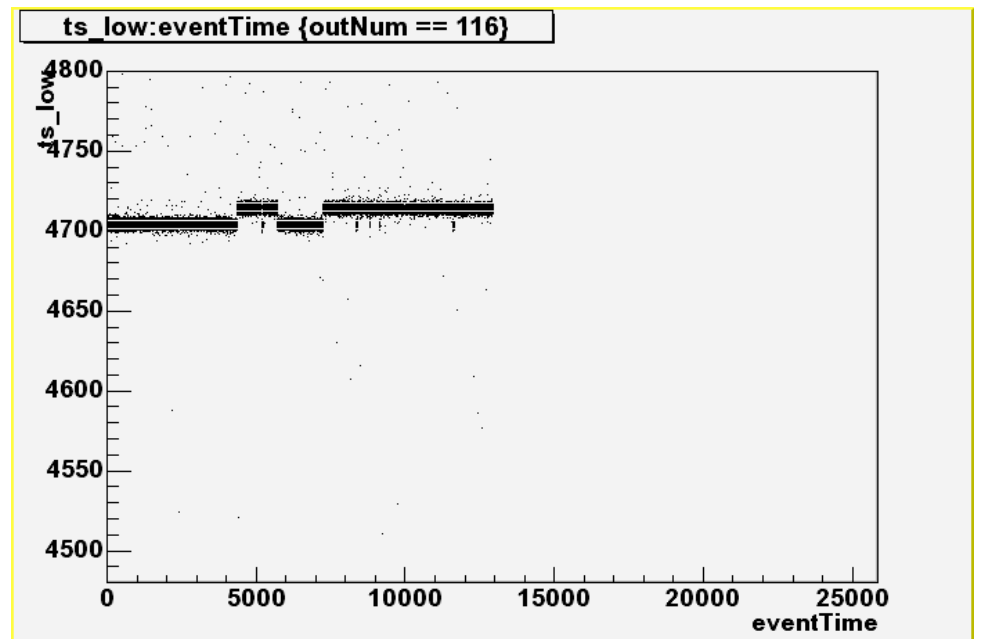
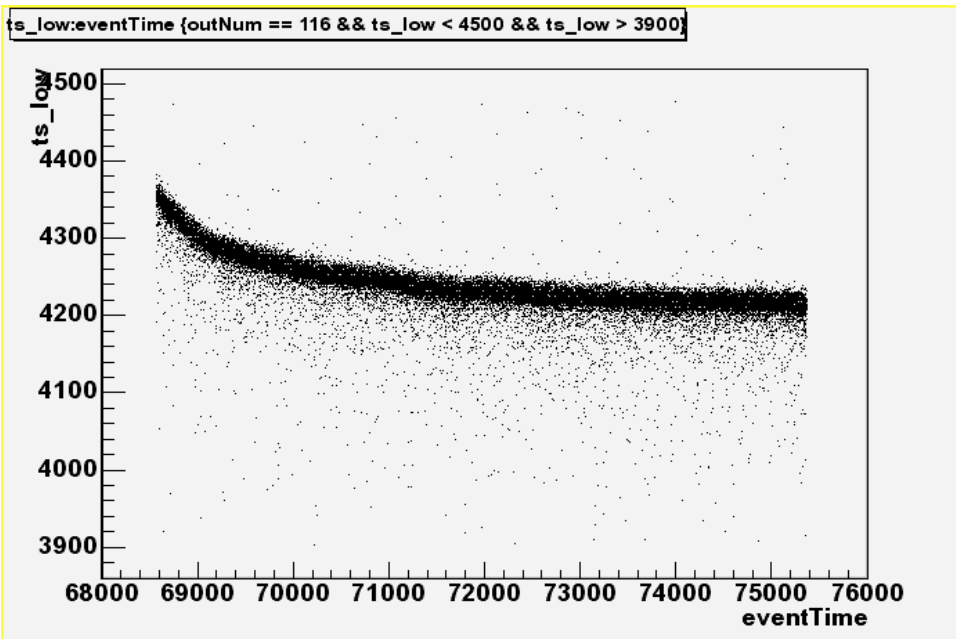


