

MiniBooNE Report

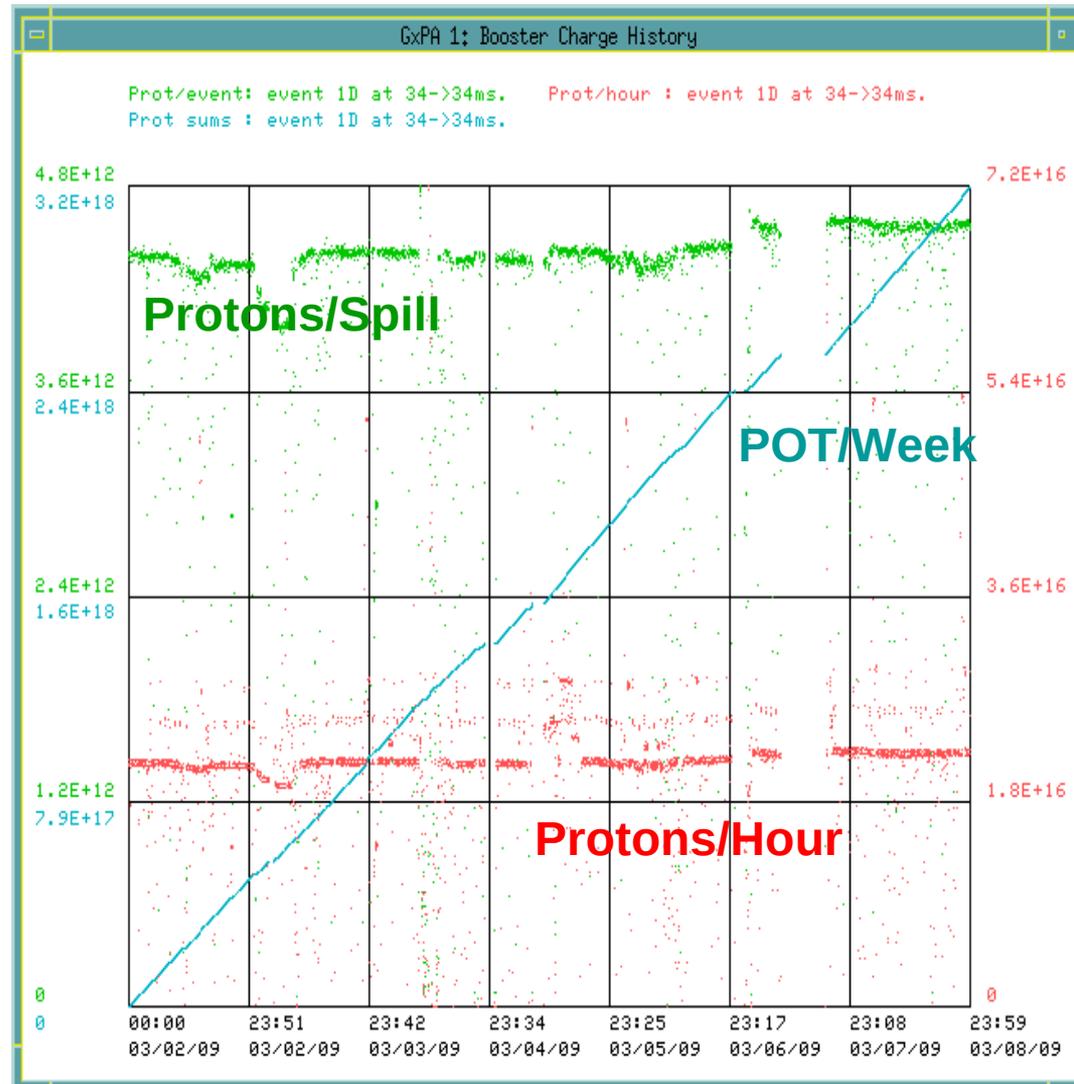
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Los Alamos National Laboratory
for the MiniBooNE collaboration

