MiniBooNE Report

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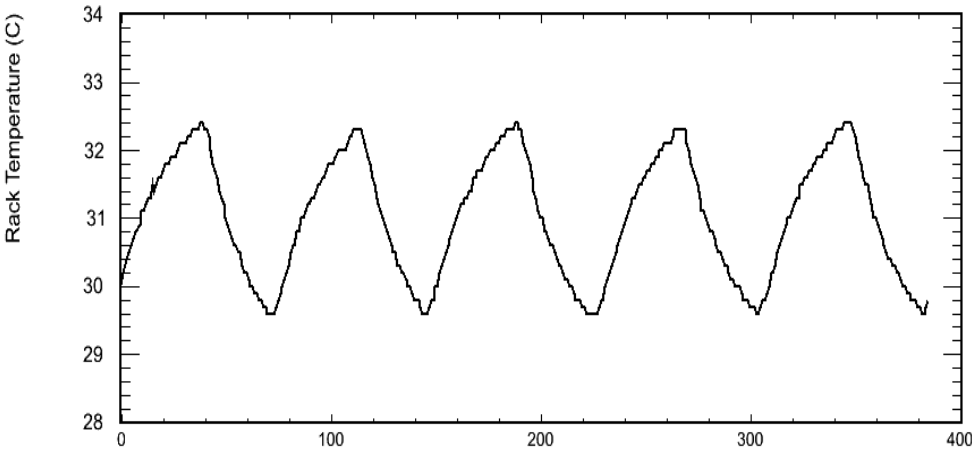
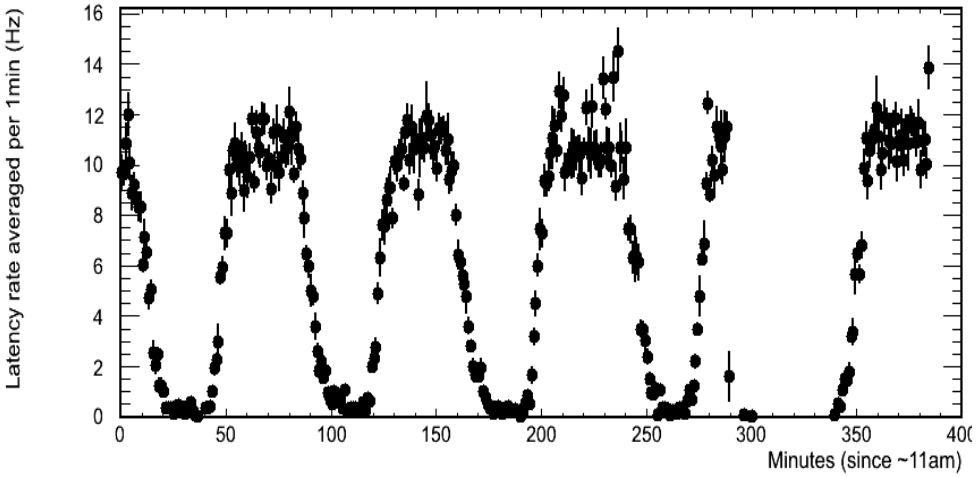
for the MiniBooNE collaboration

