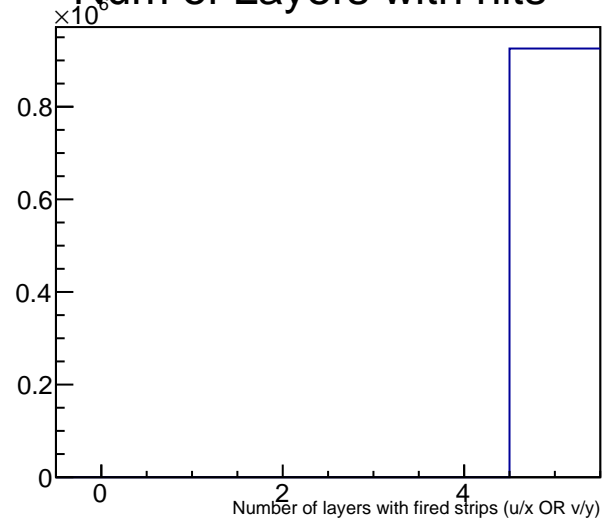
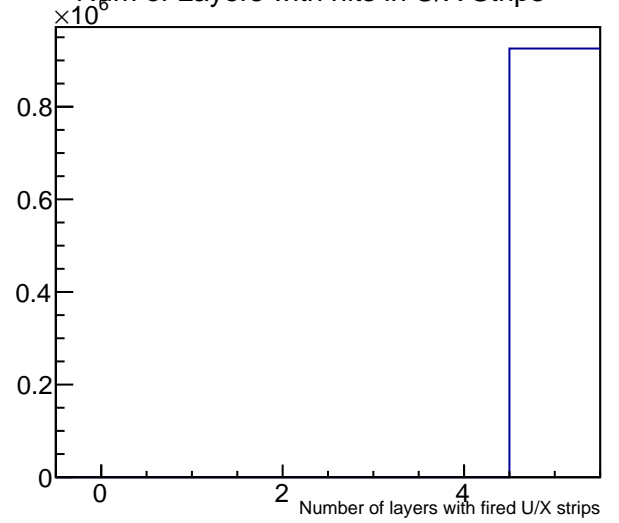


Summary Plots(Run #13450) 0: Layers with hits

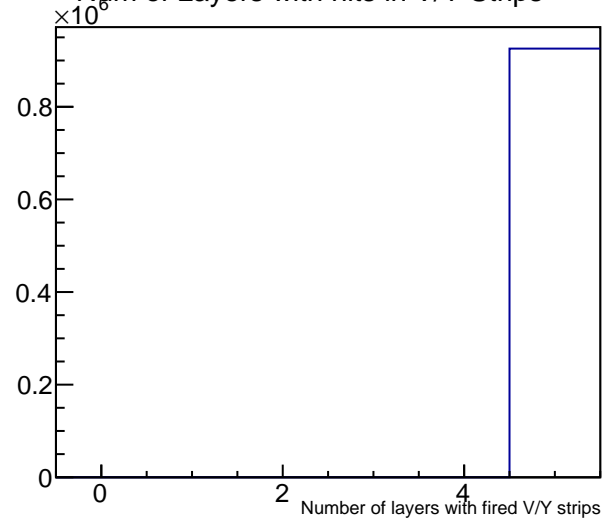
Num of Layers with hits



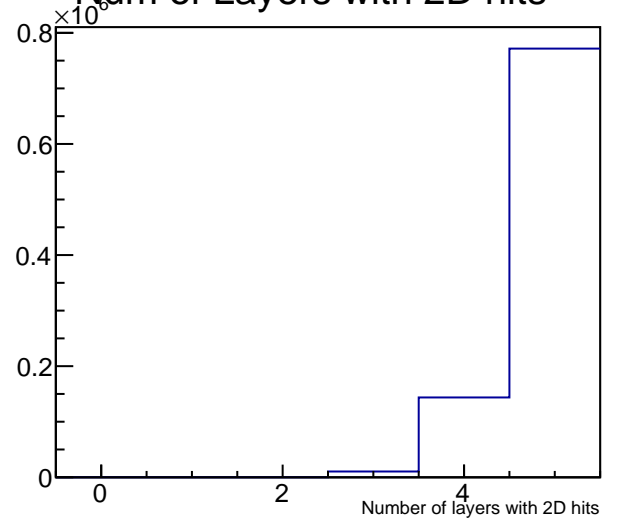
Num of Layers with hits in U/X Strips



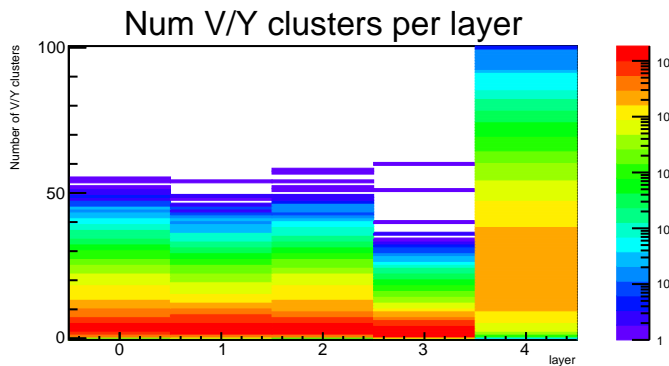
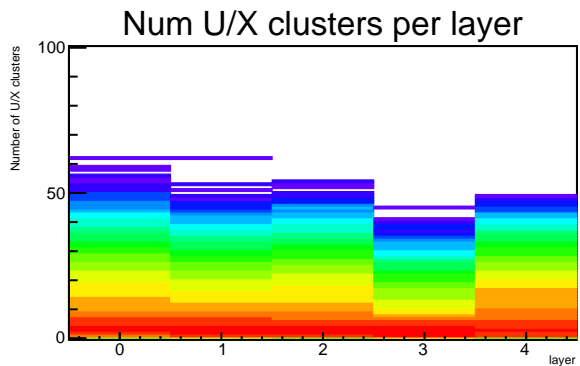
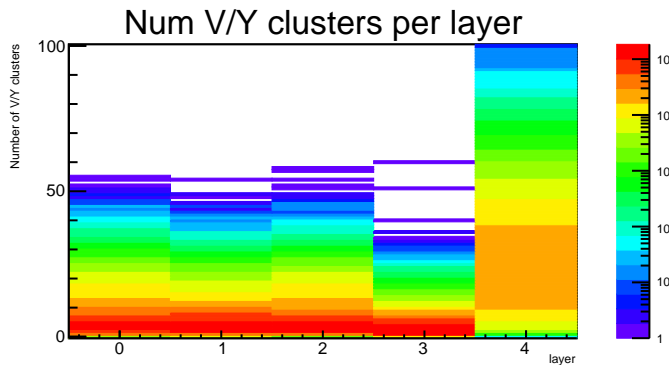
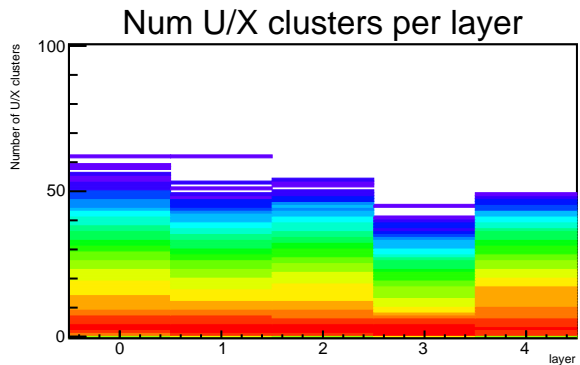
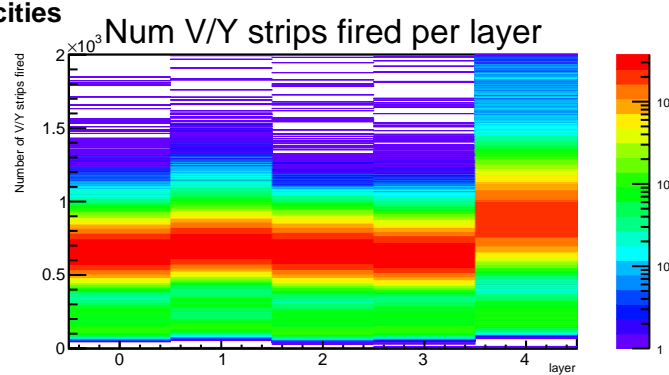
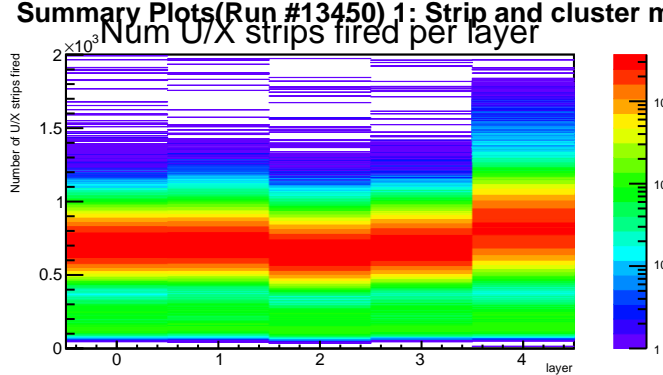
Num of Layers with hits in V/Y Strips



Num of Layers with 2D hits



Summary Plots(Run #13450) 1: Strip and cluster multiplicities

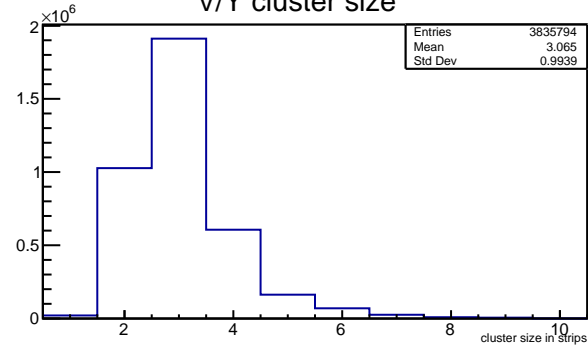


Summary Plots(Run #13450) 2: Cluster size, timing, ADC correlations

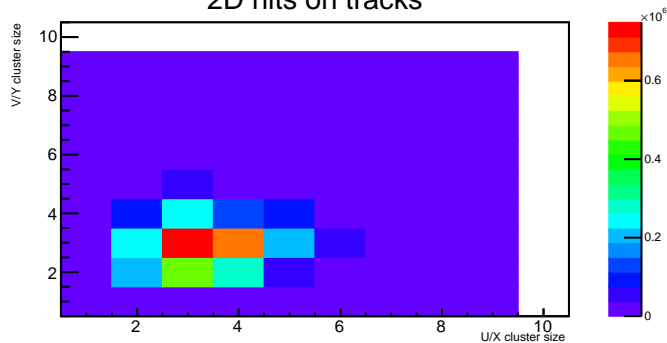
U/X cluster size



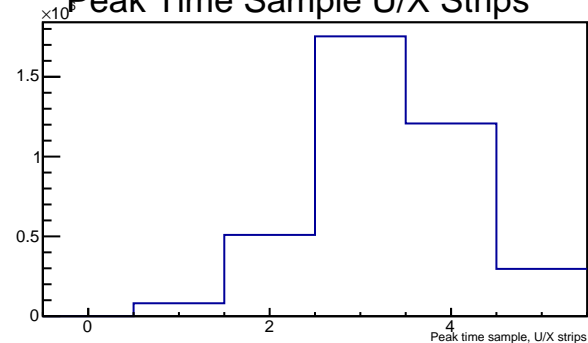
V/Y cluster size



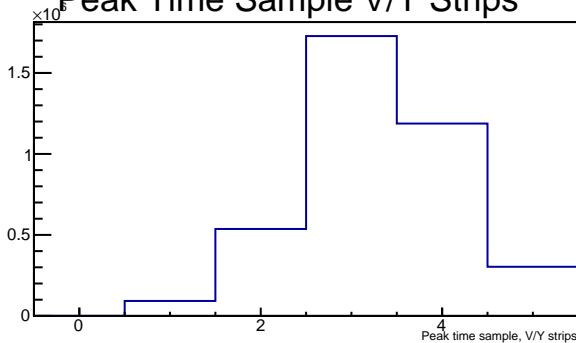
2D hits on tracks



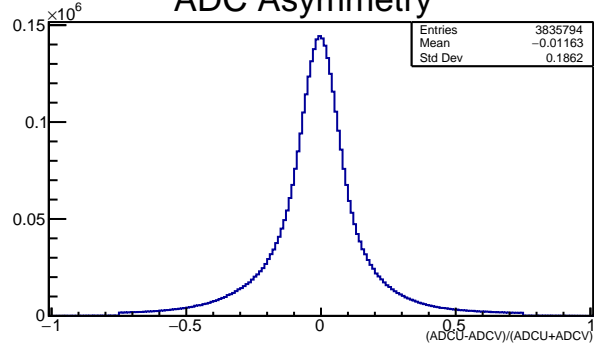
Peak Time Sample U/X Strips



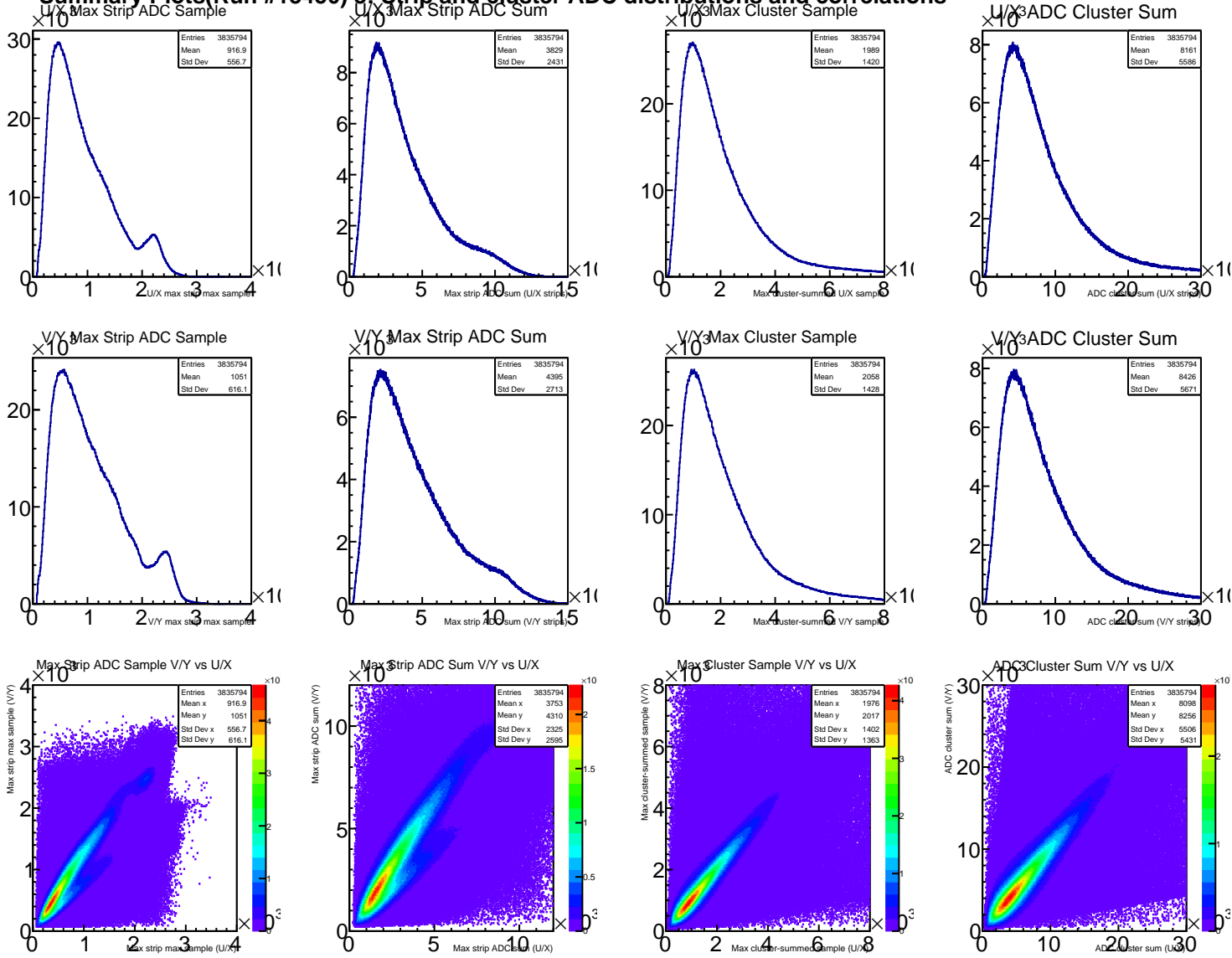
Peak Time Sample V/Y Strips



ADC Asymmetry

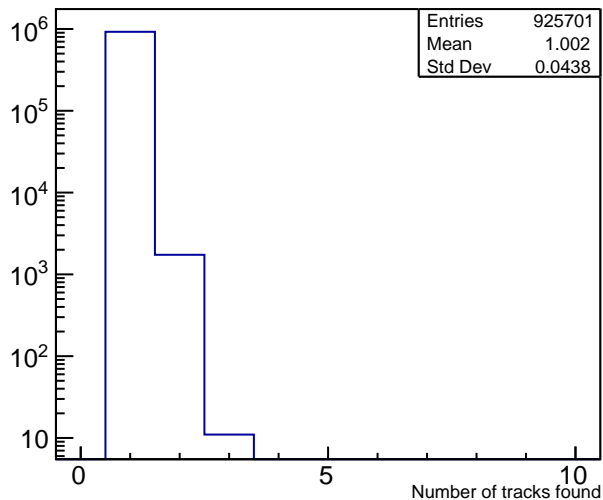


Summary Plots(Run #13450) 3: Strip and cluster ADC distributions and correlations

