

Cosmic studies

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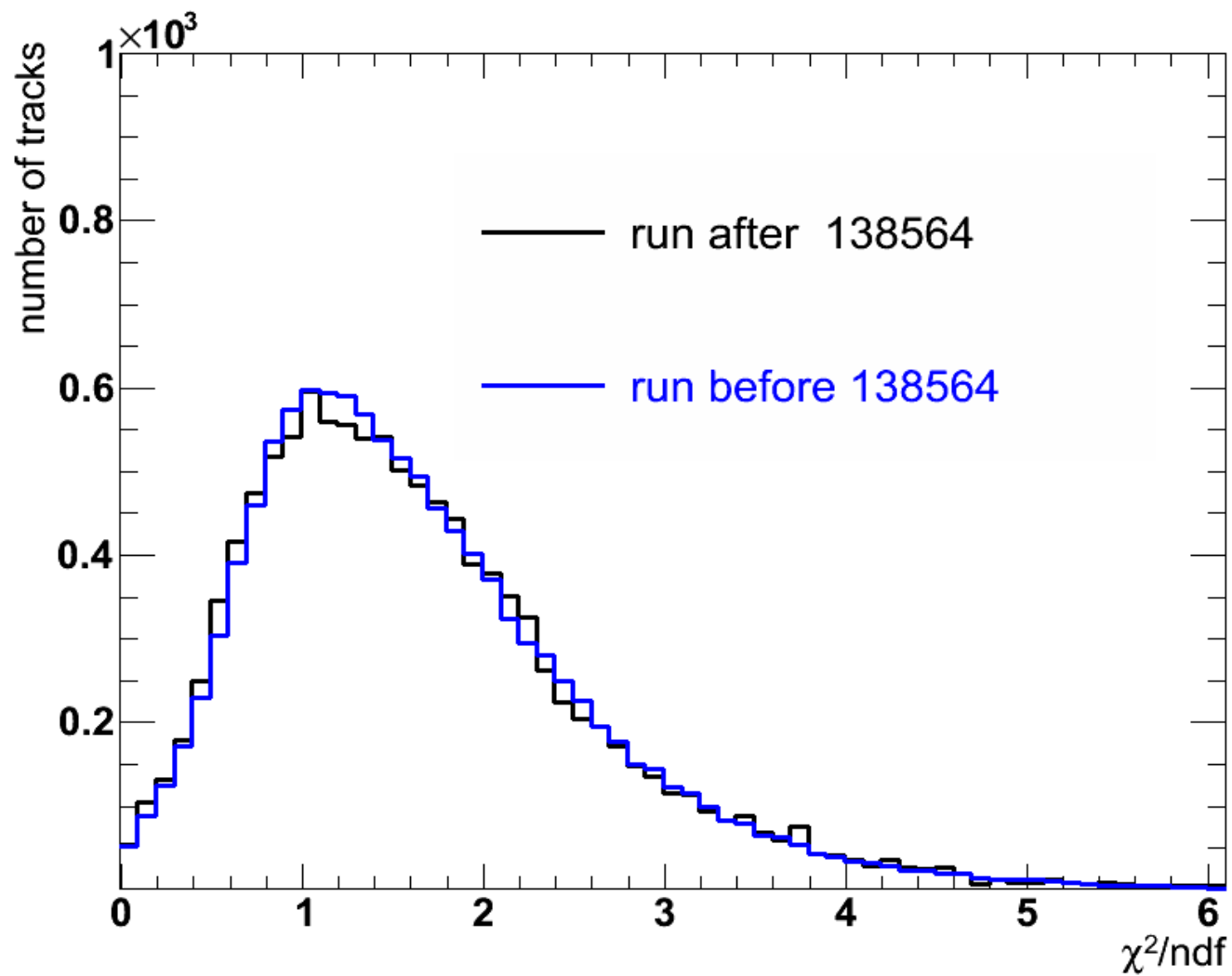
Samples

