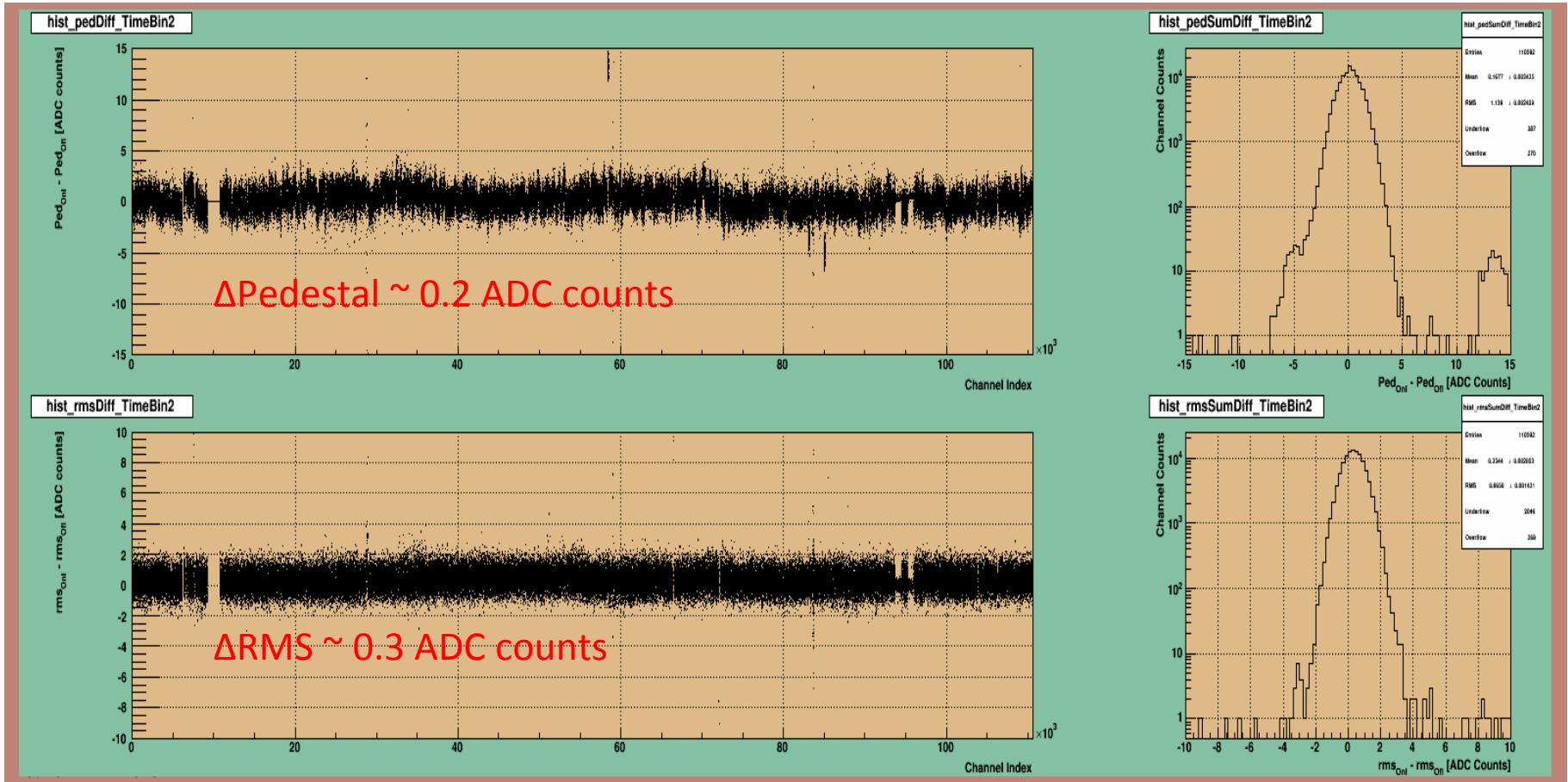

IST data Check

Yaping Wang (UIC)

Pedestal/RMS comparison between pedestal and pedAsPhysics

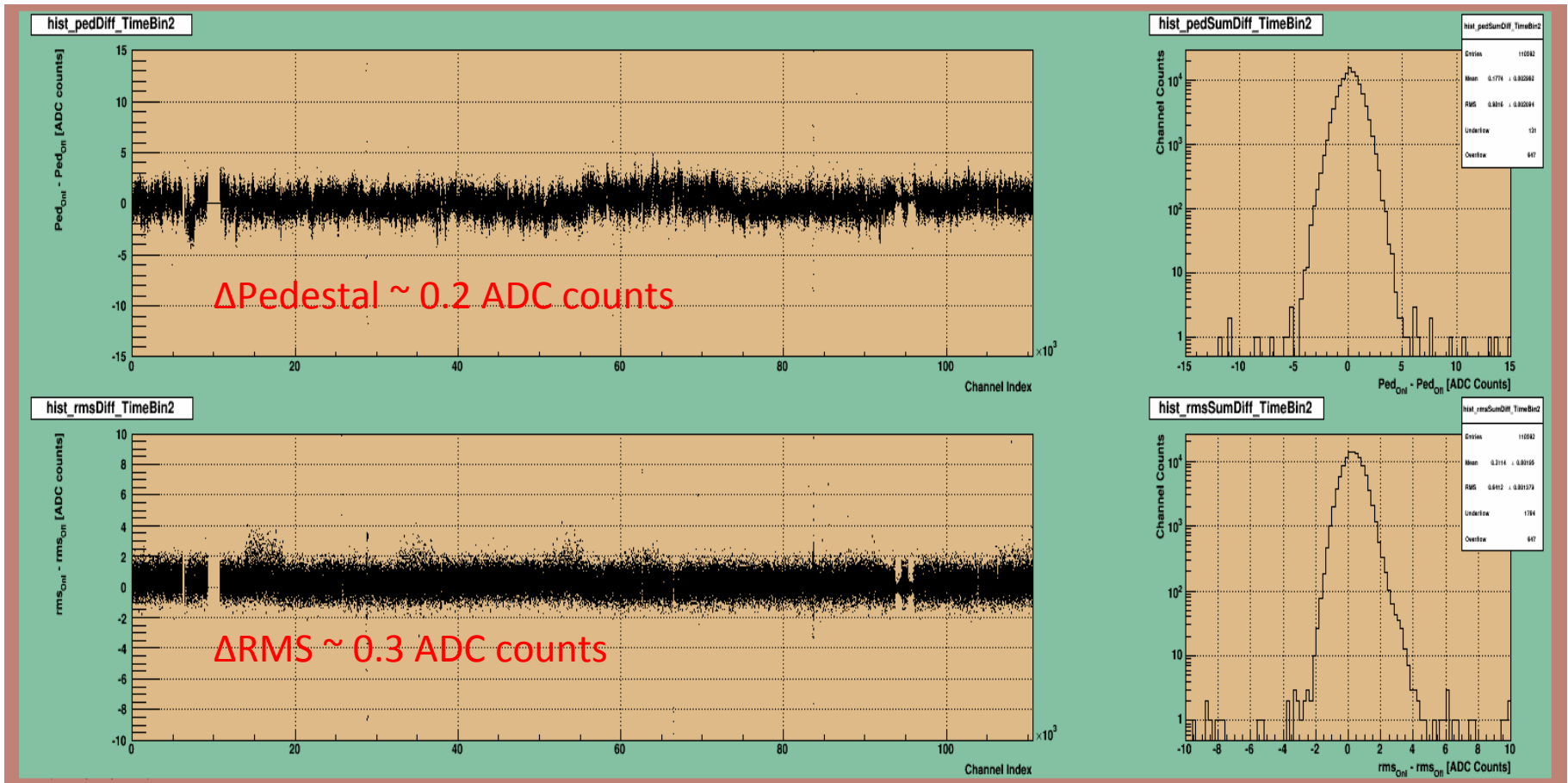
Pedestal/RMS comparison between pedestal_tcd_only (#15070025) and pedAsPhysics_tcd_only (#15070026)



These two runs were taken **before** Tonko's updates for IST DAQ code on March 11.