16 March 2009

Detector issues

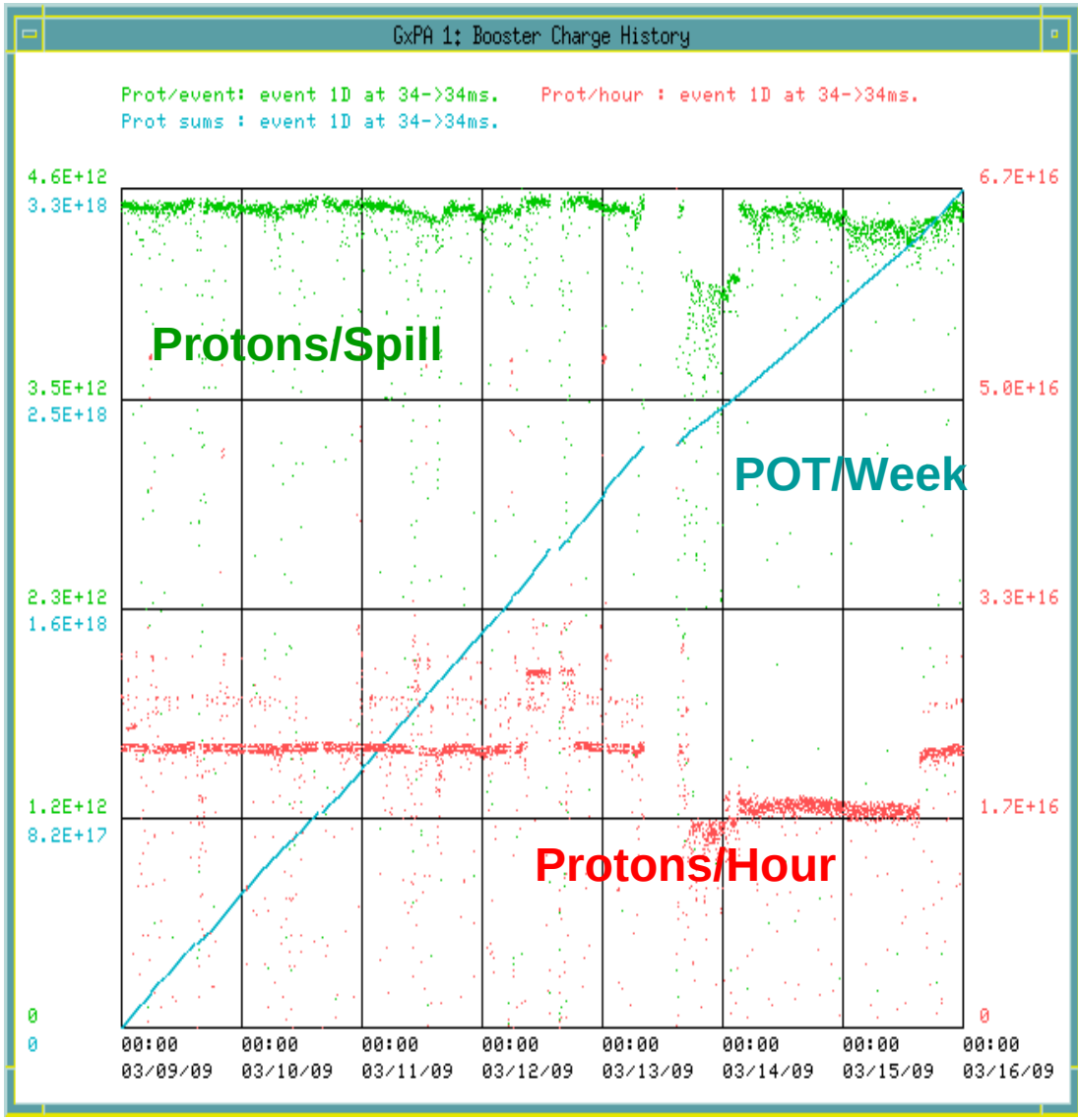
- High latency problem
- Dependant on temperature/humidity inside racks
- Remote experts working with onsite expert found the faulty cable



