



# SciBooNE (E954) status

Hide TANAKA  
Columbia University

June 23, 2008 @AEM

# Week Summary June 14 - June 21

- Booster Neutrino Beam

- Running very well

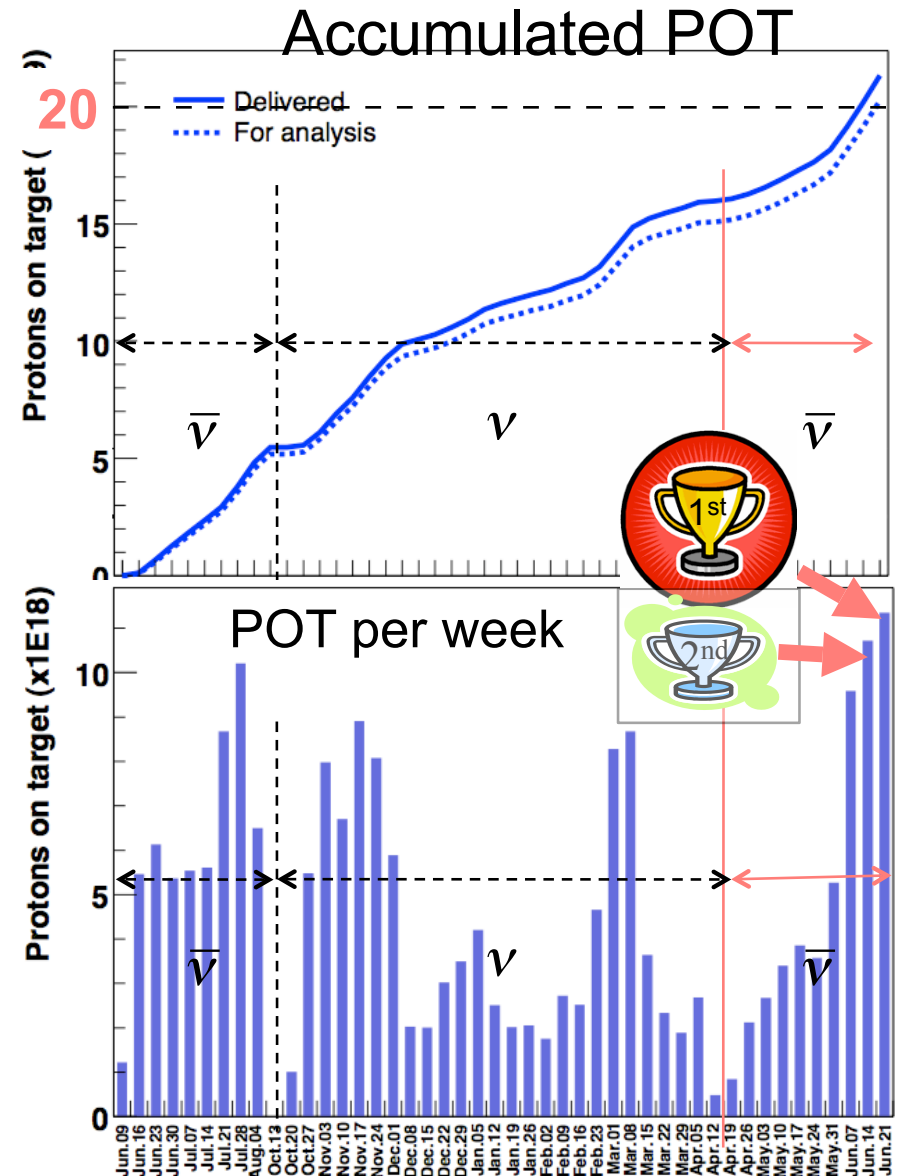
- Uptime fraction: 97%
- Averaged protons/hr: **7.31E16**
- Averaged protons/pulse: 4.30E12

- SciBooNE detectors

- Detector uptime (period with beam on): 98.4%
- All detector system stable

# Protons on Target

- POT (June 14 - June 21)
  - 1.13E19 delivered
  - 1.12E19 for physics
  - Largest POT/week!!
- Total POT  $\nu + \bar{\nu}$  :
  - 2.13E20 delivered
  - 2.03E20 for physics
    - Detector overall eff. 95%
- **Crossed projected POT!!**
- **Total POT  $\bar{\nu}$ : 1.02E20**  
(Projected POT: 1E20)



# Protons on Target

- POT (June 14 - June 21)

- 1.13E19 delivered

- 1.12E19 for physics



**SciBooNE thanks**  
**Accelerator Division** for all efforts  
 to keep sending stable and **very**  
 high intensity beam!!