Timing Constants for Outriggers using the Milagro Laser

Matthew E. Wilson
November 16, 2003

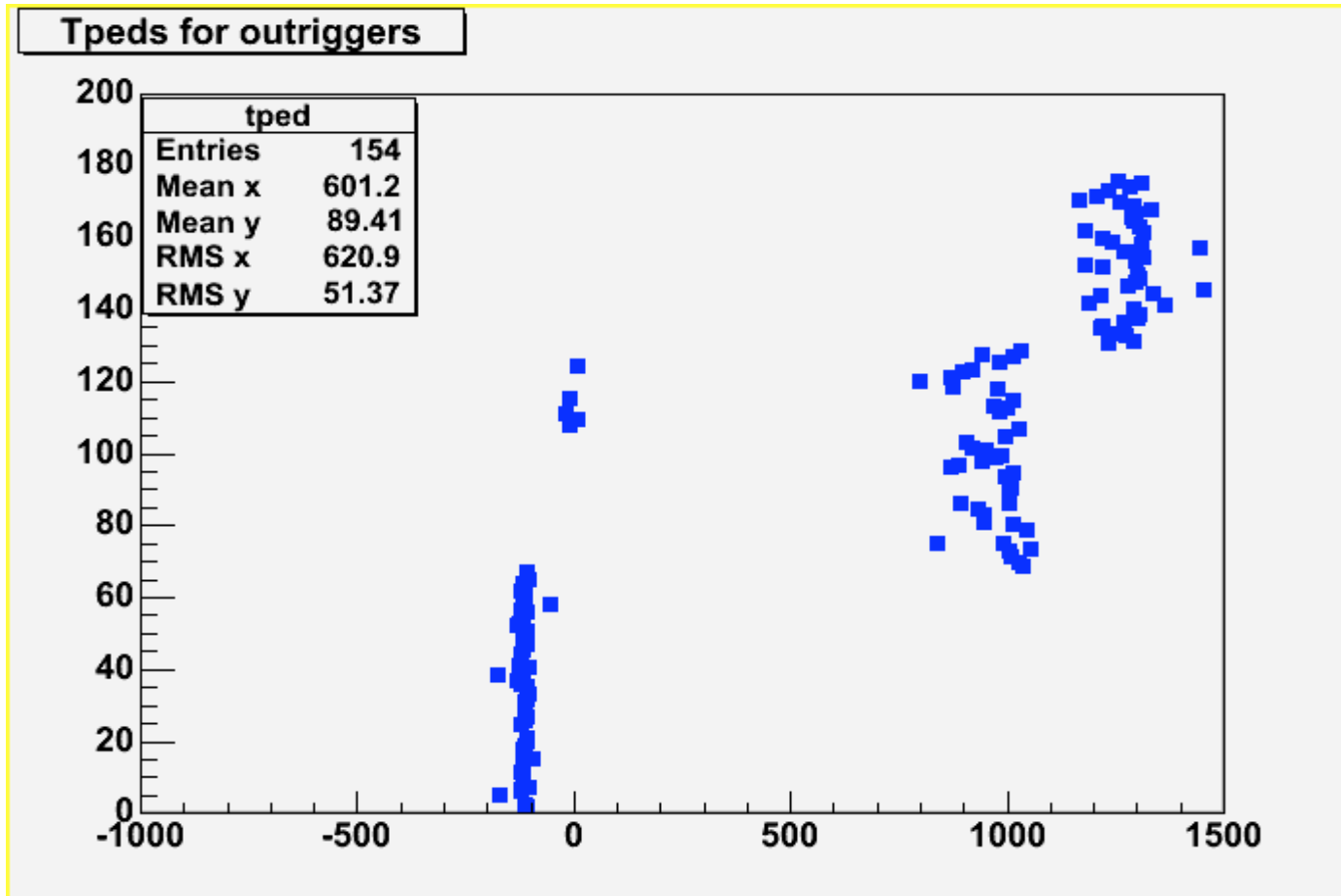