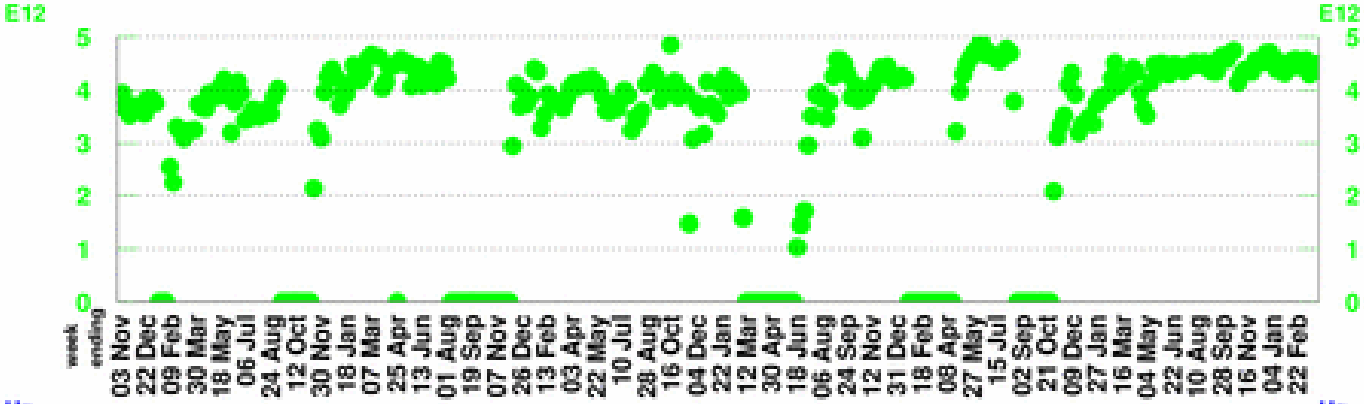


Week Summary 09 Mar – 16 Mar

- Major downtimes:
  - 2hr linac problem (03/12)
  - 6hr power glitch/F-sector access (03/13)