Runs before 138564 with trigger bit 25

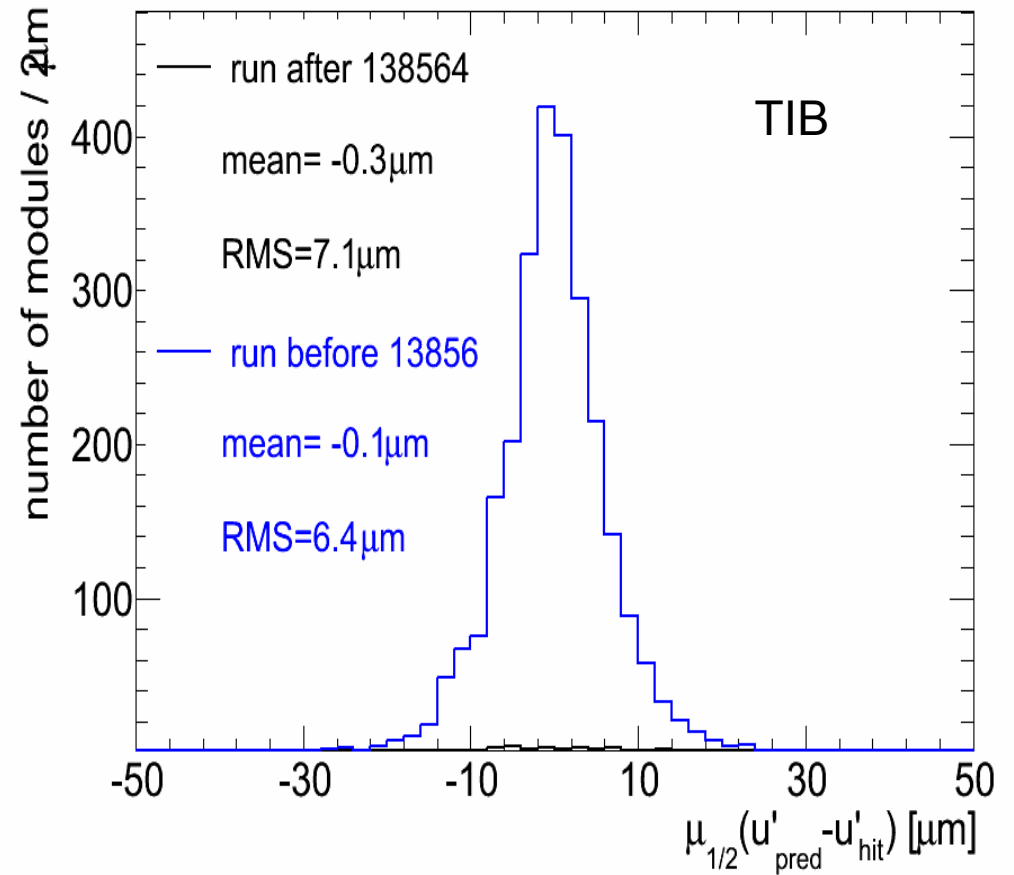
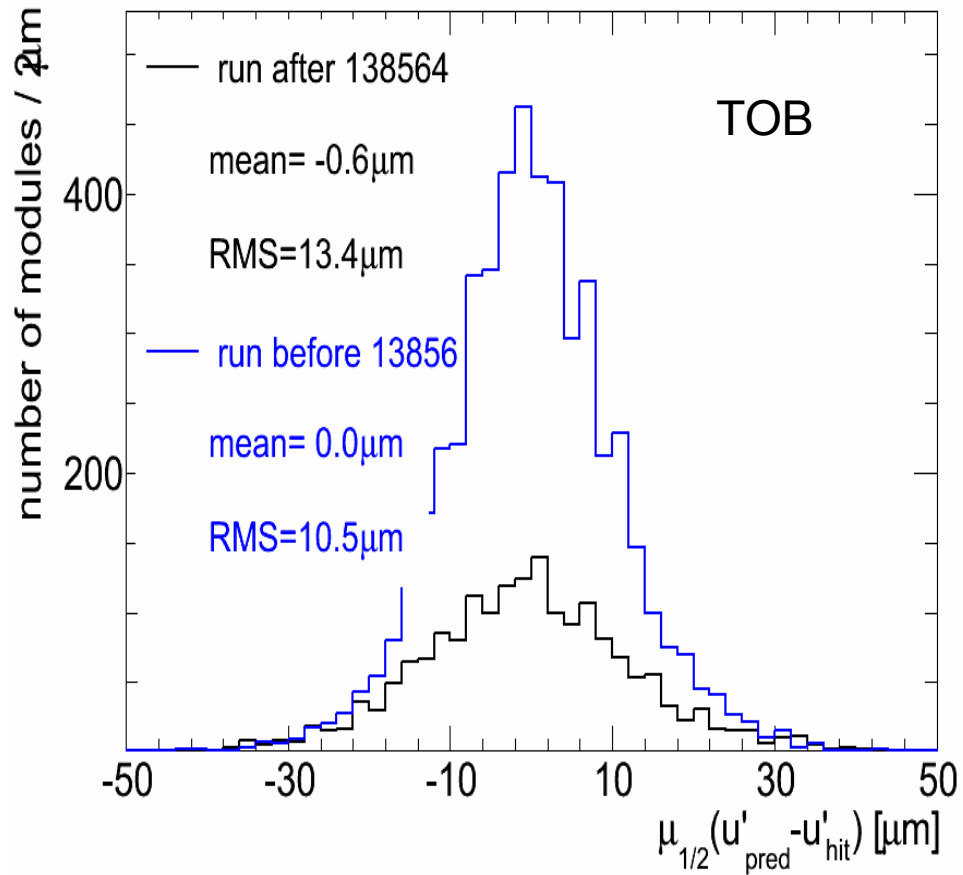
Runs after 138564 with trigger bit 25

