

MiniBooNE Report

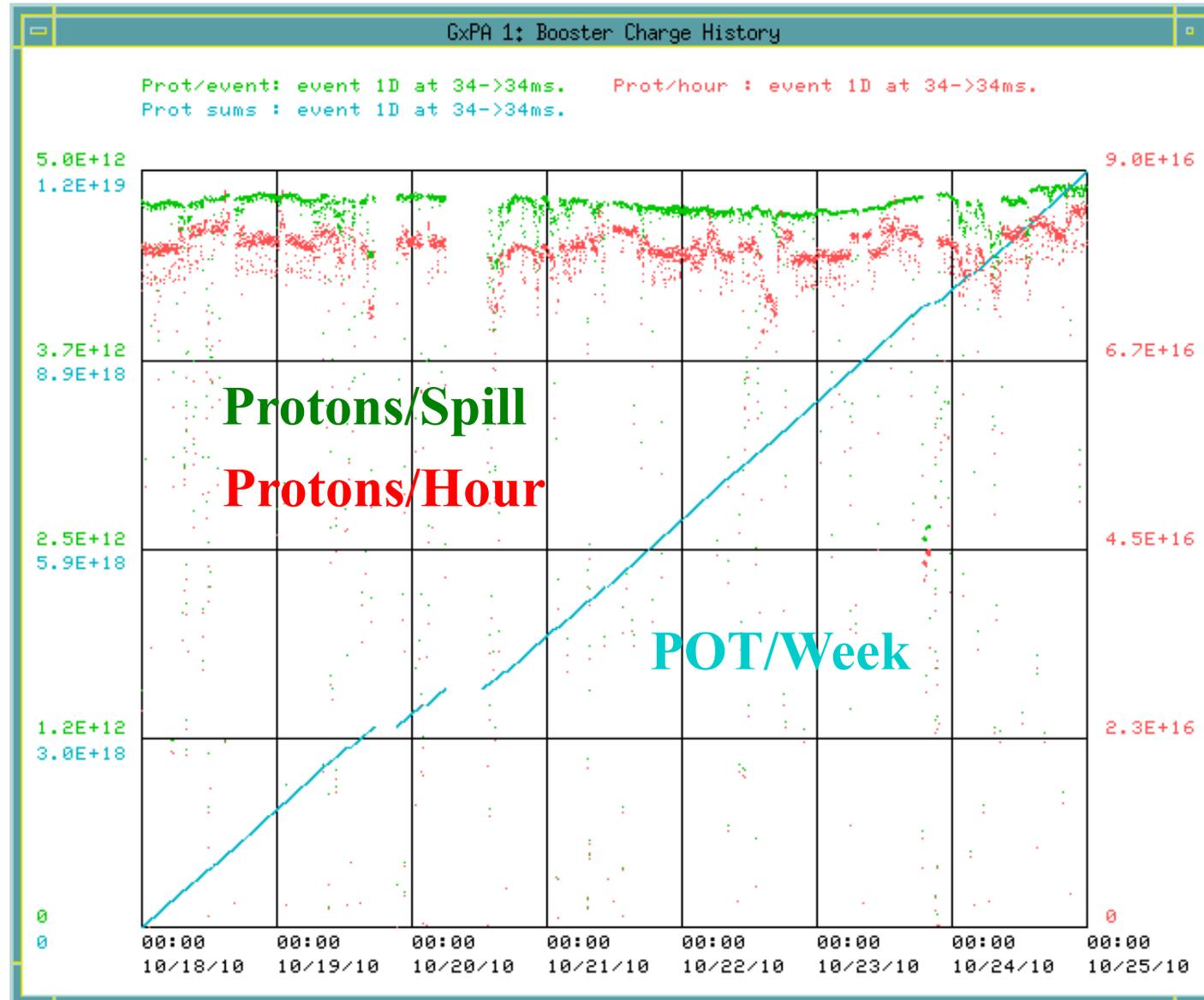
Warren Huelsnitz
Los Alamos National Laboratory
for the MiniBooNE collaboration

