



SciBooNE status

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for SciBooNE collaboration

<http://www-sciboone.fnal.gov/>

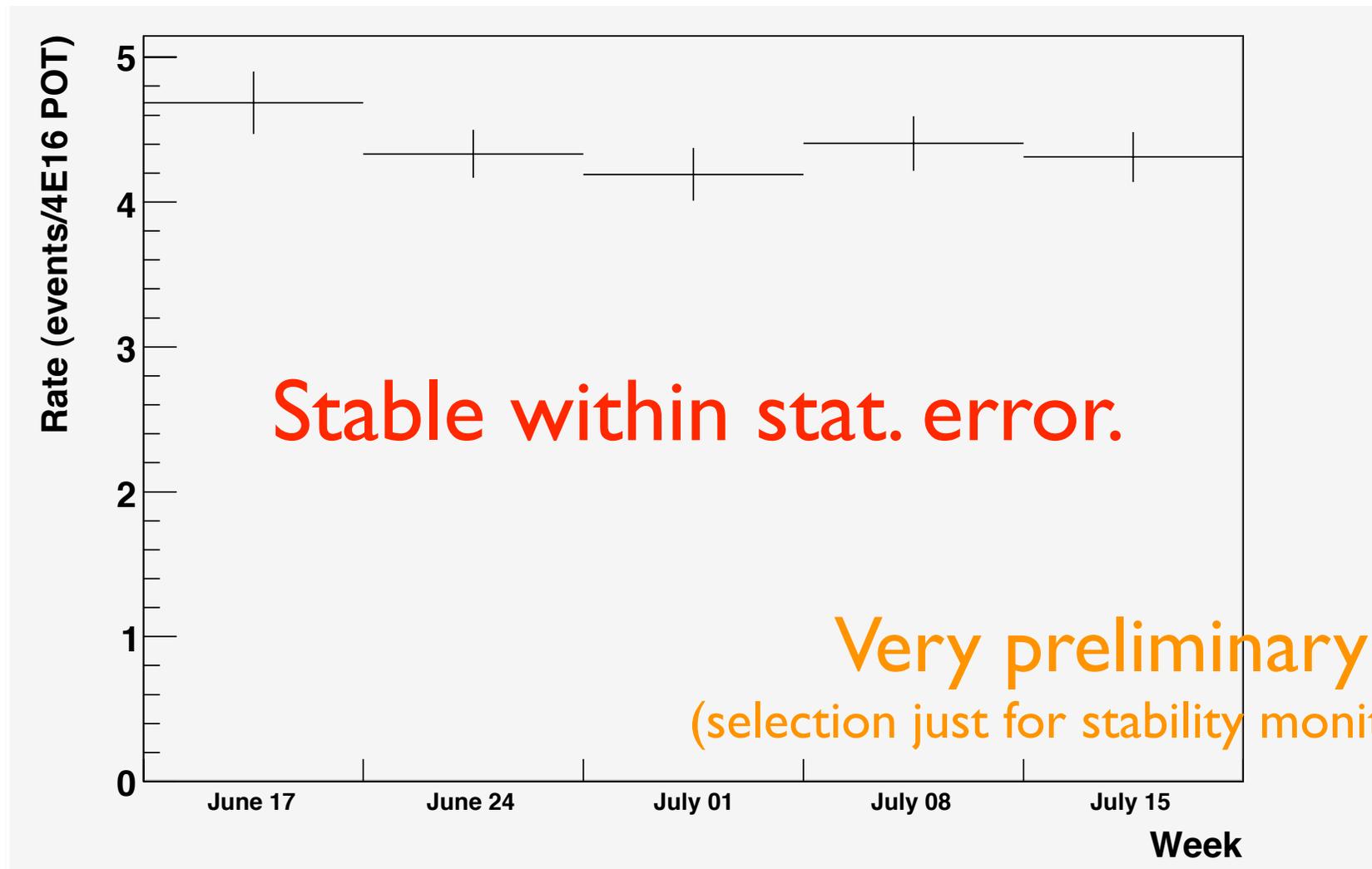
07/16/2007

All Experimenters Meeting

Weekly Summary: Jul.8-15

- Detector uptime (for period w/ beam): 97%
- Major downtime sources:
 - EC ADC trouble: ~1 hour
 - Run switching: total ~1 hour
- Maintenance work during Wednesday beam downtime
- POT for physics this week: $\sim 5.8E18$ POT