Realize CMSSW_3_5_4_patch1

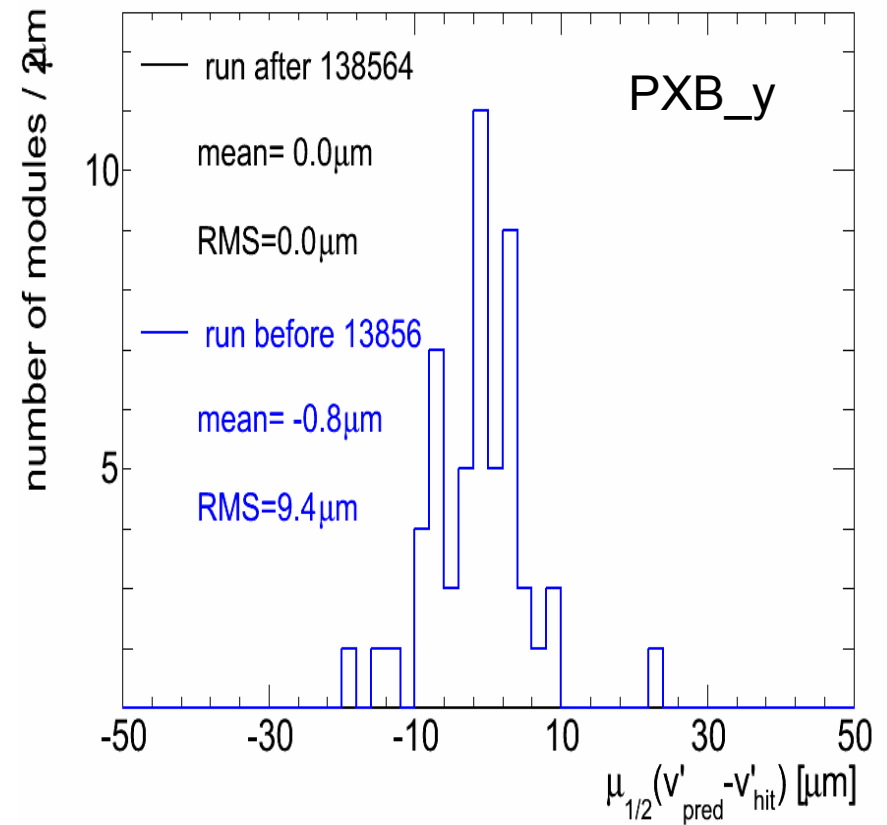
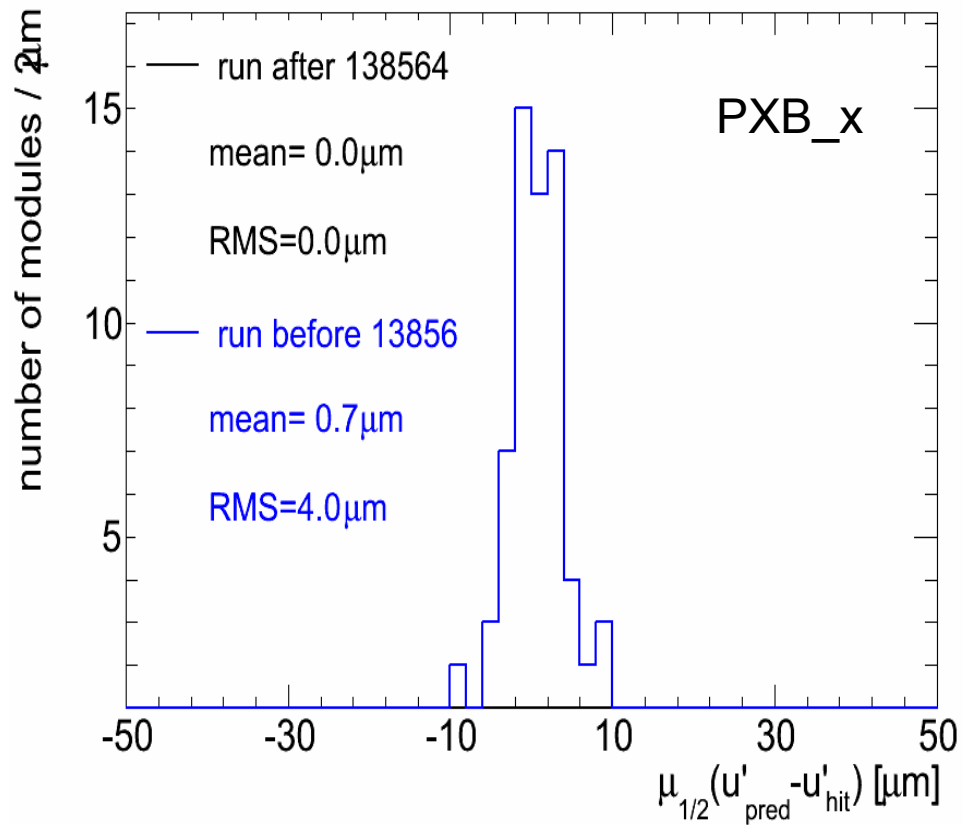
$$\chi^2$$



