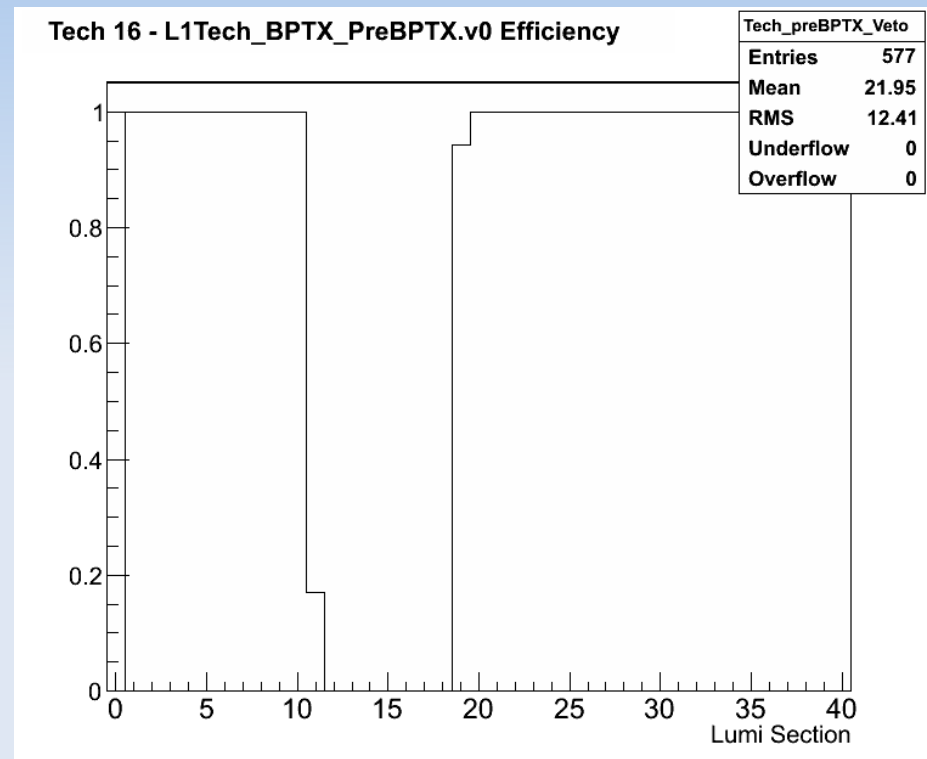
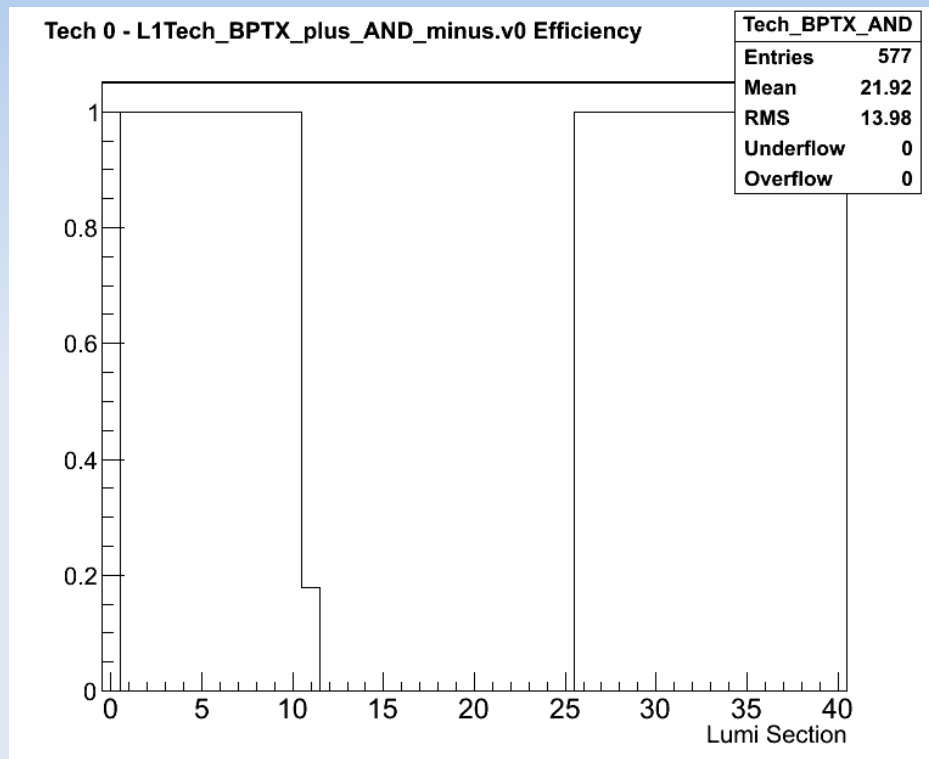


# L1TBPTX test



- Yesterday we were able to do the L1TDQM BPTX test (by disabling the inputs to GT)
- Test was successful and the Monitoring tools correctly identified the changed in the system.
- Now tool will be included in the alarms at P5.

- What the L1TBPTX module will detect:
  - Efficiency changed on the BPTX\_AND and preBPTX veto
  - Miss fire rate changes on the BPTX\_AND and preBPTX veto
- What the L1TBPTX module will **NOT** detect:
  - preBPTX veto firing 100% of the times (since not events will go to DQM)

A possible solution would be to trigger an alarm if no events end up in this module in a LS. But this could make the alarm fire when beams are dumped.