



SciBooNE (E954) status

Hide TANAKA
Columbia University

Apr. 28, 2008 @AEM

Week Summary Apr. 20 - Apr. 26

- Booster Neutrino Beam

- Running smoothly

- Uptime fraction: 93.3%
- Averaged protons/hr: $1.30E16$
- Averaged protons/pulse: $3.56E12$

- SciBooNE detectors

- Detector uptime (period with beam on): 89.1%

- SciBar: stable

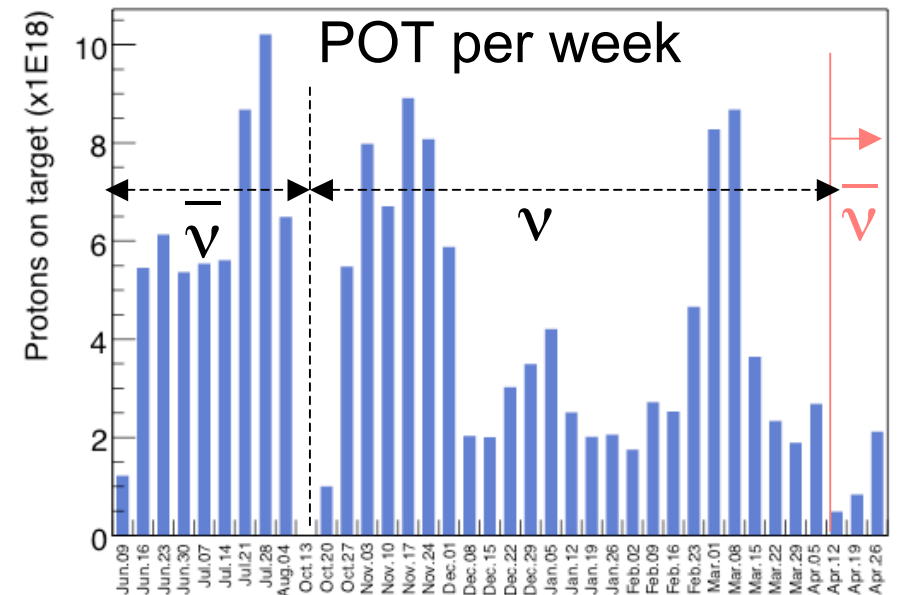
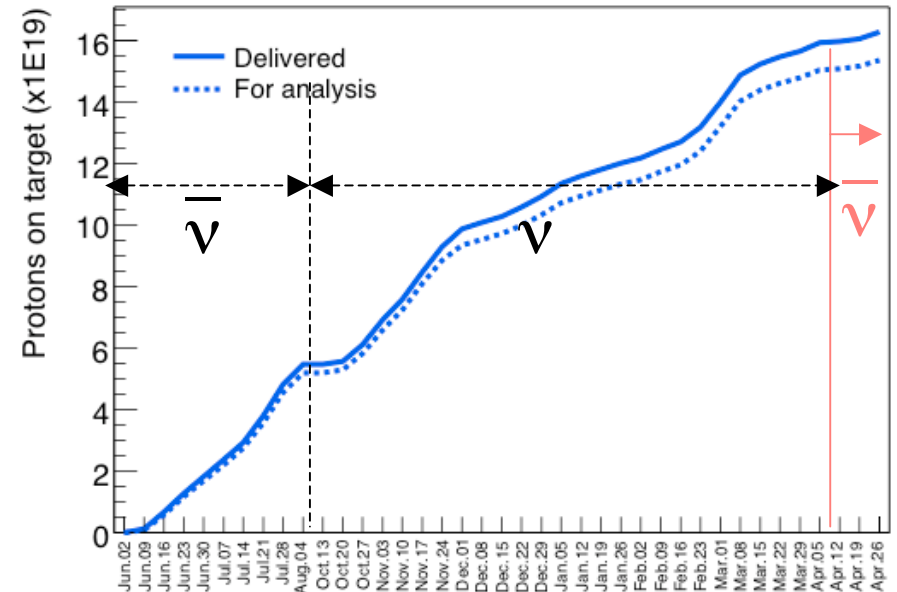
- EC: stable

- MRD: HV tripped off → replaced control cards (~2hr)

Protons On Target

- POT (Apr 20 - Apr 26)
 - 2.12E18 POT delivered,
 - 1.89E18 POT for physics.
- Total POT ($\bar{\nu}$ mode) : 5.5E19
(Projected POT for $\bar{\nu}$: 1E20)
- Total POT ($\nu + \bar{\nu}$): 1.54E20

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