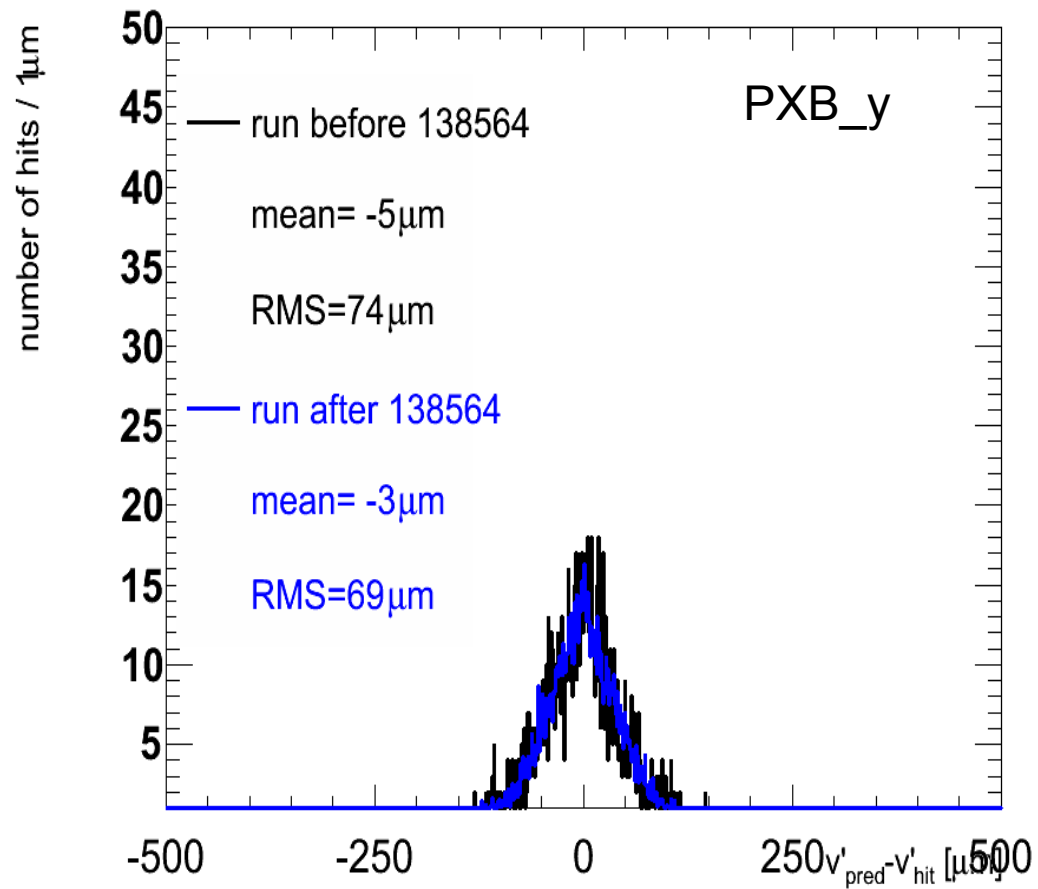
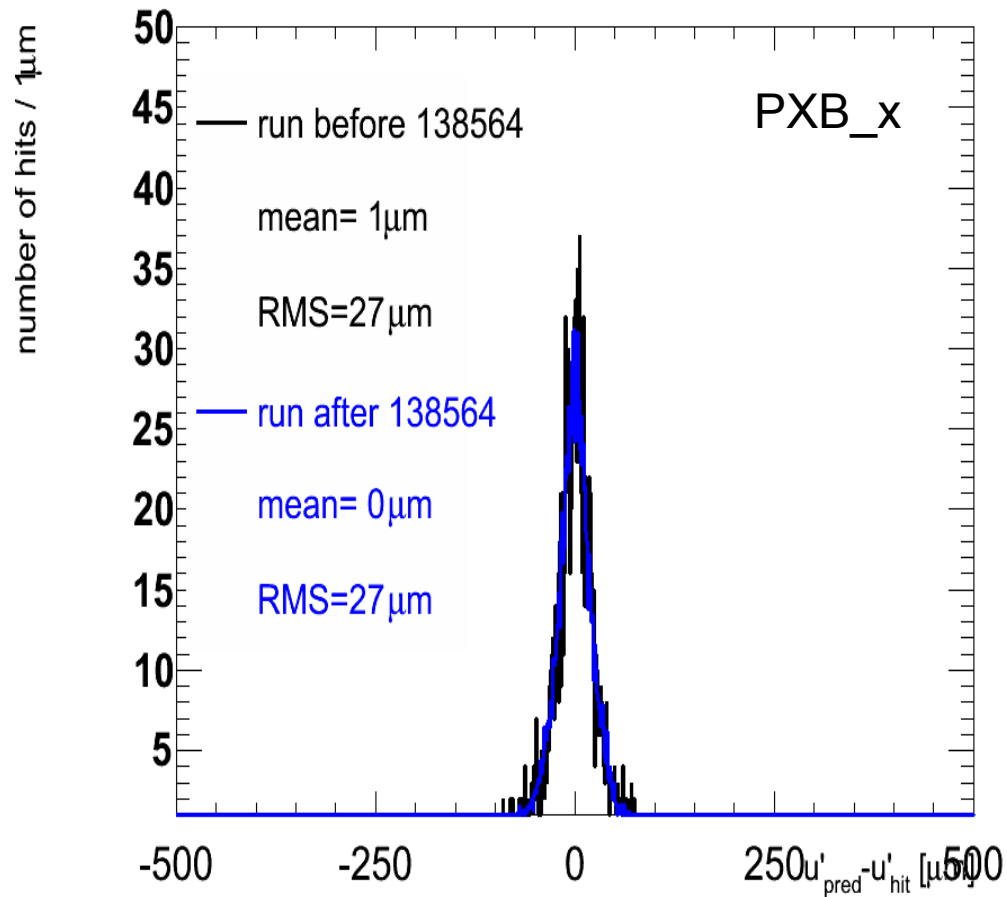
DMR plots



