

# SciBooNE (E954) status

M.O. Wascko  
Imperial College London

Jan. 14, 2008 @AEM

# Weekly Summary Jan 7-13

- Booster Neutrino Beam
  - Running OK, but low intensity
    - Uptime fraction: 87%
    - Average proton/hr:  $2.1E16$
    - Average proton/pulse:  $3.1E12$
  - Major downtimes:
    - Wed Jan 9: Booster Access, ~15 hours
    - Thu Jan 10: Horn power supply trip, ~6 hours
    - Sun Jan 13: Linac RF, ~7 hours

# Weekly Summary Jan 7-13 (p.2)

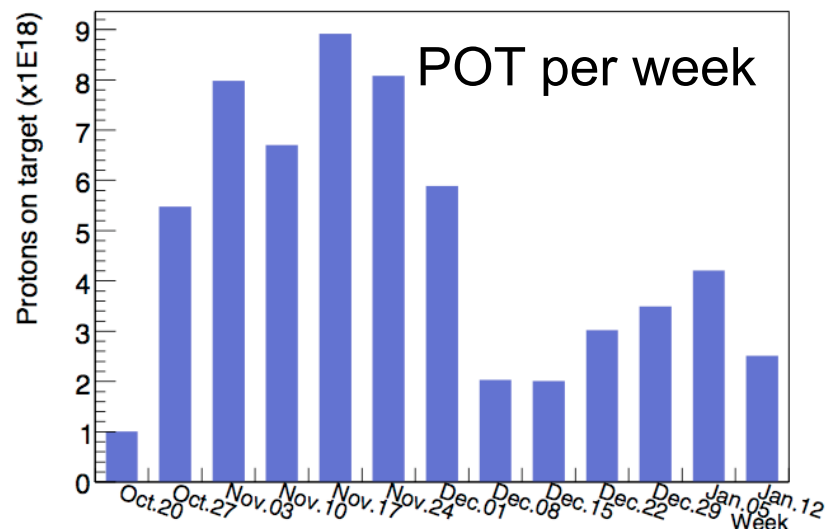
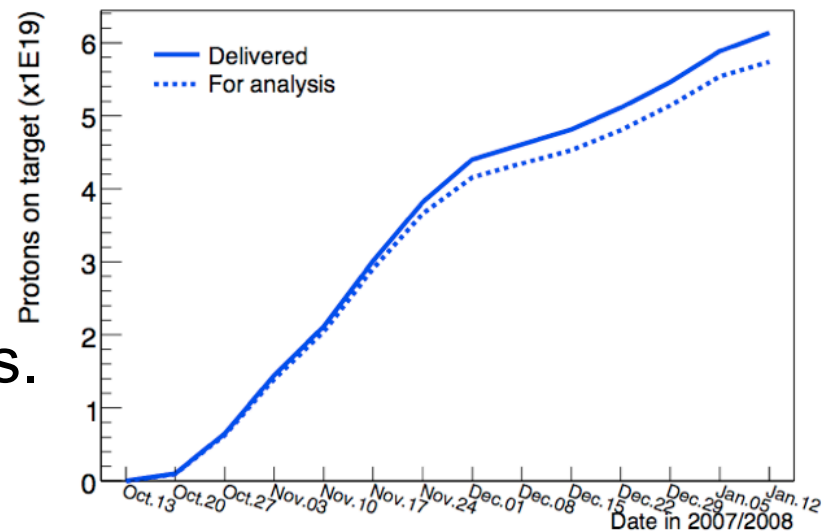
- SciBooNE Detectors

- Uptime: 80% (period with beam on)
- SciBar: 2 HV trips
  - Jan 7: reset OK
  - Jan 8: Tripped at 2 am, eventually linked to a faulty cable and replaced: ~9 hours
- EC: stable except for ADC card reset: 0.5 hours
- MRD: replaced ADC card during planned access

# Protons On Target

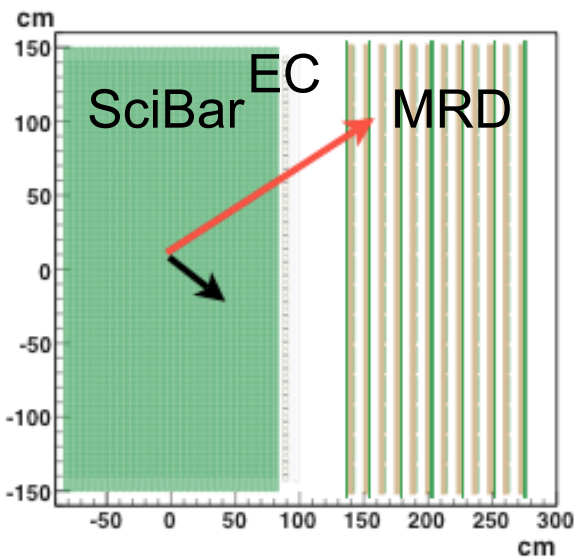
- POT Collected (Jan 6 - Jan 12)
  - 2.5E18 POT delivered,
  - 2.0E18 POT for physics analysis.
- Total POT ( $\nu$  mode) 5.7E19
- Total POT ( $\nu+\bar{\nu}$ ) 1.11e20!

## 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

