



SciBooNE (E954) status

Hide TANAKA
(Columbia University)

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Weeks Summary Oct. 15 - Oct. 28

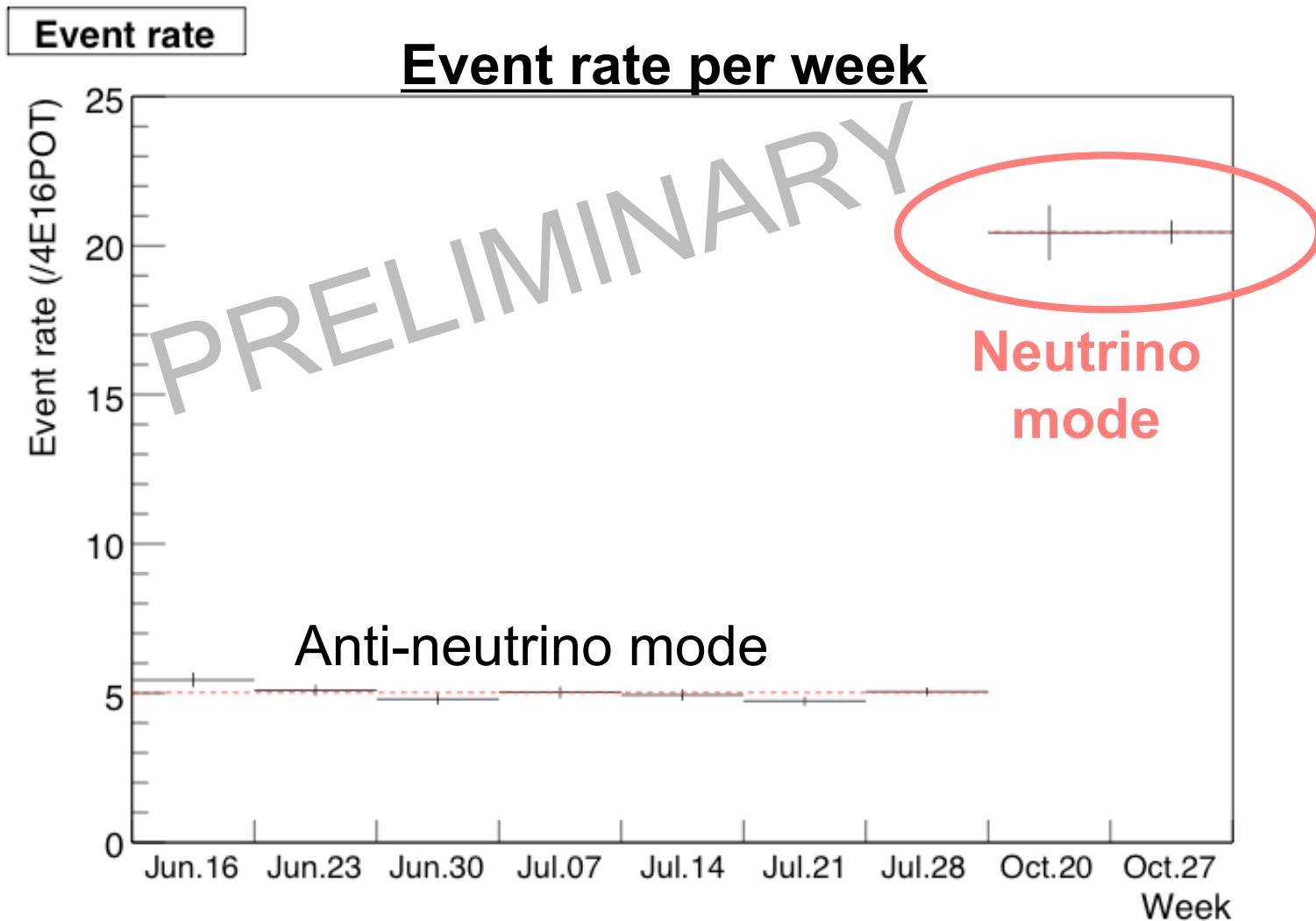
- Booster Neutrino Beam (BNB)
 - Operating stably
 - Booster increasing intensity
- All SciBooNE detectors are stable.
 - No major detector problem last two weeks.
- Detector uptime (period with beam): 97%
 - No major down time

Data taking status

- Proton On Target (by Oct. 27)
 - 6.3E18 POT delivered,
 - 6.1E18 POT for physics analysis.
- Total CC-event candidates reconstructed in SciBar: ~**3000** *events*