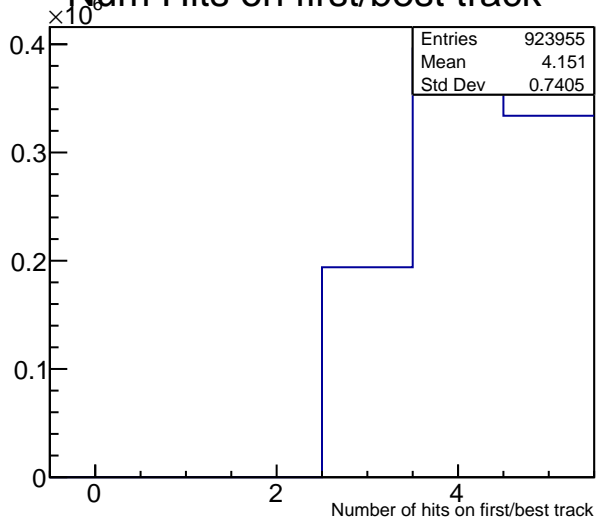


Summary Plots(Run #13450) 4: Tracking statistics

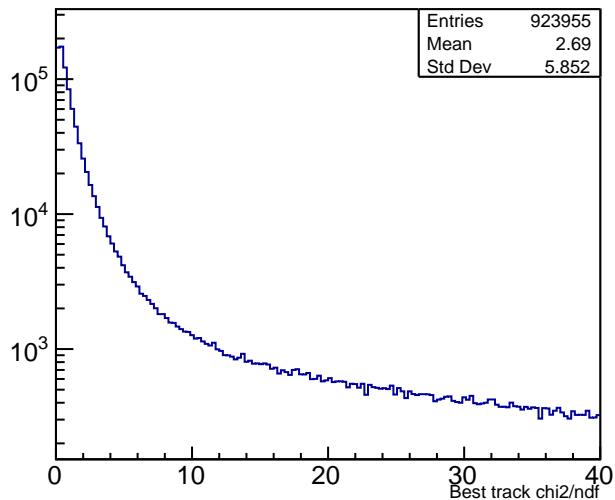
Num Tracks found



Num Hits on first/best track

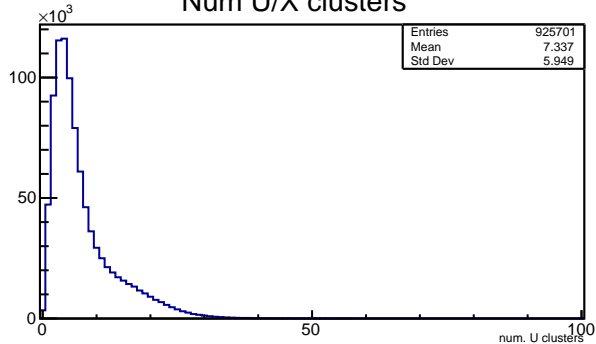


Best track chi2/ndf

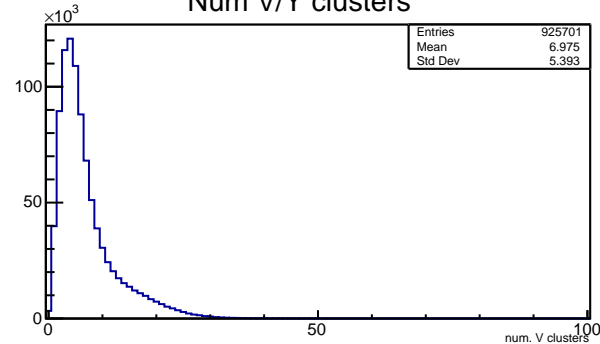


Summary Plots (Run #13450) 5: Module 0 Cluster and Strip Histograms (no tracking)

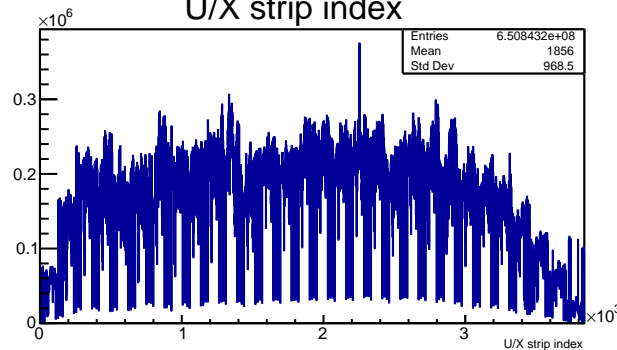
Num U/X clusters



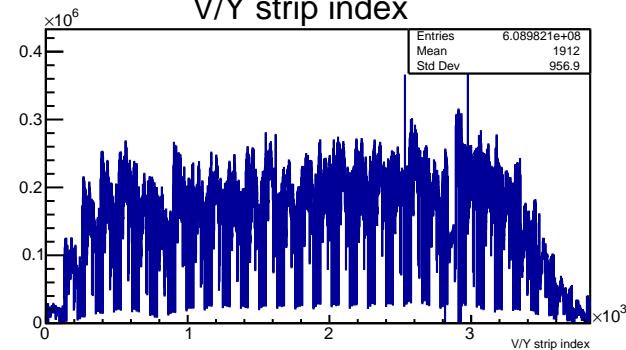
Num V/Y clusters



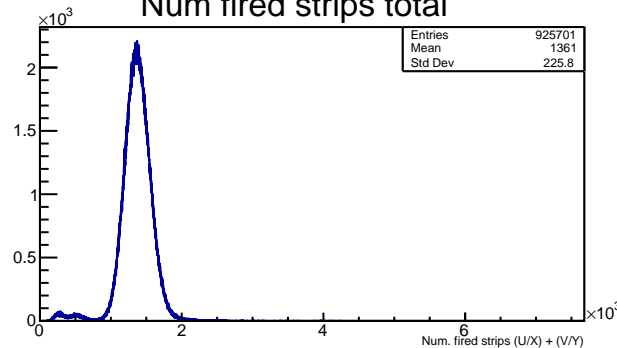
U/X strip index



V/Y strip index

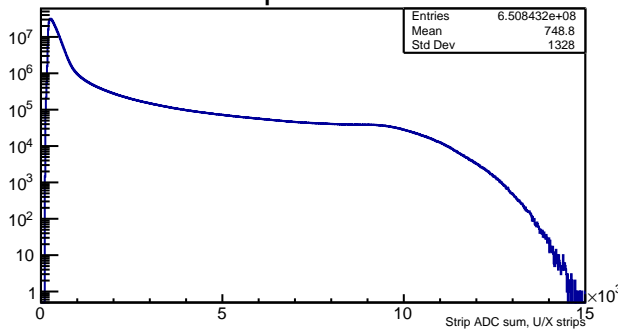


Num fired strips total

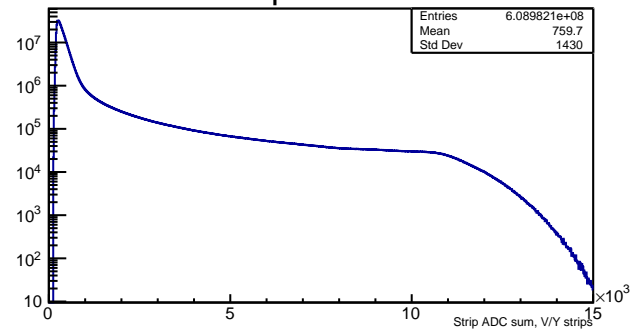


Summary Plots(Run #13450) 6: Module 0 Cluster and Strip Histograms (no tracking)

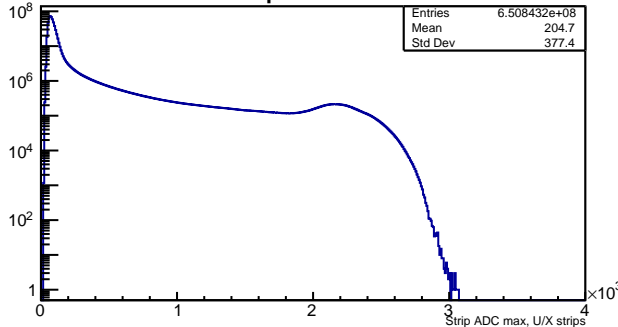
U/X Strip ADC Sum



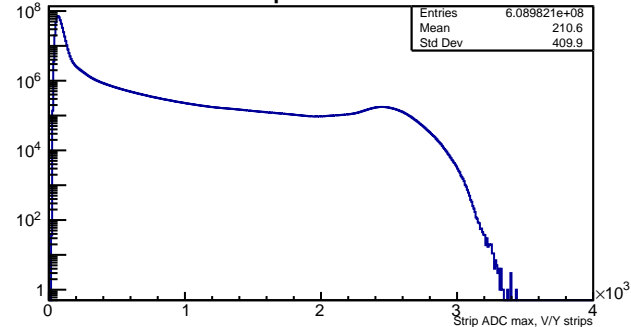
V/Y Strip ADC Sum



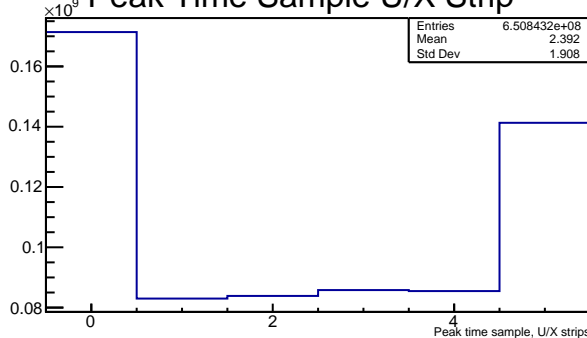
U/X Strip ADC Max



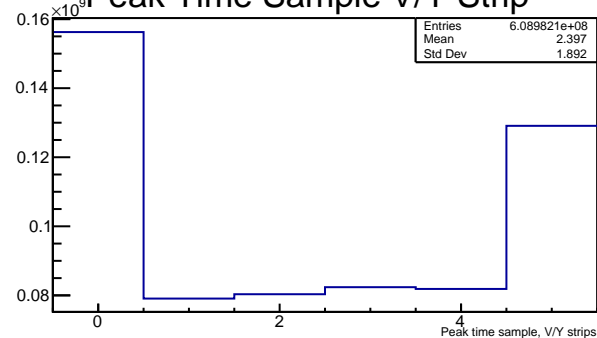
V/Y Strip ADC Max



Peak Time Sample U/X Strip

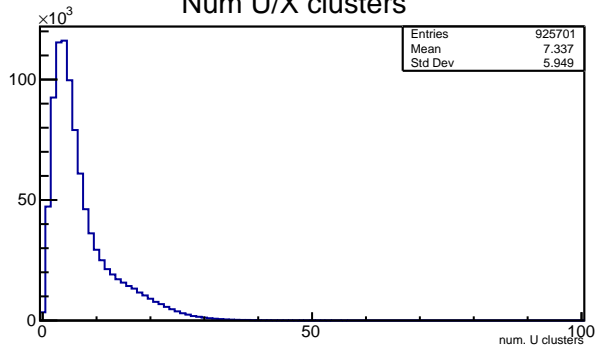


Peak Time Sample V/Y Strip

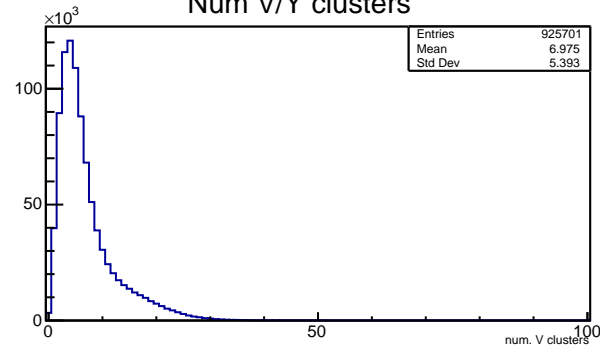


Summary Plots(Run #13450) 7: Module 0 Cluster and Strip Histograms (with tracking)

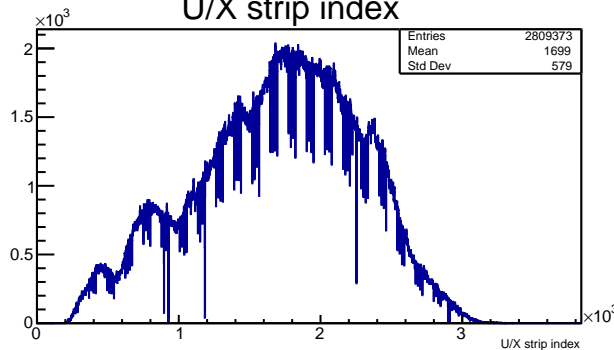
Num U/X clusters



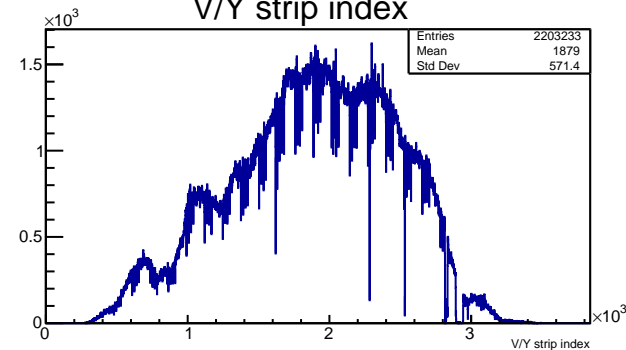
Num V/Y clusters



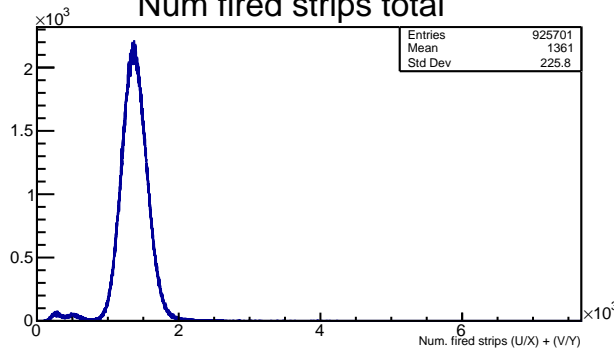
U/X strip index



V/Y strip index

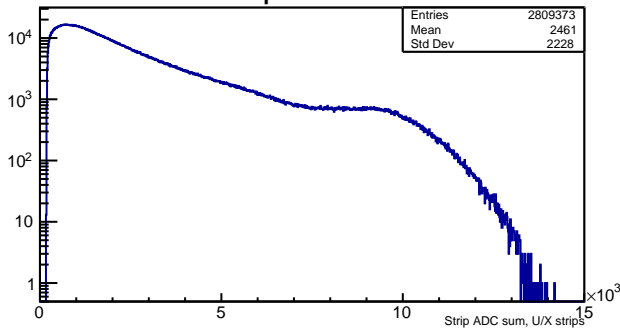


Num fired strips total

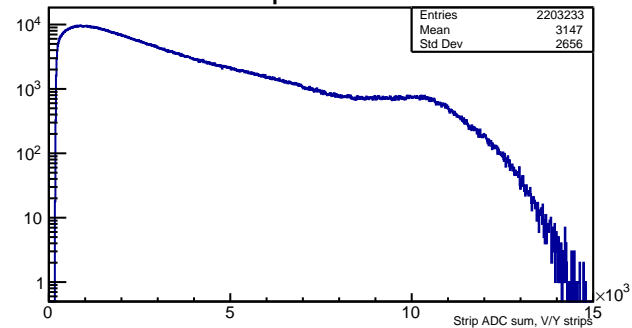


Summary Plots (Run #13450) 8: Module 0 Cluster and Strip Histograms (with tracking)

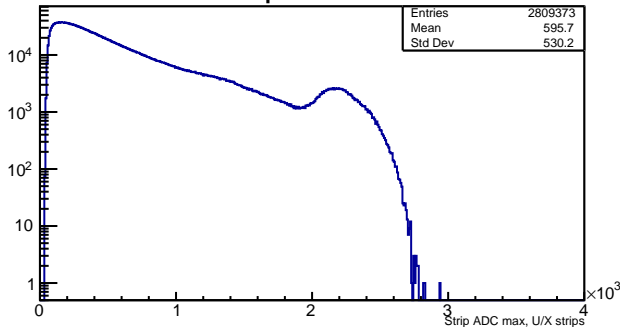
U/X Strip ADC Sum



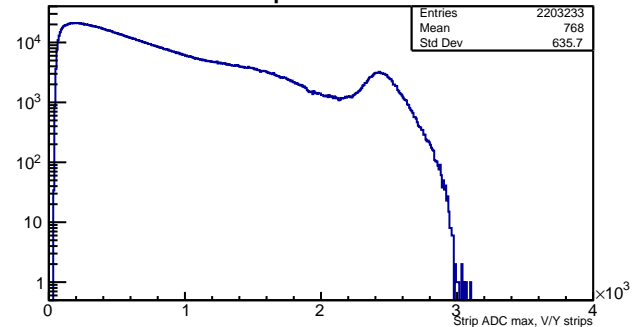
V/Y Strip ADC Sum



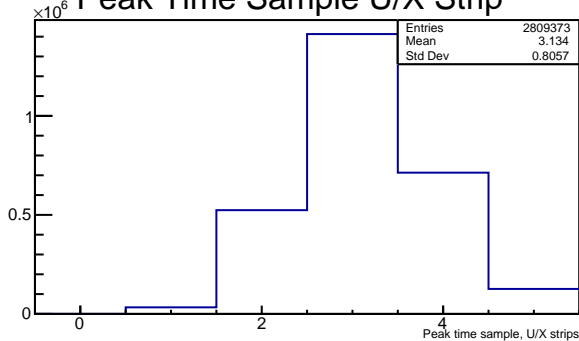
U/X Strip ADC Max



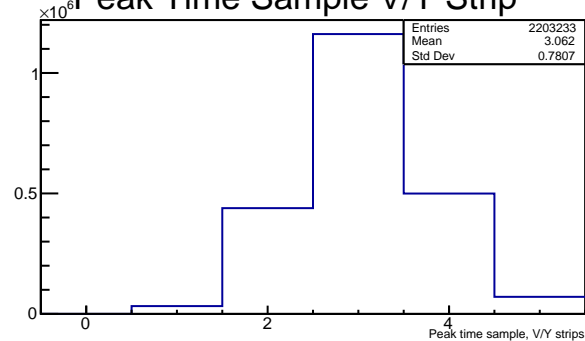
V/Y Strip ADC Max



Peak Time Sample U/X Strip

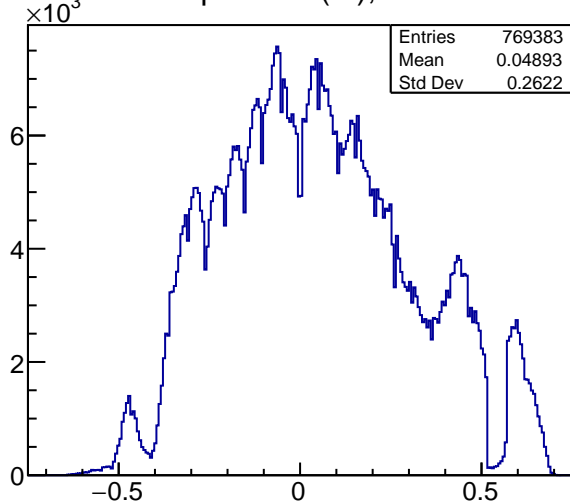


Peak Time Sample V/Y Strip

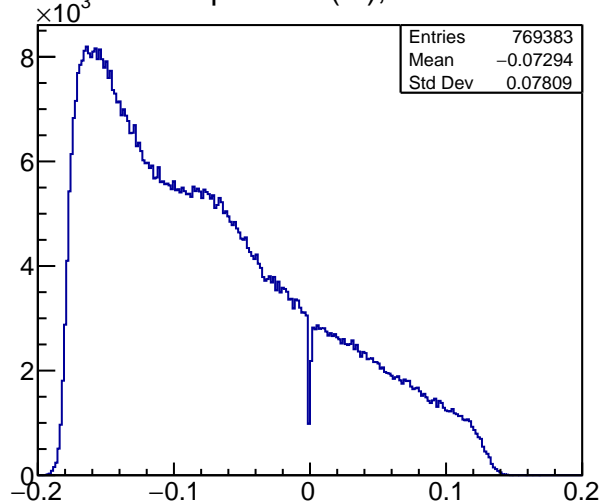


Summary Plots(Run #13450) 9: Module 0 Hit Maps (with tracking)