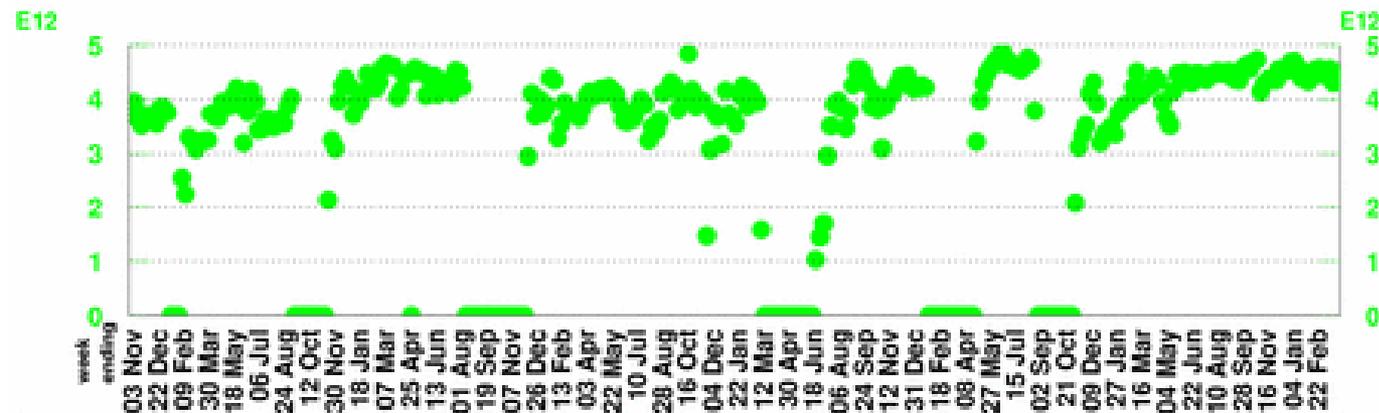
09 March 2009

Week Summary 02 Mar – 09 Mar

- Major downtimes:
 - 2hr Booster RF (03/05)
 - 2hr 400MeV Chopper (03/05)
 - 2hr Change from H- to I- source (03/07)
 - 9hr F-sector access/lightning strike (03/07)