25 October 2010

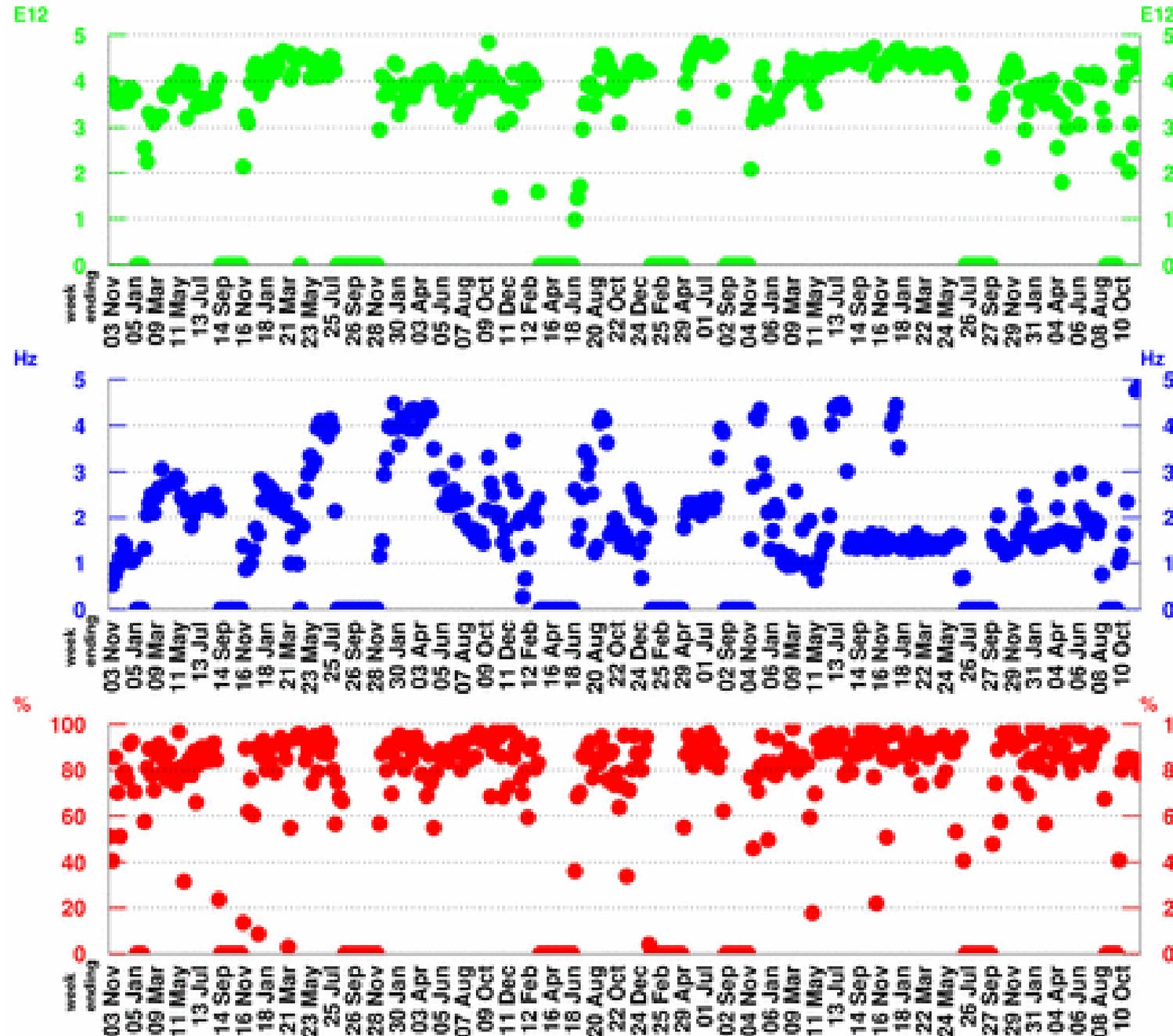
Beam summary 10/17/10 - 10/24/10

- Beam downtime:

- Beamline (F-Sector access, etc.)
 - ~4 hrs (10/19)
 - ~1 hr (10/20)
- Horn: RAW system checks
 - ~7 hrs (10/20)
- Placed cooling lines 3,4 on-service, isolated 2,5



10/17/10 - 10/24/10



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.3 E12

Horn Rate

(for time periods with beam)

Largest week: 10.33 Hz

Latest week: 4.84 Hz

Beam Uptime Fraction

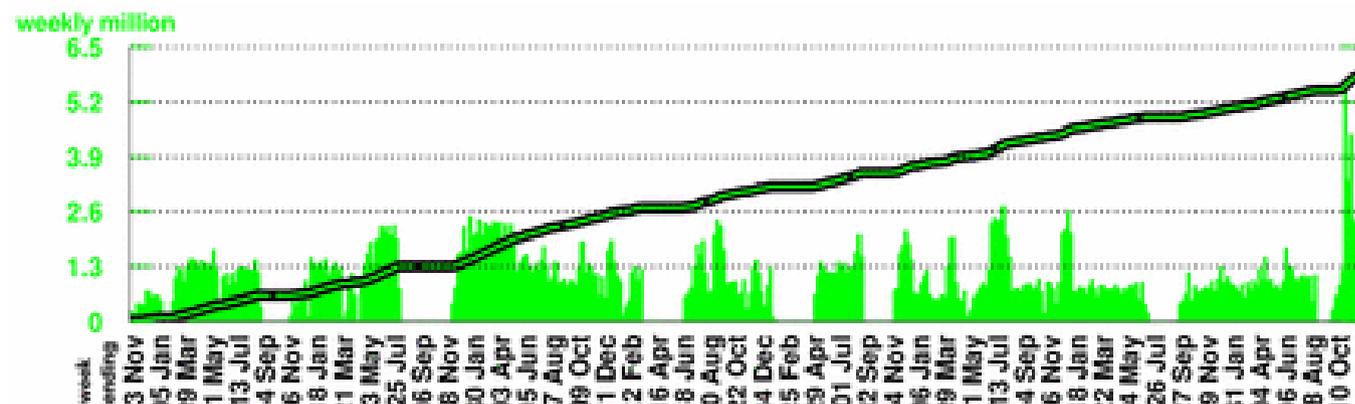
(fraction of time with beam)

