

SciBooNE Status

M.O. Wascko
Imperial College London

Feb. 11, 2008 @AEM

Weekly Summary Feb 4-10

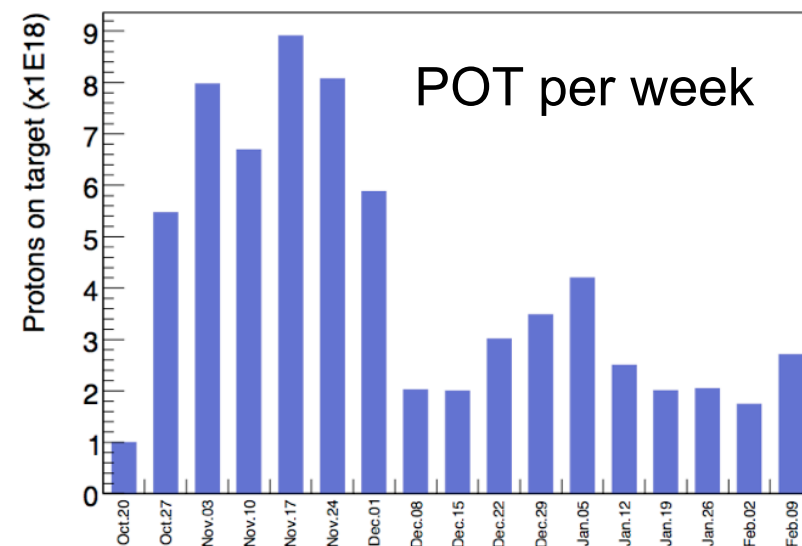
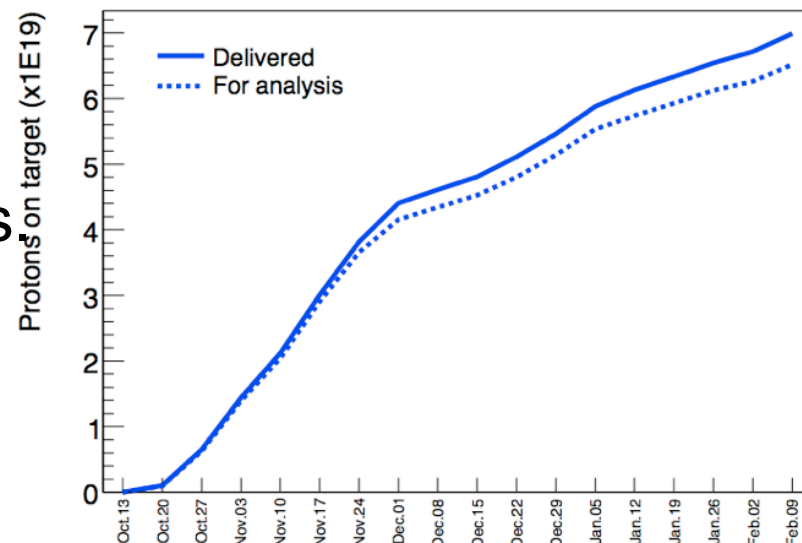
- Booster Neutrino Beam
 - Running smoothly, intensity increasing
 - *Thanks for efforts to increase BNB rates!*
 - Uptime fraction: 91.8%
 - Average proton/hr: $1.7E16$
 - Average proton/pulse: $3.5E12$
 - Major downtimes:
 - Tue Feb 5: MI access
 - Fri Feb 8: Booster fire alarm & investigation

Weekly Summary Feb 4-10 (p.2)

- SciBooNE Detectors
 - Uptime: 93.3% (period with beam on)
 - SciBar: stable
 - 4 crate resets needed
 - EC: stable
 - MRD: stable
 - 1 HV reset
 - DAQ: Reduced initialisation errors at run change
 - Very small impact on downtime

Protons On Target

Accumulated POT



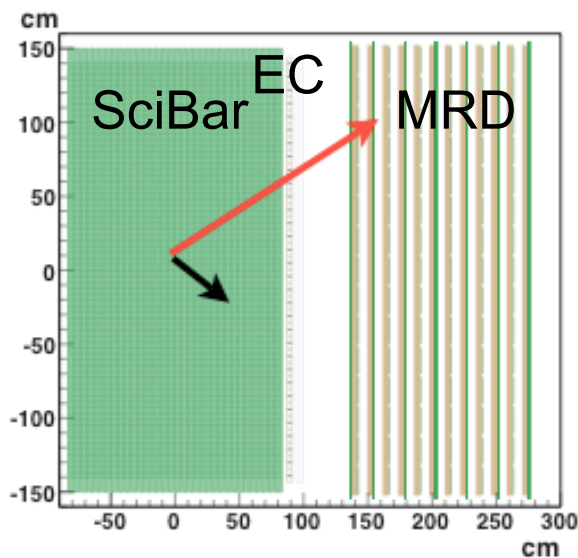
- POT Collected (Jan 13 - Jan 20)
 - 2.7E18 POT delivered,
 - 2.6E18 POT for physics analysis

- Total POT (ν mode) 6.5E19

- Total POT ($\nu+\bar{\nu}$) 1.19E20
 - *Goal: 1E20 in each mode*

POT normalised event rate

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



Event rate per week