Pedestal/RMS comparison between pedestal and pedAsPhysics

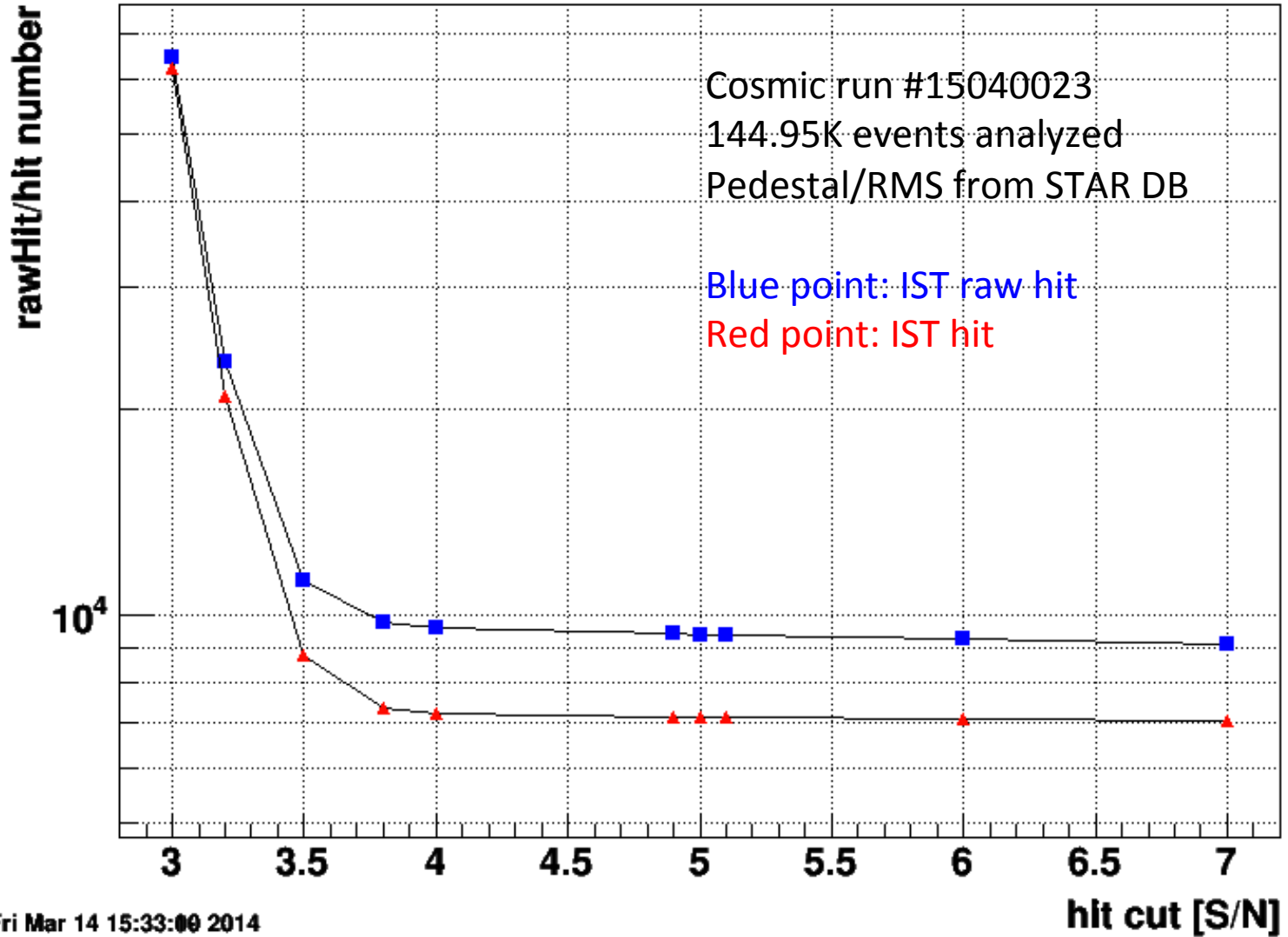
Pedestal/RMS comparison between pedestal_tcd_only (#15070111) and pedAsPhysics_tcd_only (#15070112)



These two runs were taken **after** Tonko's updates for IST DAQ code on March 11.

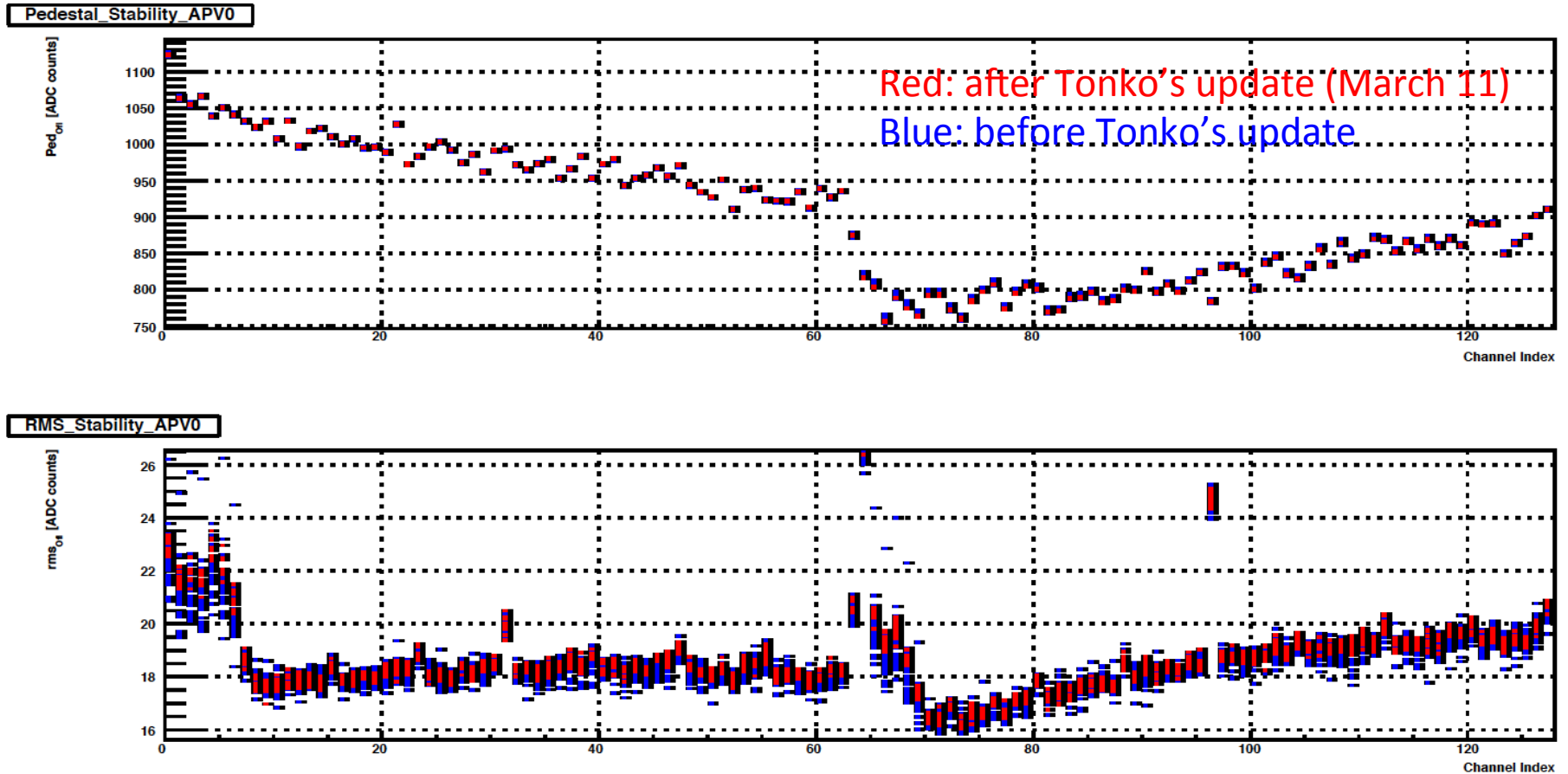
rawHits/Hits found as function of hit cut