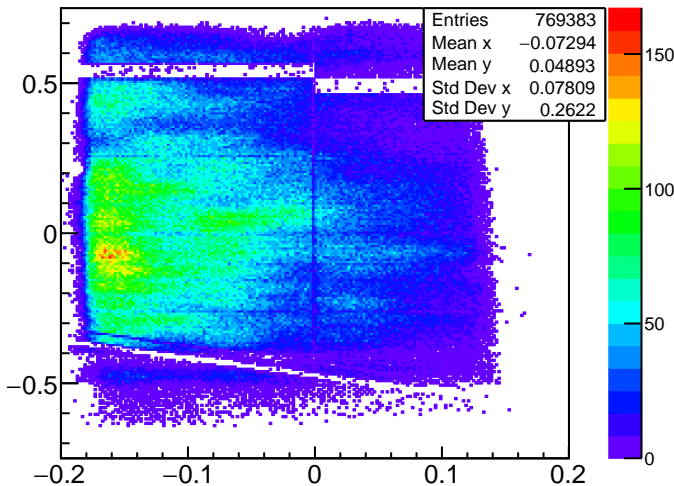
Hit local X position (m), Module 0



Hit local Y position (m), Module 0

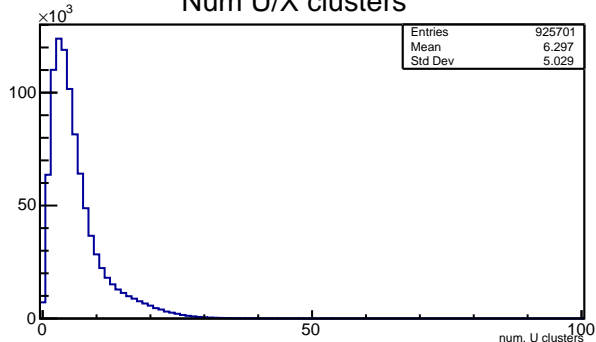


Hit local X vs Y (m), Module 0

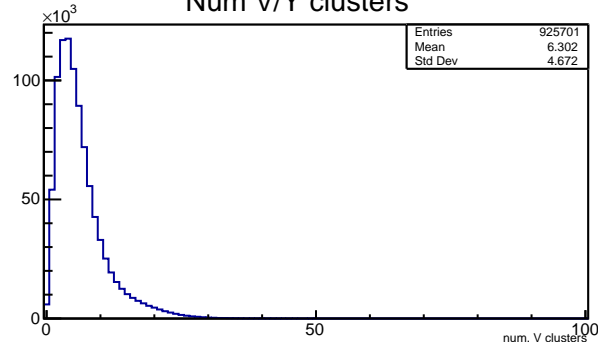


Summary Plots (Run #13450) 10: Module 1 Cluster and Strip Histograms (no tracking)

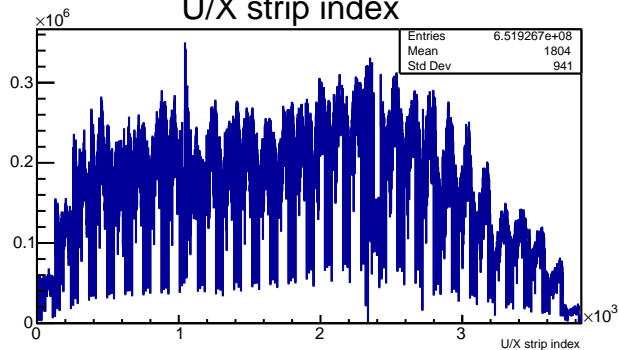
Num U/X clusters



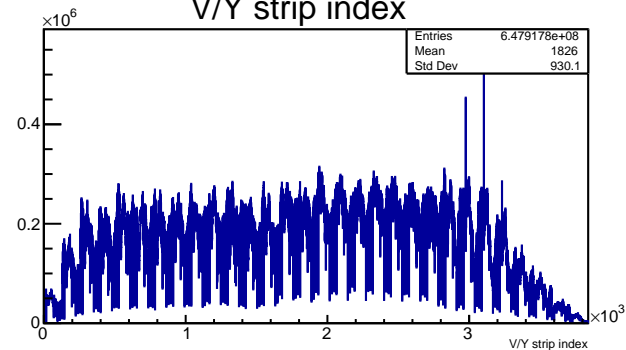
Num V/Y clusters



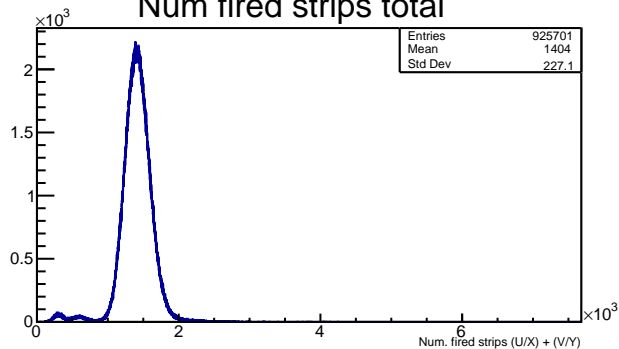
U/X strip index



V/Y strip index

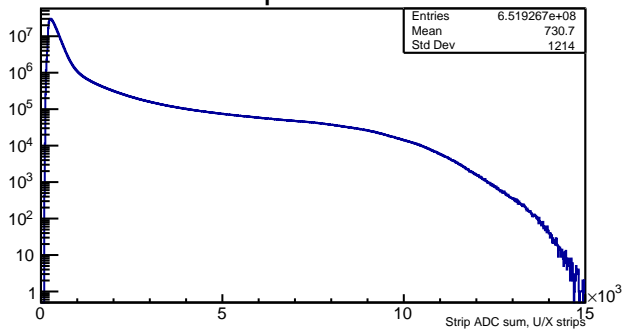


Num fired strips total

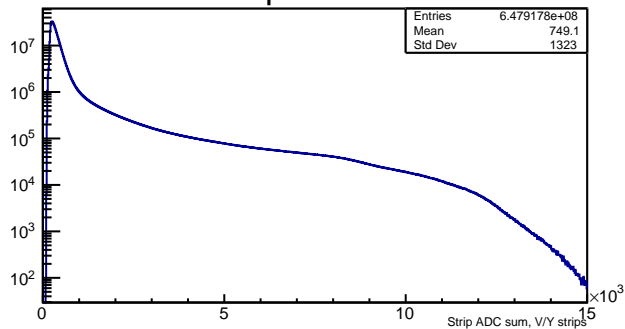


Summary Plots(Run #13450) 11: Module 1 Cluster and Strip Histograms (no tracking)

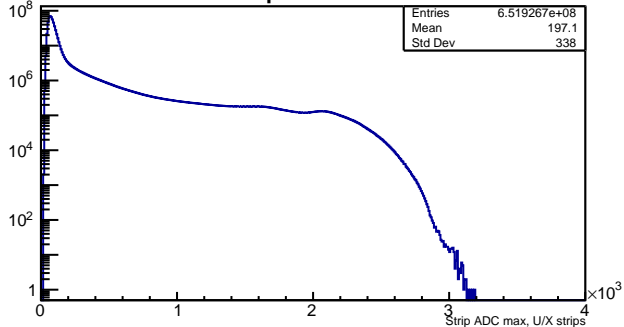
U/X Strip ADC Sum



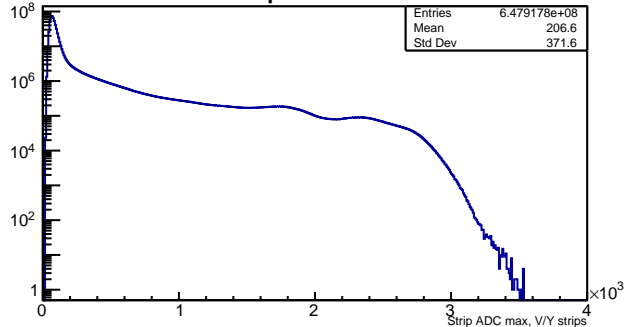
V/Y Strip ADC Sum



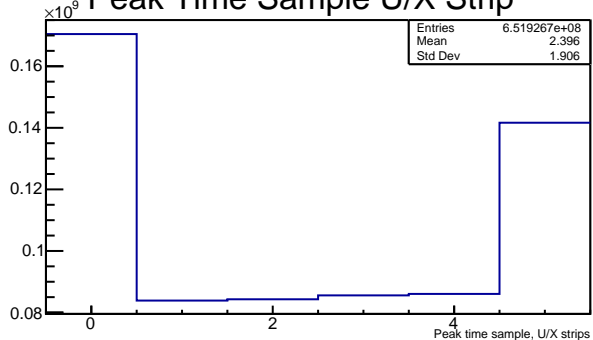
U/X Strip ADC Max



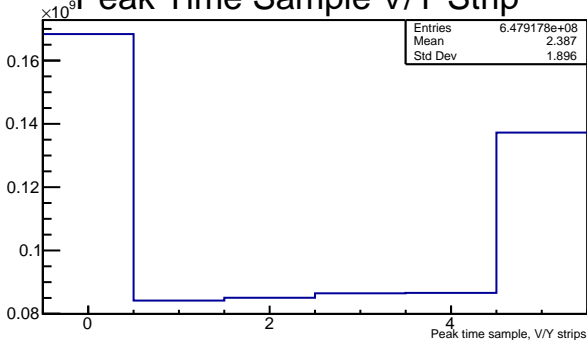
V/Y Strip ADC Max



Peak Time Sample U/X Strip

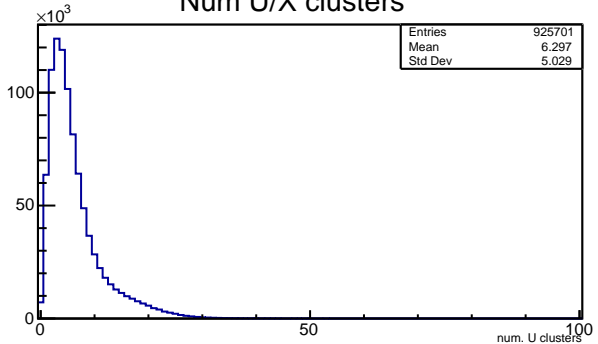


Peak Time Sample V/Y Strip

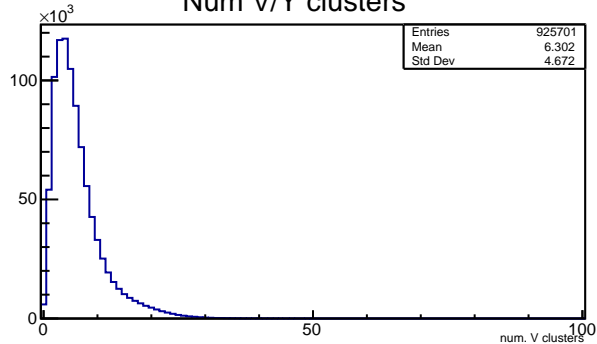


Summary Plots(Run #13450) 12: Module 1 Cluster and Strip Histograms (with tracking)

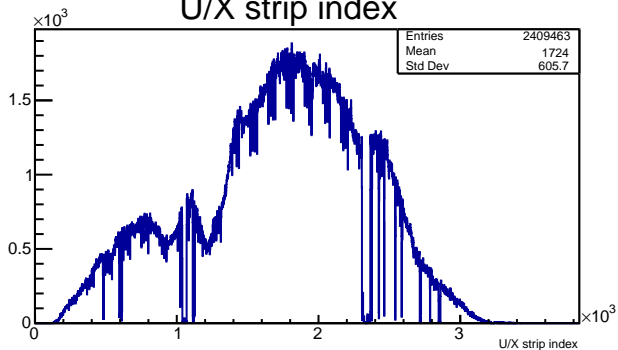
Num U/X clusters



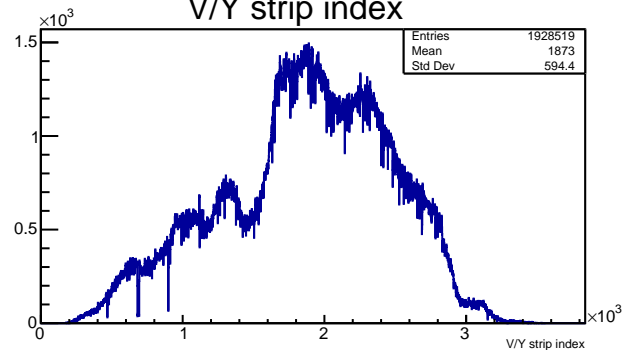
Num V/Y clusters



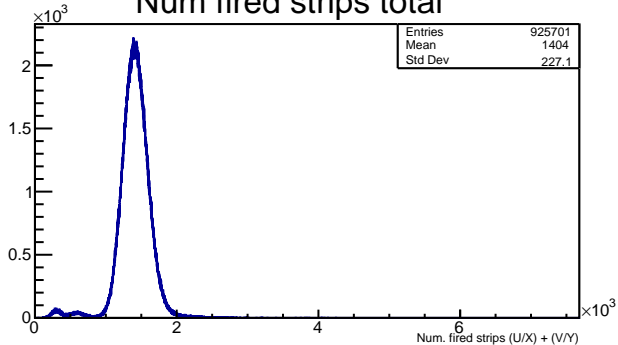
U/X strip index



V/Y strip index

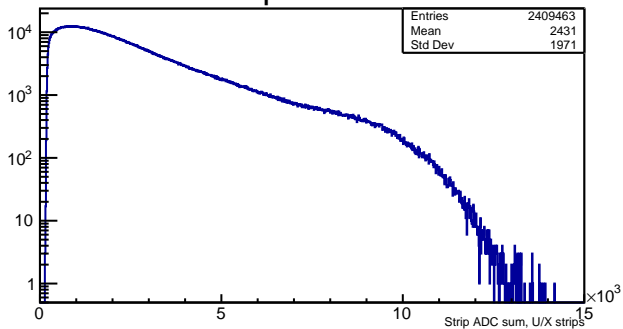


Num fired strips total

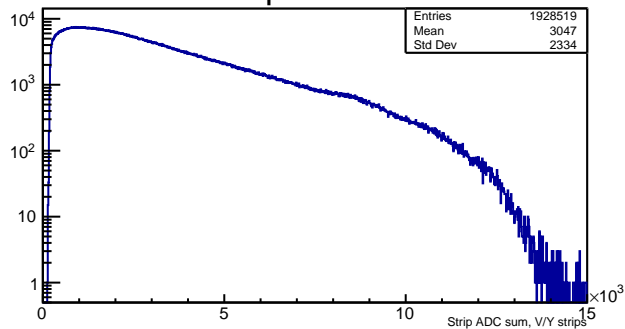


Summary Plots(Run #13450) 13: Module 1 Cluster and Strip Histograms (with tracking)

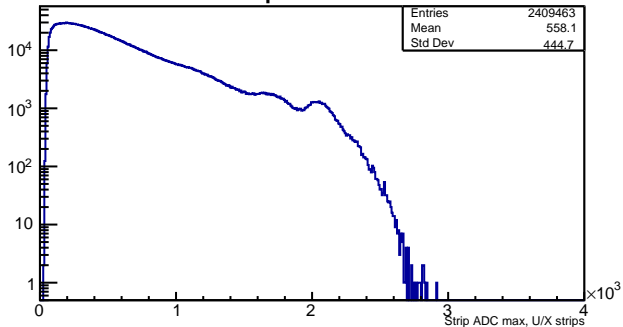
U/X Strip ADC Sum



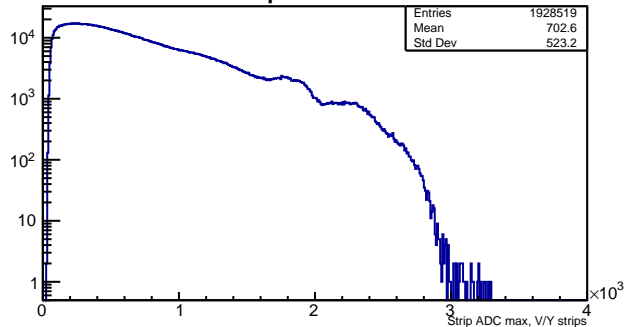
V/Y Strip ADC Sum



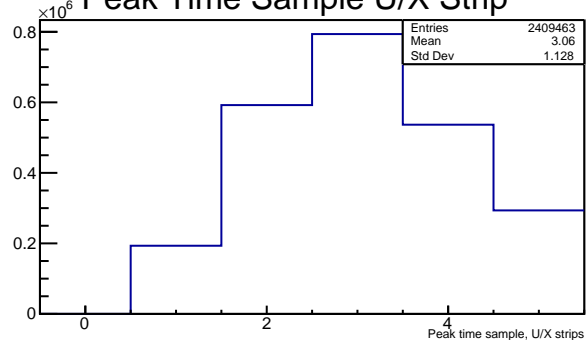
U/X Strip ADC Max



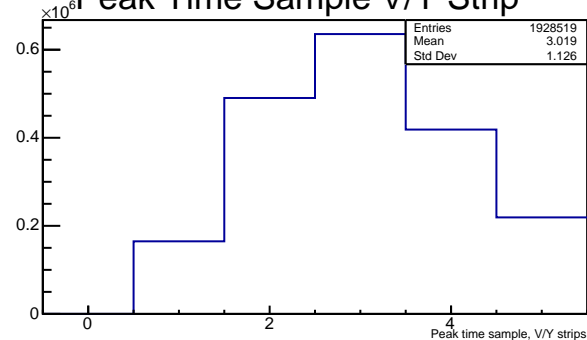
V/Y Strip ADC Max



Peak Time Sample U/X Strip

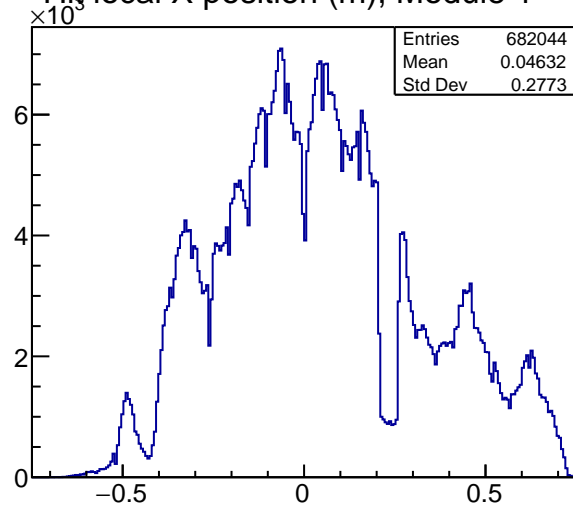


Peak Time Sample V/Y Strip

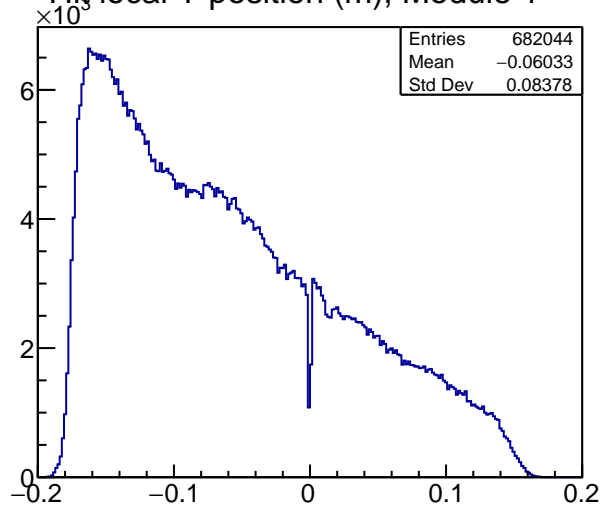


Summary Plots(Run #13450) 14: Module 1 Hit Maps (with tracking)