Largest week: 98.9 %

Latest week: 78.5 %

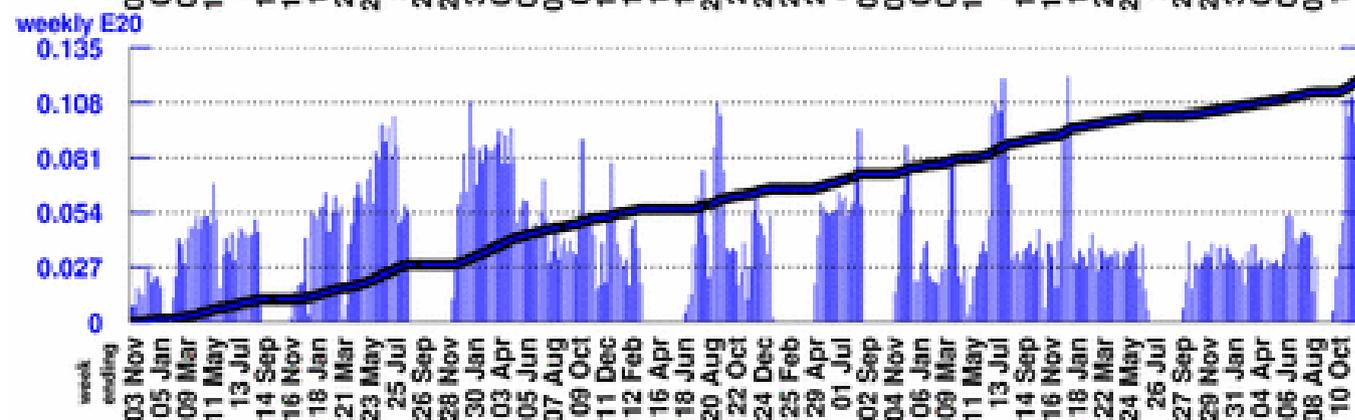
Does not yet include all runs
for the week (no data lost)
[actual ~ 91 %]

10/17/10 - 10/24/10



Number of Horn Pulses

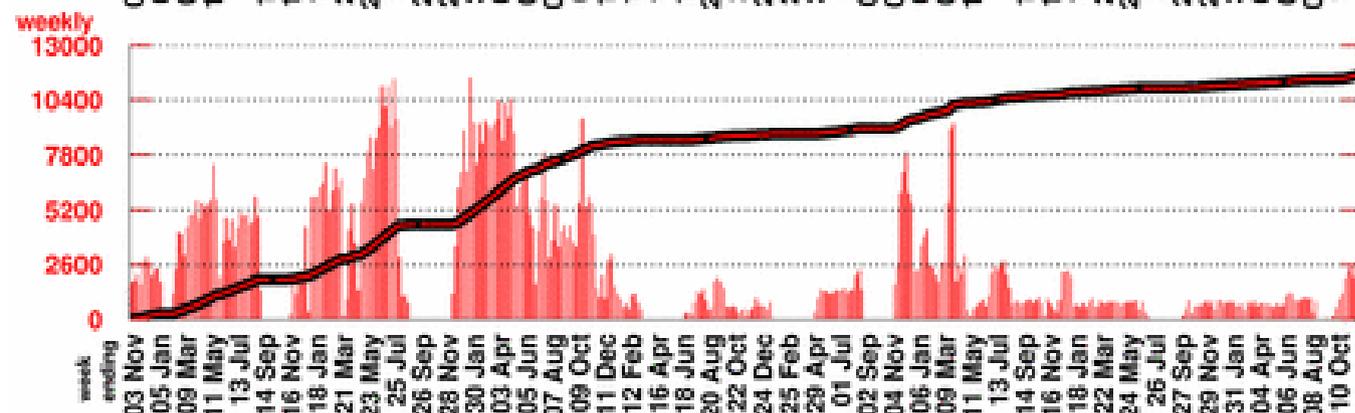
To date: 378.6 million
Largest week: 5.41 million
Latest week: 2.28 million



Number of Protons on Target

To date: 15.3393 E20
Largest week: 0.1208 E20
Latest week: 0.098 E20

Does not yet include all runs for the week (no data lost)
[actual ~0.12 E20]



Number of Neutrino Events

To date: 978574
Largest week: 11447
Latest week: 2586