Found rawHits (hits) number as function of hit cut



Pedestal/RMS stabilities – pedestal_tcd_only

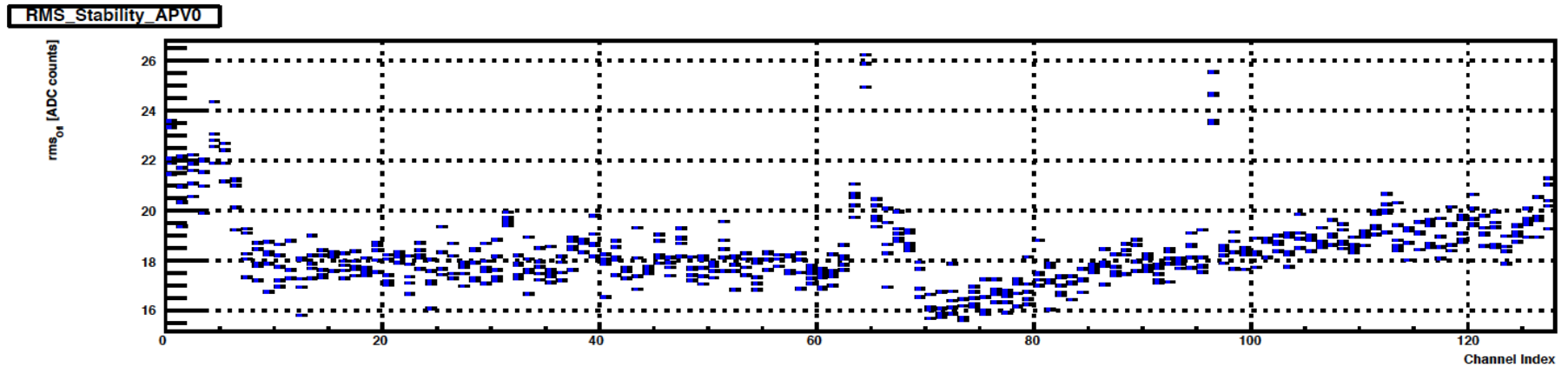
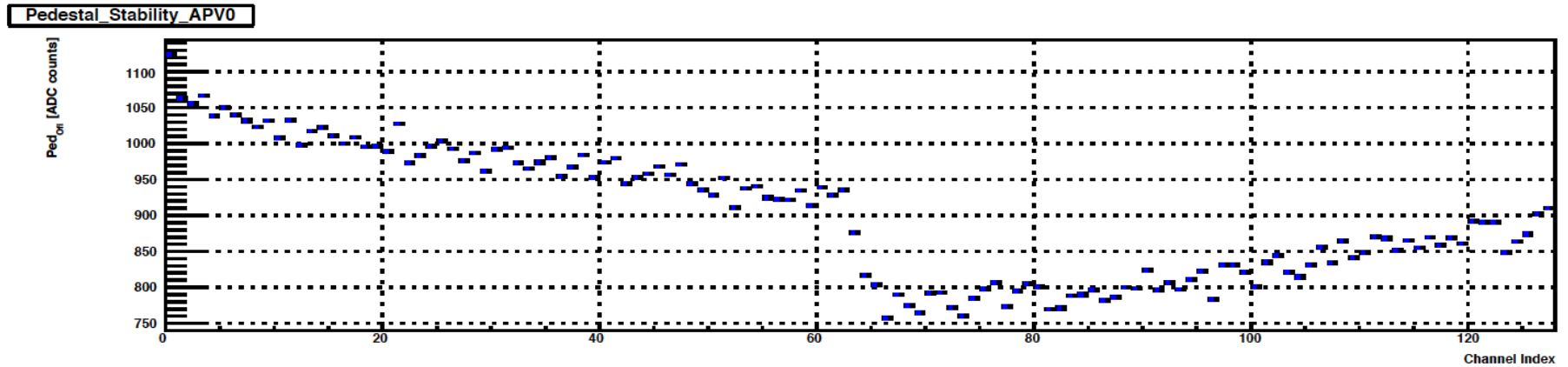
Pedestal/RMS from 40 pedestal runs (pedestal_tcd_only) plotted:



Detailed plots can be found at: http://www4.rcf.bnl.gov/~ypwang/public_html/docs/pedNoiseStability_TimeBin2_pedestalRun.pdf

Pedestal/RMS stabilities – pedAsPhysics_tcd_only

Pedestal/RMS from 5 pedestalAsPhysics runs (pedAsPhysics_tcd_only) plotted:

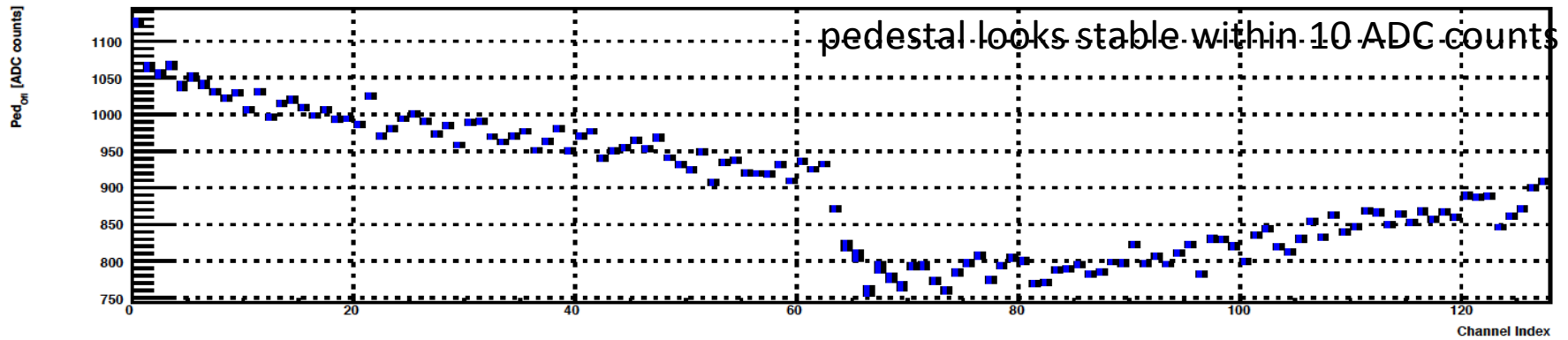


Detailed plots can be found at: http://www4.rcf.bnl.gov/~ypwang/public_html/docs/pedNoiseStability_TimeBin2_pedAsPhysRun.pdf