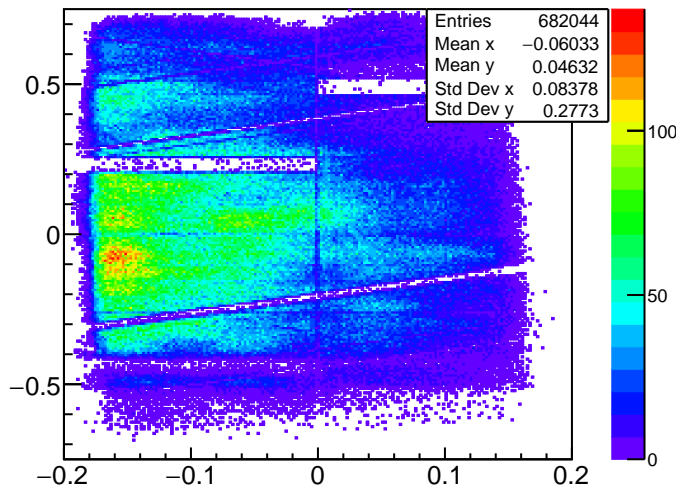
Hit local X position (m), Module 1



Hit local Y position (m), Module 1

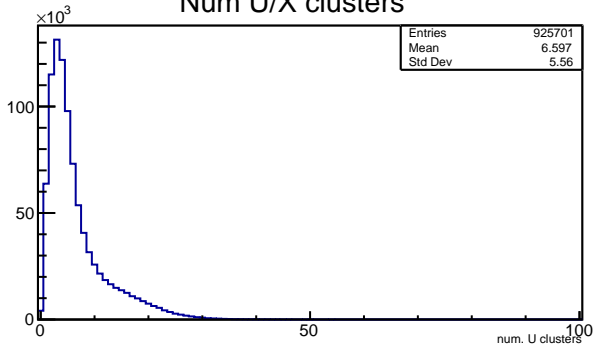


Hit local X vs Y (m), Module 1

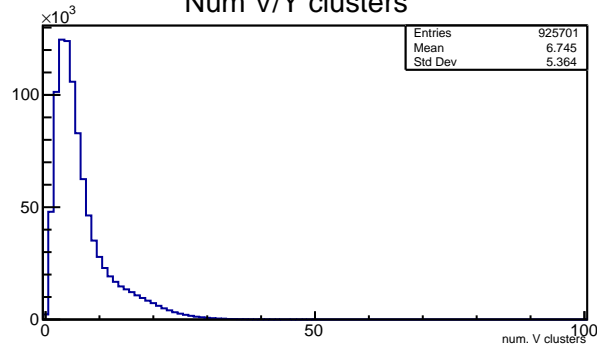


Summary Plots (Run #13450) 15: Module 2 Cluster and Strip Histograms (no tracking)

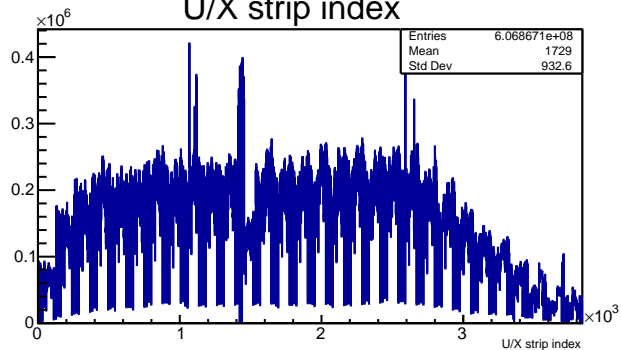
Num U/X clusters



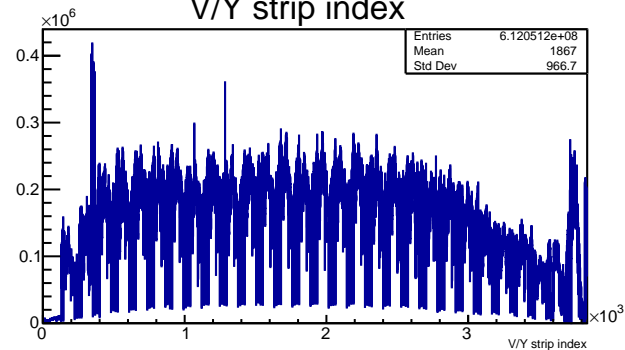
Num V/Y clusters



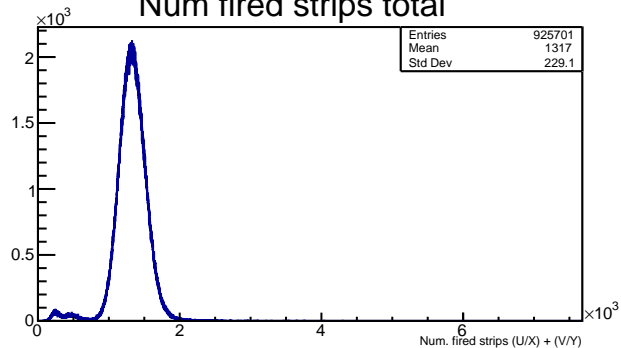
U/X strip index



V/Y strip index

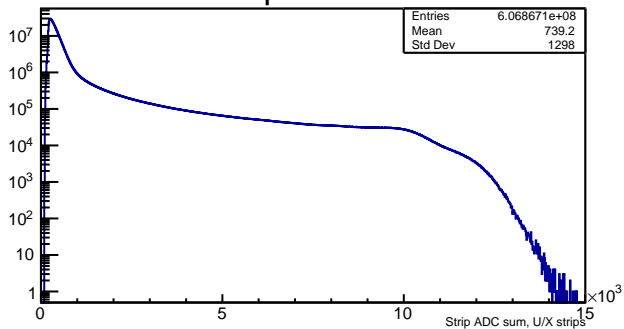


Num fired strips total

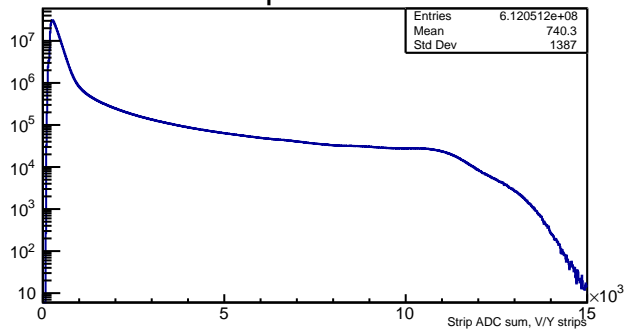


Summary Plots(Run #13450) 16: Module 2 Cluster and Strip Histograms (no tracking)

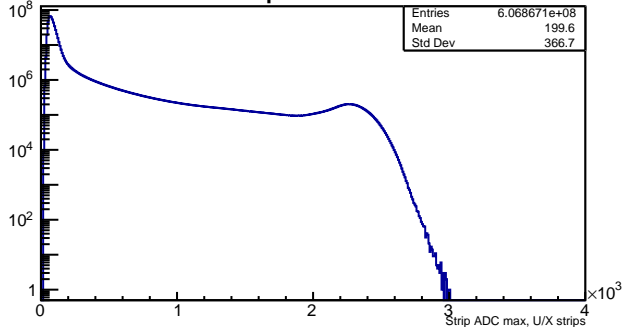
U/X Strip ADC Sum



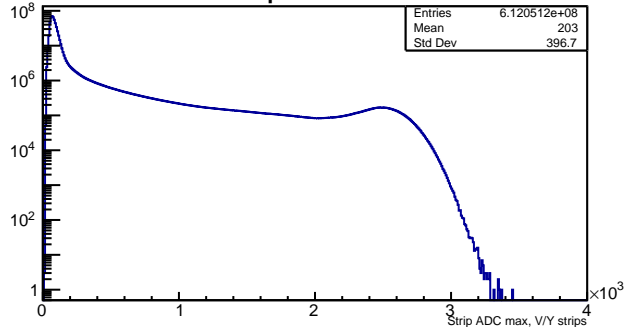
V/Y Strip ADC Sum



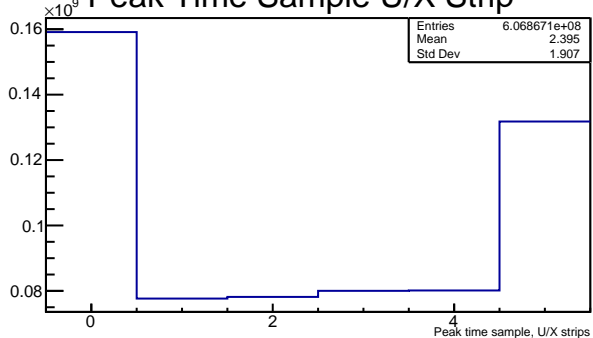
U/X Strip ADC Max



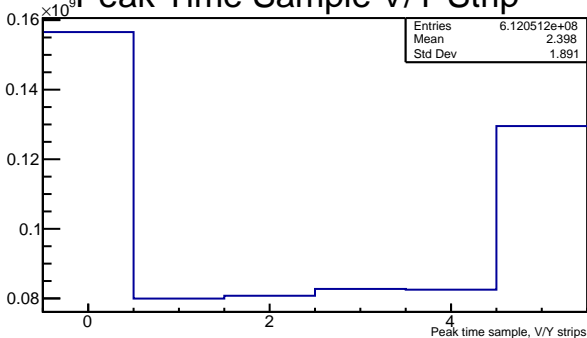
V/Y Strip ADC Max



Peak Time Sample U/X Strip

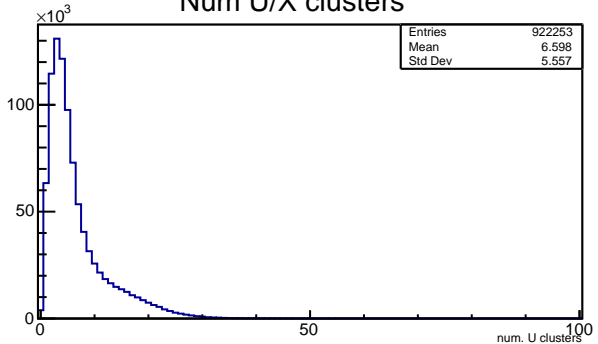


Peak Time Sample V/Y Strip

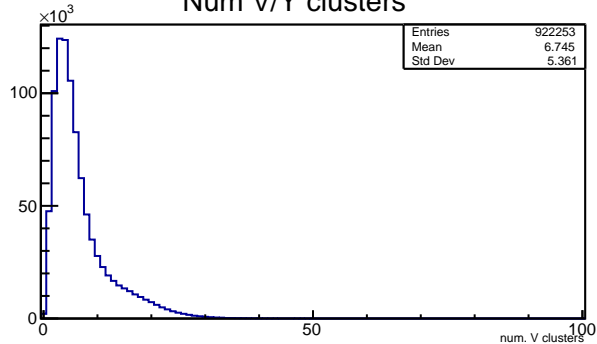


Summary Plots(Run #13450) 17: Module 2 Cluster and Strip Histograms (with tracking)

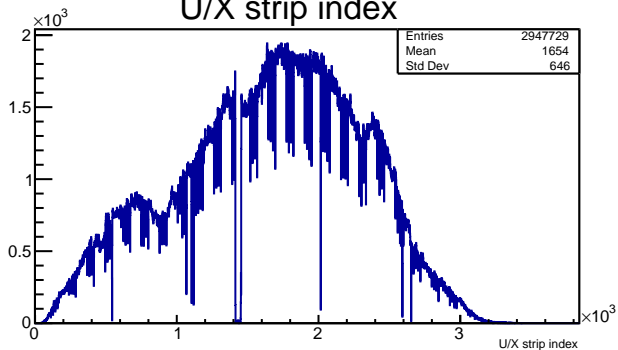
Num U/X clusters



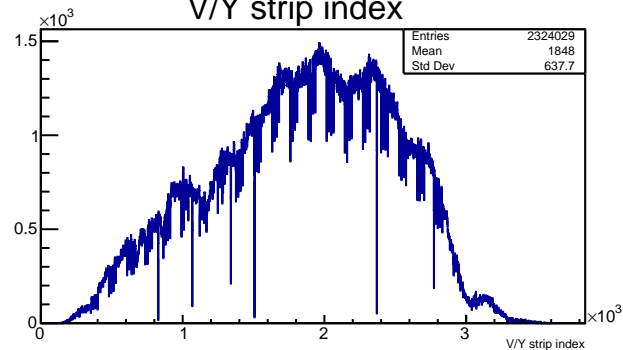
Num V/Y clusters



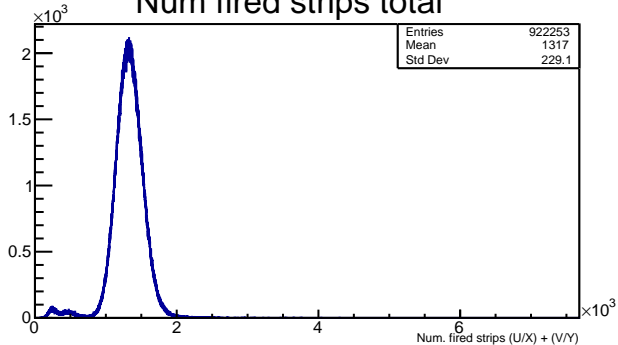
U/X strip index



V/Y strip index

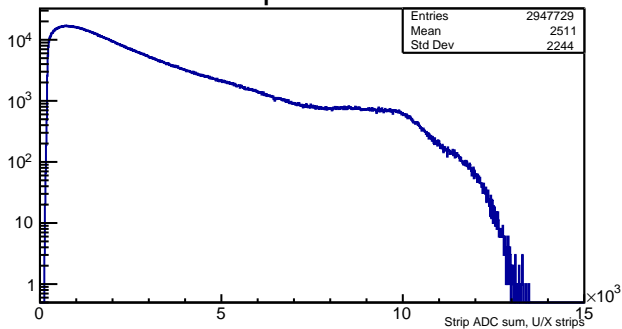


Num fired strips total

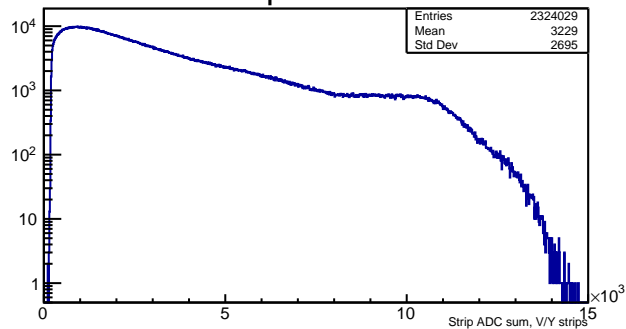


Summary Plots(Run #13450) 18: Module 2 Cluster and Strip Histograms (with tracking)

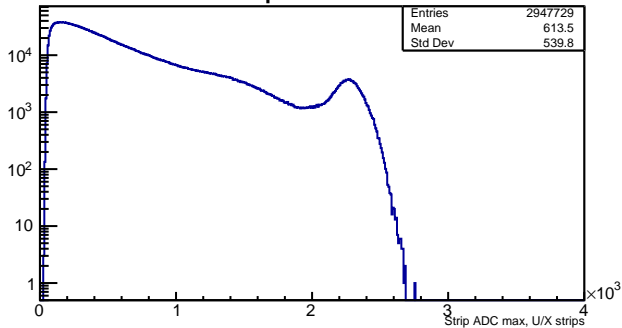
U/X Strip ADC Sum



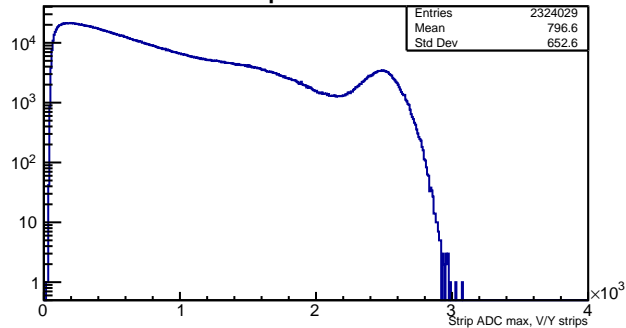
V/Y Strip ADC Sum



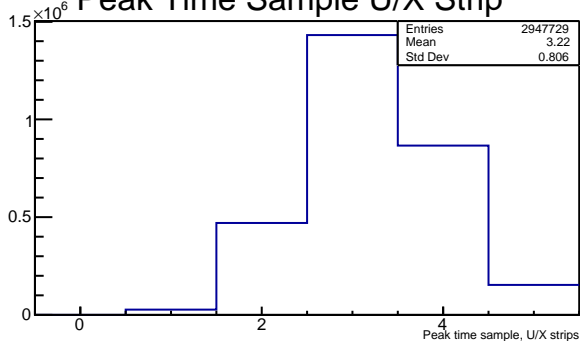
U/X Strip ADC Max



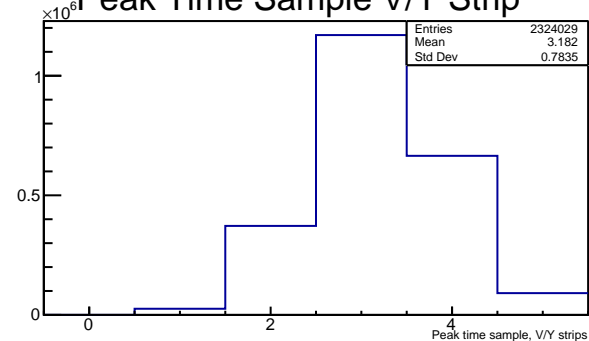
V/Y Strip ADC Max



Peak Time Sample U/X Strip

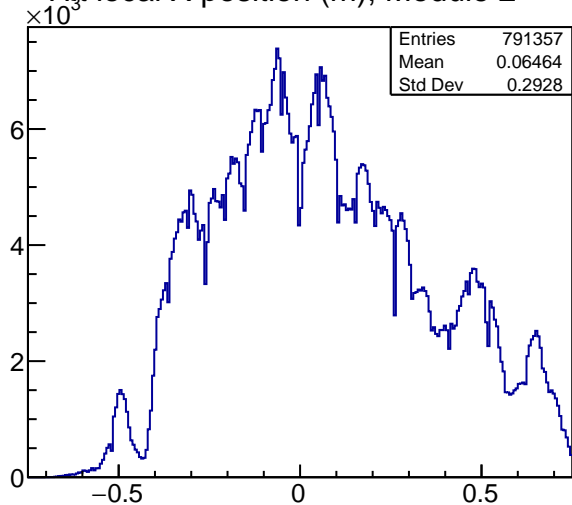


Peak Time Sample V/Y Strip

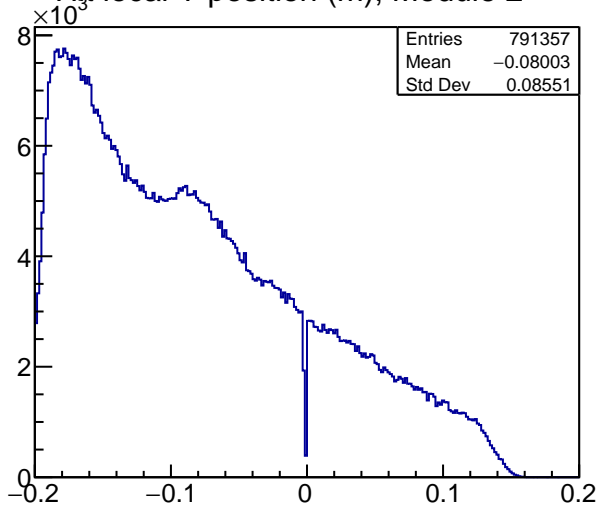


Summary Plots(Run #13450) 19: Module 2 Hit Maps (with tracking)

