



SciBooNE (E954) status

Hide TANAKA

Columbia University

Mar. 24, 2008 @AEM

Week Summary Mar. 15 - Mar. 22

- Booster Neutrino Beam

- Running smoothly

- Uptime fraction: 88.2%

- MI/Booster access

- Booster supply change out

- Linac RF problem & repair

- Averaged protons/hr: $1.56E16$

- Averaged protons/pulse: $3.71E12$

- SciBooNE detectors

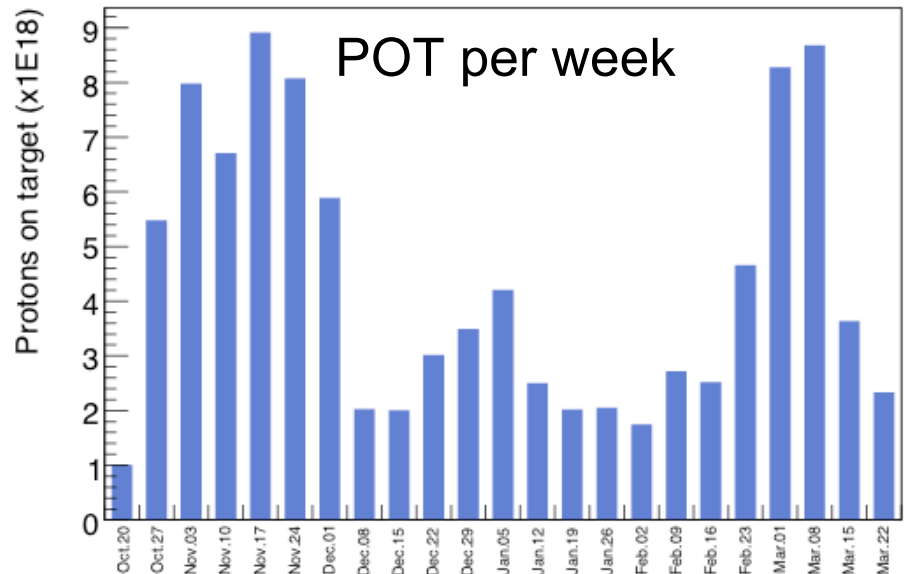
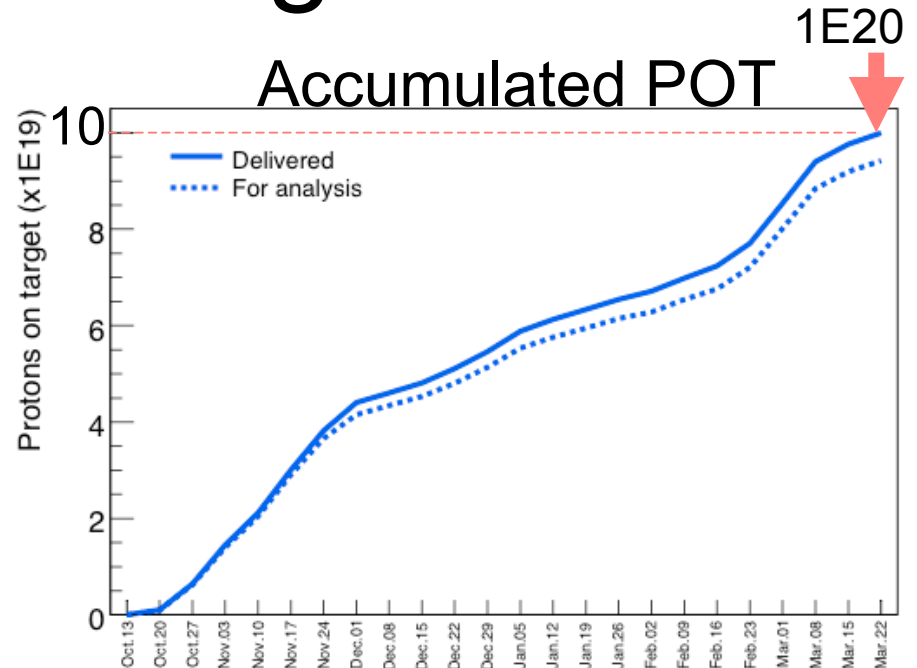
- All detector systems are stable

- No major problem

- Detector uptime (period with beam on): 96%

Protons On Target

- POT (Mar 15 - Mar 22)
 - 2.34E18 POT delivered,
 - 2.25E18 POT for physics.
- Total POT so far: 9.42E19
(Projected POT for ν : 1E20)
 - **Delivered POT: 1E20!**
 - **Thanks to AD!!**
 - For physics: ~0.06E20 left
- Will switch horn polarity ($\nu \rightarrow \bar{\nu}$) April 14
 - Expected duration: ~1 week



POT normalized event rate

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