Reasons for Dual fiber method



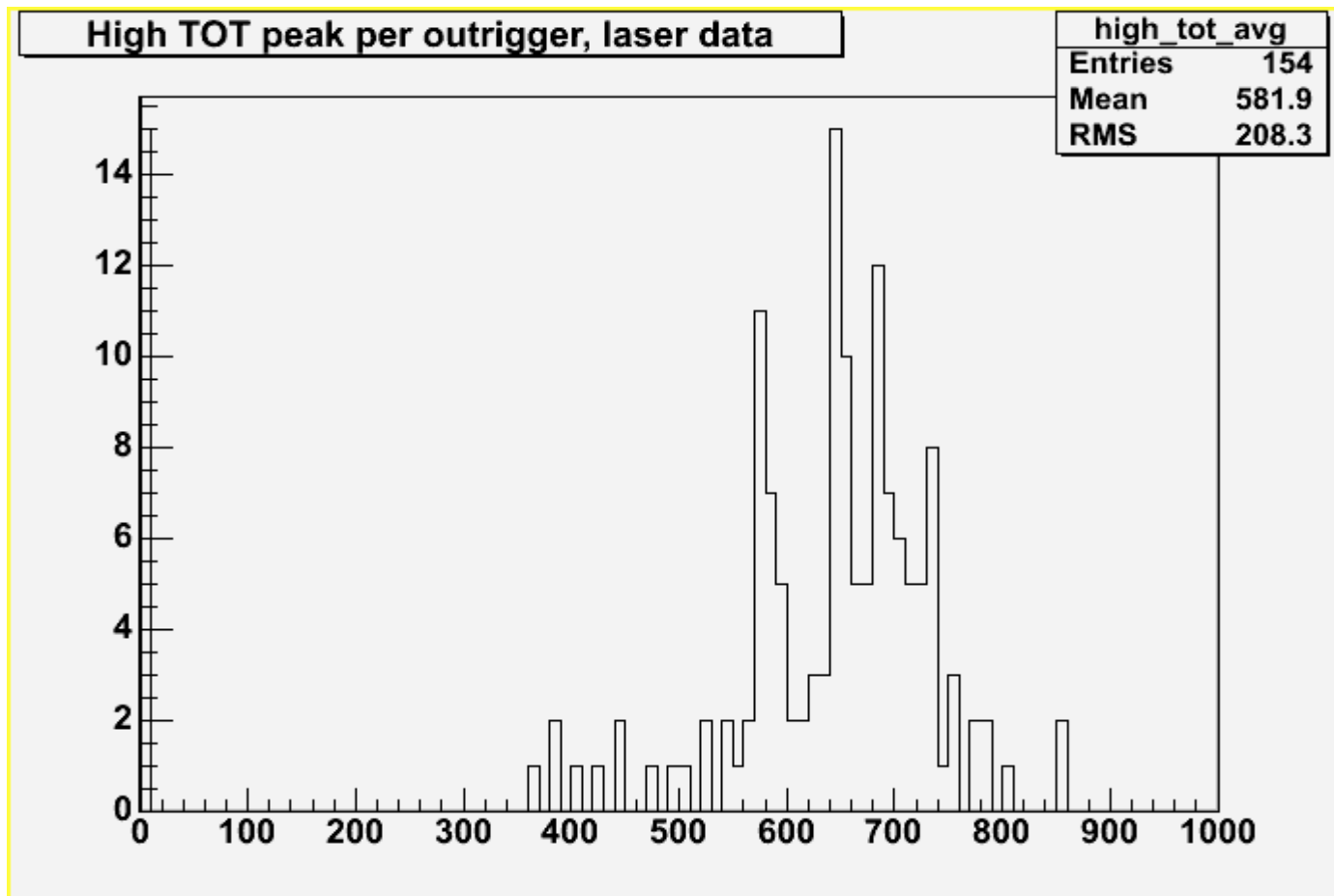
- _ Muon paddle timing is not stable.
- _ Neither was the pulse generator.