Event rate / POT for each week



Jun. 17

Jul. 15

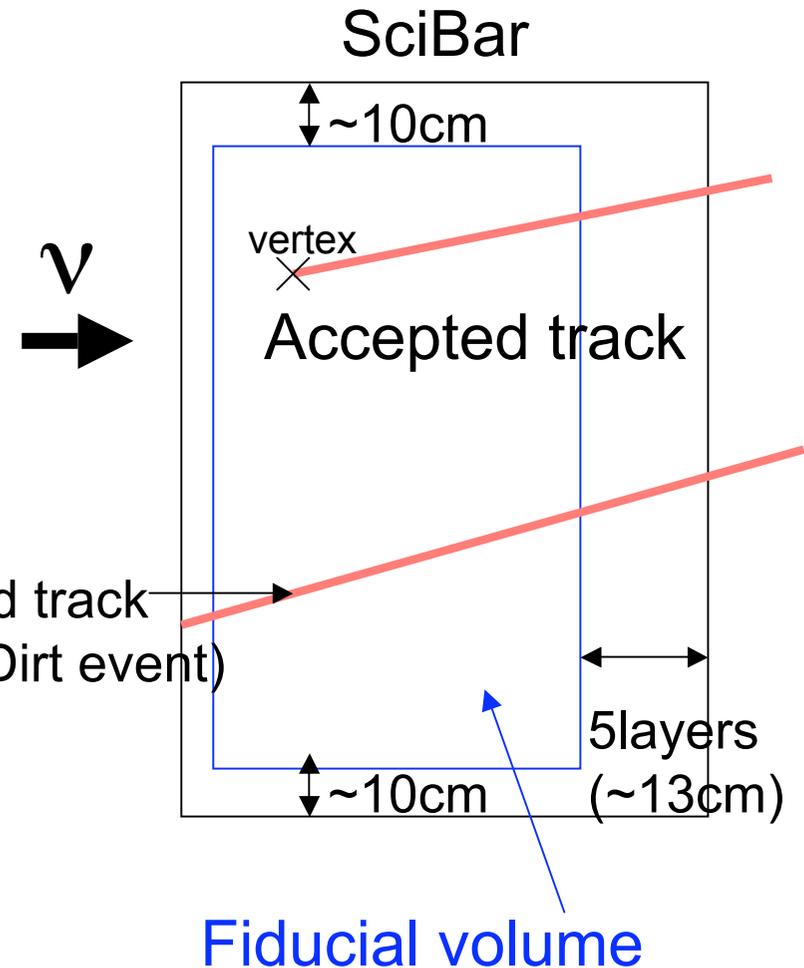
Data summary/prospects

- Total physics data (anti-neutrino mode):
~2.6 E19 POT
- ~4E19 POT will be collected before shutdown.
- Working hard to produce physics results!

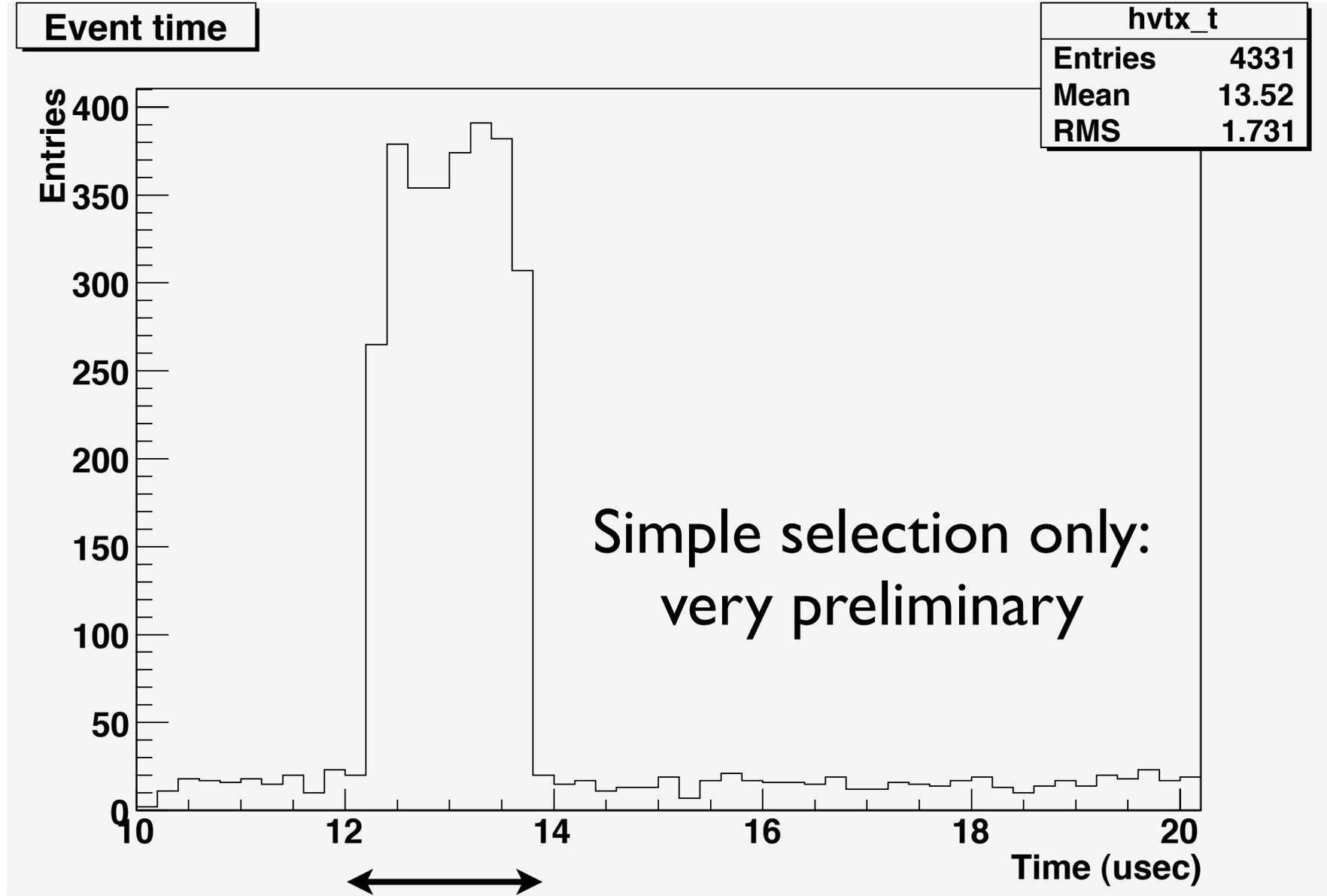
Backup

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)



Timing distribution of selected events



beam timing