



SciBooNE (E954) status

Hide TANAKA
(Columbia University)

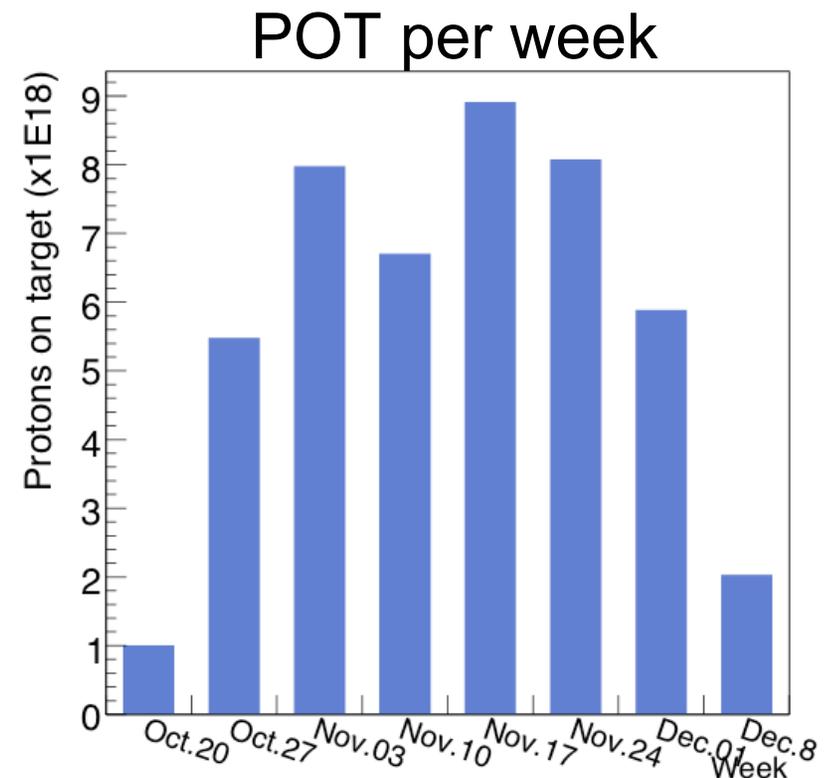
Dec. 10, 2007 @AEM

Week Summary Dec. 3 - Dec. 10

- Booster Neutrino Beam
 - Uptime fraction: 51%
 - Linac vacuum problem
 - Averaged proton/hr: $2.2E16$
 - Averaged proton/pulse: $2.3E12$
- SciBooNE detectors
 - All detectors are stable
 - EC/MRD are stable
 - SciBar PMT pedestal jumps (3 times)
 - Power cycled → Back to nominal value.
 - Detector uptime (period with beam): 94%
 - Power cycled SciBar (~1hr x 3 times)

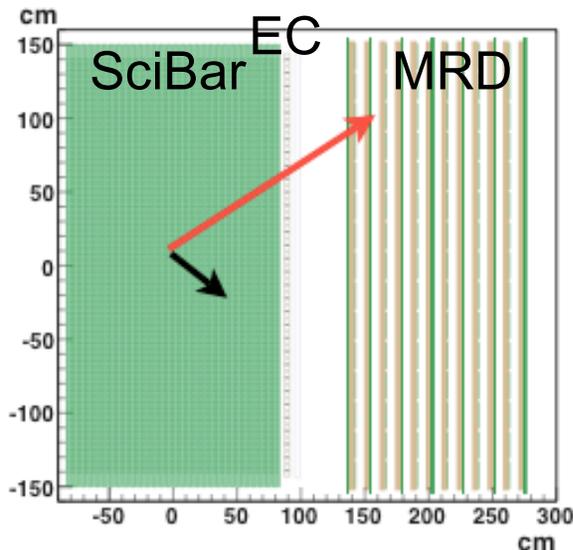
Data taking status

- Protons On Target (Dec. 2 - Dec. 8)
 - 2.0E18 POT delivered,
 - 1.9E18 POT for physics analysis.
- Total POT so far: 4.3E19
(Projected POT for ν -mode: 1E20)

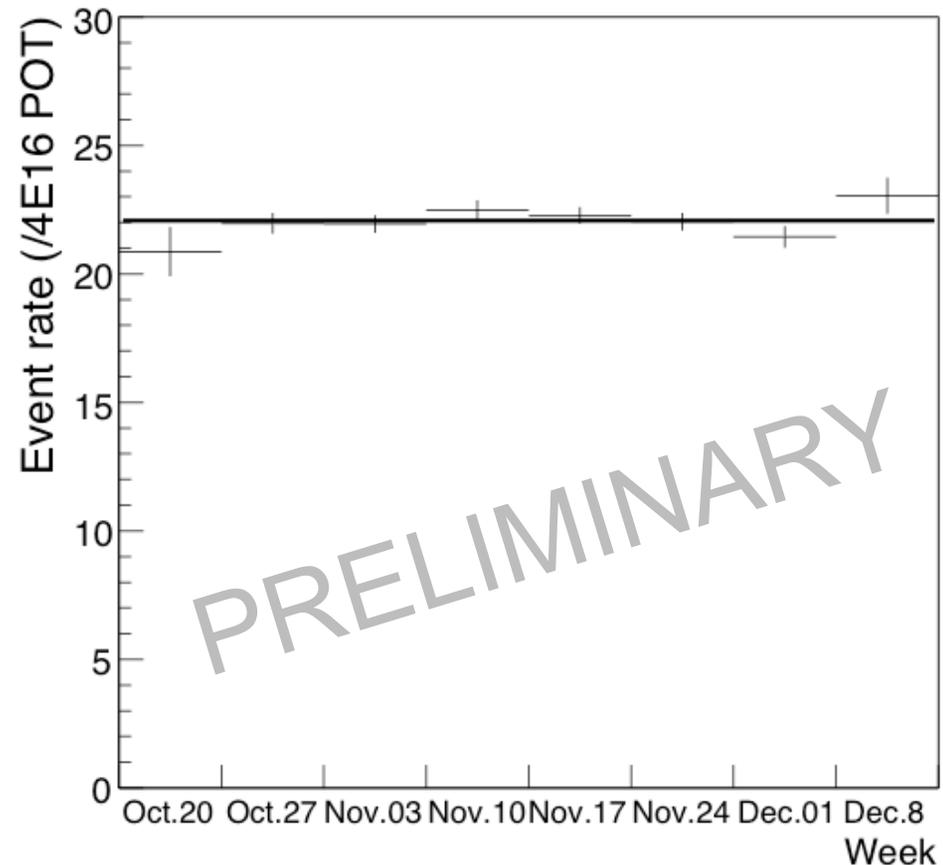


POT normalized event rate

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



Event rate per week



Backup