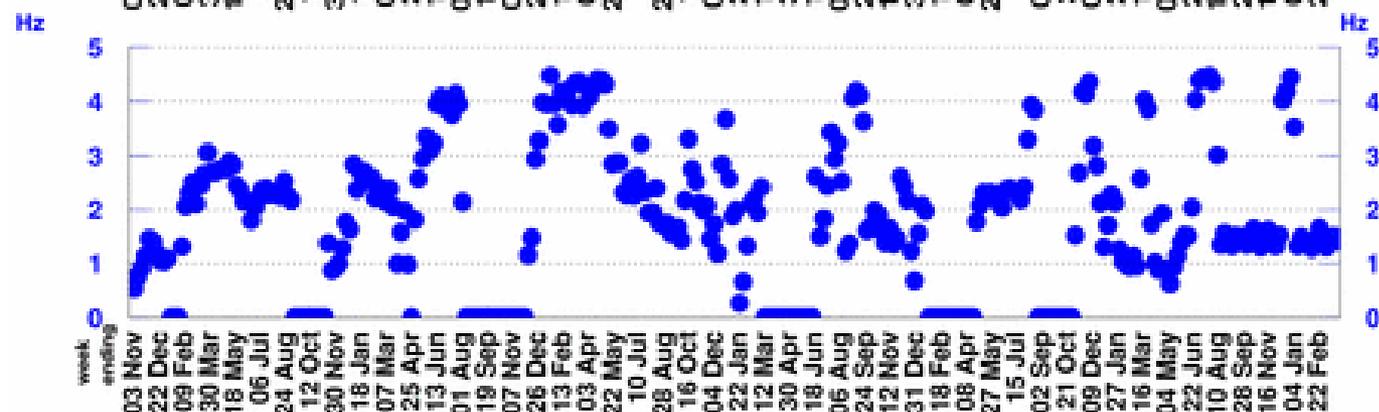
02 Mar – 09 Mar



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.36 E12

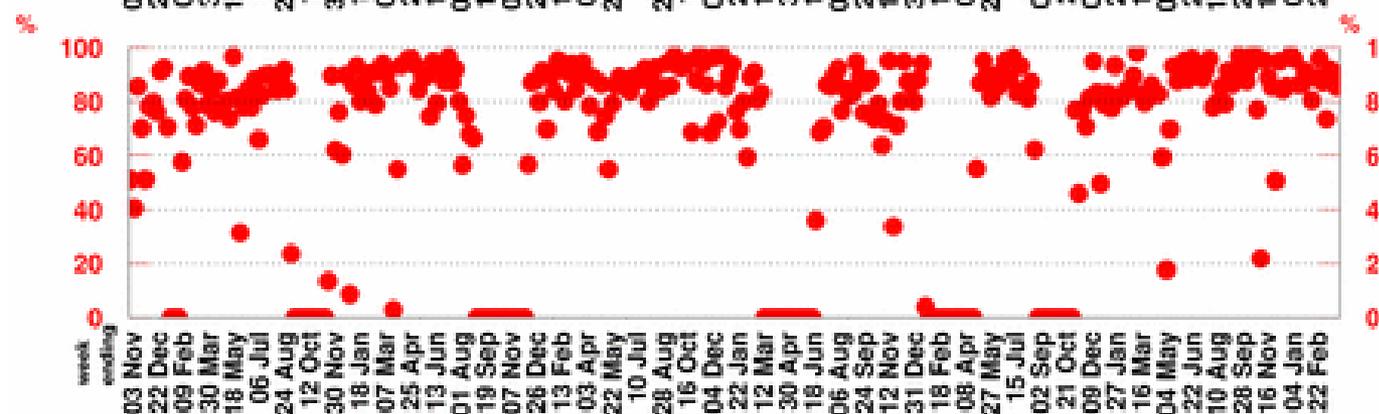


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.41 Hz



Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 85.5 %