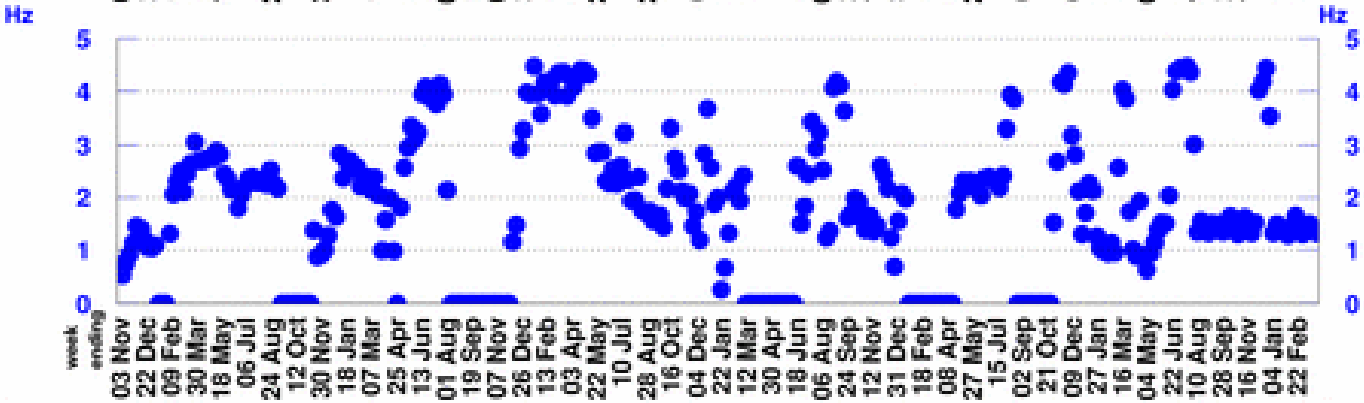
09 Mar – 16 Mar



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.48 E12

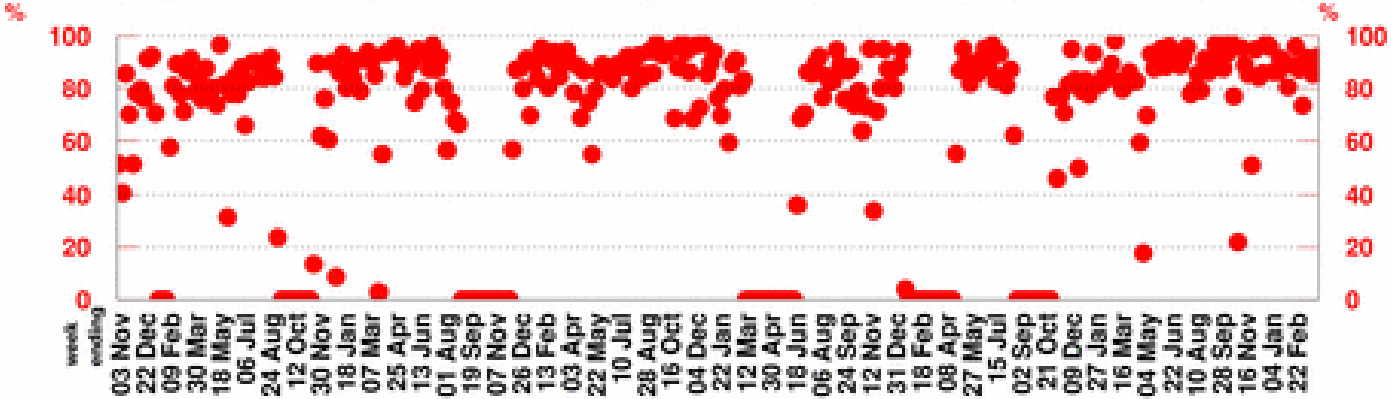


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.32 Hz



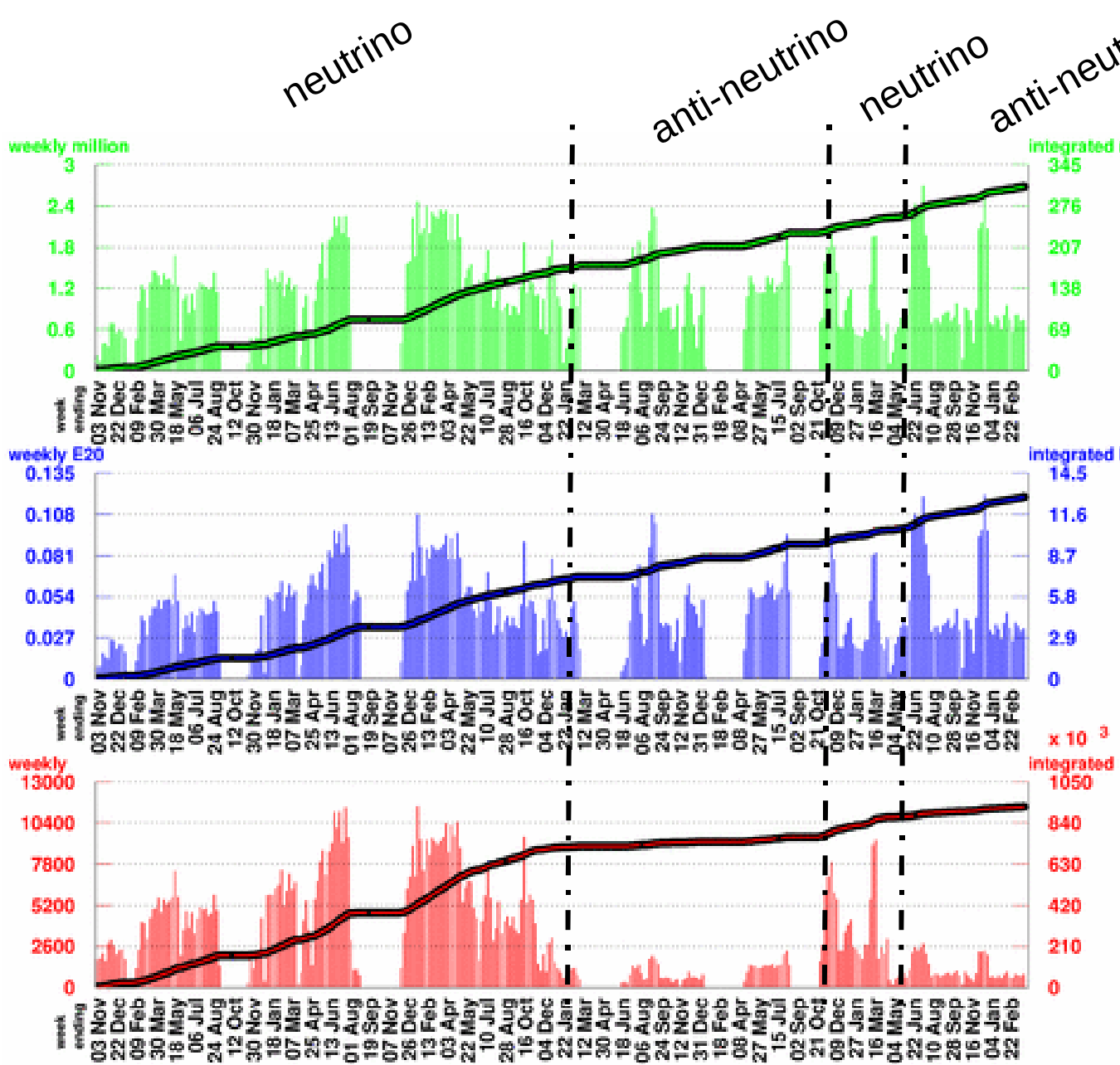
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 92 %

