



SciBooNE (E954) status

Hide TANAKA
Columbia University

June 16, 2008 @AEM

Week Summary June 8 – June 14

- Booster Neutrino Beam

- Running very well

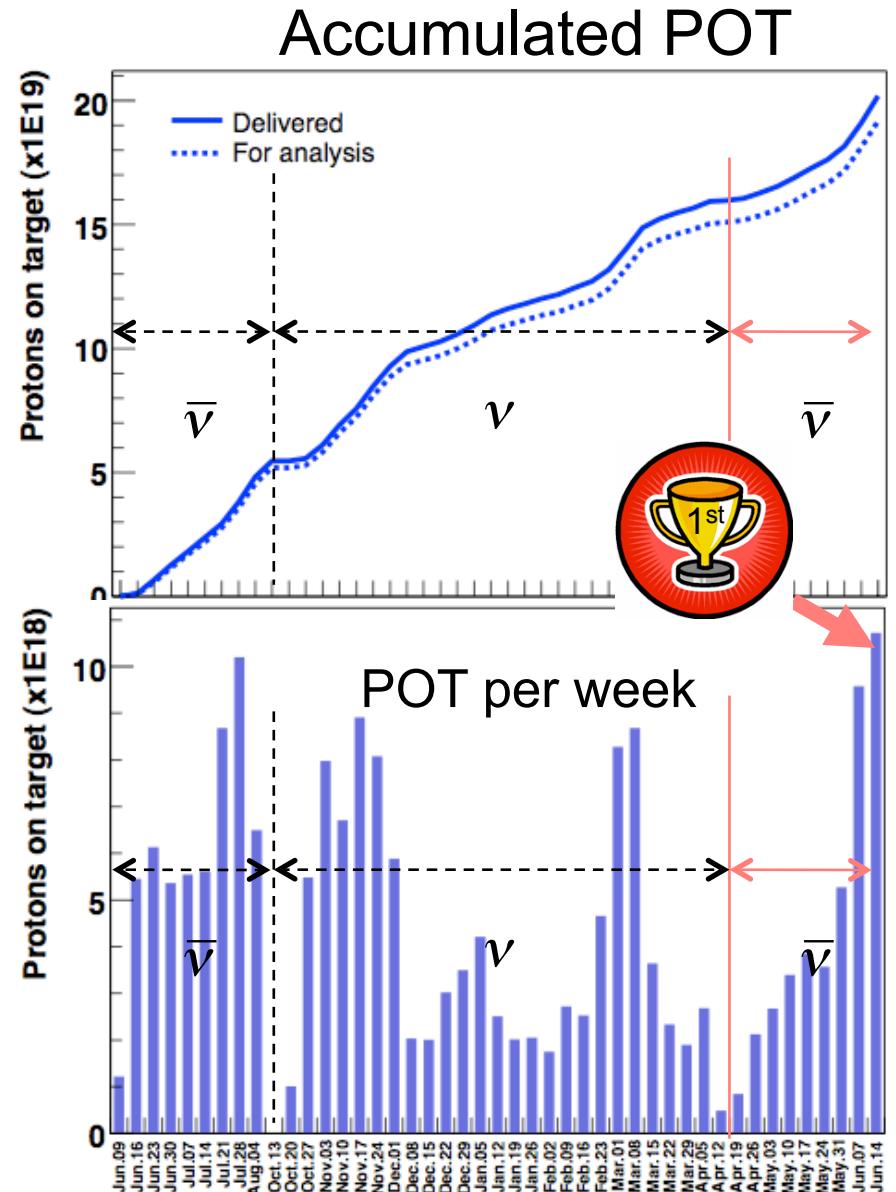
- Uptime fraction: 91.1%
- Averaged protons/hr: **7.39E16**
- Averaged protons/pulse: 4.11E12

- SciBooNE detectors

- Detector uptime (period with beam on): 98.0%
- All detector system stable

Protons On Target

- POT (June 1 - June 7)
 - 1.07E18 POT delivered,
 - 1.05E18 POT for physics.
 - Largest POT/week for SciBooNE!!
- Total POT ($\bar{\nu}$ + ν)
 - 2.02E20 for delivered
 - Milestone!!
 - 1.92E20 for physics
- Total POT ($\bar{\nu}$ mode) : 9.2E19
(Projected POT for $\bar{\nu}$: 1E20)