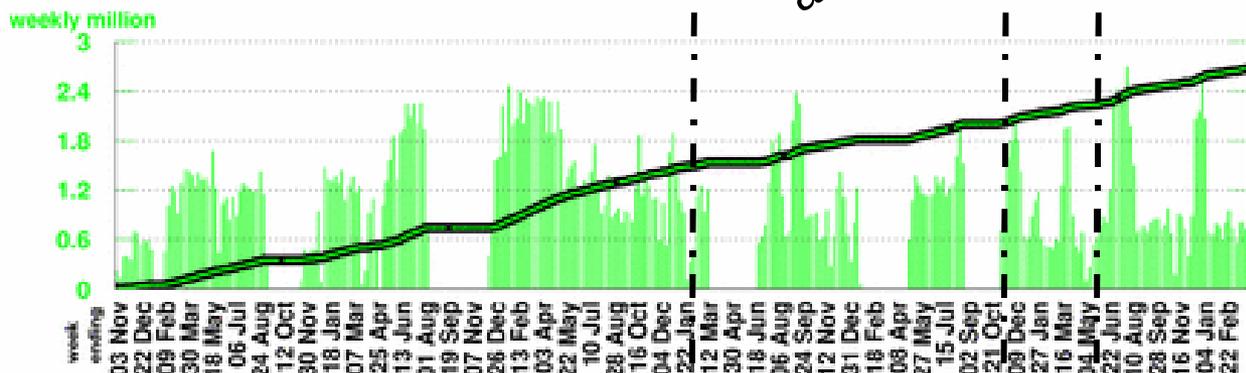
02 Feb – 09 Mar

neutrino

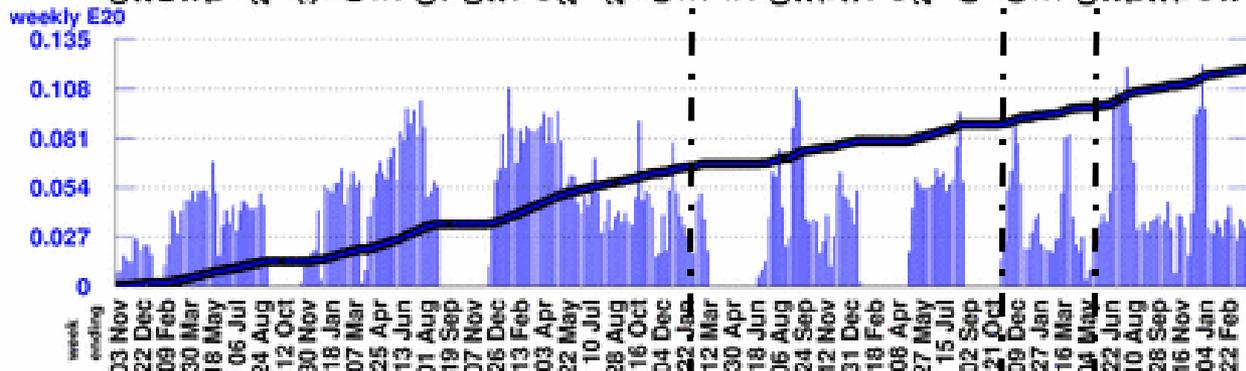
anti-neutrino

neutrino

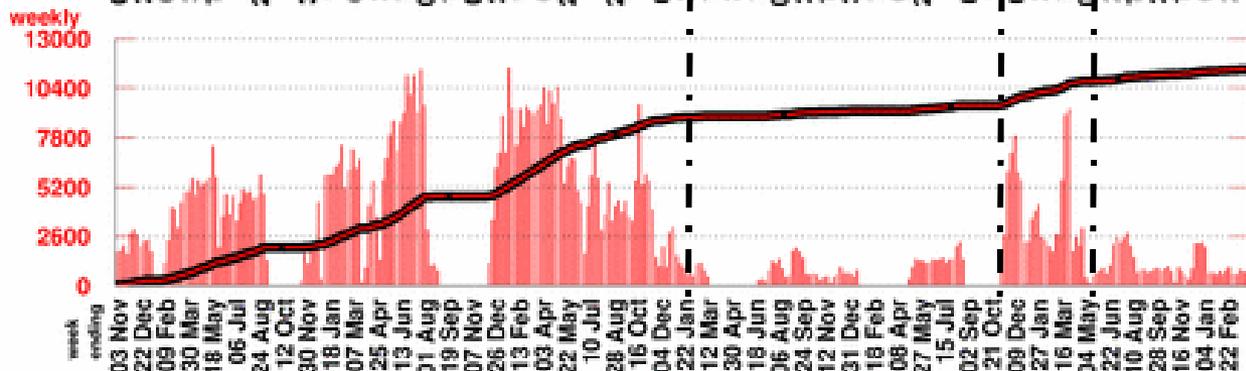
anti-neutrino



Number of Horn Pulses
 To date: 306.83 million
 Largest week: 2.69 million
 Latest week: 0.73 million