PRELIMINARY

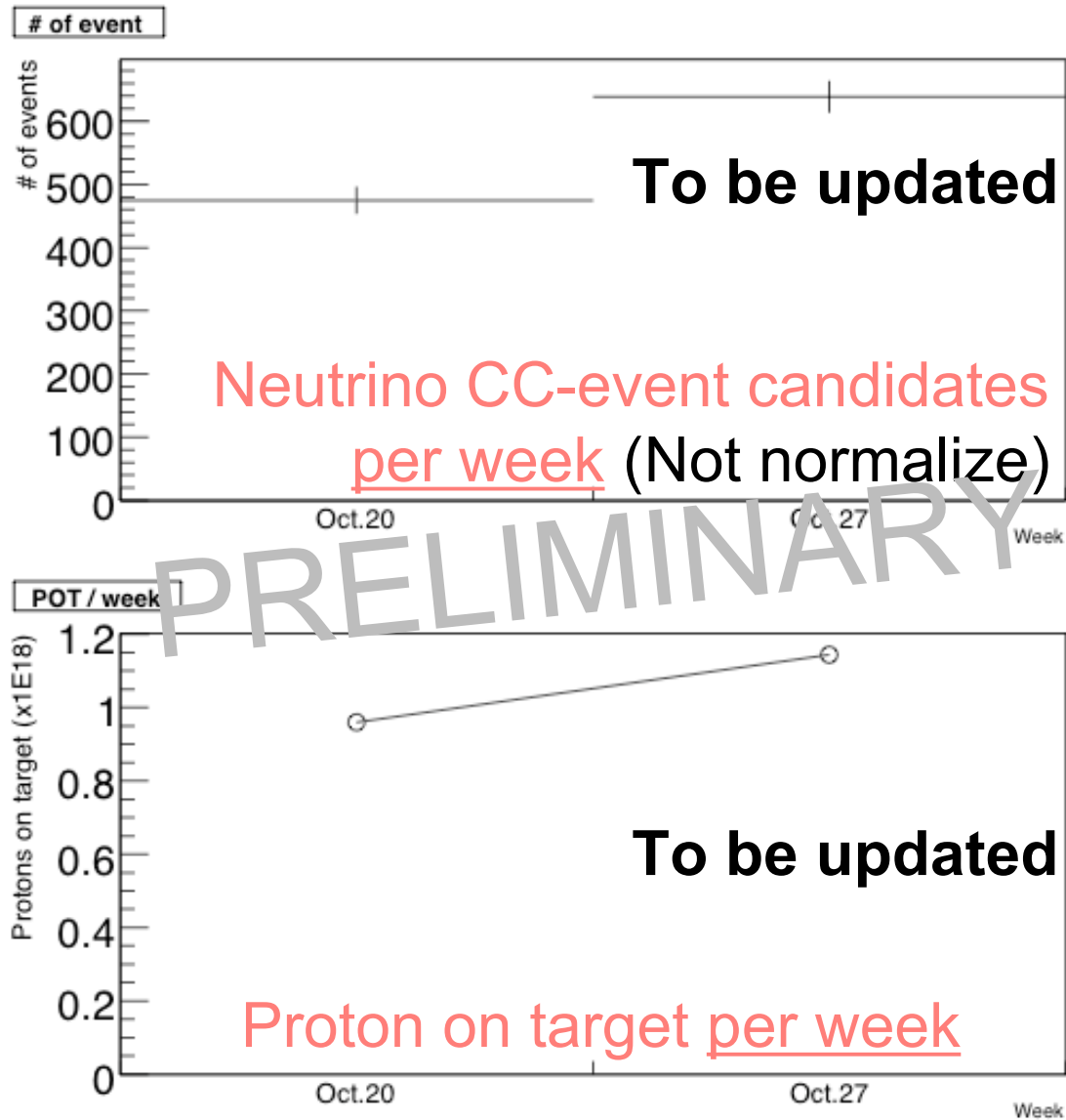
POT normalized event rate



Definitely collecting neutrino data!

Backup

Collected ν events & POT



Selection CC- ν -event candidate

1. Select event candidates in beam window (requires more than 6 contiguous hits with >2 p.e. in 2 μ s)
2. Require no hit on 1st layer (most upstream scintillator layer) [to reject Dirt & CR]. And require >1 hit on last layer.
3. Upstream edge of track (vertex) in fiducial volume [to reject Dirt & CR events]
4. Length of track must be more than 13cm (5 layers)