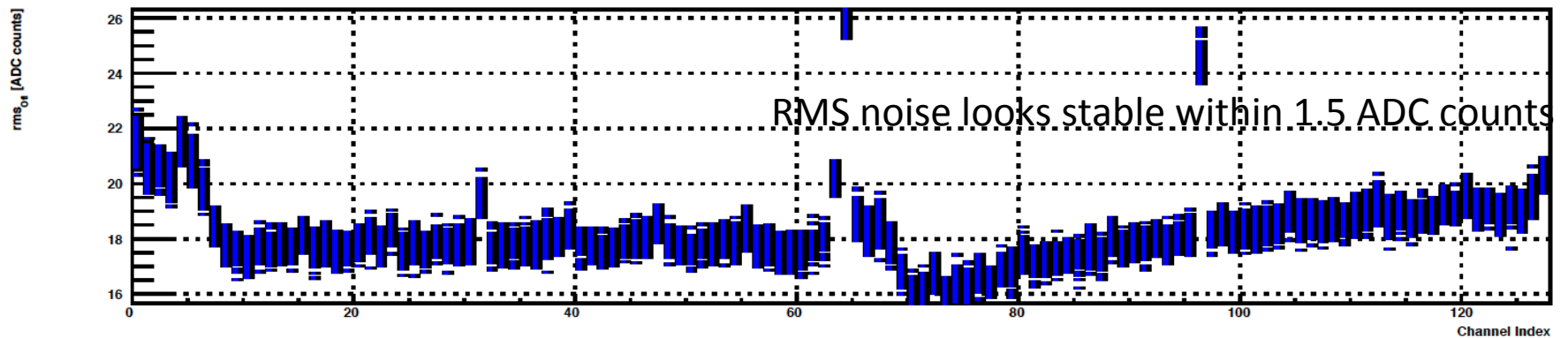
Pedestal/RMS stabilities – cosmic runs

84 runs included: 74 cosmic runs; 3*sigma cuts applied in offline calibration maker to exclude signal-like events

Pedestal_Stability_APV0



RMS Stability_APV0

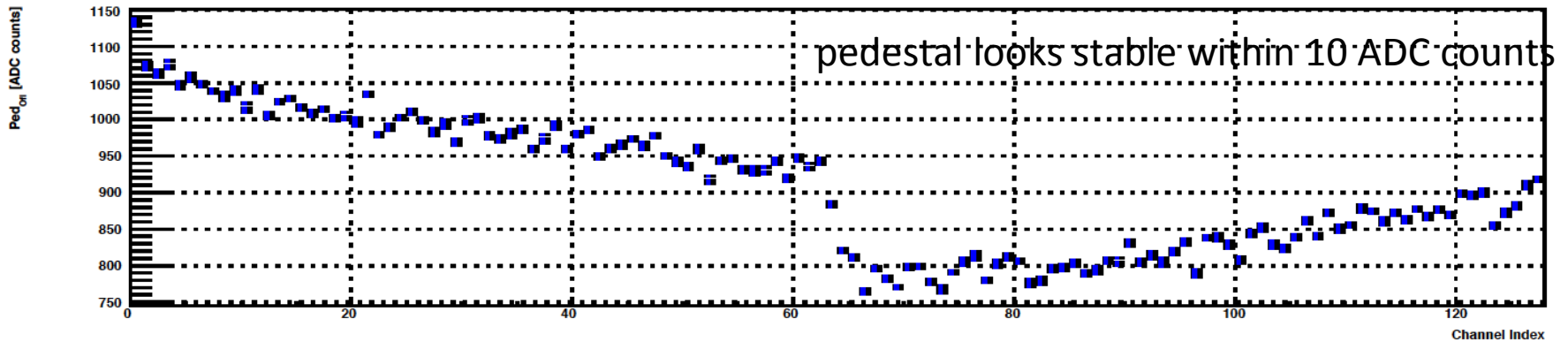


Detailed plots can be found at: http://www4.rcf.bnl.gov/~ypwang/public_html/docs/pedNoiseStability_TimeBin2_cosmicRun.pdf

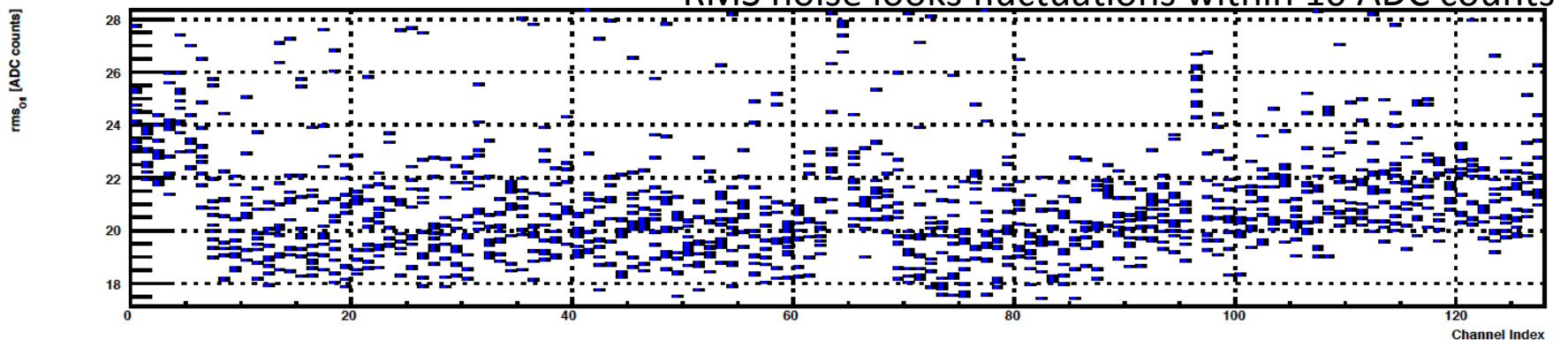
Pedestal/RMS stabilities – Au+Au@15 GeV runs

84 runs included: 11 physics runs; 3*sigma cuts applied in offline calibration maker to exclude signal-like events

