

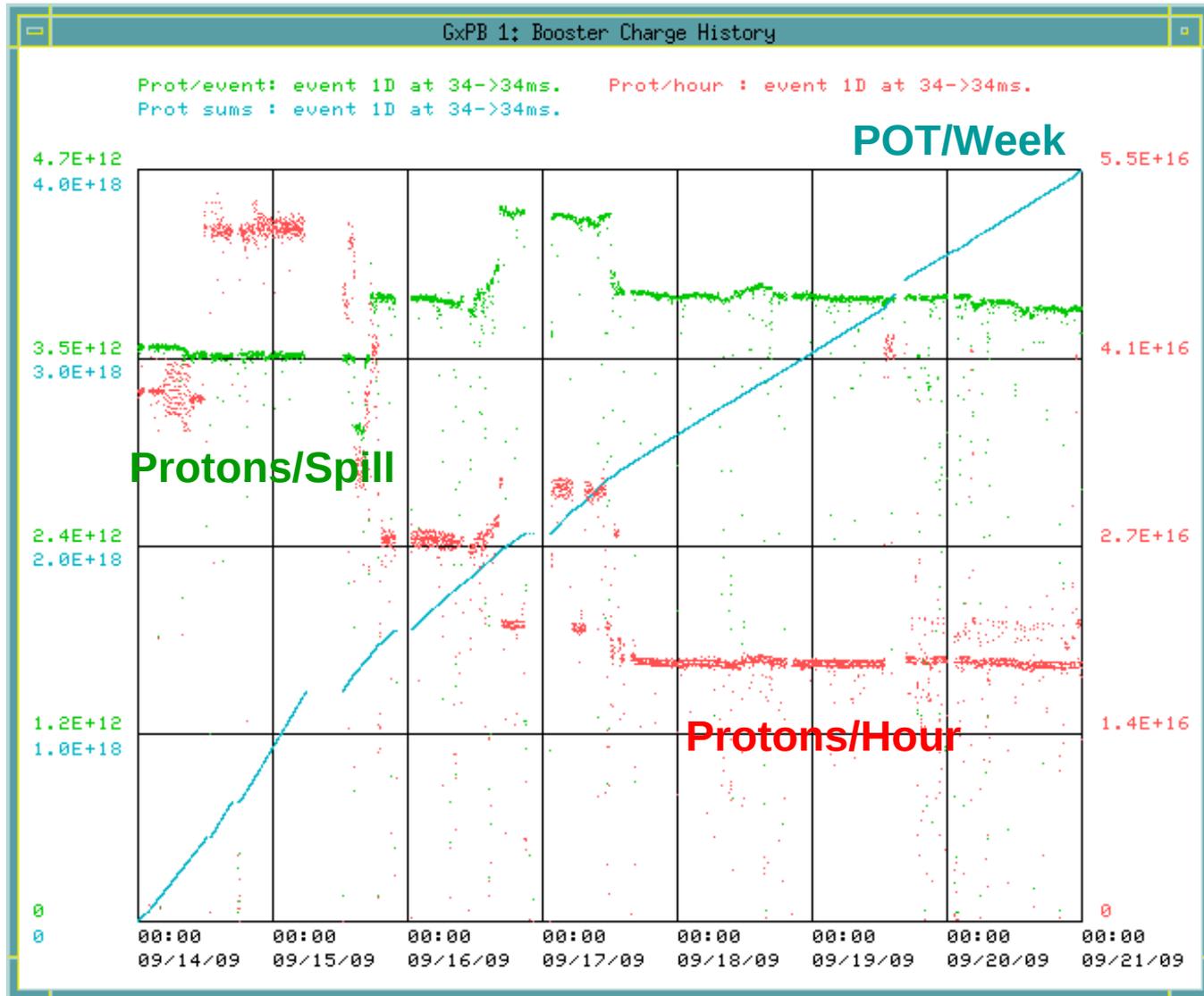
# MiniBooNE Report

Žarko Pavlović