DMR plots - BPIX



Residuals - BPIX



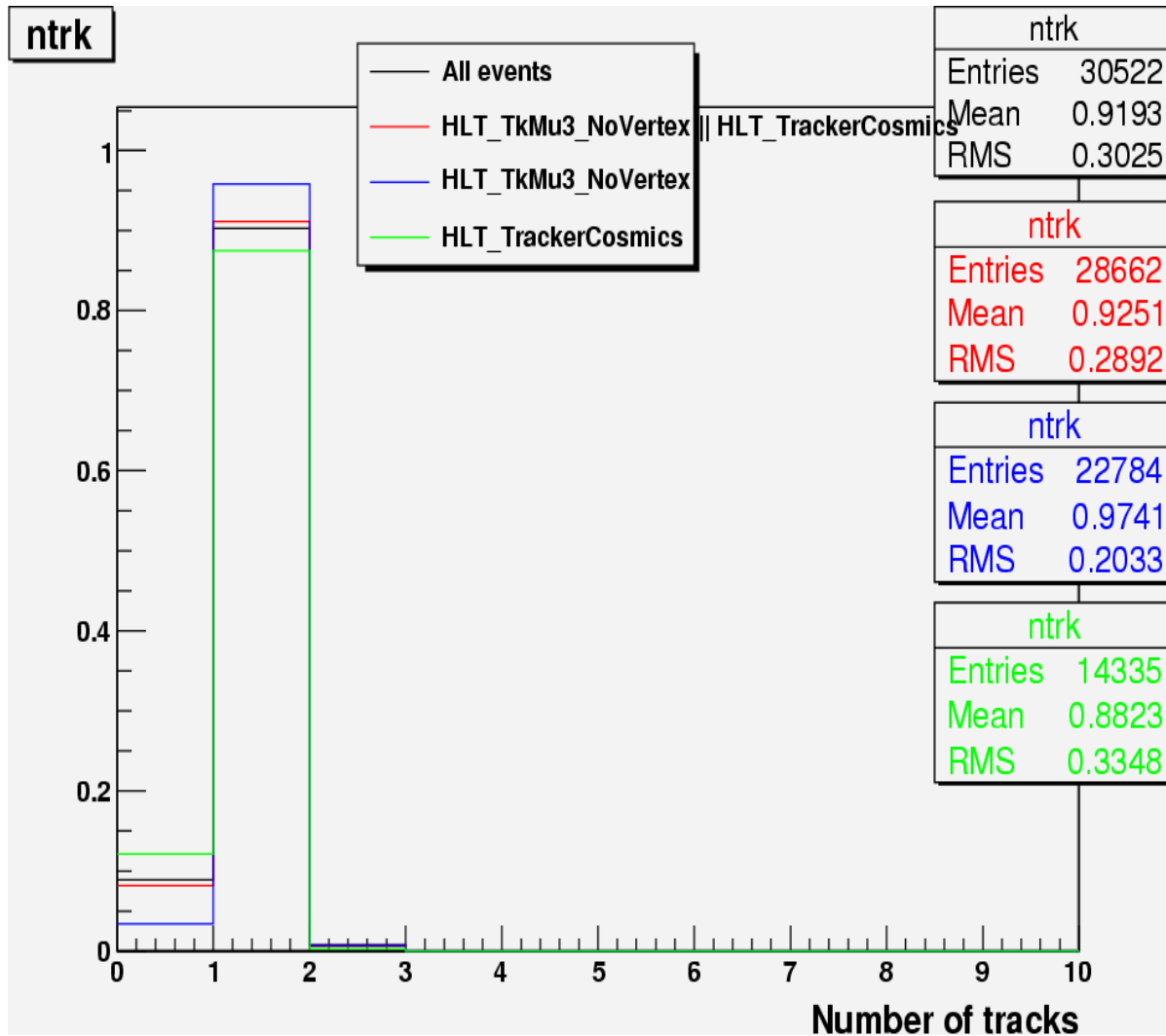
Trigger studies

Run 136100 ALCARECO:
30522 events / 28059 tracks

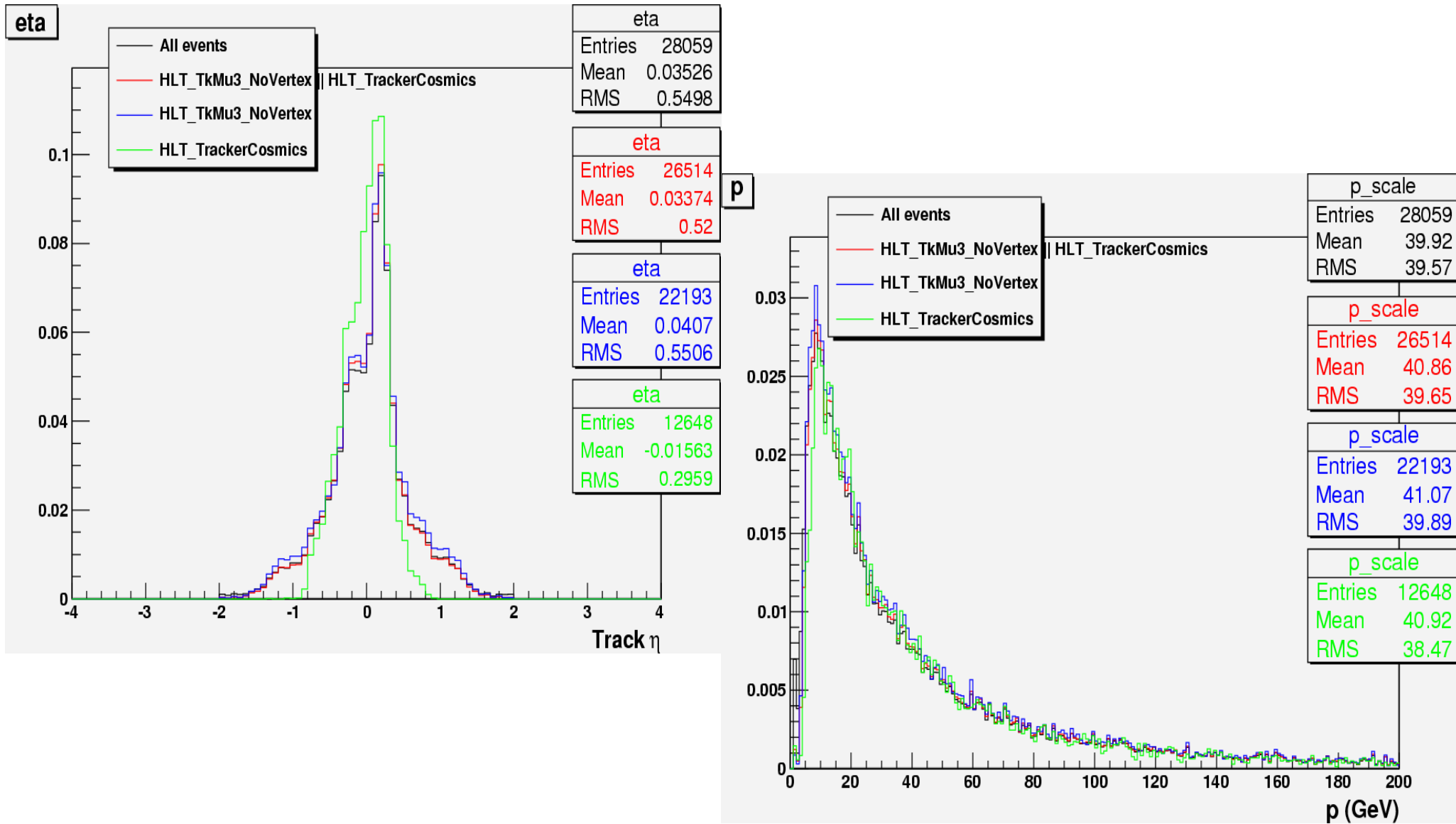
HLT_Tracker Cosmics
14335 events / 12648 tracks

