



SciBooNE (E954) status

Hide TANAKA
(Columbia University)

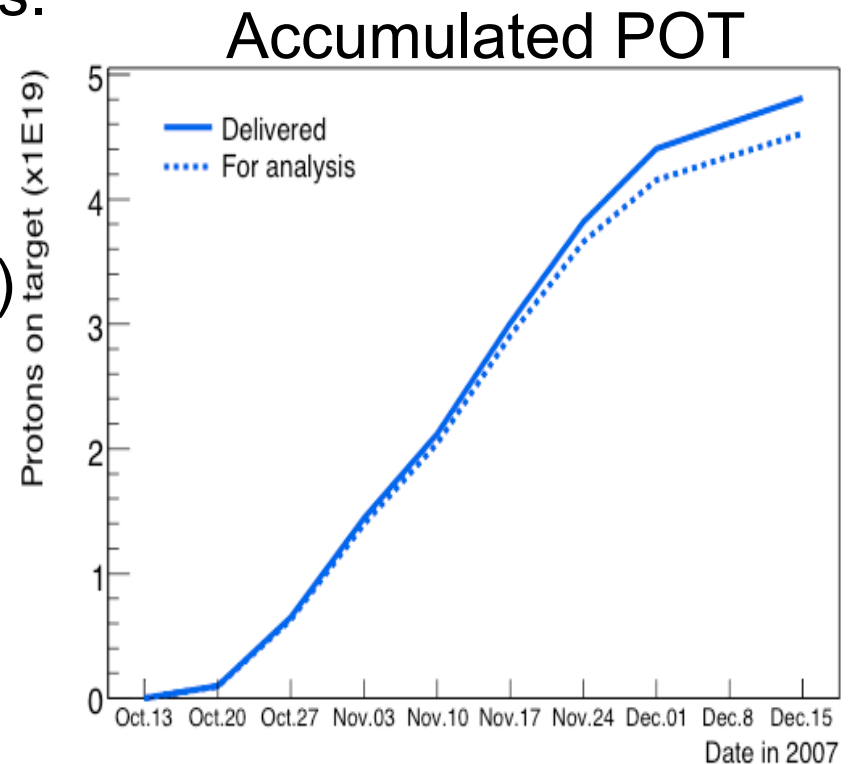
Dec. 17, 2007 @AEM

Week Summary Dec. 10 - Dec. 17

- Booster Neutrino Beam
 - Running well
 - Uptime fraction: 81%
 - Averaged proton/hr: $1.6E16$
 - Averaged proton/pulse: $3.0E12$
- SciBooNE detectors
 - All detectors are stable
 - EC/MRD are stable
 - SciBar PMT pedestal jumps (5 times)
 - Replaced SciBar electronics board
 - Detector uptime (period with beam): 92%
 - Power cycle SciBar (<1hr x 5 times)
 - Replace SciBar electronics board (1.5hr)

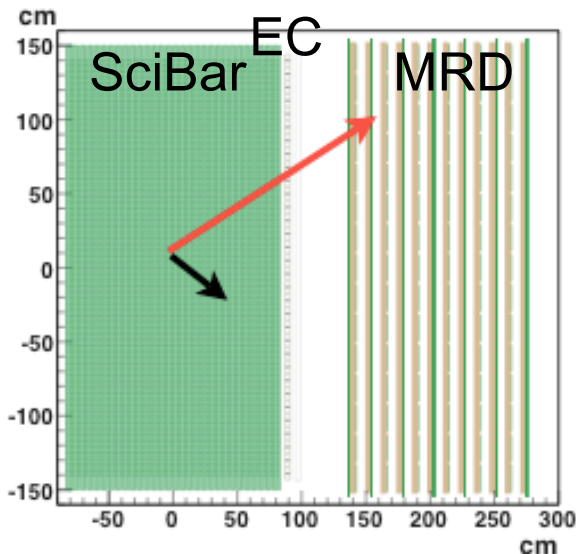
Data taking status

- Protons On Target (Dec. 9 - Dec. 15)
 - 2.0E18 POT delivered,
 - 1.8E18 POT for physics analysis.
- Total POT so far: 4.5E19
(Projected POT for ν -mode: 1E20)



POT normalized event rate

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



Event rate per week