Pedestal Stability APV0

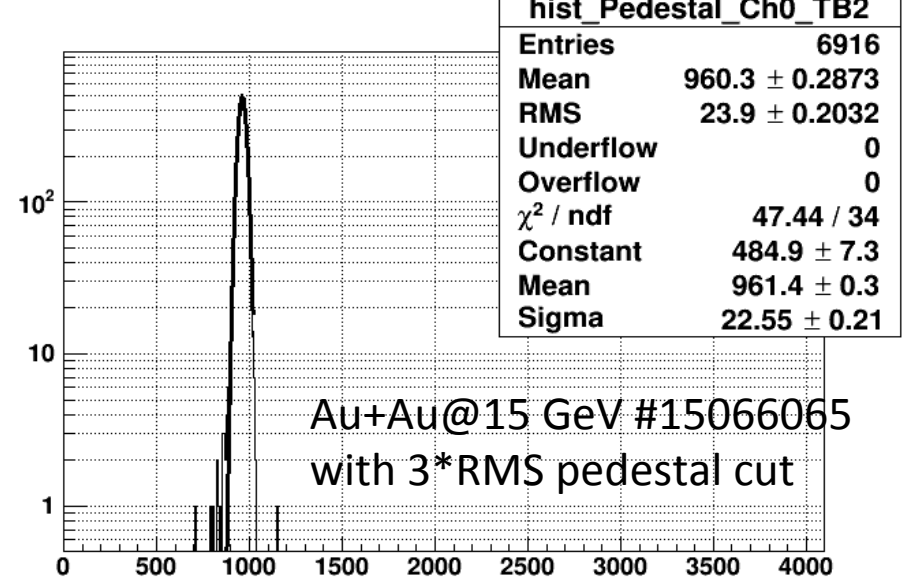
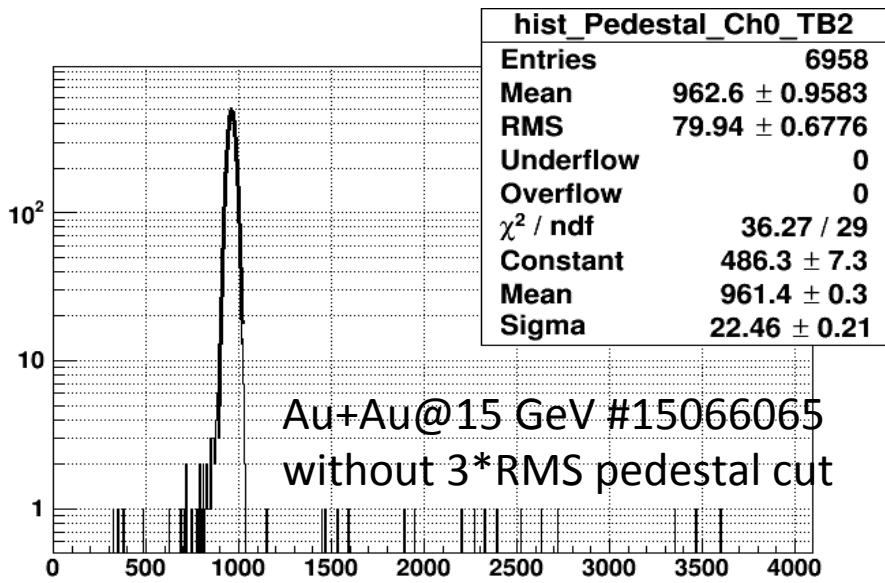
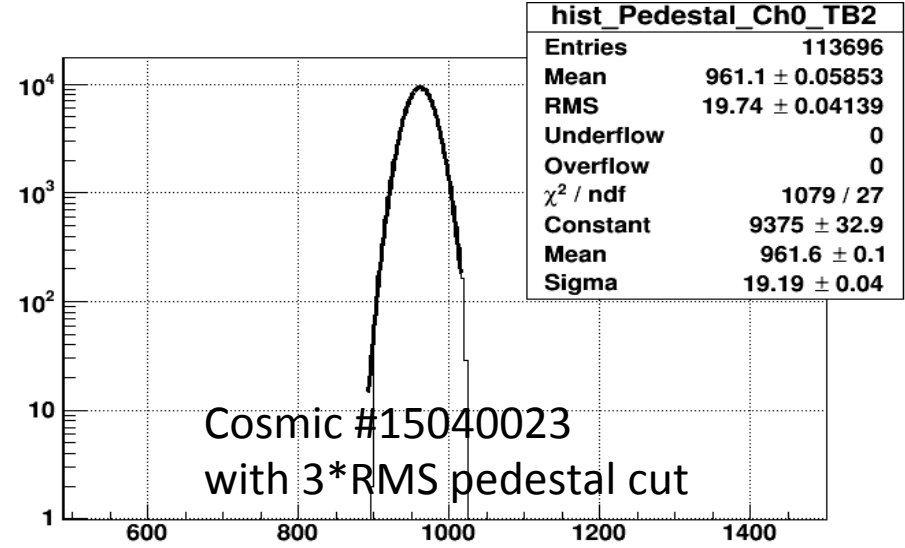
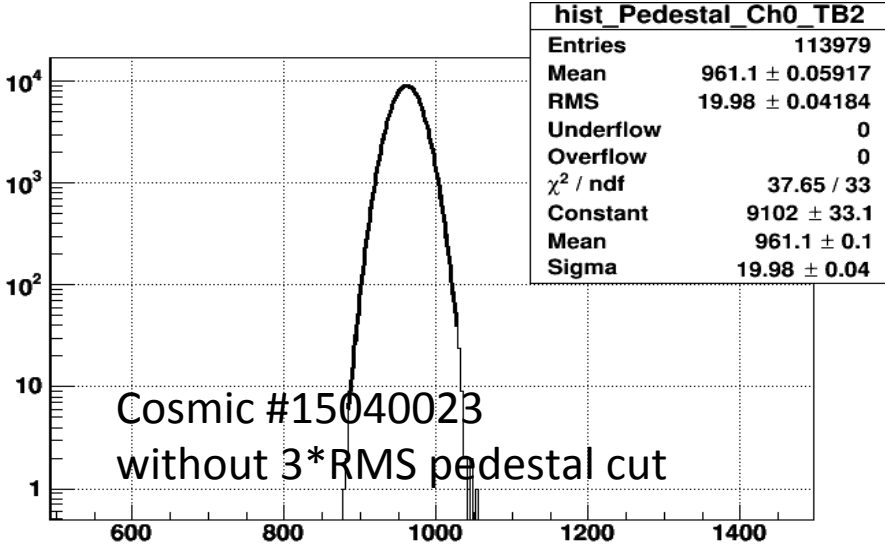


RMS Stability APV0



Detailed plots can be found at: http://www4.rcf.bnl.gov/~ypwang/public_html/docs/pedNoiseStability_TimeBin2_physicsRun.pdf