HLT_TkMu3_NoVertex
28662 events / 26514 tracks

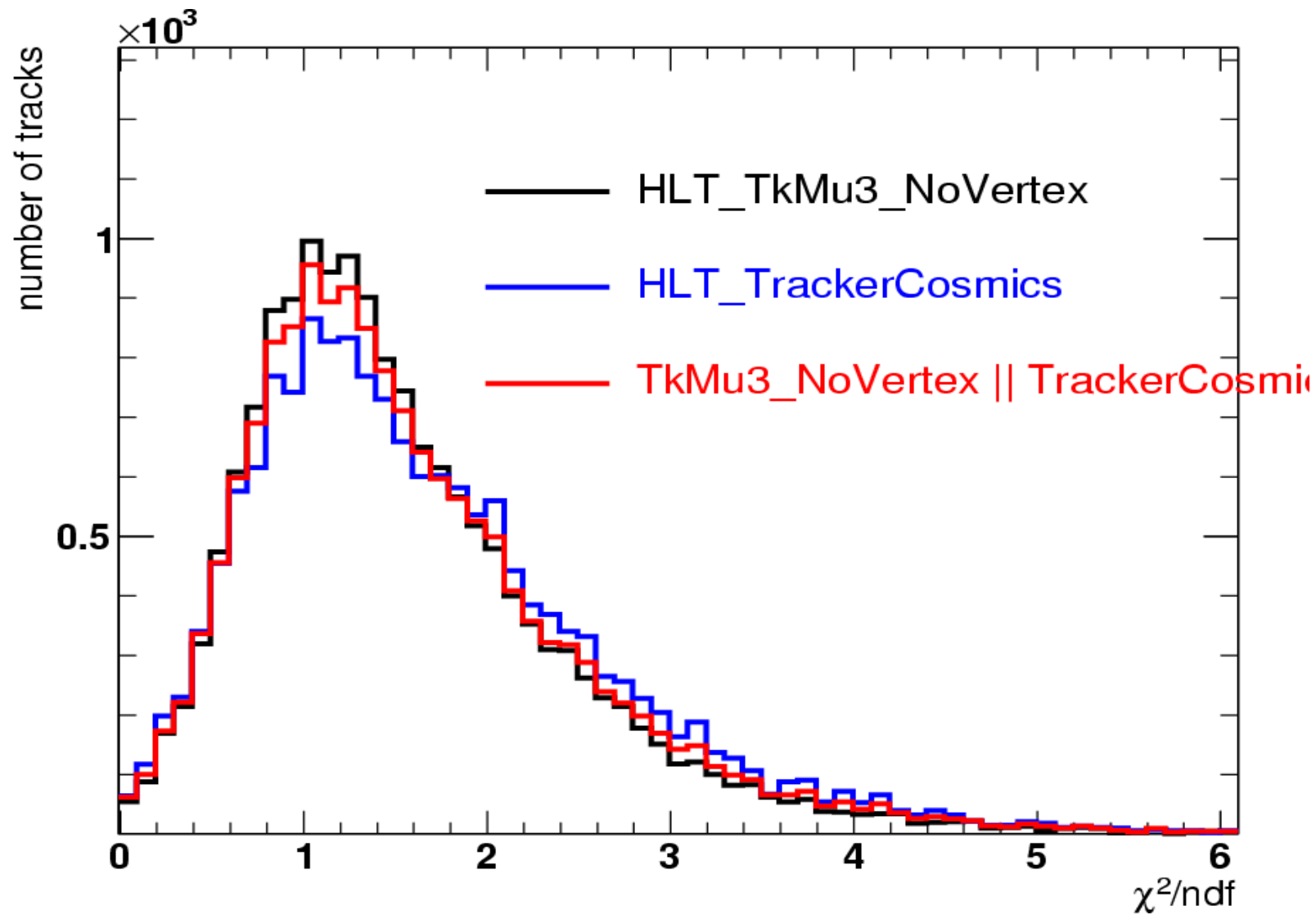
Distributions



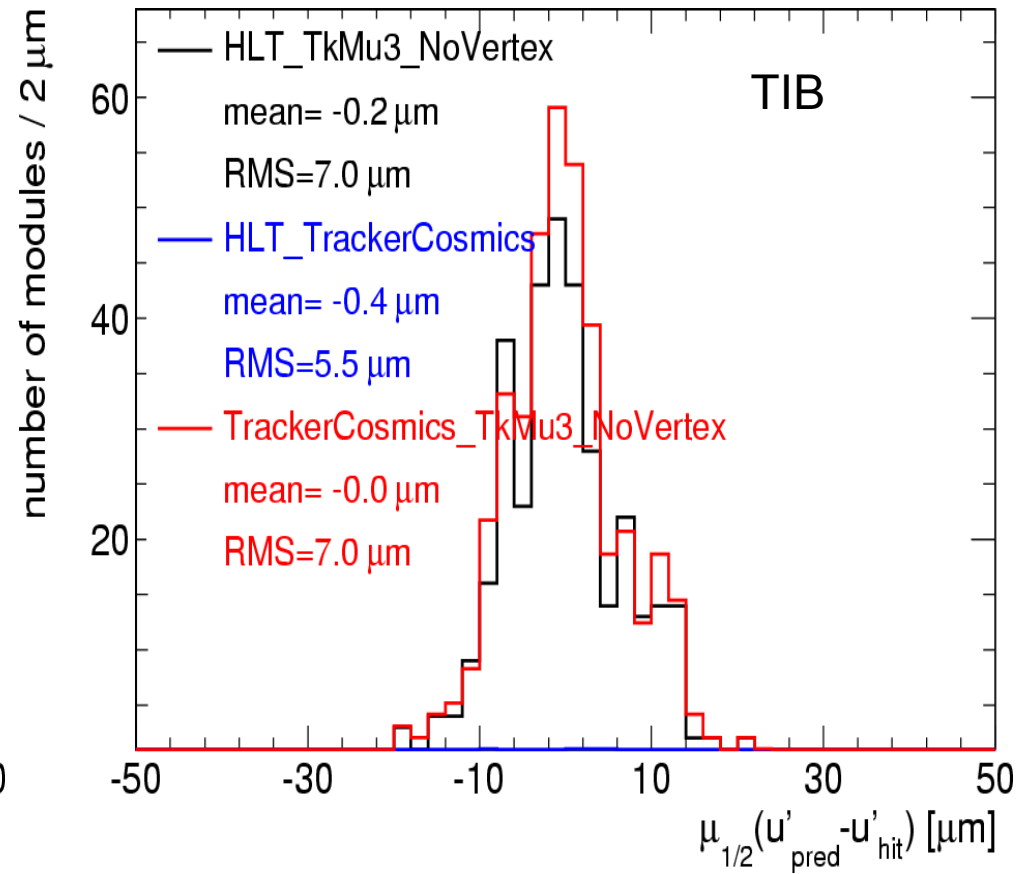
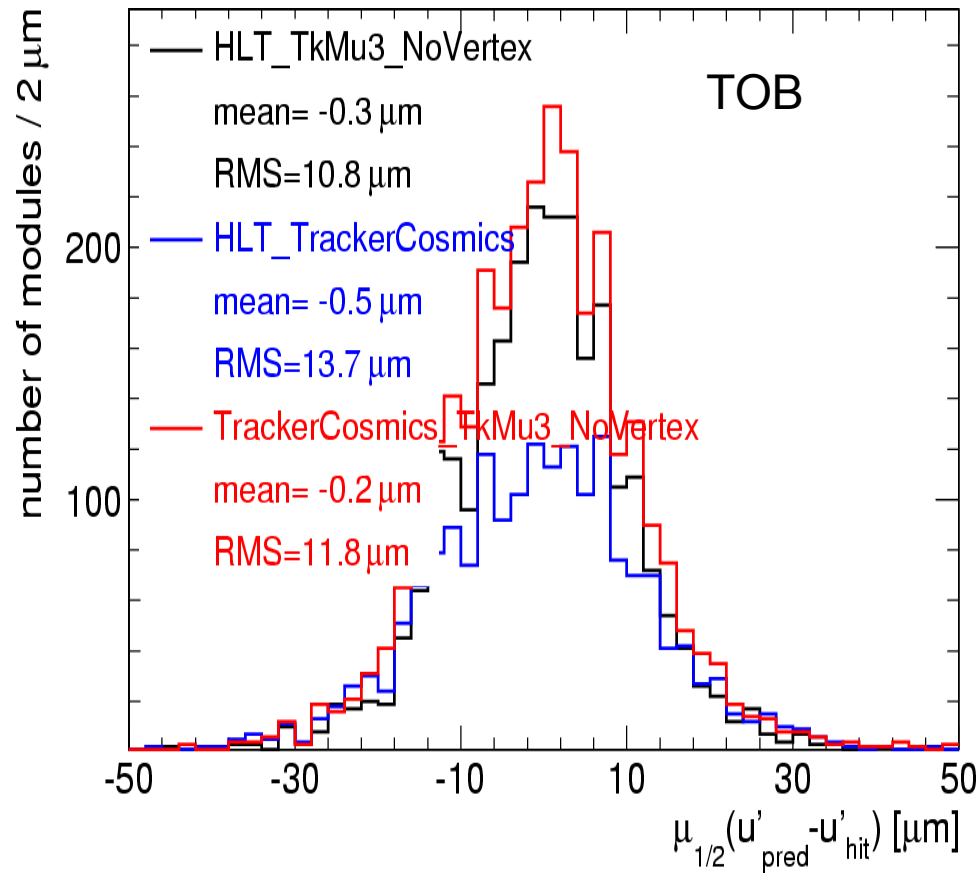
Distributions