Dual fiber results

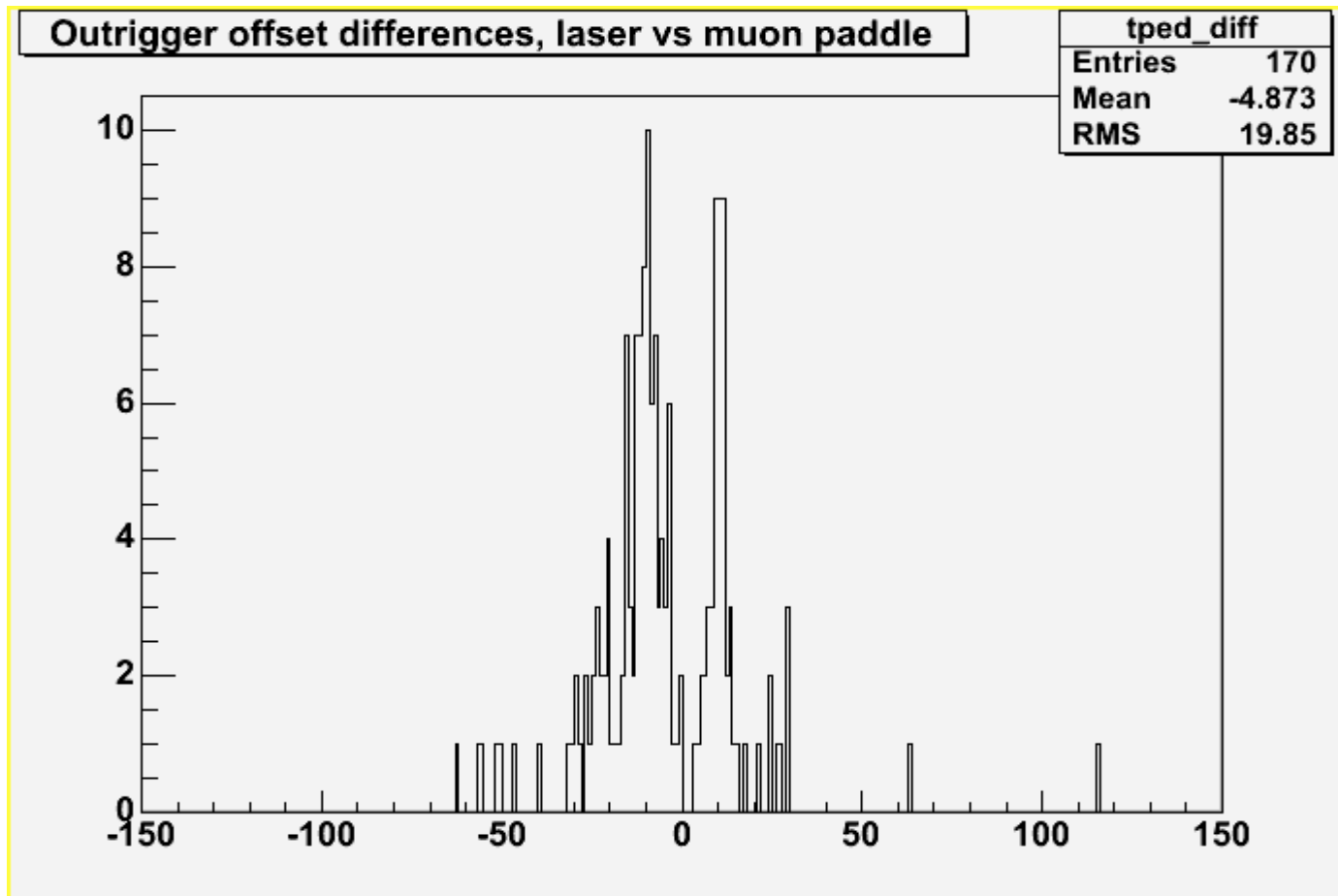
- _ Plot of timing for most outriggers



Mean High TOT

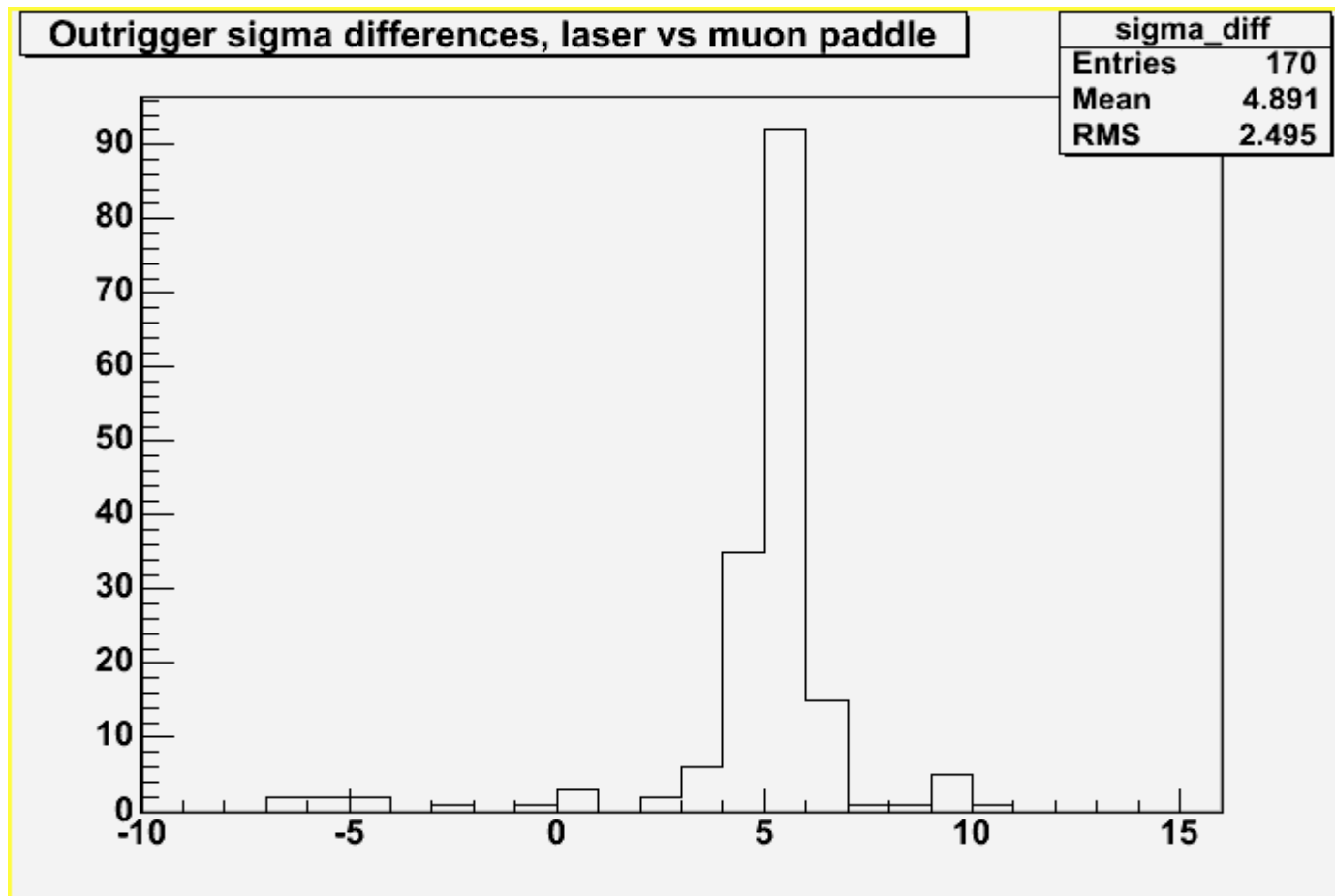