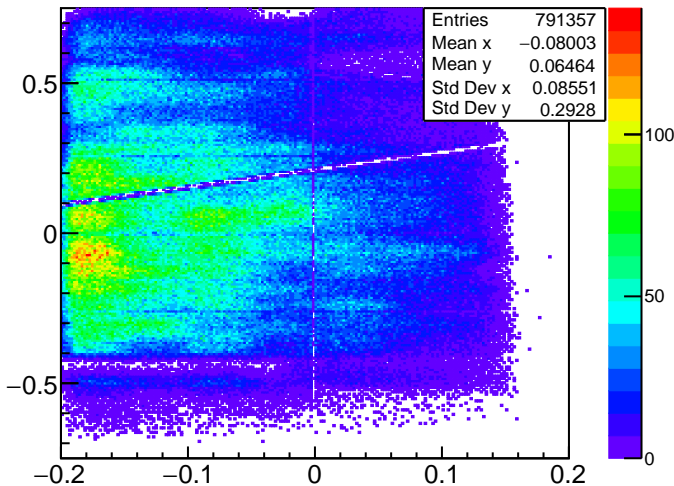
Hit local X position (m), Module 2



Hit local Y position (m), Module 2

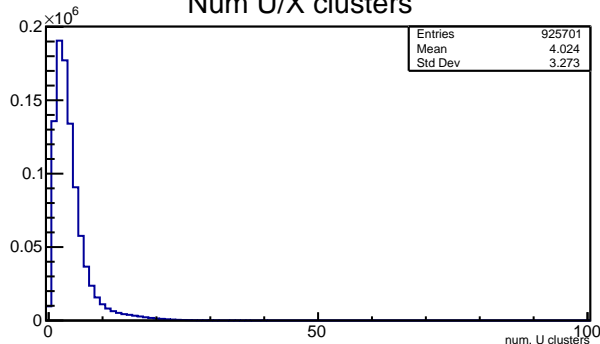


Hit local X vs Y (m), Module 2

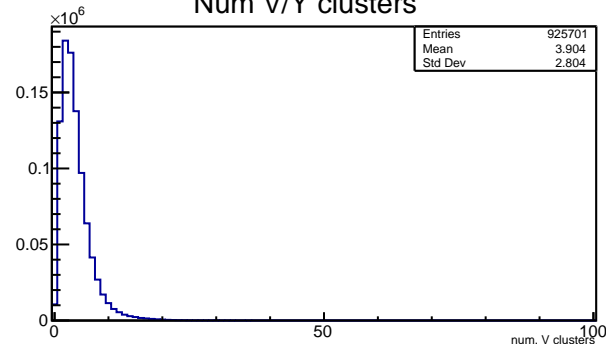


Summary Plots(Run #13450) 20: Module 3 Cluster and Strip Histograms (no tracking)

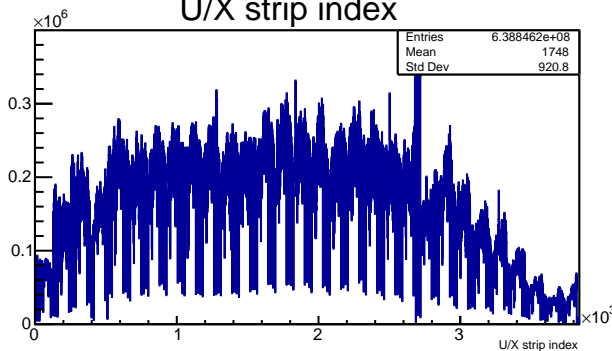
Num U/X clusters



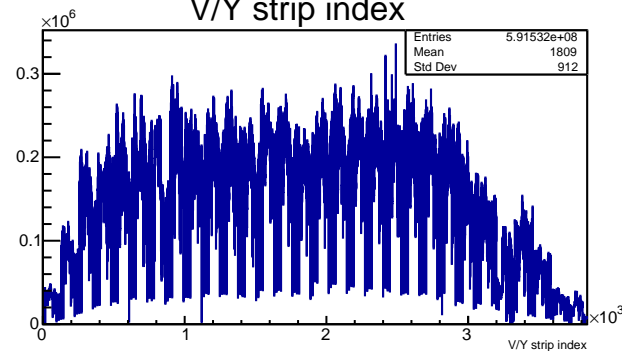
Num V/Y clusters



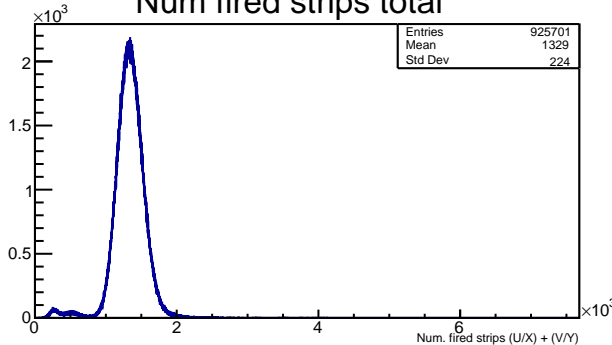
U/X strip index



V/Y strip index

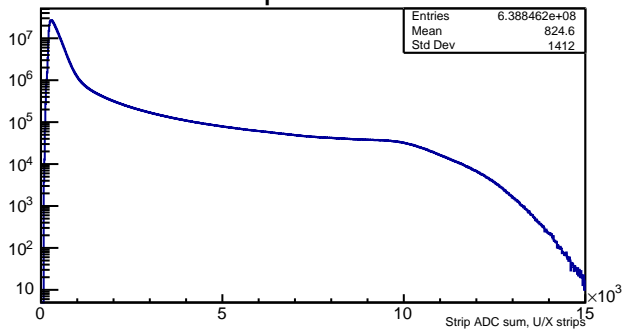


Num fired strips total

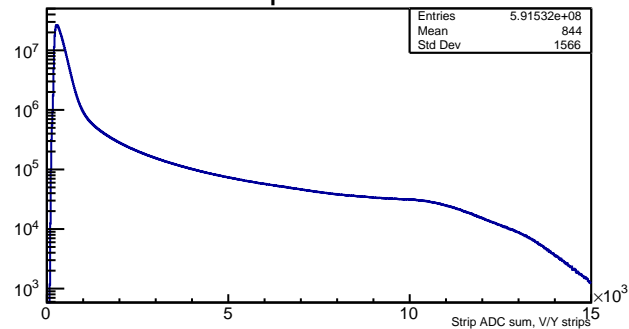


Summary Plots (Run #13450) 21: Module 3 Cluster and Strip Histograms (no tracking)

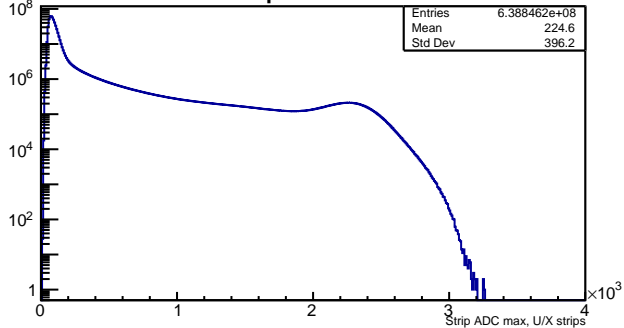
U/X Strip ADC Sum



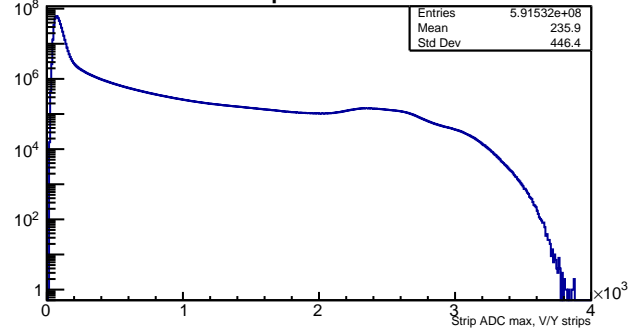
V/Y Strip ADC Sum



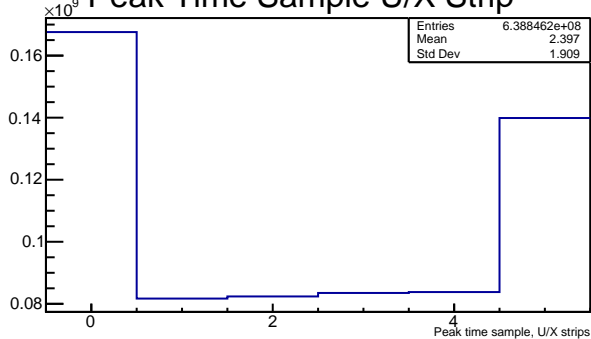
U/X Strip ADC Max



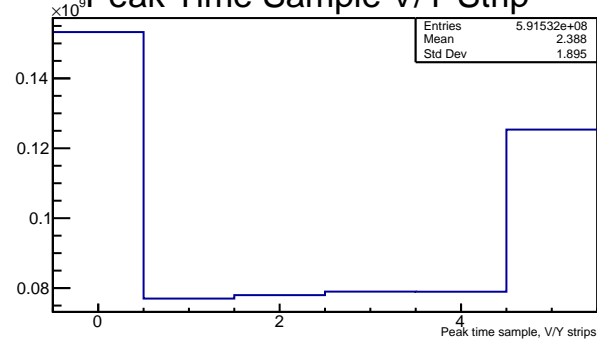
V/Y Strip ADC Max



Peak Time Sample U/X Strip

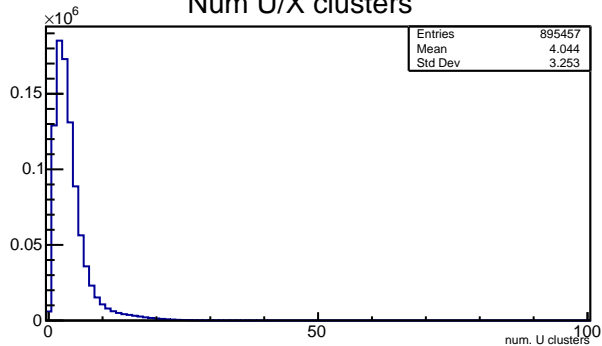


Peak Time Sample V/Y Strip

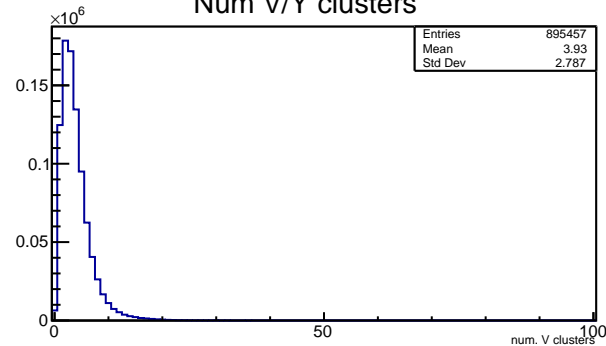


Summary Plots (Run #13450) 22: Module 3 Cluster and Strip Histograms (with tracking)

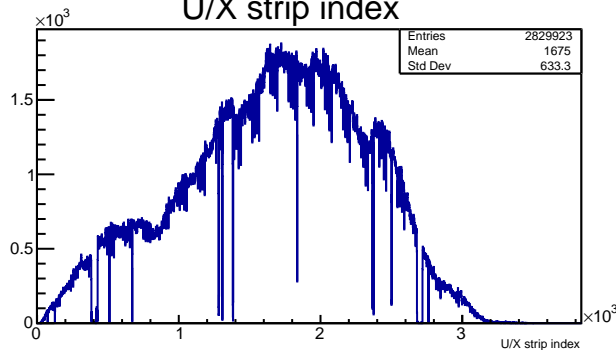
Num U/X clusters



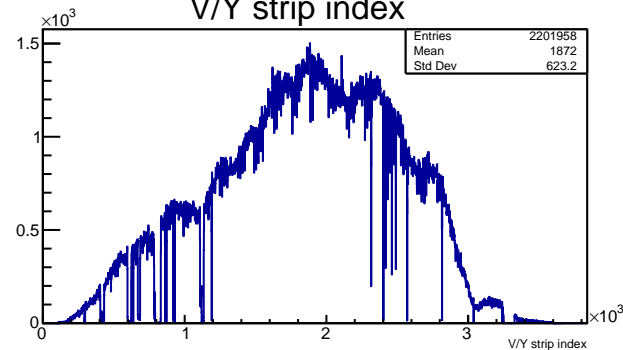
Num V/Y clusters



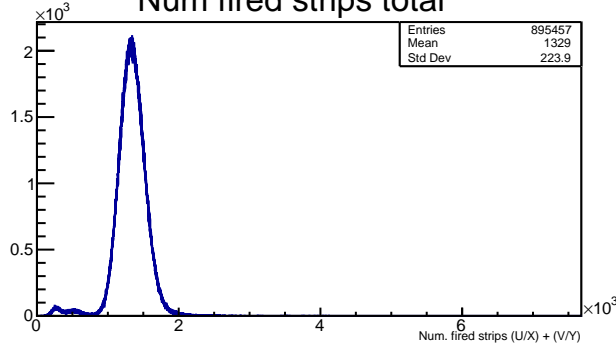
U/X strip index



V/Y strip index

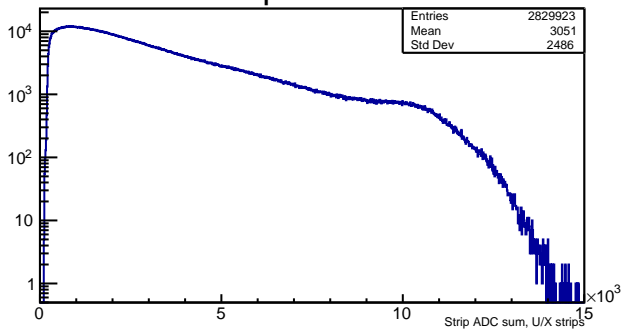


Num fired strips total

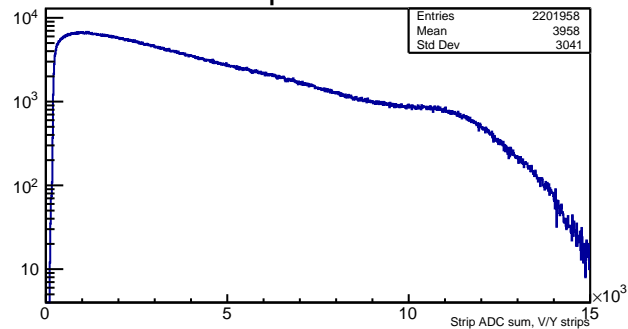


Summary Plots(Run #13450) 23: Module 3 Cluster and Strip Histograms (with tracking)

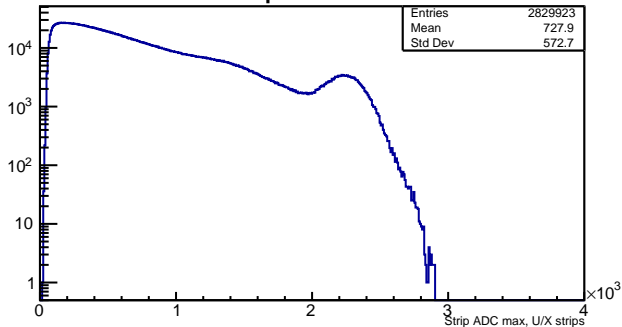
U/X Strip ADC Sum



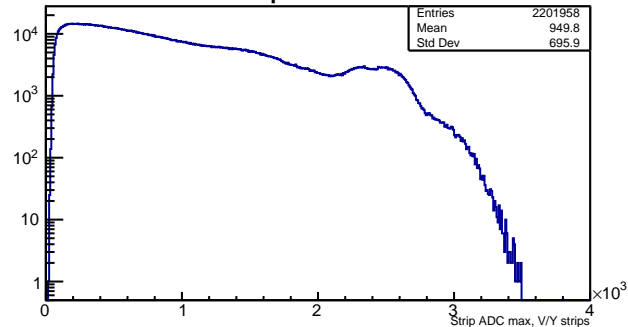
V/Y Strip ADC Sum



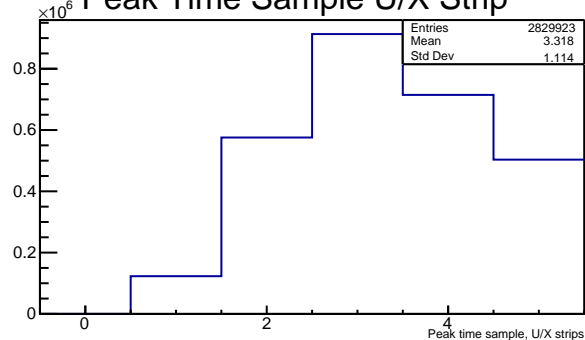
U/X Strip ADC Max



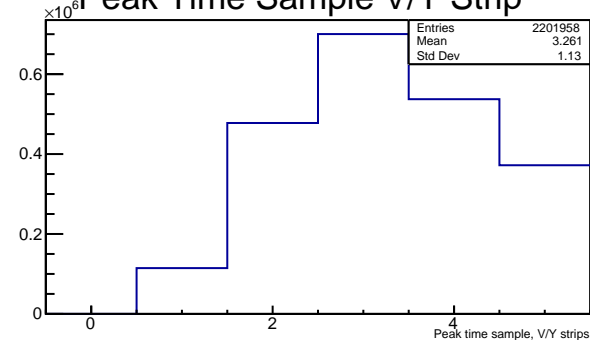
V/Y Strip ADC Max



Peak Time Sample U/X Strip

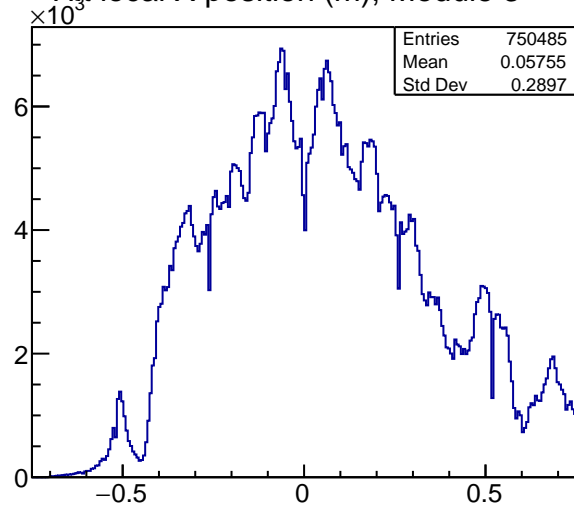


Peak Time Sample V/Y Strip

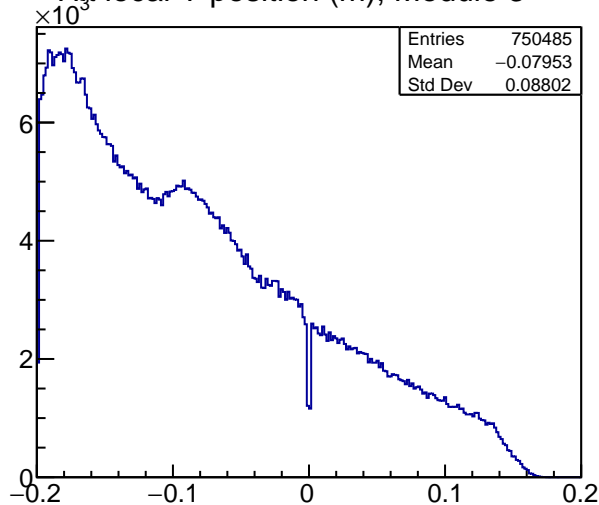


Summary Plots(Run #13450) 24: Module 3 Hit Maps (with tracking)