Run 136100 - χ^2

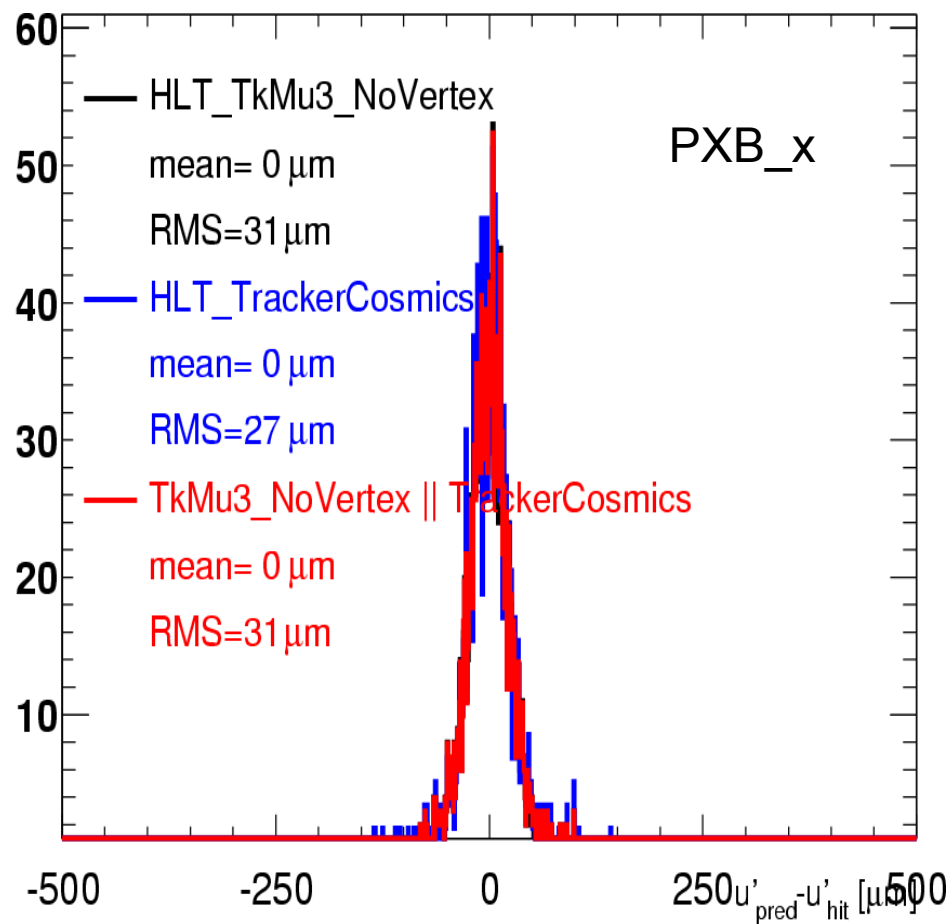


Run 136100 - DMS plots

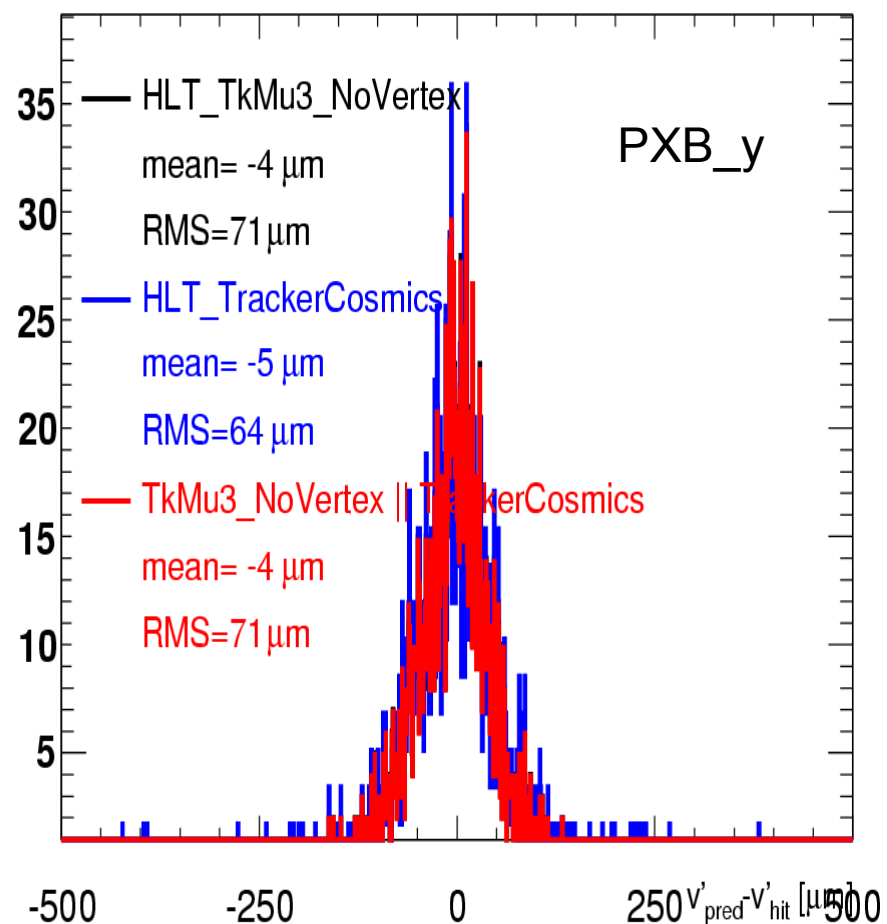


Run 136100 - residuals

number of hits / 1 μm

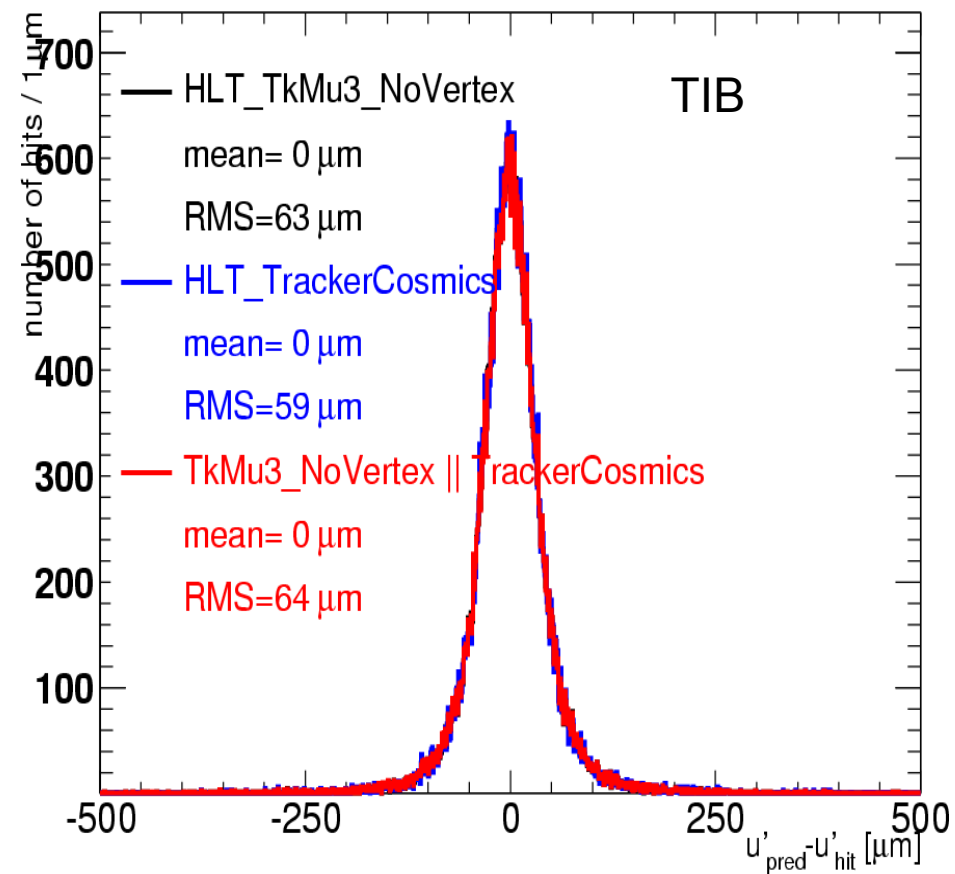
