

MiniBooNE Report

Žarko Pavlović

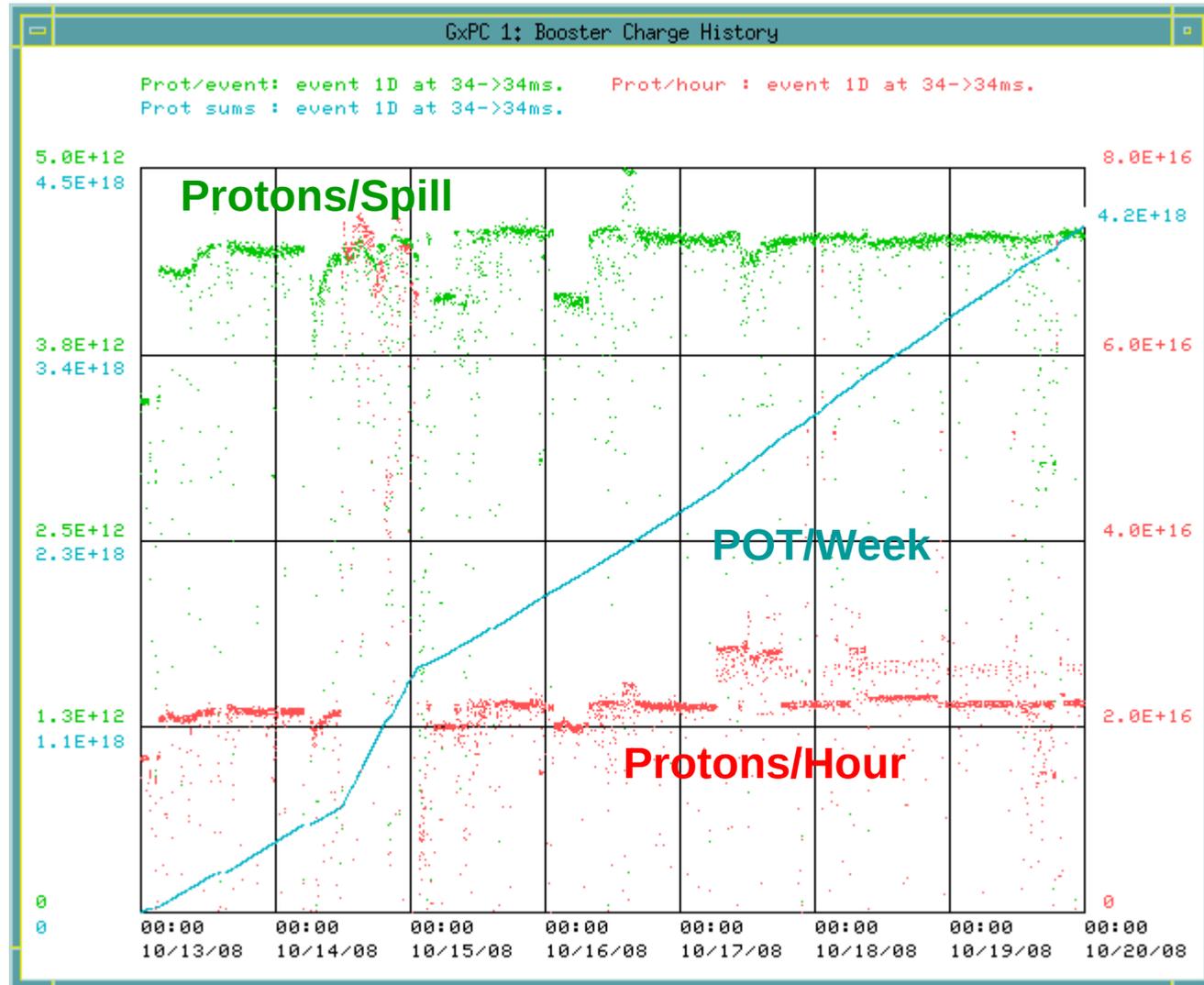
Los Alamos National Laboratory
for the MiniBooNE collaboration