Pedestal/RMS stabilities – pedestal shape



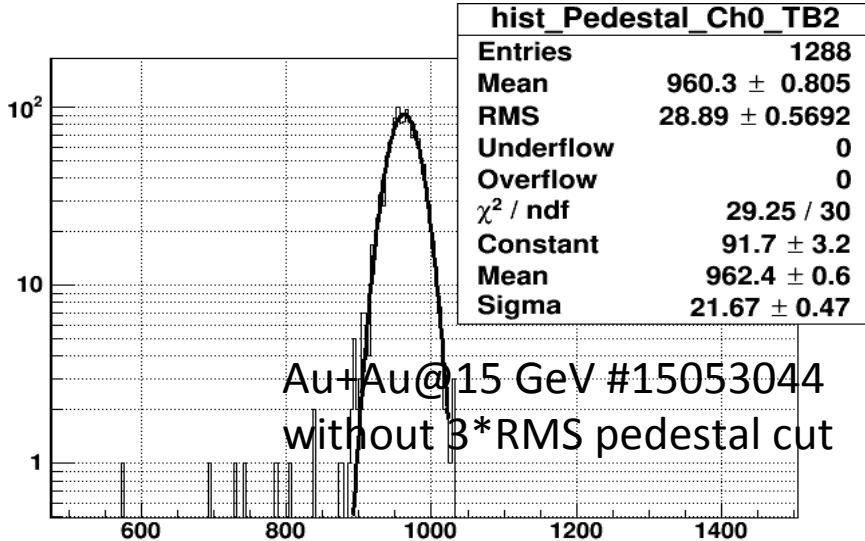
Thu Mar 13 23:40:09 2014

Thu Mar 13 23:43:35 2014

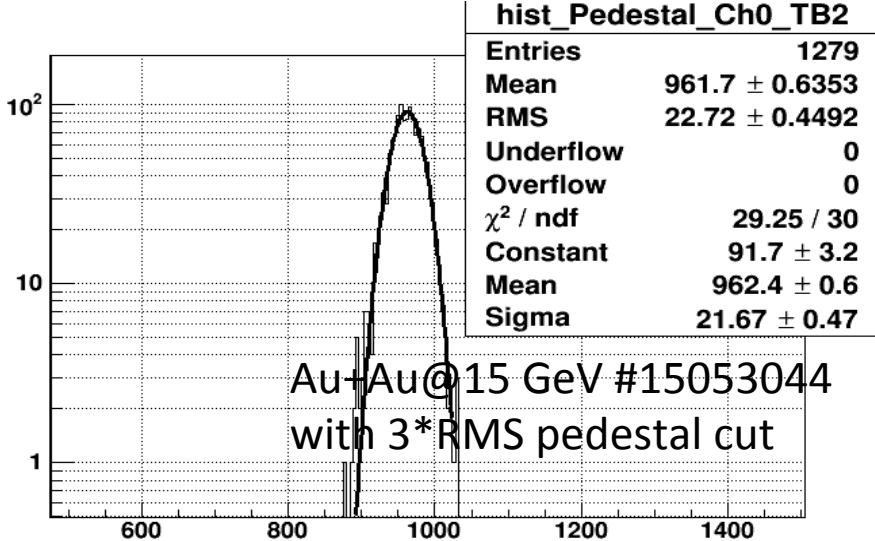
Thu Mar 13 23:50:21 2014

Thu Mar 13 23:55:48 2014

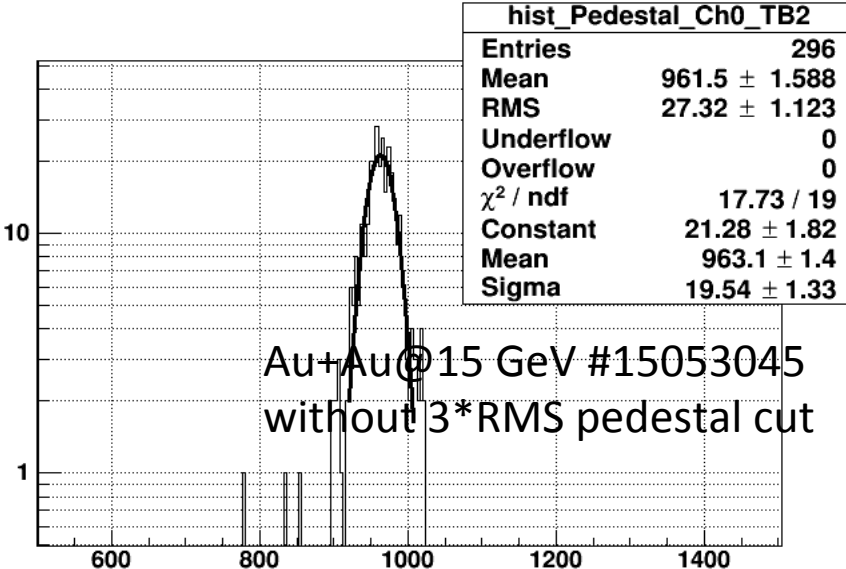
Pedestal/RMS stabilities – pedestal shape



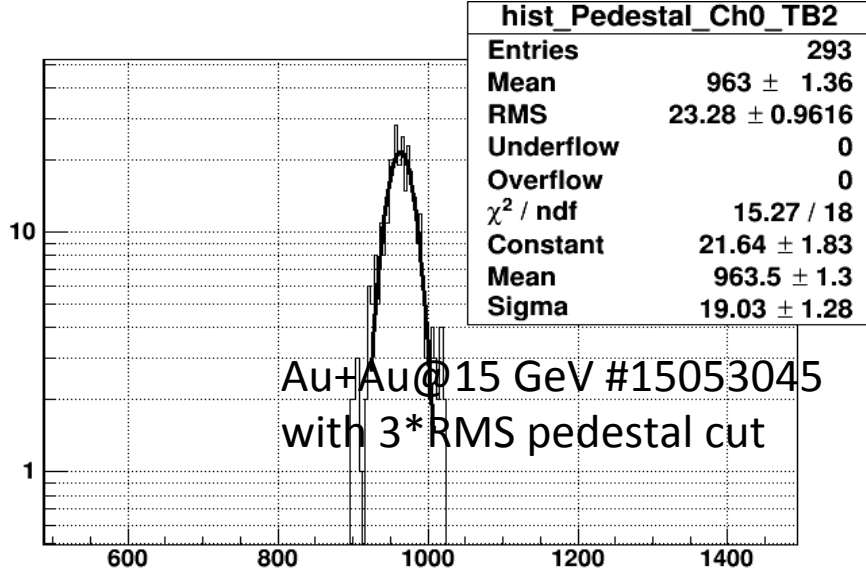
Fri Mar 14 12:18:10 2014



Fri Mar 14 12:20:13 2014

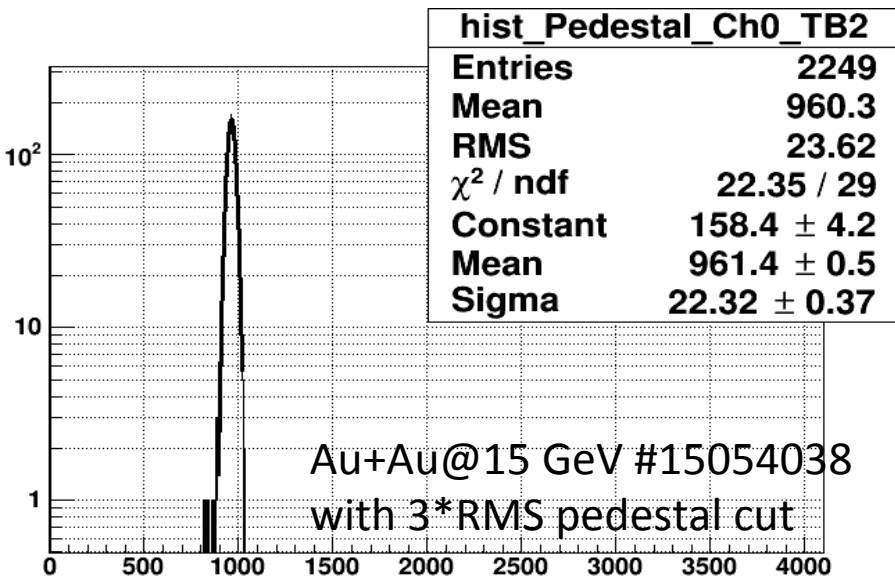
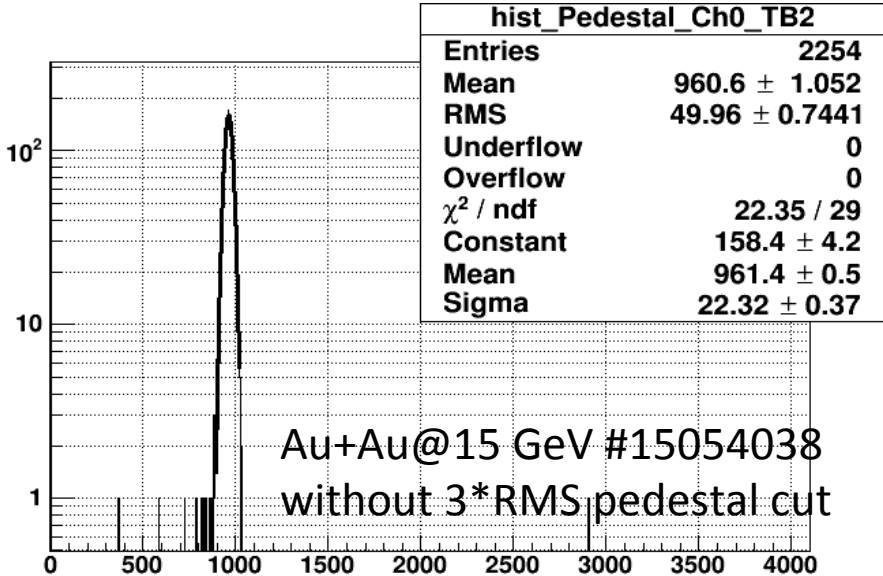
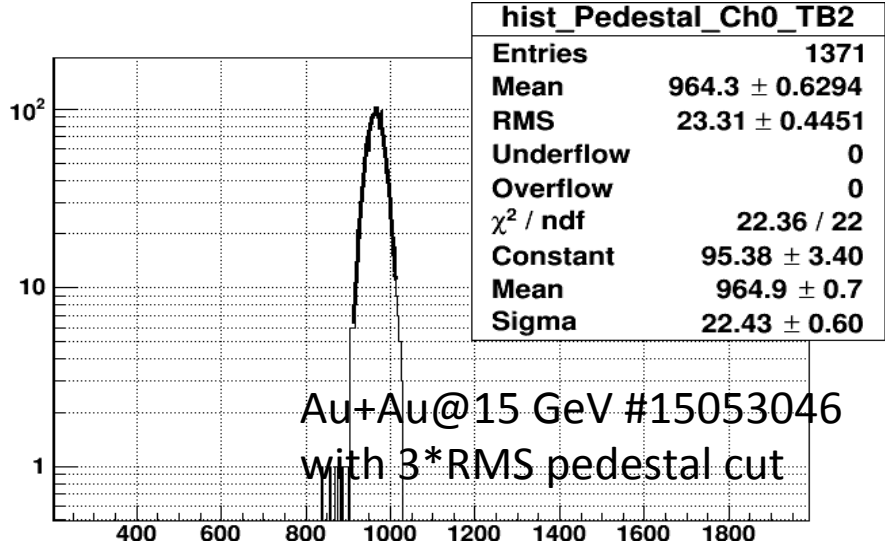
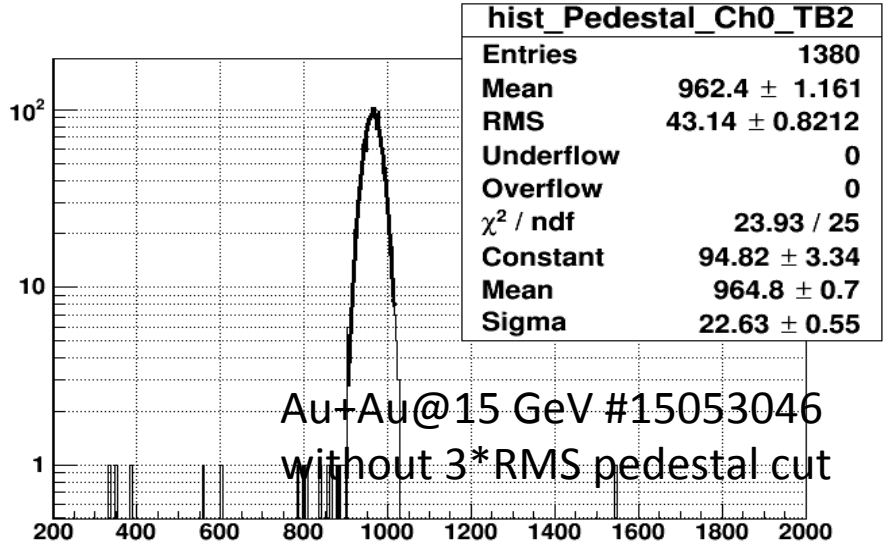


