



# SciBooNE (E954) status

Hide TANAKA  
(Columbia University)

Feb. 4, 2008 @AEM

# Week Summary Jan. 28 - Feb. 3

- Booster Neutrino Beam

- Running well

- Uptime fraction: 88.1%
- Averaged protons/hr:  $1.32E16$
- Averaged protons/pulse:  $3.50E12$

- SciBooNE detectors

- EC and MRD are stable.

- SciBar pedestal jump

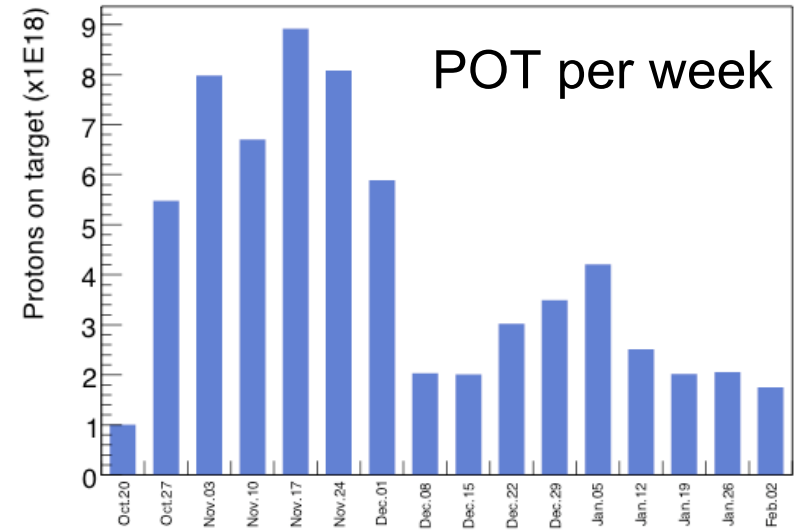
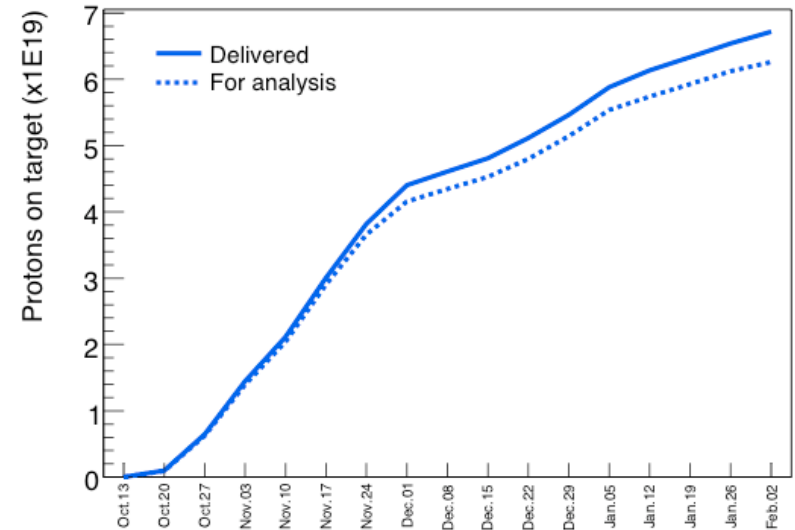
- Detector uptime (period with beam on): 79%

- SciBar power cycle: ~6hrs (6 times x ~1hr)
- One DAQ computer was down: ~5hrs

# Protons On Target

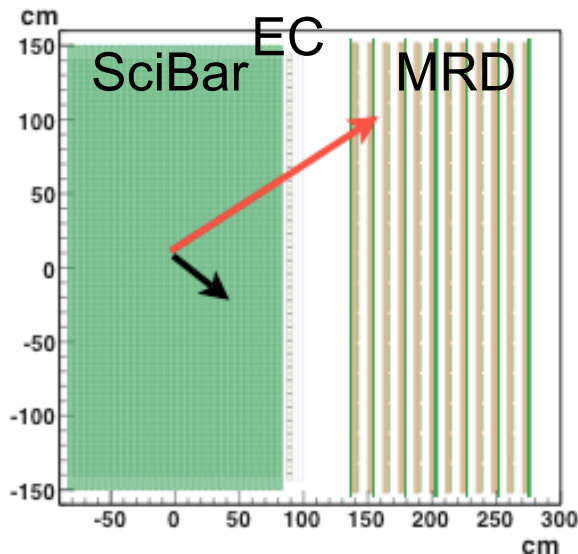
- POT (Jan 27 - Feb 2)
  - 1.75E18 POT delivered,
  - 1.39E18 POT for physics analysis.
- Total POT so far: 6.26E19  
(Projected POT for  $\nu$ : 1E20)

## Accumulated POT



# POT normalized event rate

- Charged current event candidates in SciBar.
  - Stable within stat. error.
- ➔ Stable operation of beam & detector.



## Event rate per week