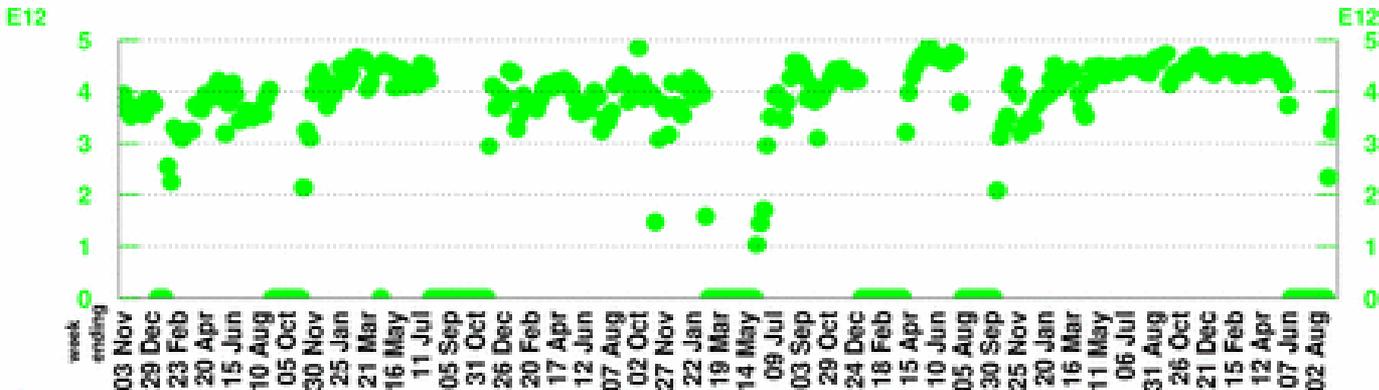
Los Alamos National Laboratory  
for the MiniBooNE collaboration