20 October 2008

Week Summary 13 Oct – 20 Oct

3.9E18 POT, 95.4% Uptime

- No major downtimes



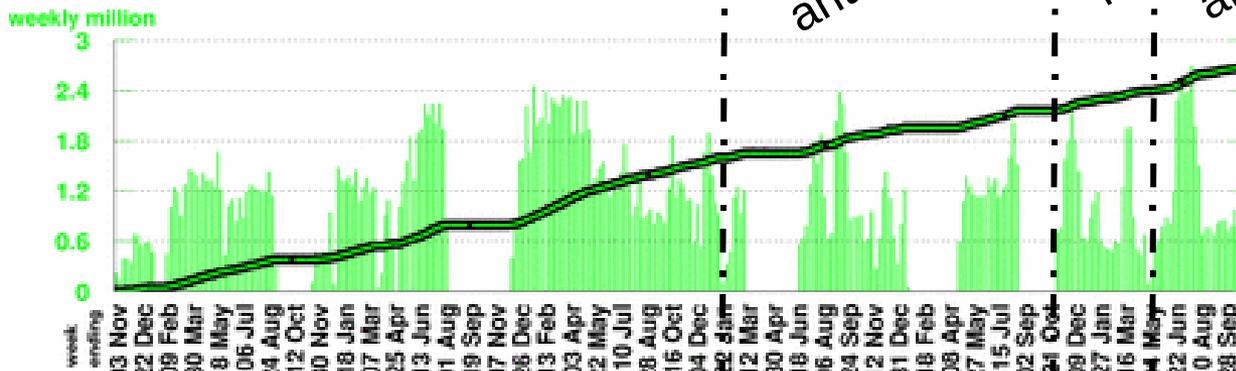
13 Sep – 20 Oct

neutrino

anti-neutrino

neutrino

anti-neutrino



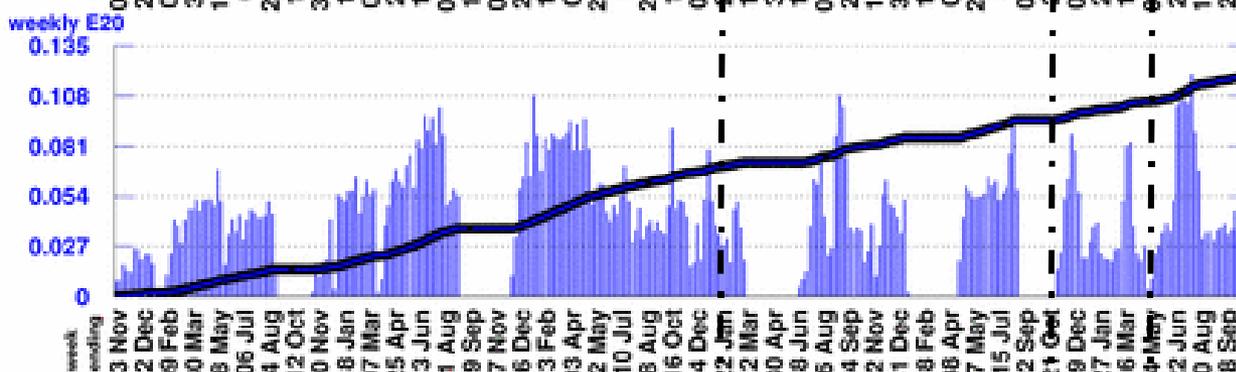
integrated million

Number of Horn Pulses

To date: 286.18 million

Largest week: 2.69 million

Latest week: 0.91 million