Fri Mar 14 12:11:06 2014



Fri Mar 14 12:12:31 2014

Pedestal/RMS stabilities – pedestal shape



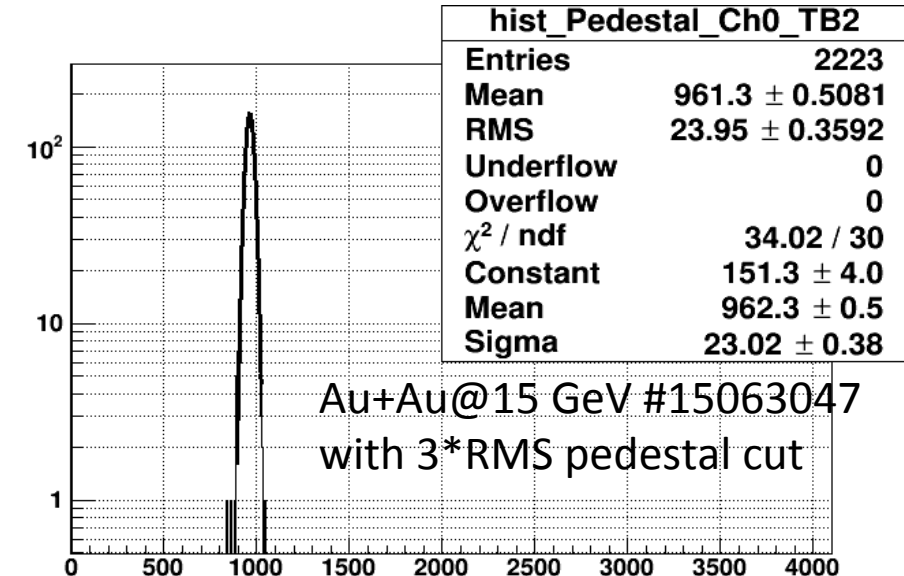
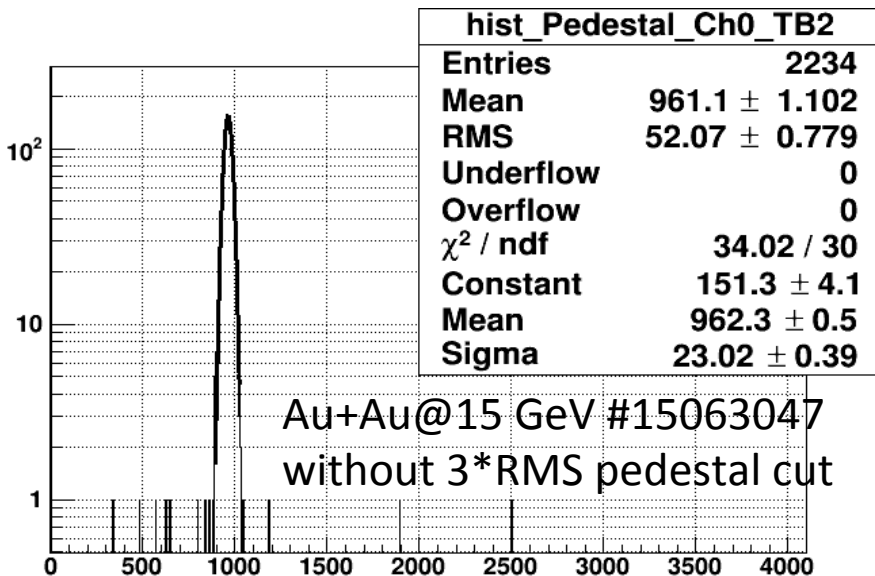
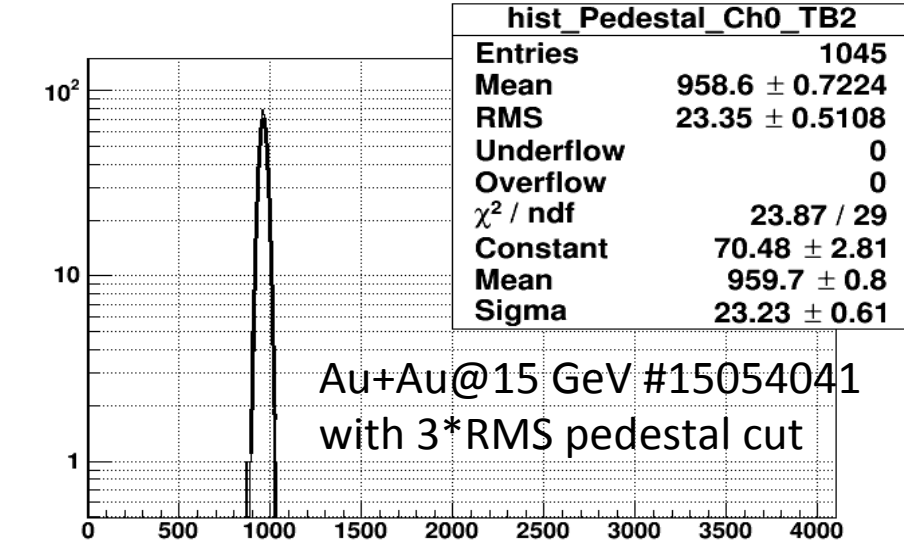
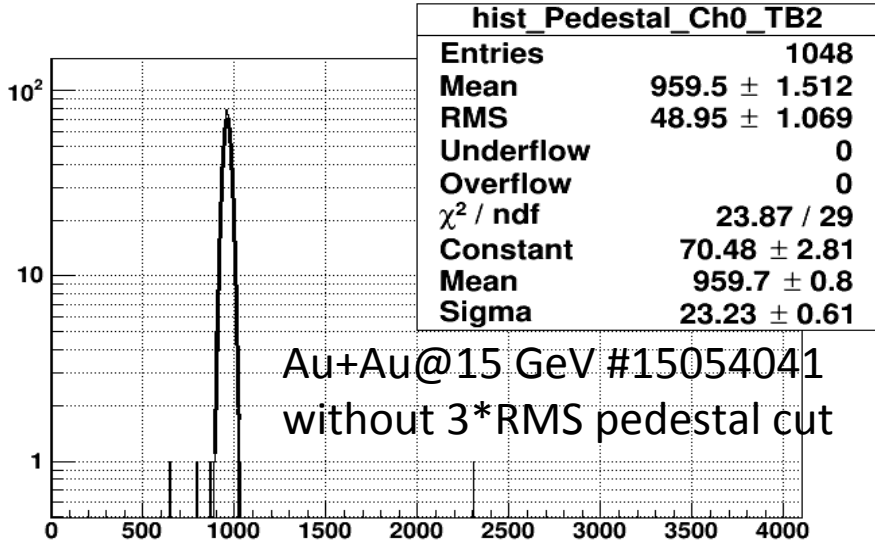
Fri Mar 14 11:26:49 2014