Difference between laser data and muon paddle data

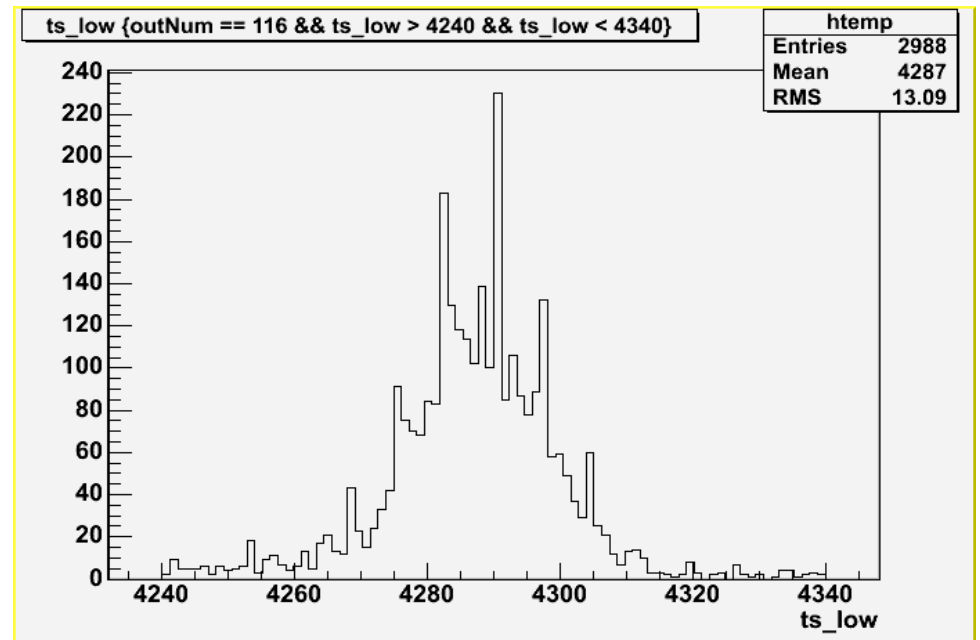
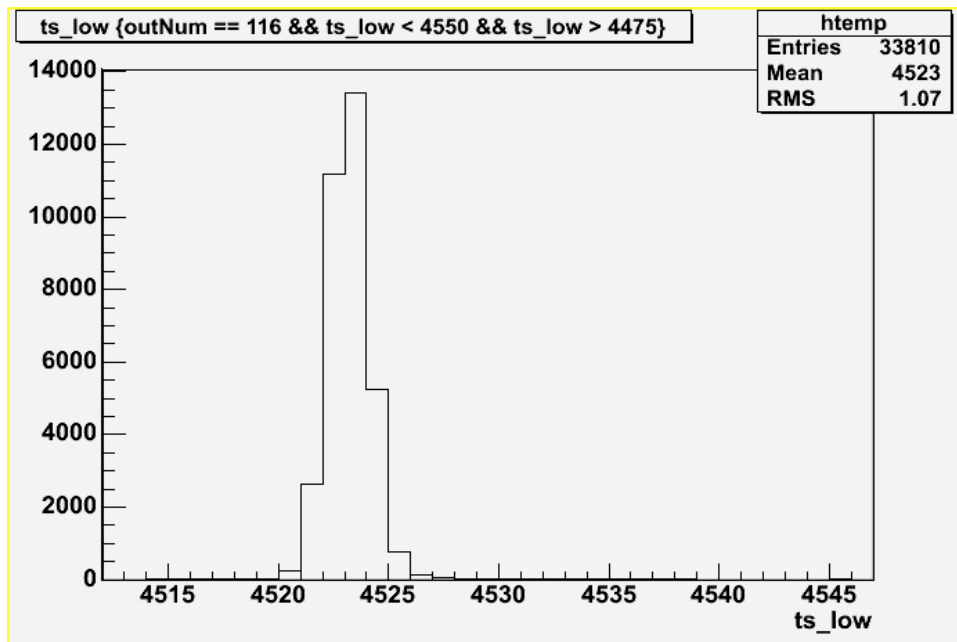


Compare results from muon and laser

- _ Sigma difference comparison.
- _ Plot is muon – laser.



Comparison of ts_low histograms



Outtrigger 116: Laser tped vs. muon paddle tped

Next?

- _ Complete pulse height calibration of outriggers.