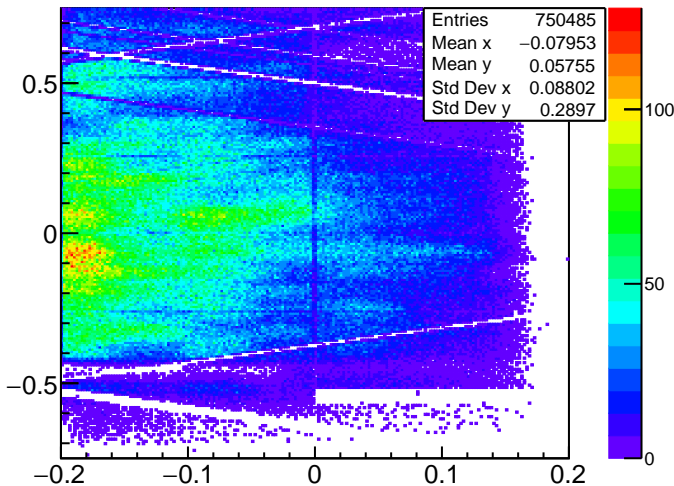
Hit local X position (m), Module 3



Hit local Y position (m), Module 3

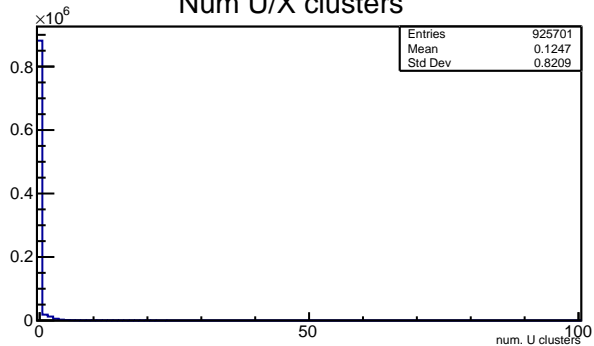


Hit local X vs Y (m), Module 3

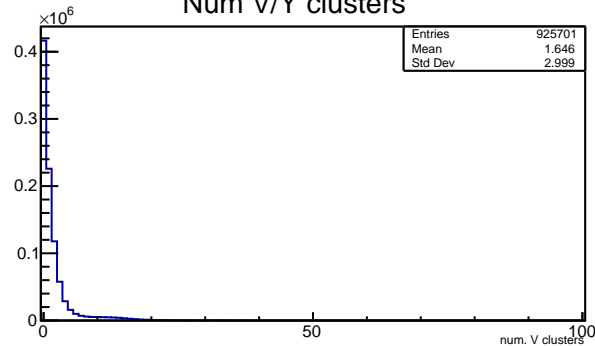


Summary Plots(Run #13450) 25: Module 4 Cluster and Strip Histograms (no tracking)

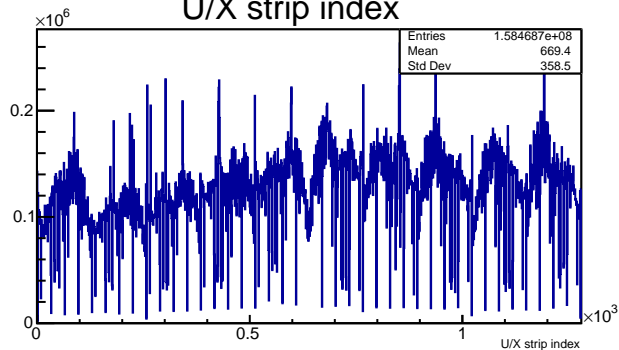
Num U/X clusters



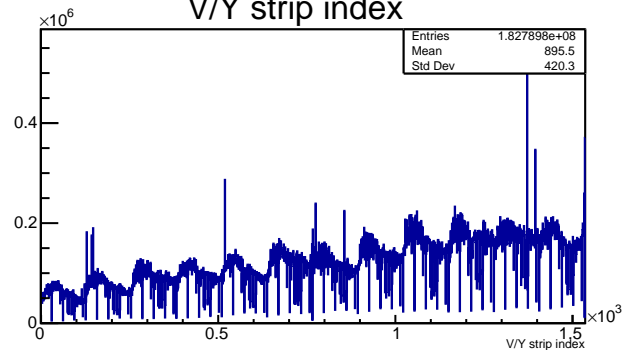
Num V/Y clusters



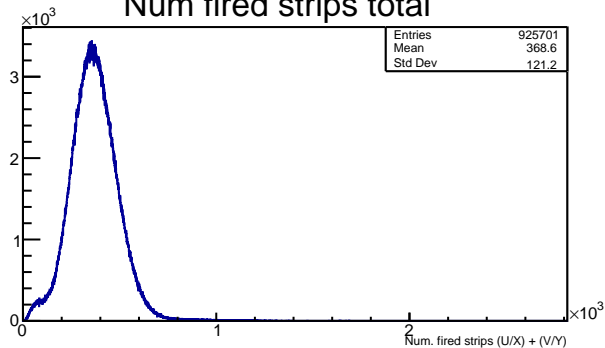
U/X strip index



V/Y strip index

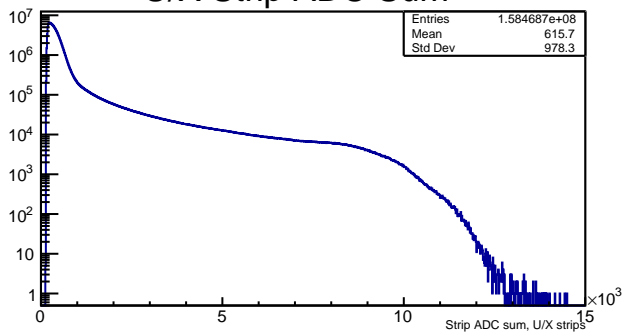


Num fired strips total

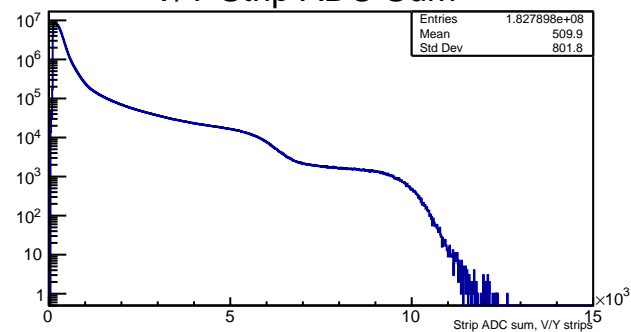


Summary Plots(Run #13450) 26: Module 4 Cluster and Strip Histograms (no tracking)

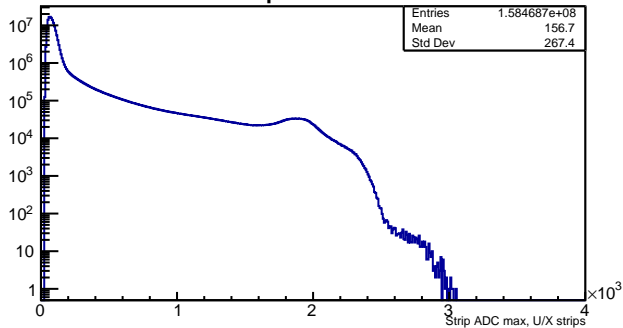
U/X Strip ADC Sum



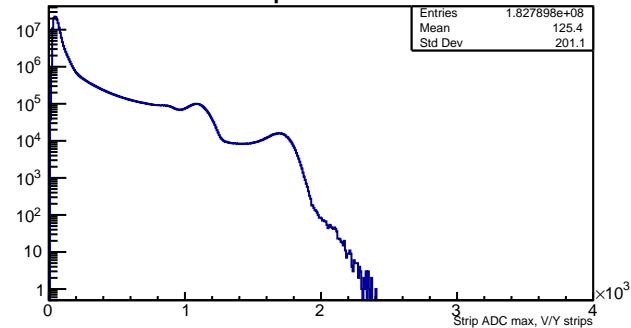
V/Y Strip ADC Sum



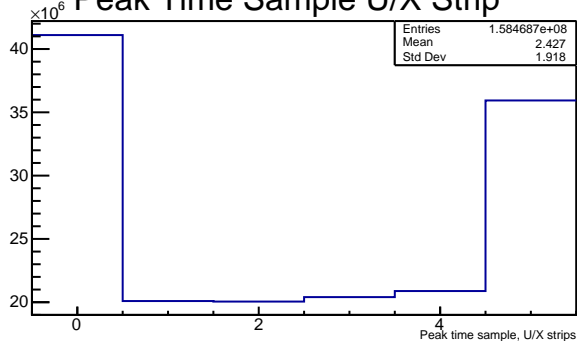
U/X Strip ADC Max



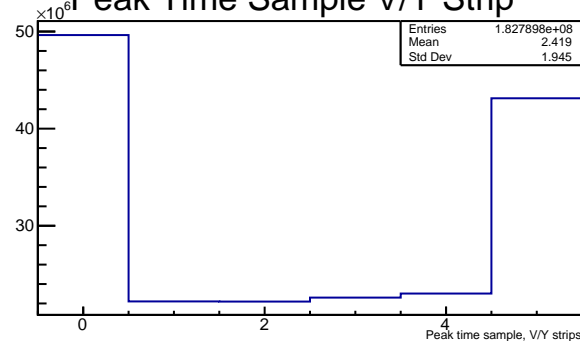
V/Y Strip ADC Max



Peak Time Sample U/X Strip

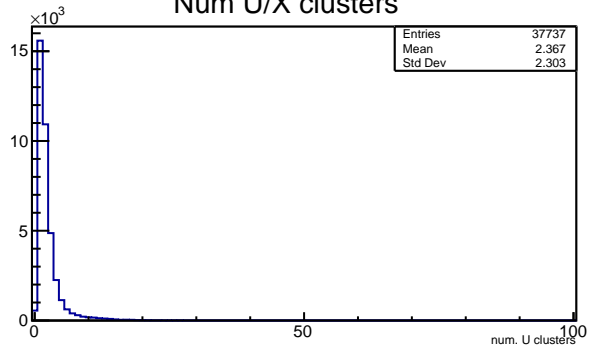


Peak Time Sample V/Y Strip

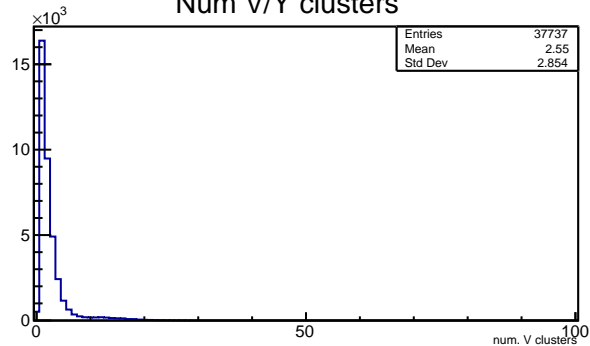


Summary Plots(Run #13450) 27: Module 4 Cluster and Strip Histograms (with tracking)

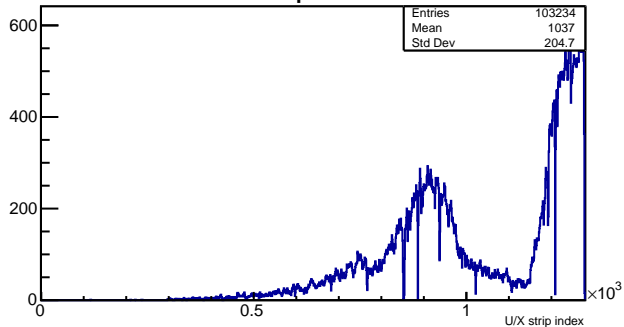
Num U/X clusters



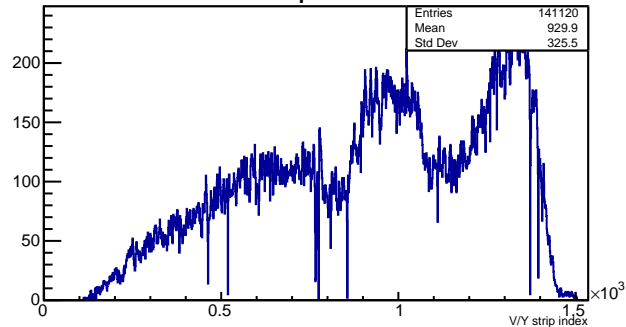
Num V/Y clusters



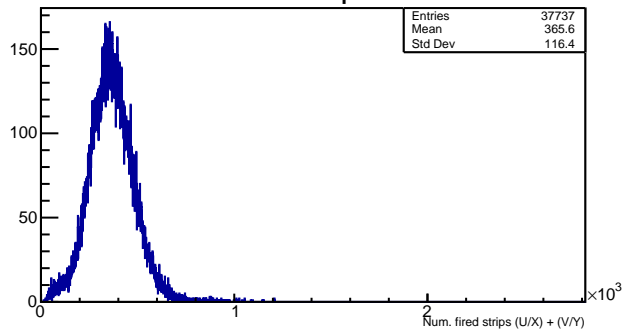
U/X strip index



V/Y strip index

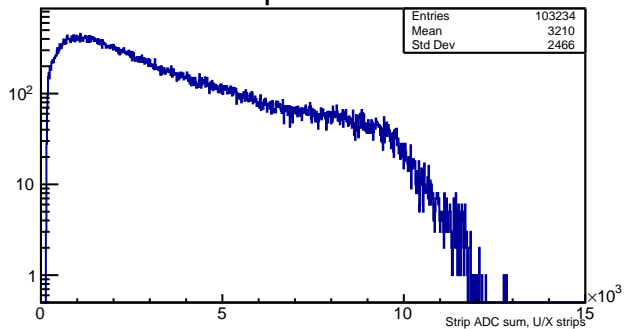


Num fired strips total

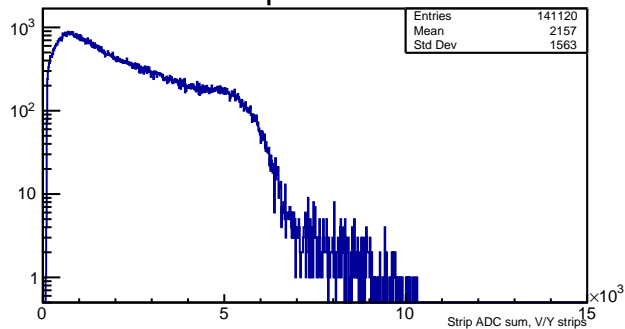


Summary Plots(Run #13450) 28: Module 4 Cluster and Strip Histograms (with tracking)

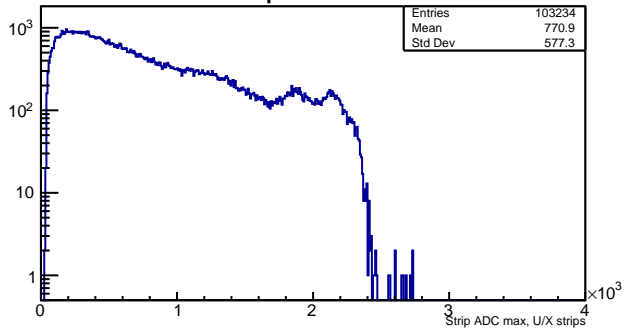
U/X Strip ADC Sum



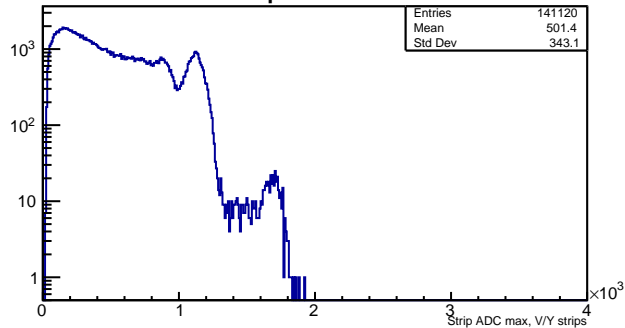
V/Y Strip ADC Sum



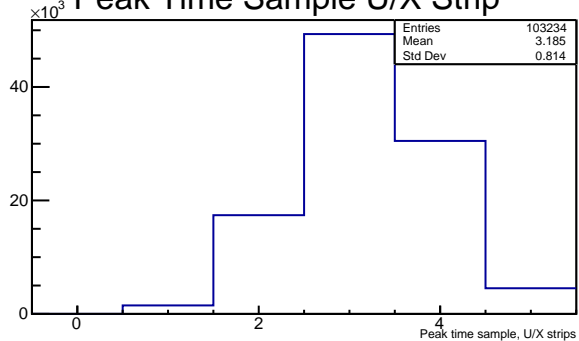
U/X Strip ADC Max



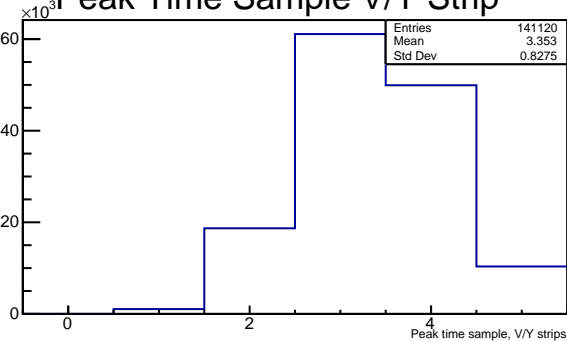
V/Y Strip ADC Max



Peak Time Sample U/X Strip

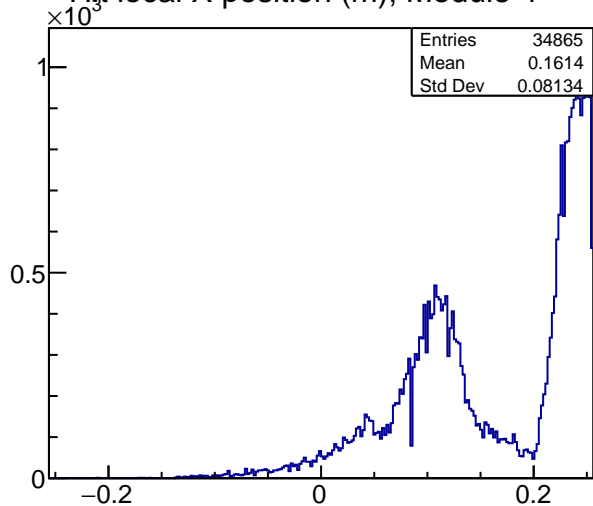


Peak Time Sample V/Y Strip

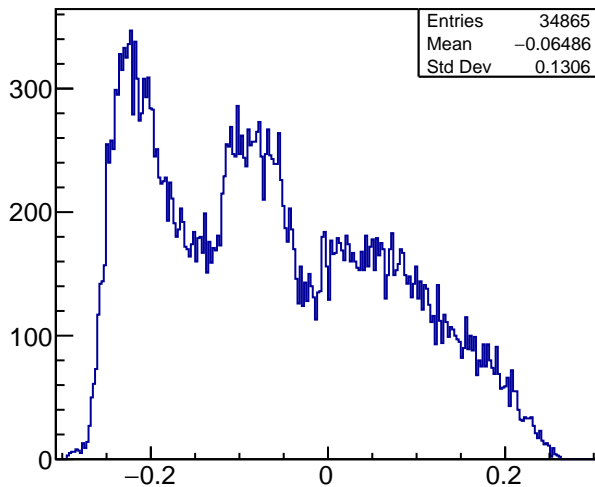


Summary Plots(Run #13450) 29: Module 4 Hit Maps (with tracking)