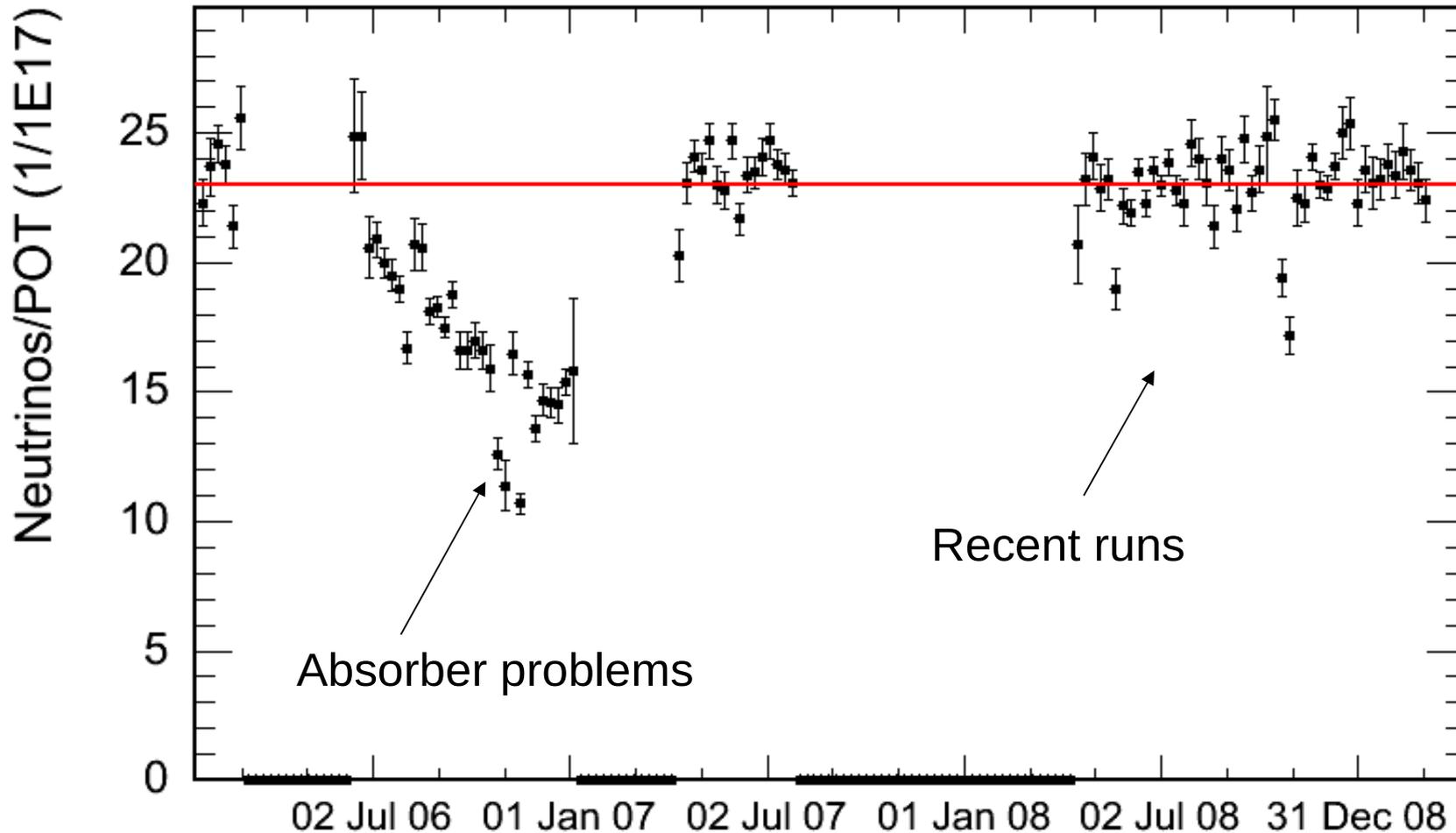
Number of Protons on Target
 To date: 12.773 E20
 Largest week: 0.1208 E20
 Latest week: 0.0317 E20



Number of Neutrino Events
 To date: 920105
 Largest week: 11447
 Latest week: 710

AntiNeutrino/POT (Unofficial)

MiniBooNE Antineutrino Run - Nearline (Unofficial)



Sump pump



- Repaired old sump pump at detector hall
- New lifting device
- Thanks to FESS and Bill Moorhouse

Water leaks

- In past had water leak through penetrations on the wall (MB detector hall)
- Installed gutter underneath
- Thanks to Bill Moorhouse