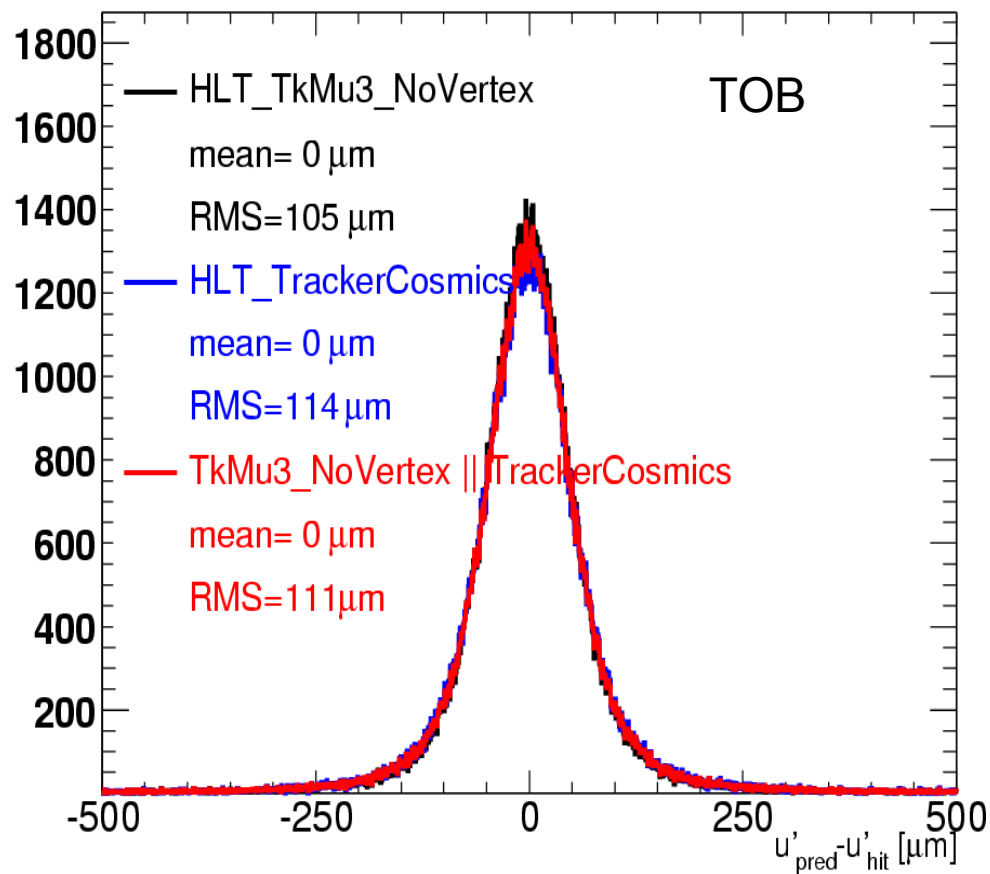


number of hits / 1 μm



Run 136100 - residuals

number of hits / 1 μm



Summary

DMR, residuals plots are similar for trigger HLT_TrackerCosmics and HLT_TkMu3_NoVertex