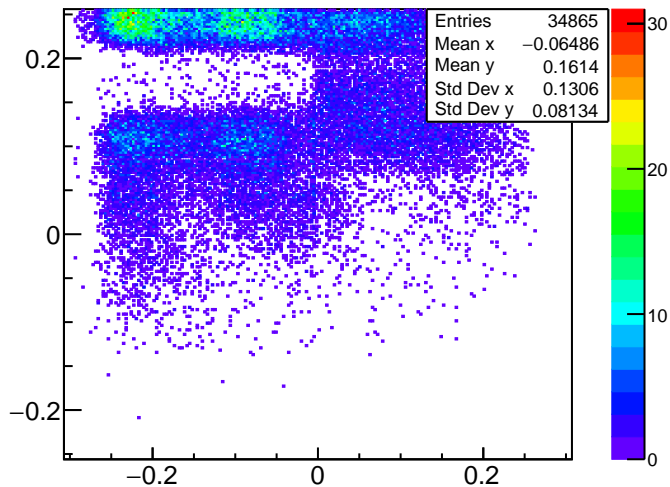
Hit local X position (m), Module 4



Hit local Y position (m), Module 4

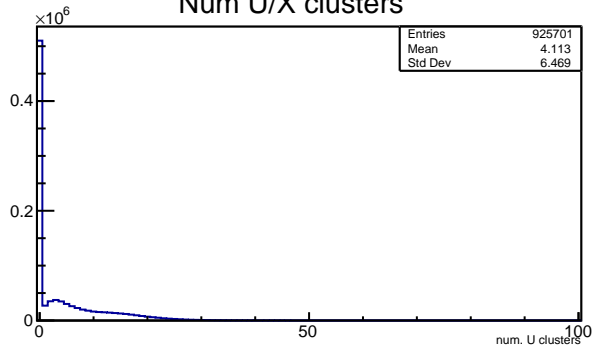


Hit local X vs Y (m), Module 4

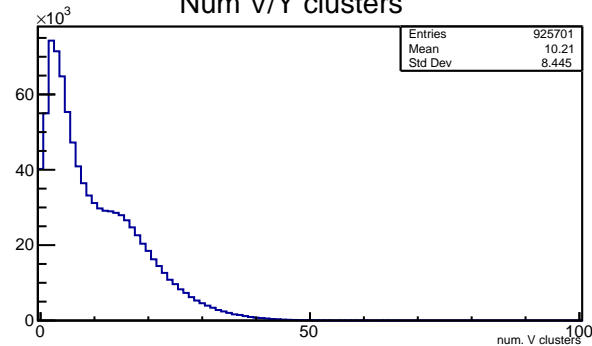


Summary Plots(Run #13450) 30: Module 5 Cluster and Strip Histograms (no tracking)

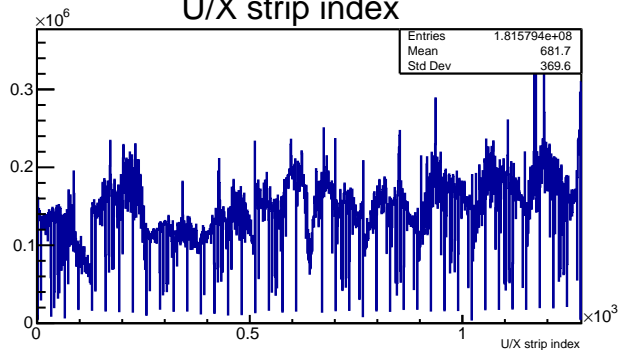
Num U/X clusters



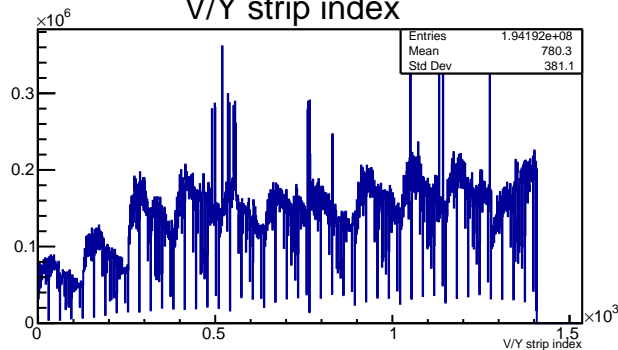
Num V/Y clusters



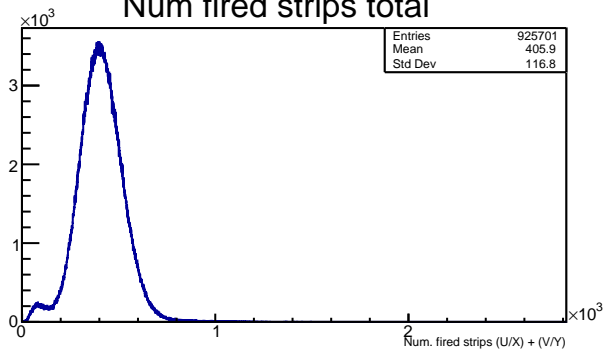
U/X strip index



V/Y strip index

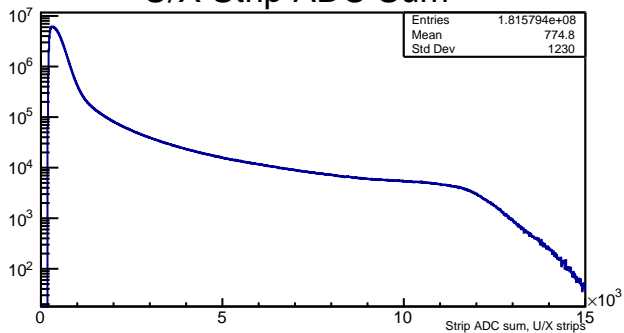


Num fired strips total

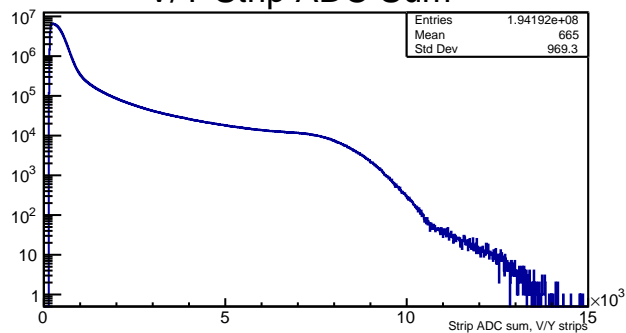


Summary Plots (Run #13450) 31: Module 5 Cluster and Strip Histograms (no tracking)

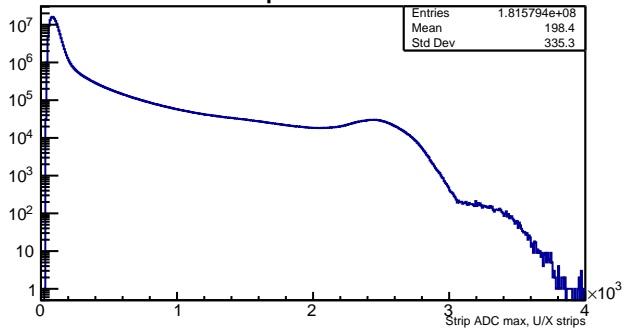
U/X Strip ADC Sum



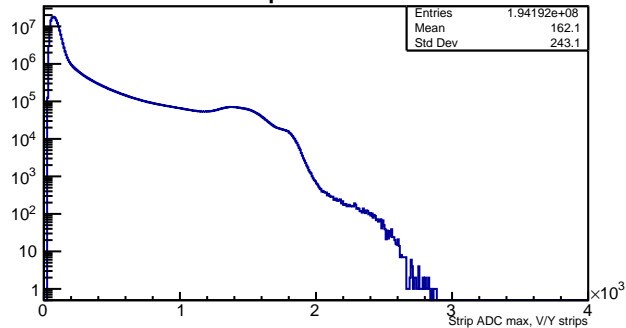
V/Y Strip ADC Sum



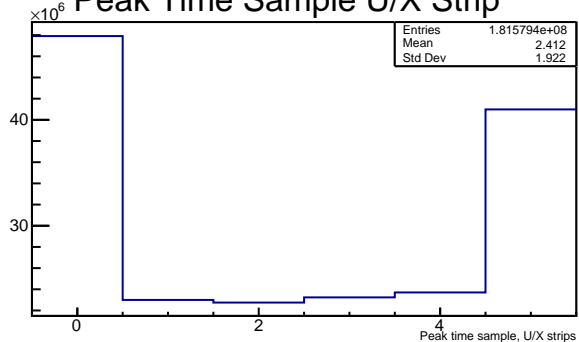
U/X Strip ADC Max



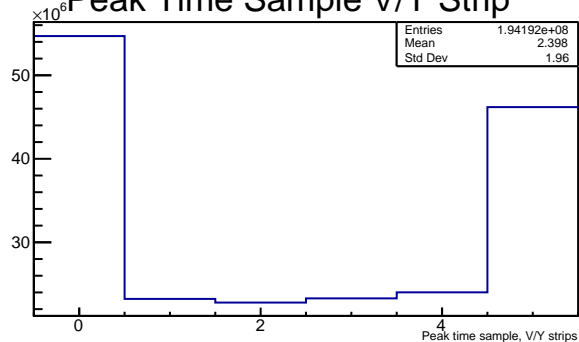
V/Y Strip ADC Max



Peak Time Sample U/X Strip

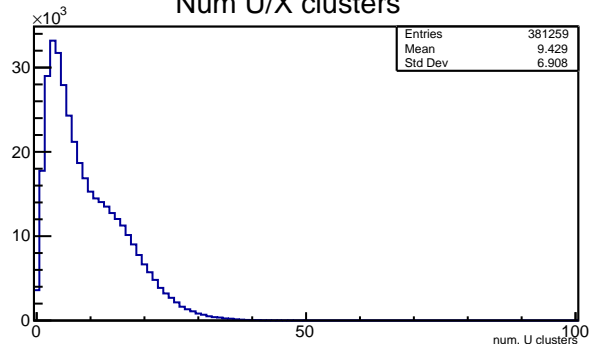


Peak Time Sample V/Y Strip

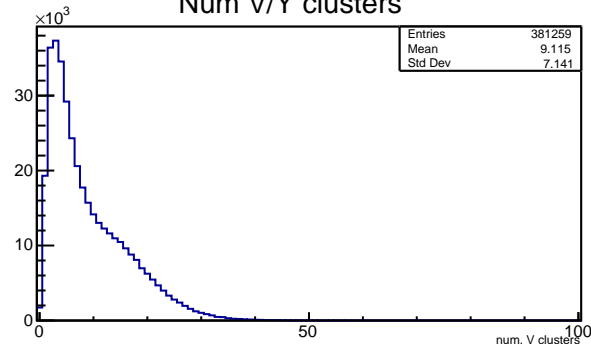


Summary Plots(Run #13450) 32: Module 5 Cluster and Strip Histograms (with tracking)

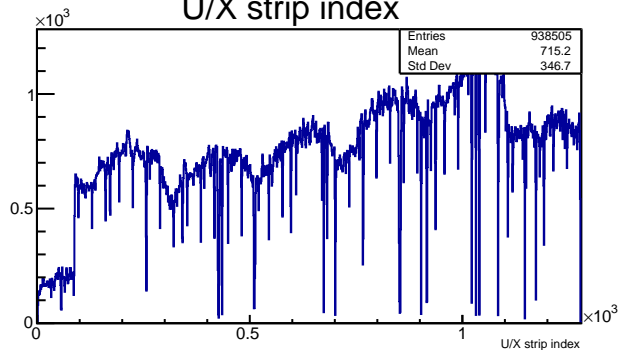
Num U/X clusters



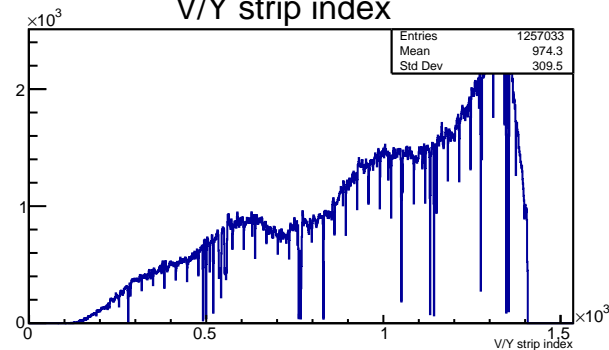
Num V/Y clusters



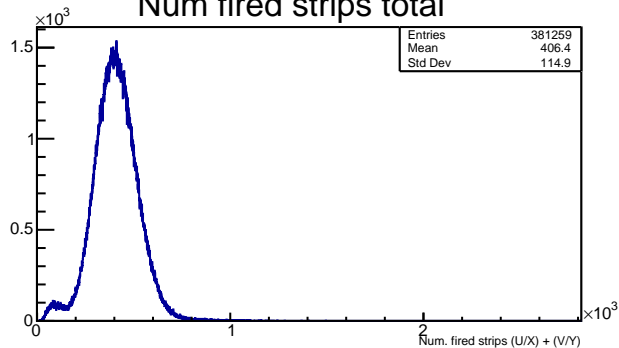
U/X strip index



V/Y strip index

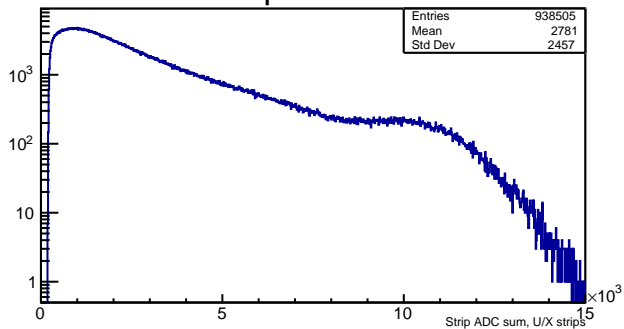


Num fired strips total

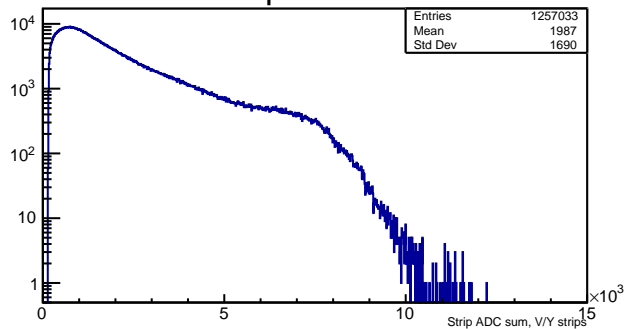


Summary Plots(Run #13450) 33: Module 5 Cluster and Strip Histograms (with tracking)

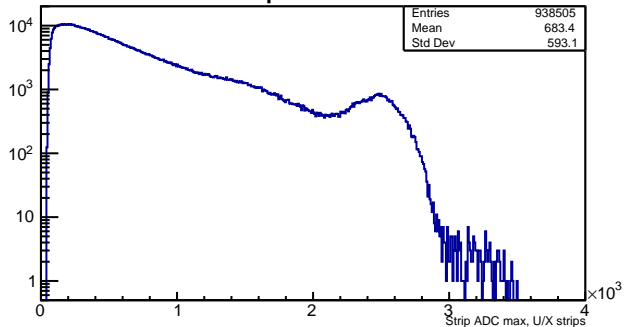
U/X Strip ADC Sum



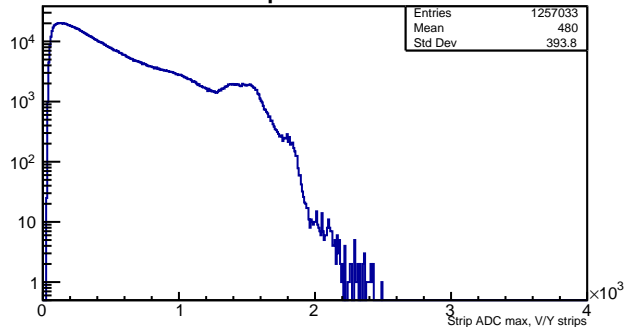
V/Y Strip ADC Sum



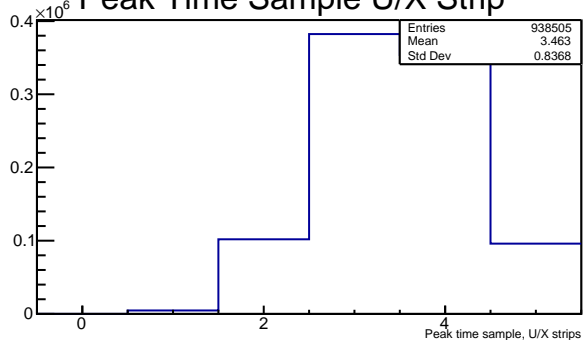
U/X Strip ADC Max



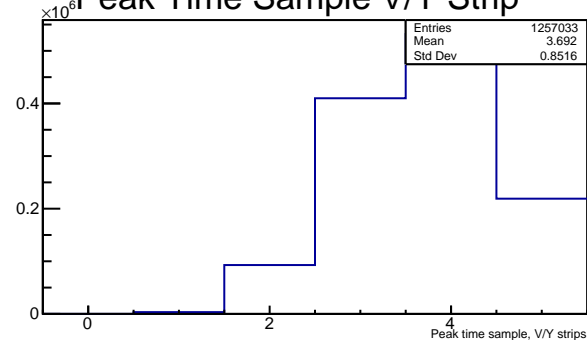
V/Y Strip ADC Max



Peak Time Sample U/X Strip

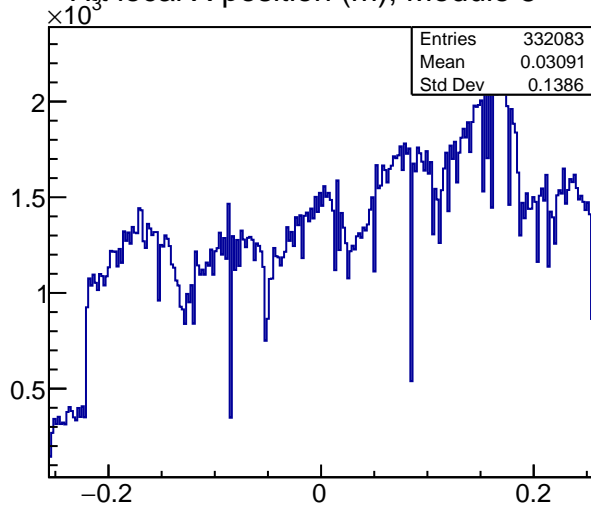


Peak Time Sample V/Y Strip

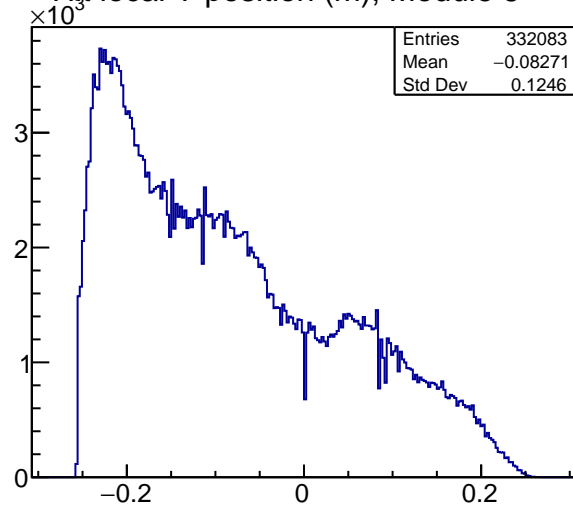


Summary Plots(Run #13450) 34: Module 5 Hit Maps (with tracking)