- Detector overall eff. 95%

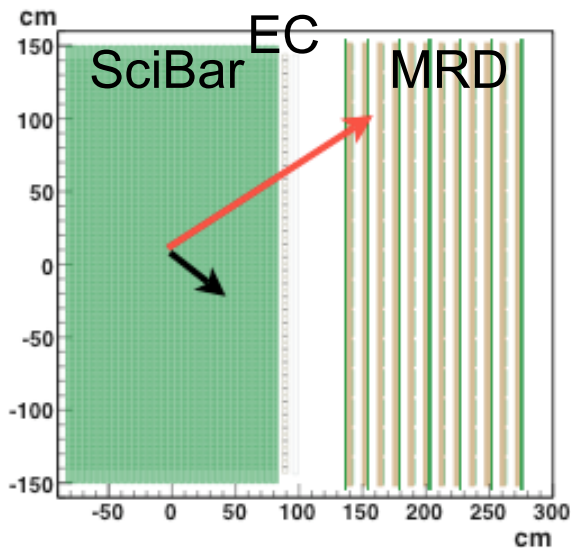
- **Crossed projected POT!!**

- **Total POT  $\bar{\nu}$ : 1.02E20**

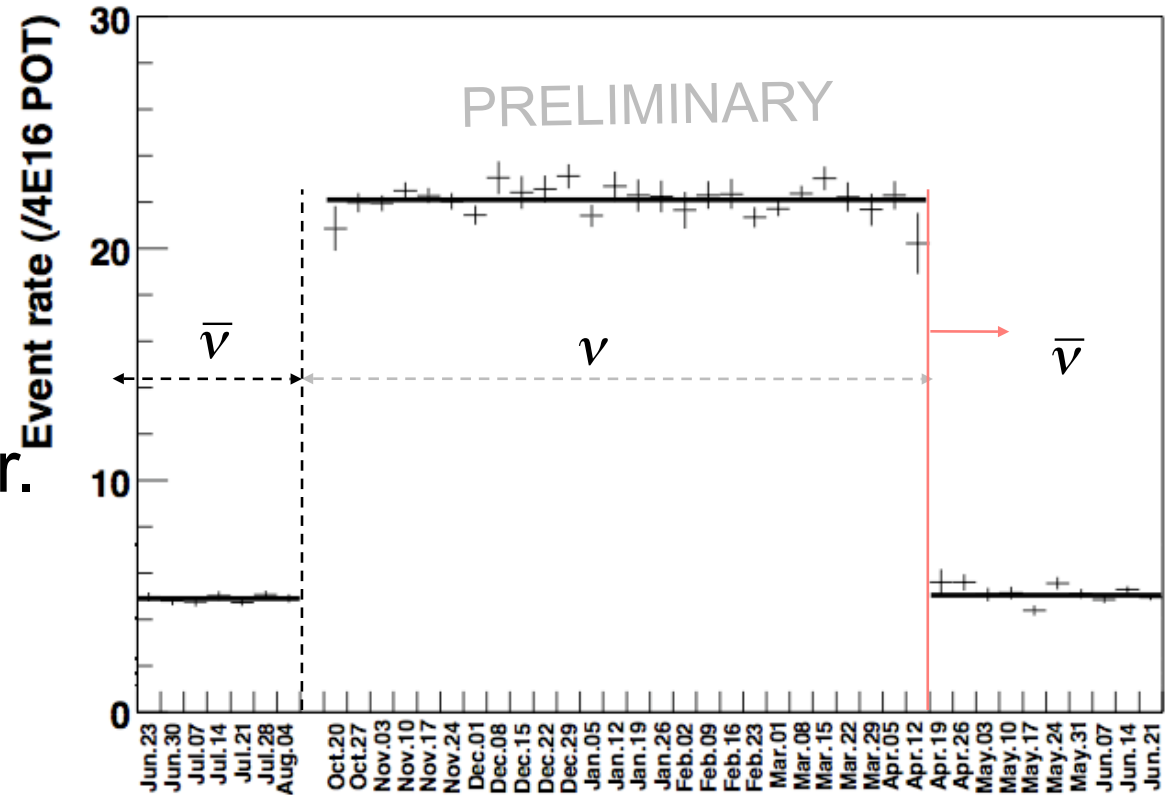
(Projected POT: 1E20)

# POT normalized event rate

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



## Event rate per week



# Plan

- Continue steady running.
- SciBooNE will continue taking data until Aug 18
- Will start decommissioning on Aug 18