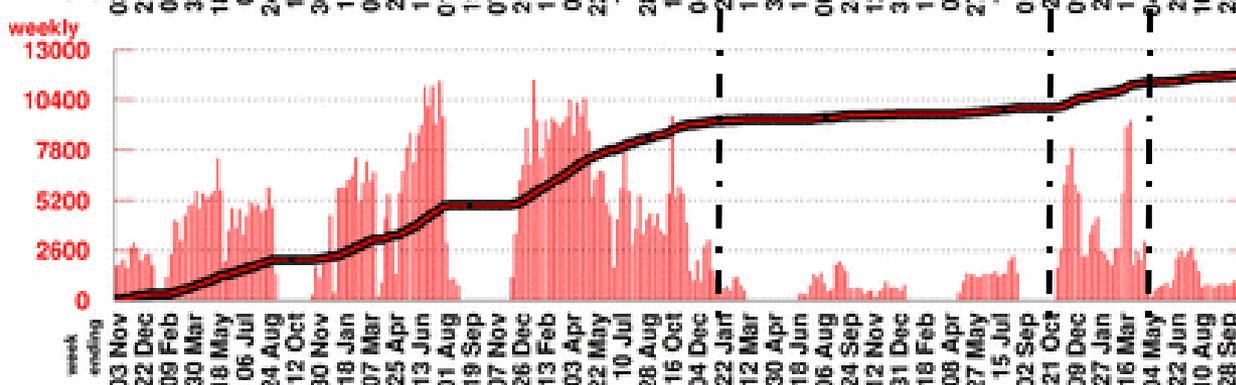
integrated E20

Number of Protons on Target

To date: 11.8384 E20

Largest week: 0.1198 E20

Latest week: 0.039 E20



integrated $\times 10^2$

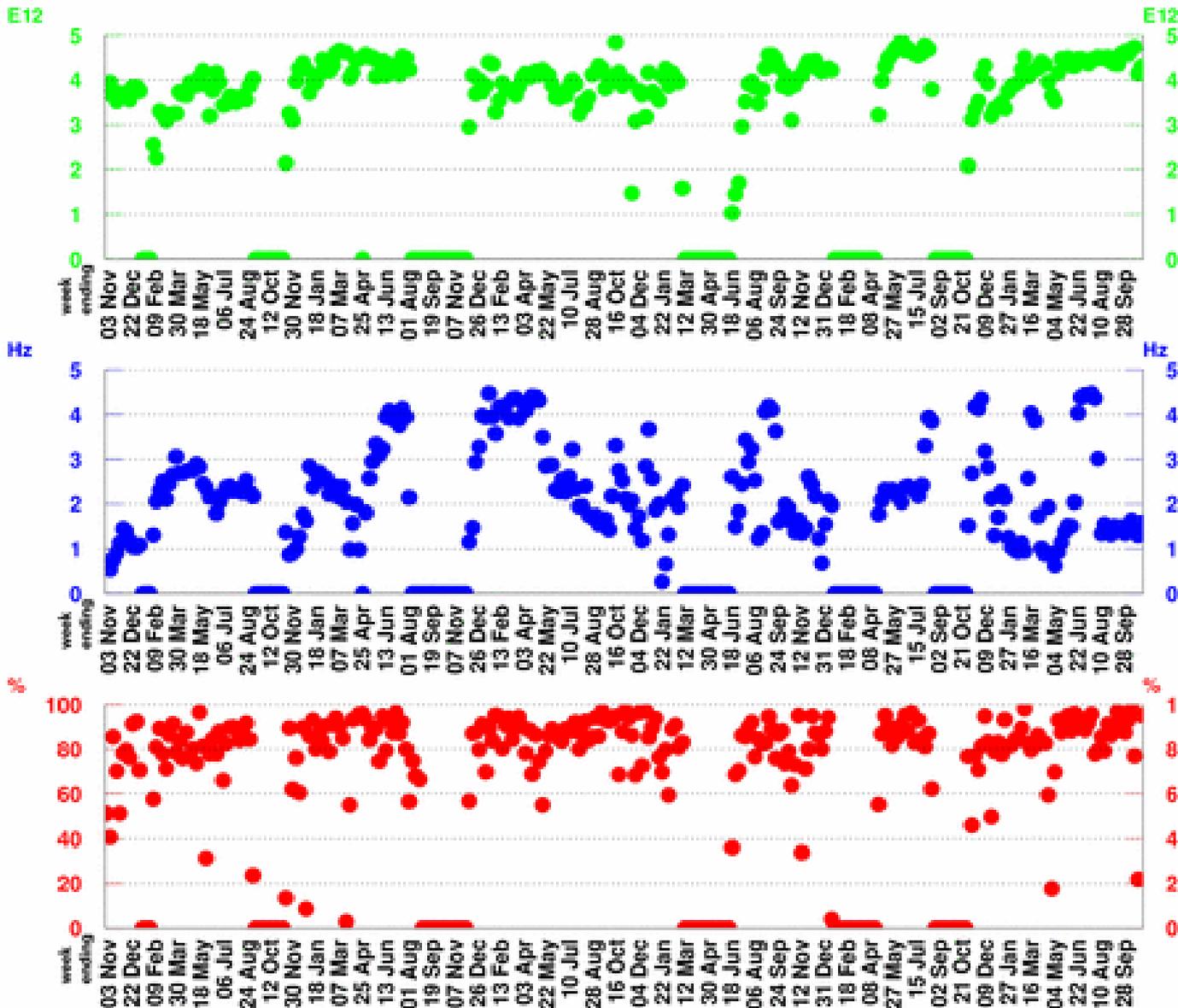
Number of Neutrino Events

To date: 899883

Largest week: 11447

Latest week: 976

13 Sep – 20 Oct



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.3 E12

Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.59 Hz

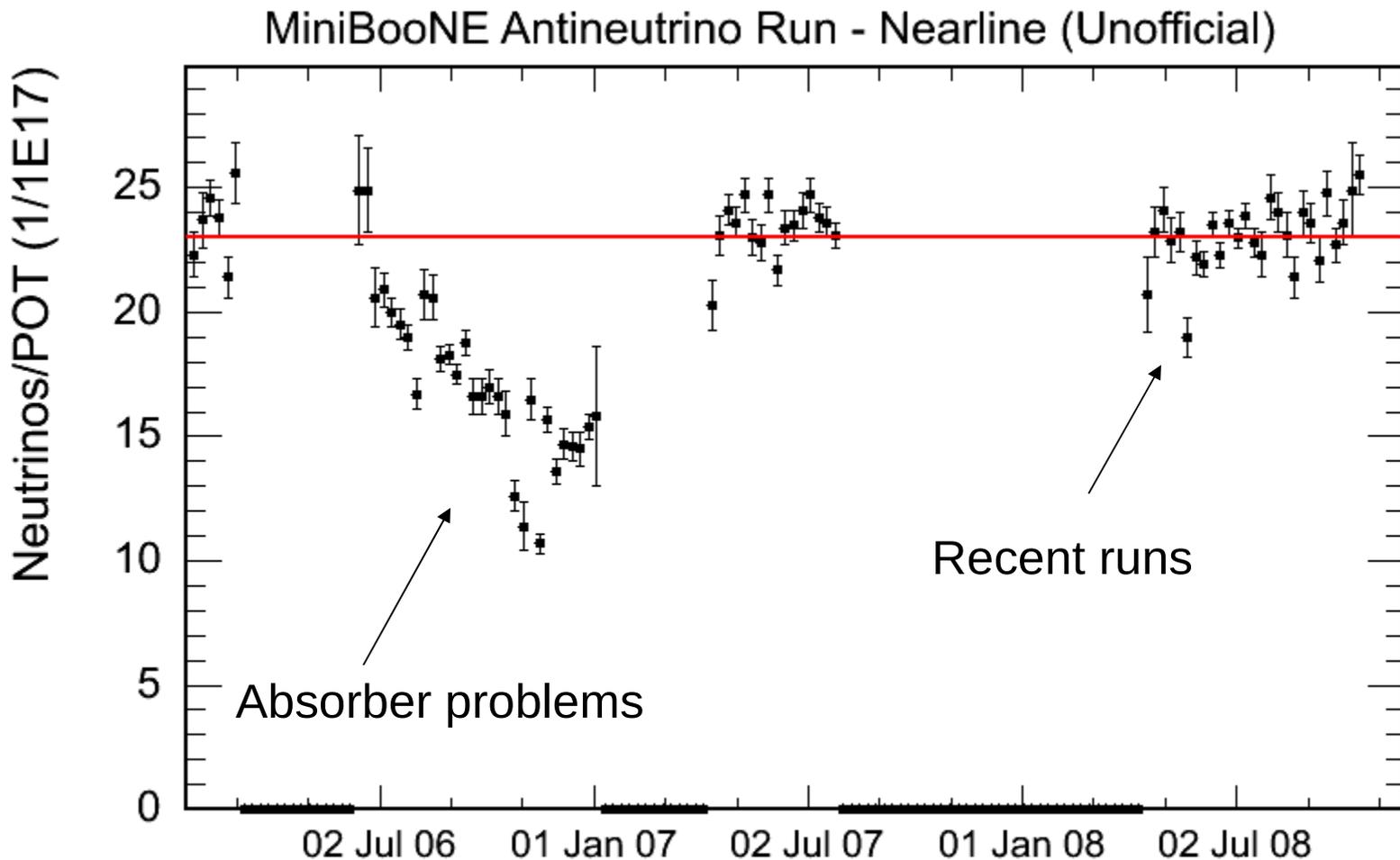
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 95.4 %

AntiNeutrino/POT (Unofficial)



Anti-neutrino running

- 1st run $2.33\text{E}20$ ($2.03\text{E}20$ POT derated for absorber)
- Since April 21 collected $1.348\text{E}20$
- Processed data up to September and preparing to open box