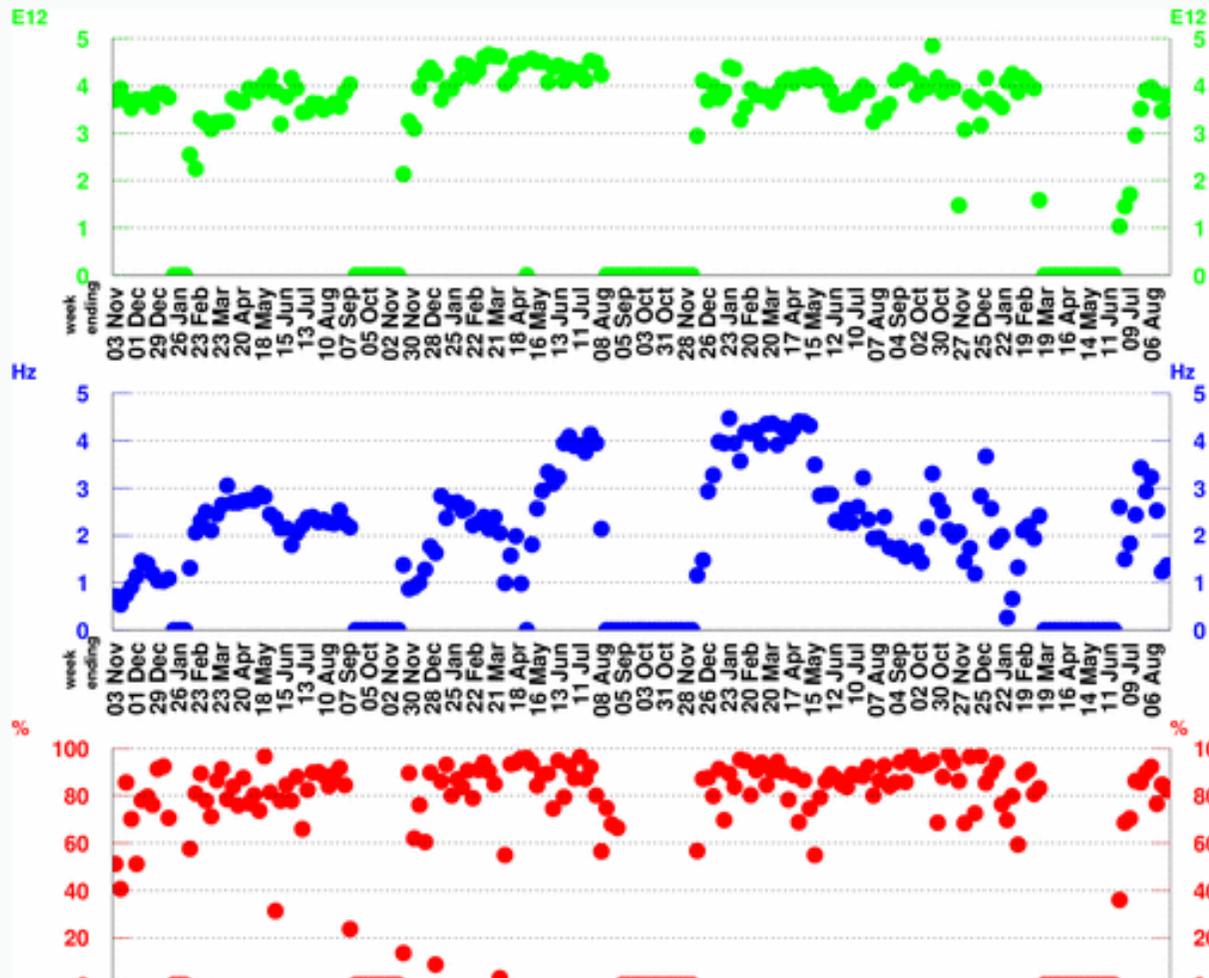
Number of Protons on Target

To date: 7.557 E20
 Largest week: 0.1084 E20
 Latest week: 0.0263 E20

Number of Neutrino Events

To date: 728257
 Largest week: 11447
 Latest week: 541

Changed to nu_bar beam in 1st week of January.