**21 September 2009**

# Beam summary (08/31-09/13)



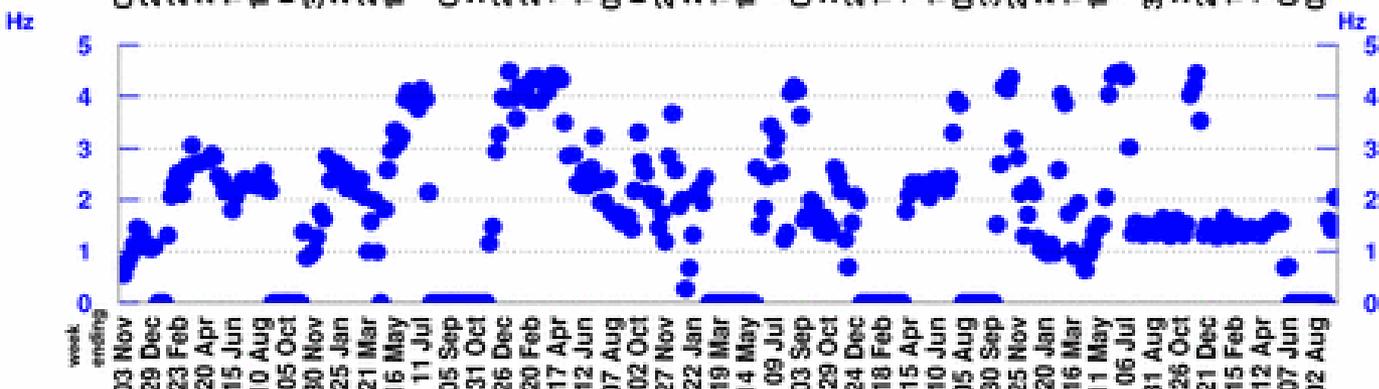
# 09/14 - 09/21



**POT per Horn Pulse**

**Largest week: 4.89 E12**

**Latest week: 3.51 E12**

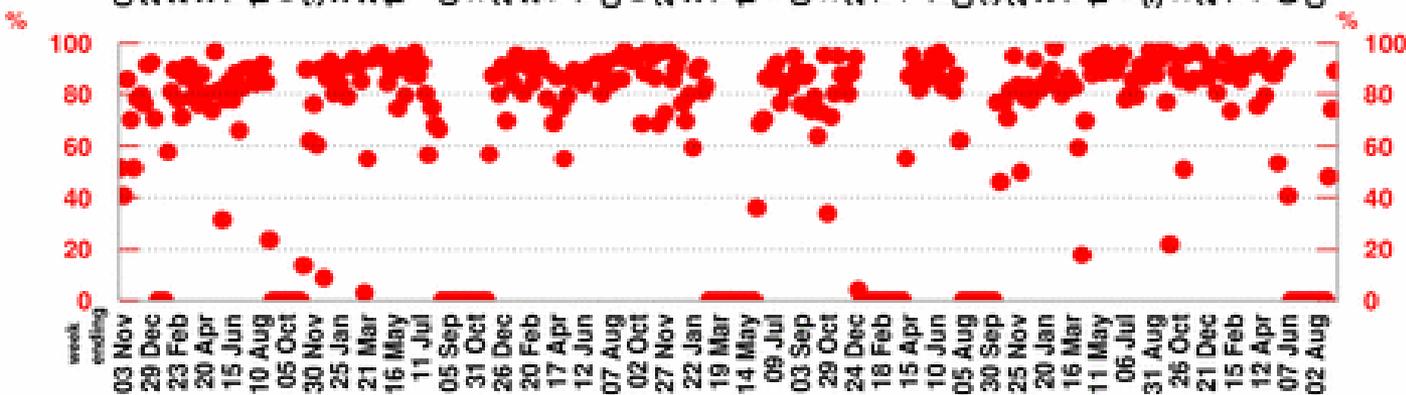


**Horn Rate**

(for time periods with beam)

**Largest week: 4.48 Hz**

**Latest week: 2.04 Hz**



**Beam Uptime Fraction**

(fraction of time with beam)