09 Feb – 16 Mar



Number of Horn Pulses

To date: 307.57 million

Largest week: 2.69 million

Latest week: 0.74 million

Number of Protons on Target

To date:12.8062 E20

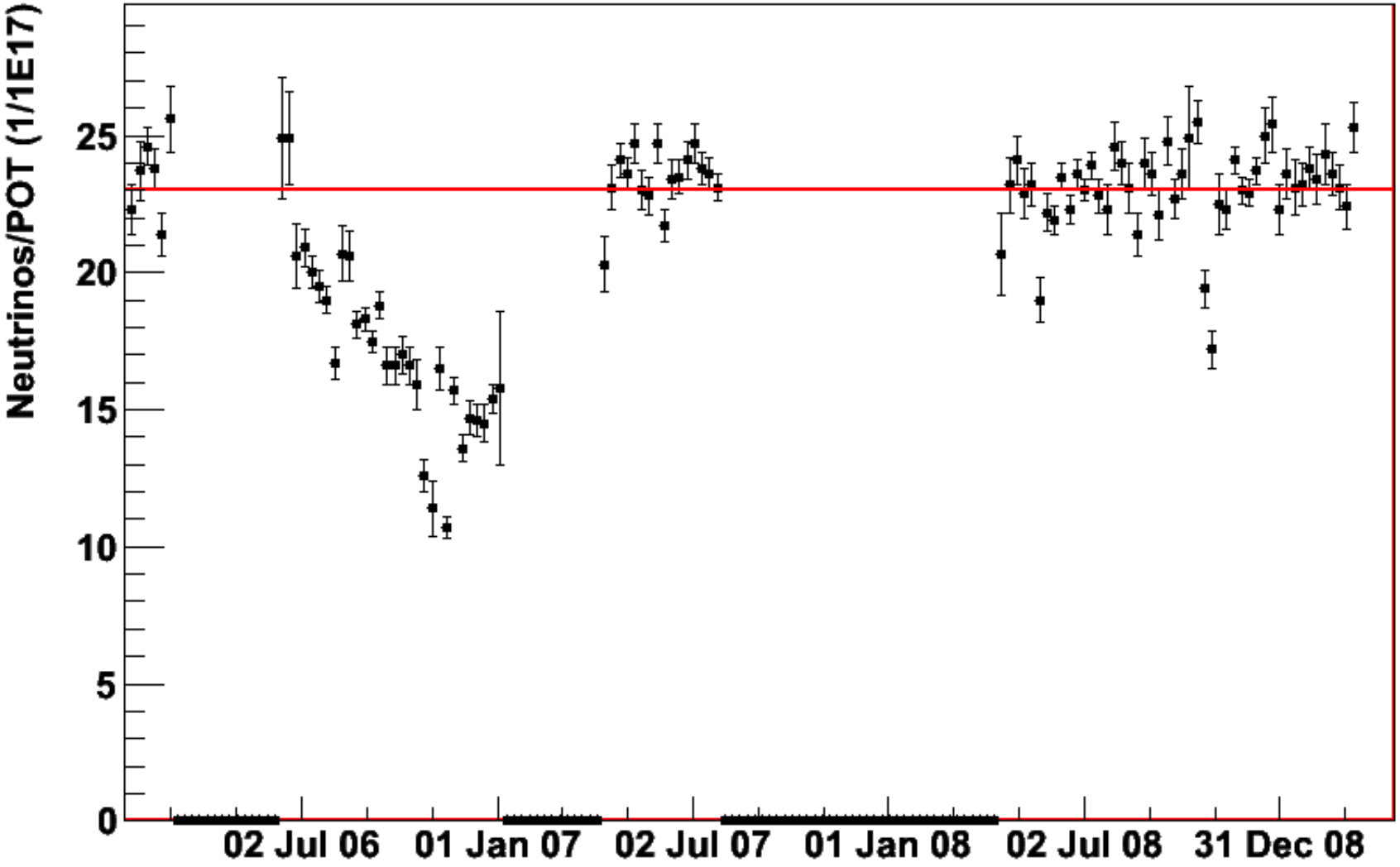
Largest week: 0.1208 E20

Latest week: 0.0331 E20

Number of Neutrino Events

To date:920944

Largest week: 11447

Latest week: 839

AntiNeutrino/POT (Unofficial)