POT per Horn Pulse

Largest week: 4.85 E12
 Latest week: 3.79 E12

Horn Rate

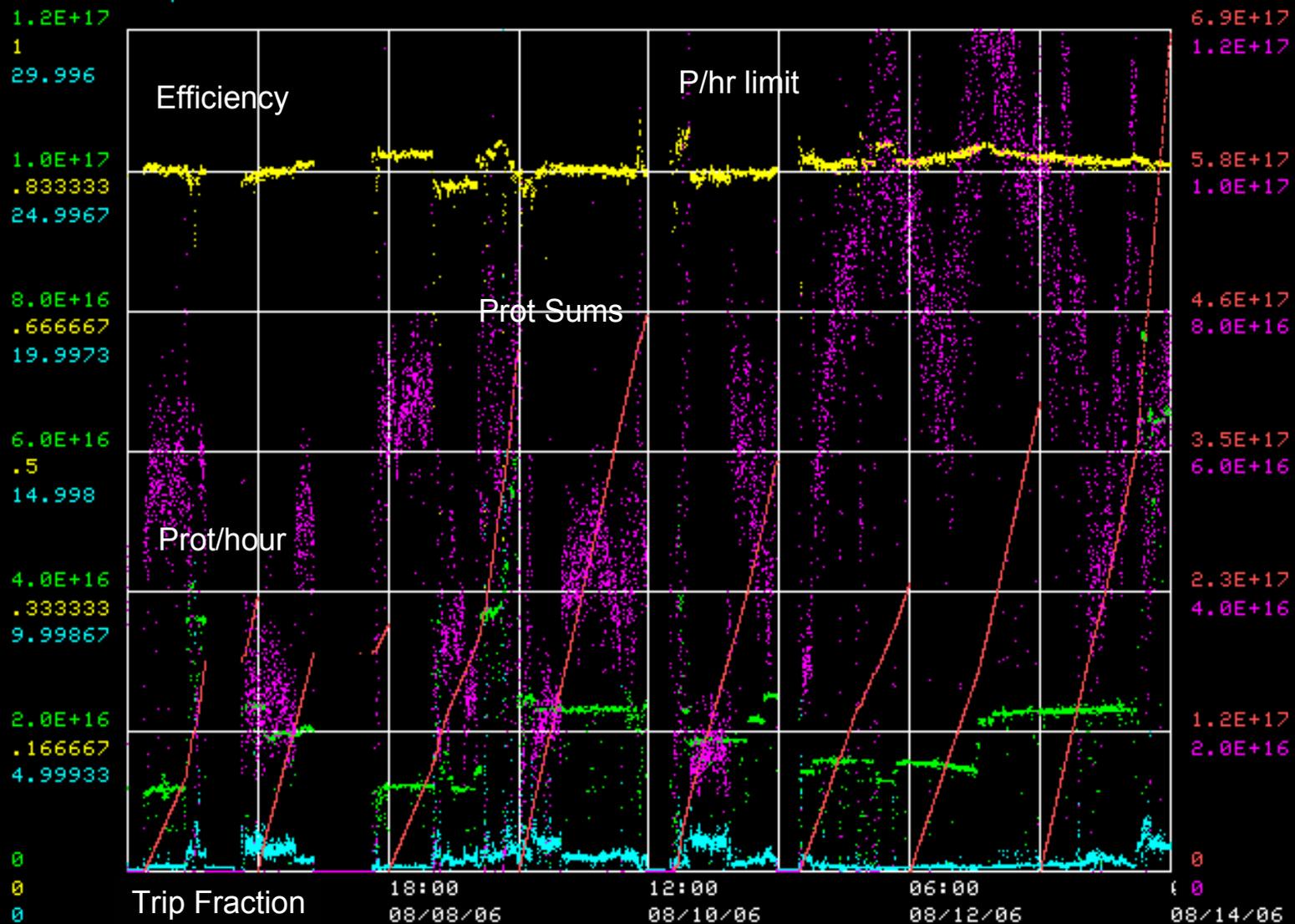
(for time periods with beam)
 Largest week: 4.48 Hz
 Latest week: 1.37 Hz