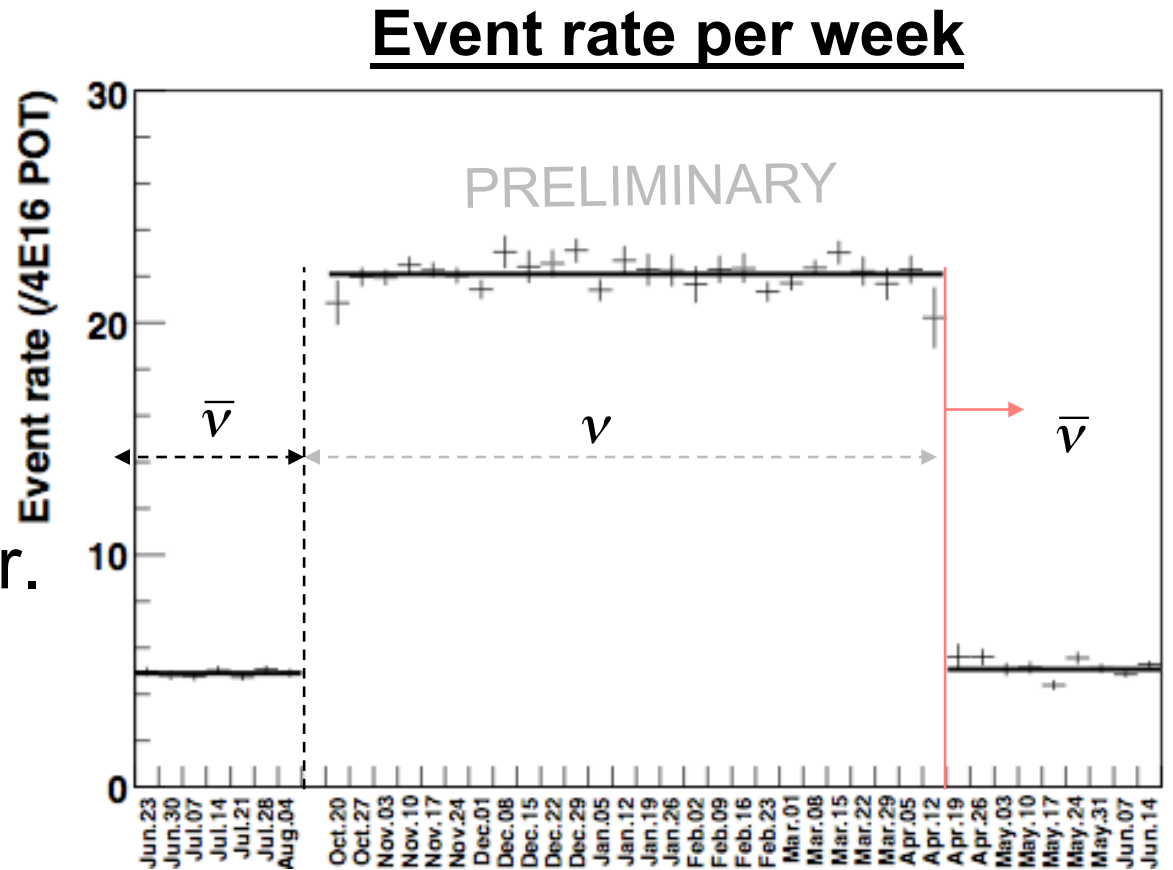
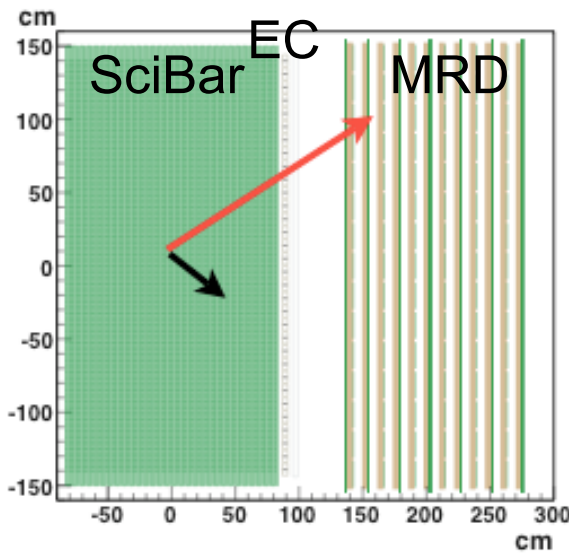


- **Crossed 2E20 POT delivered.**
 - Big milestone for SciBooNE!!
- **Accelerator Division deserves a lot of credit for the important accomplishment.**

SciBooNE collaboration

POT normalized event rate

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



Plan

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