**Largest week: 98.1 %**

**Latest week: 89 %**

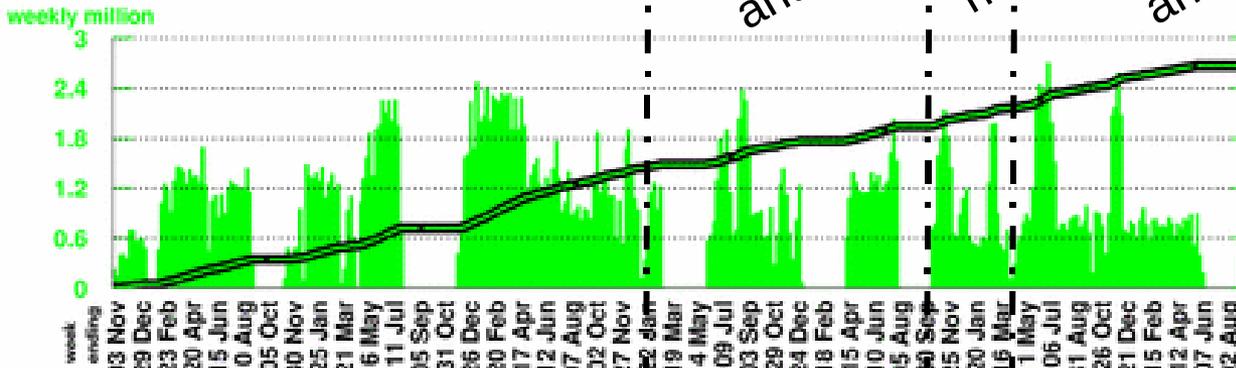
# 08/14-09/21

neutrino

anti-neutrino

neutrino

anti-neutrino



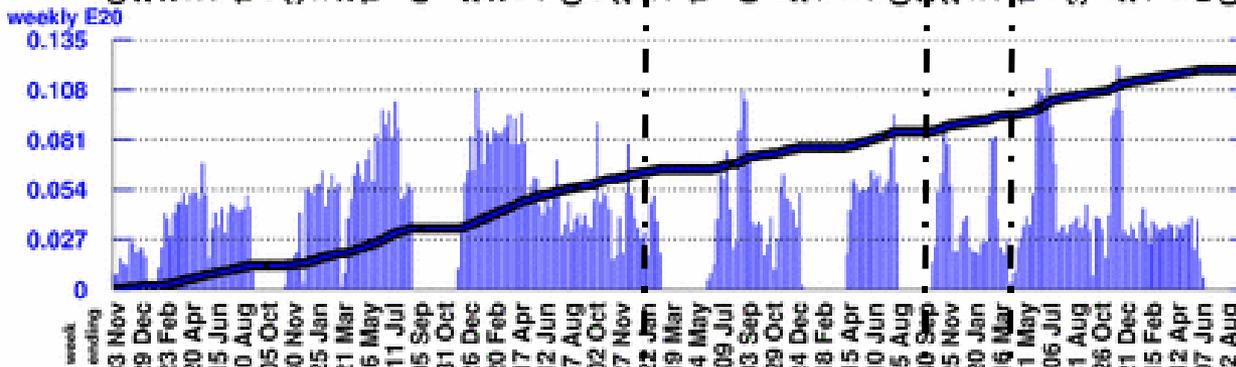
integrated million

**Number of Horn Pulses**

To date: 318.99 million

Largest week: 2.69 million

Latest week: 1.13 million



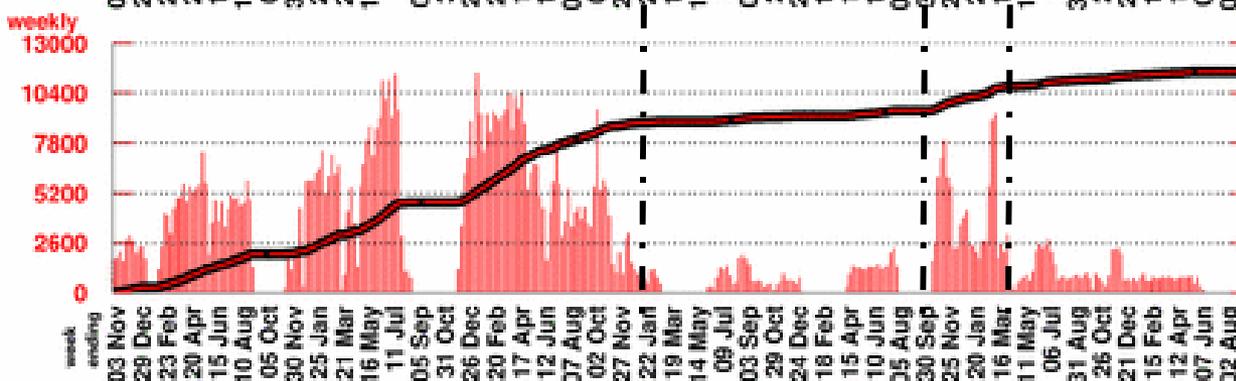
integrated E20

**Number of Protons on Target**

To date: 13.2622 E20

Largest week: 0.1208 E20

Latest week: 0.0397 E20



integrated

**Number of Neutrino Events**

To date: 931442

Largest week: 11447

Latest week: 884



# This week

- Replacing HVAC
- Turned off this morning at 7:30am
- New HVAC should be completely installed by the end of week (09/25)
- Plan to do all electrical work and everything that interferes with normal running today and tomorrow
- Start up Tuesday (09/22) afternoon with couple of backup AC units