Beam Uptime Fraction (fraction of time with beam)

Largest week: 97.4 %
 Latest week: 82.4 %

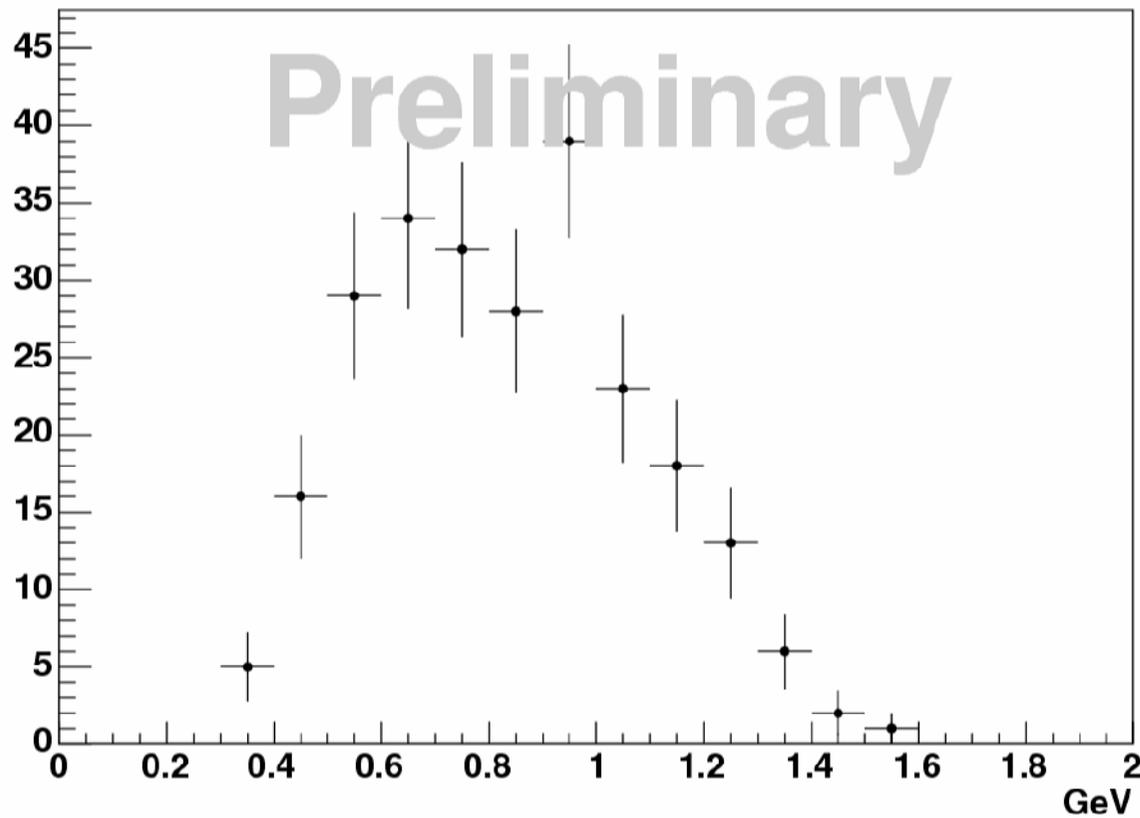
Linux GxPB 1 Booster Charge History

Prot/hour : event 1D at 34->34ms. Prot sums : event 1D at 34->34ms.
 Efficiency: event 1D at 34->34ms. P/hr Limit: event 1D
 Trip Fract: event 1D



Looking for a good plot for this week!

Quasi-Elastic Energy Distribution for Muon Anti-Neutrinos



A first look at a quasi-elastic energy distribution from the current $\bar{\nu}_\mu$ running period.