Fri Mar 14 11:29:13 2014

Fri Mar 14 11:53:31 2014

Fri Mar 14 11:56:05 2014

Pedestal/RMS stabilities – pedestal shape



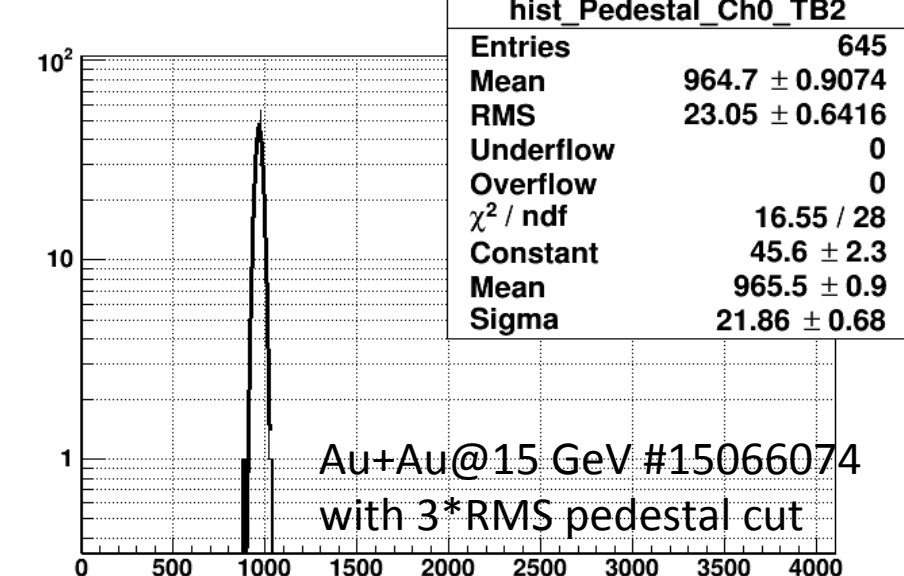
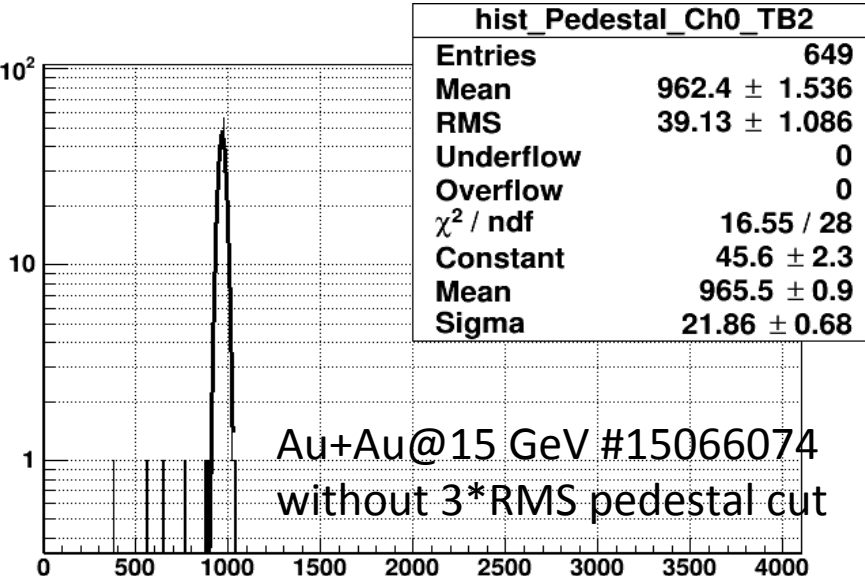
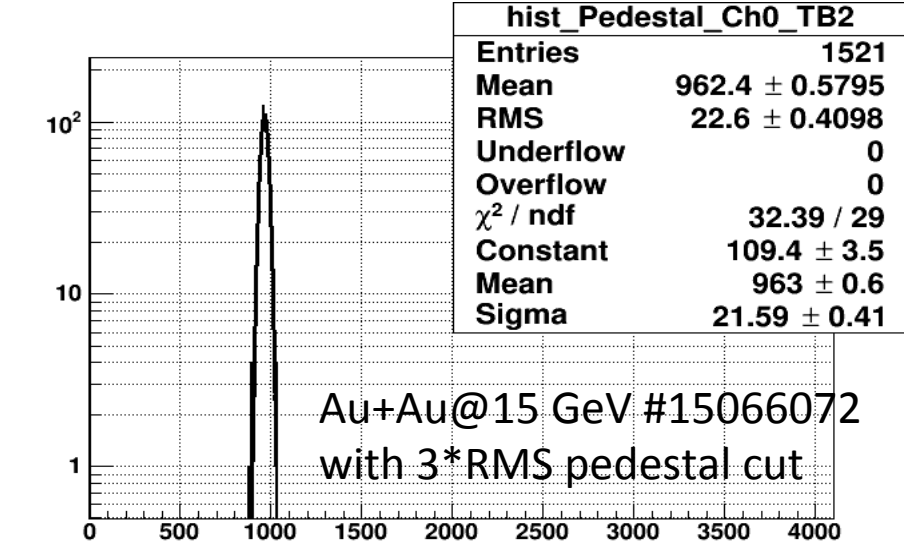
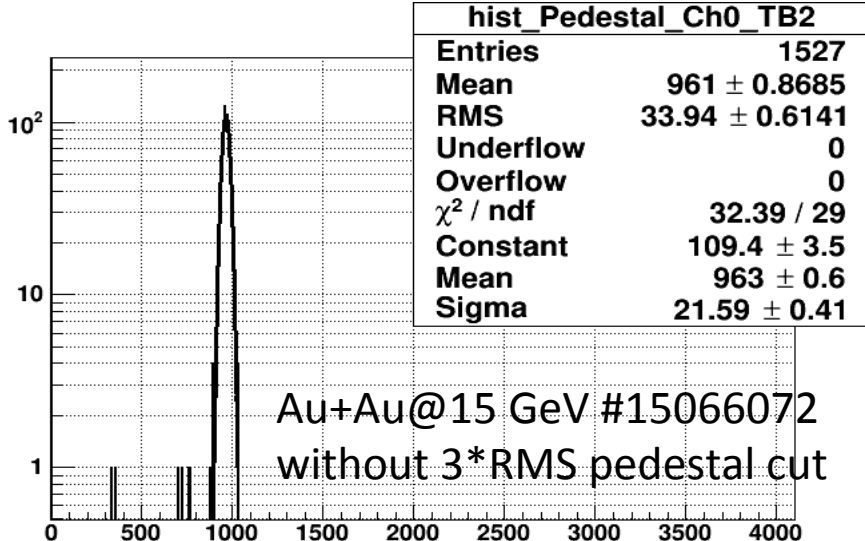
Fri Mar 14 12:00:40 2014

Fri Mar 14 12:02:46 2014

Fri Mar 14 12:05:10 2014

Fri Mar 14 12:06:59 2014

Pedestal/RMS stabilities – pedestal shape



Fri Mar 14 12:26:35 2014

Fri Mar 14 12:28:15 2014

Fri Mar 14 12:36:21 2014

Fri Mar 14 12:38:01 2014