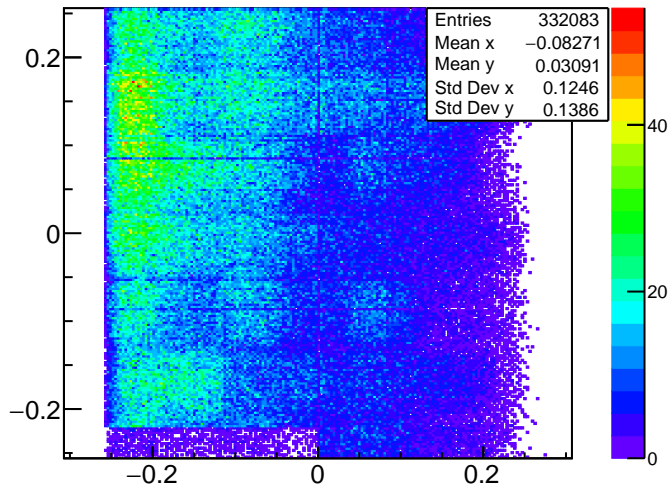
Hit local X position (m), Module 5



Hit local Y position (m), Module 5

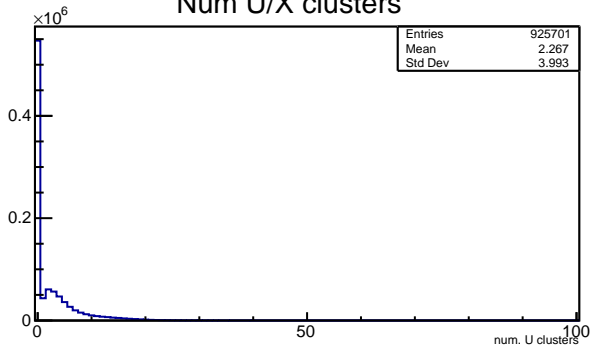


Hit local X vs Y (m), Module 5

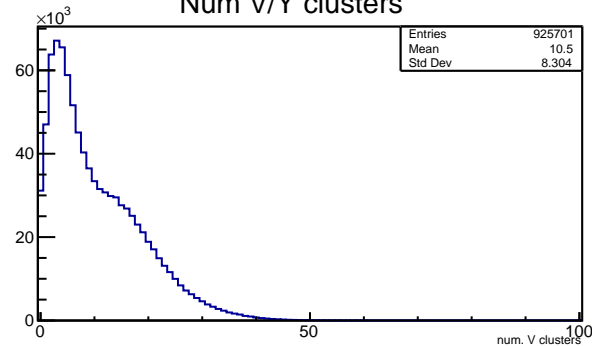


Summary Plots(Run #13450) 35: Module 6 Cluster and Strip Histograms (no tracking)

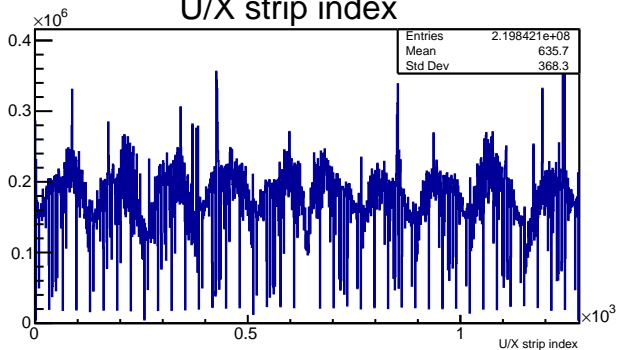
Num U/X clusters



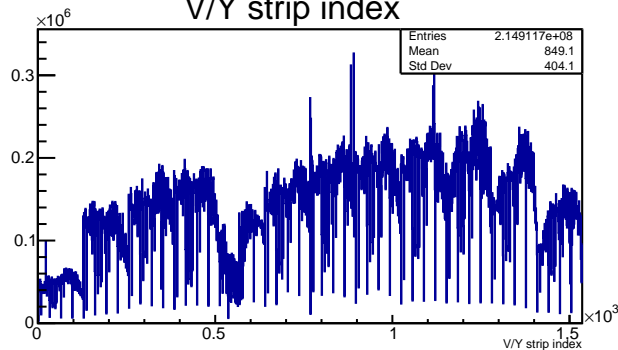
Num V/Y clusters



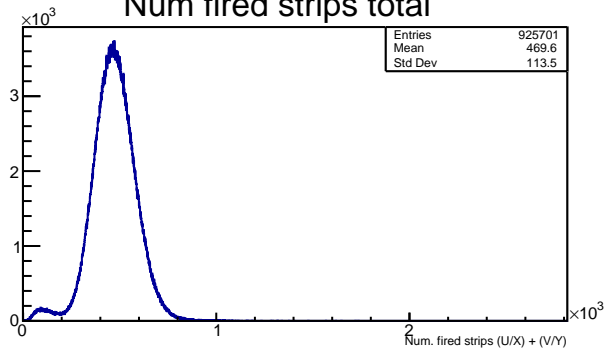
U/X strip index



V/Y strip index

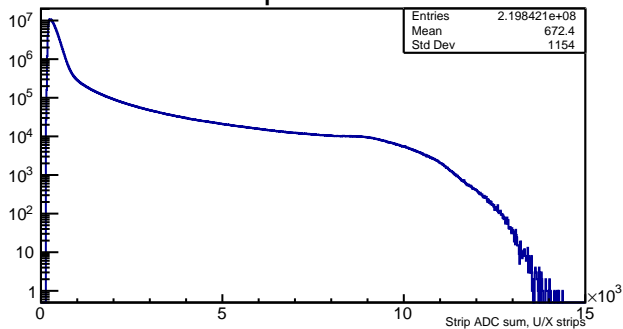


Num fired strips total

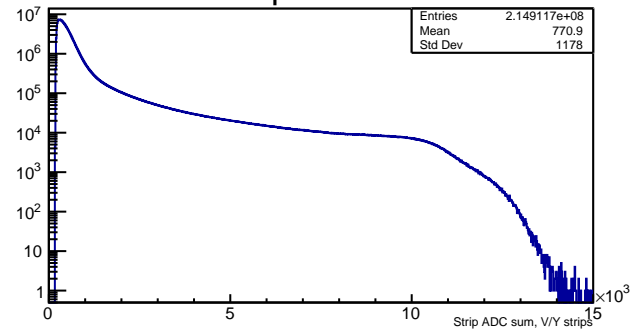


Summary Plots (Run #13450) 36: Module 6 Cluster and Strip Histograms (no tracking)

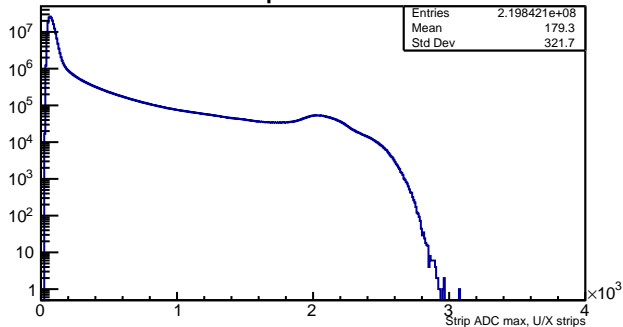
U/X Strip ADC Sum



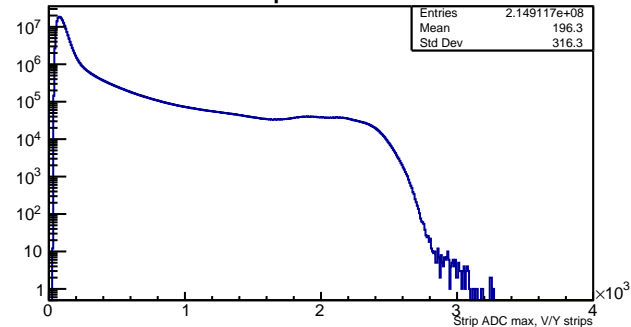
V/Y Strip ADC Sum



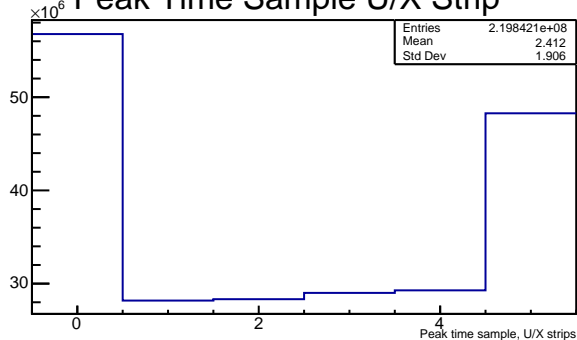
U/X Strip ADC Max



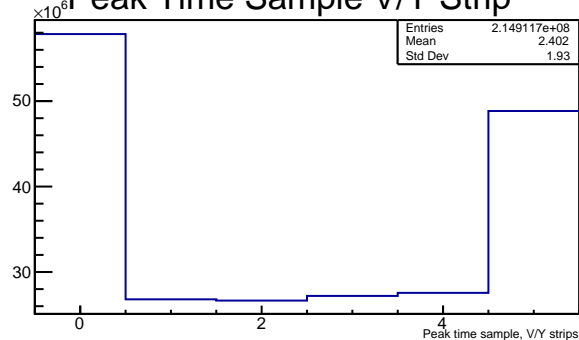
V/Y Strip ADC Max



Peak Time Sample U/X Strip

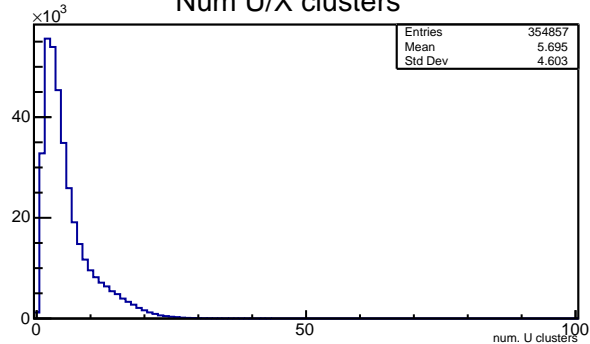


Peak Time Sample V/Y Strip

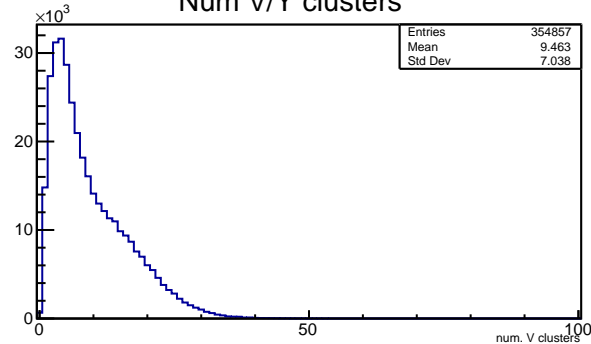


Summary Plots(Run #13450) 37: Module 6 Cluster and Strip Histograms (with tracking)

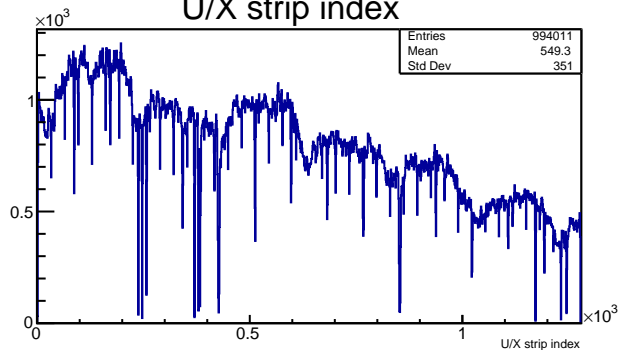
Num U/X clusters



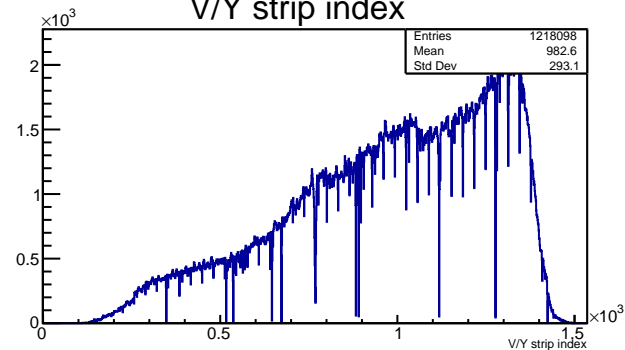
Num V/Y clusters



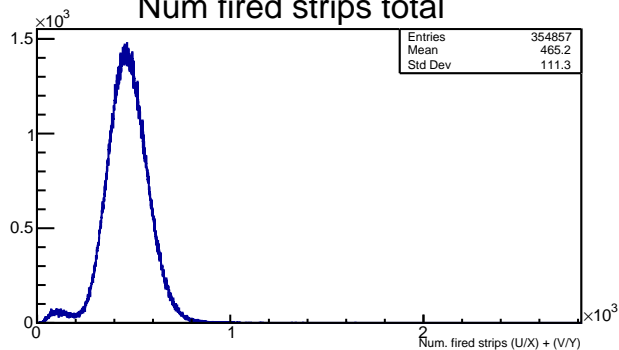
U/X strip index



V/Y strip index

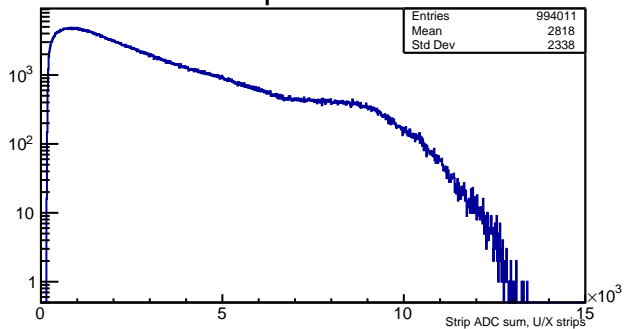


Num fired strips total

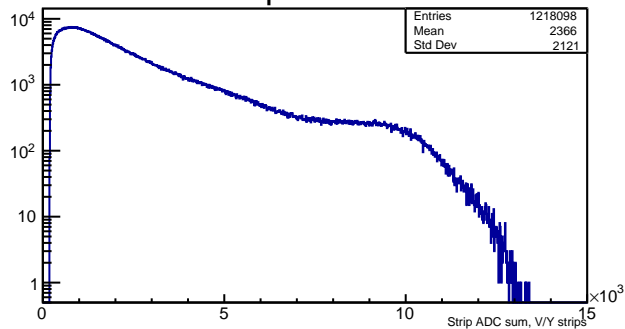


Summary Plots (Run #13450) 38: Module 6 Cluster and Strip Histograms (with tracking)

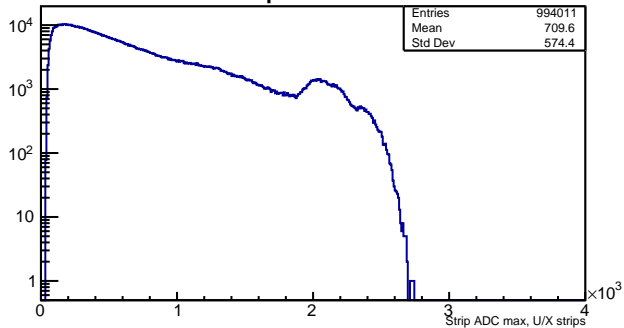
U/X Strip ADC Sum



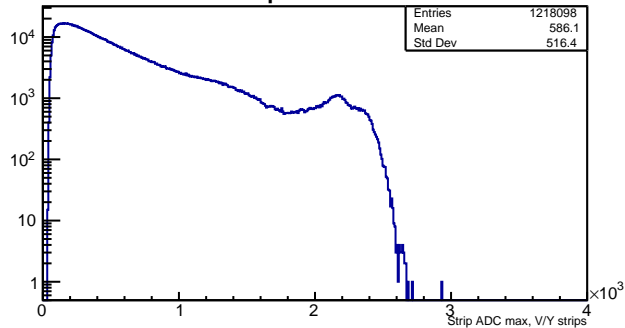
V/Y Strip ADC Sum



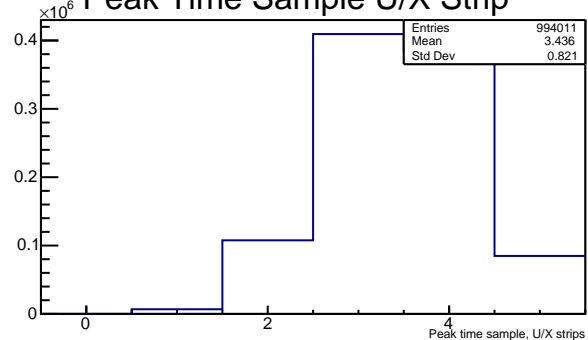
U/X Strip ADC Max



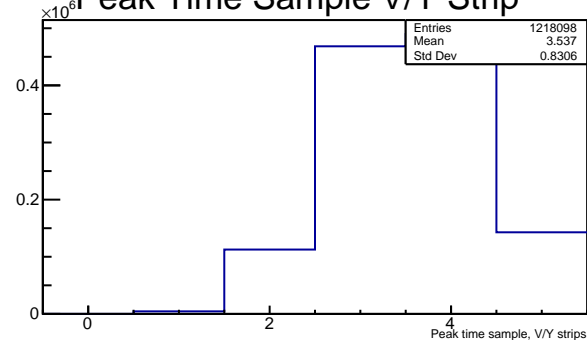
V/Y Strip ADC Max



Peak Time Sample U/X Strip

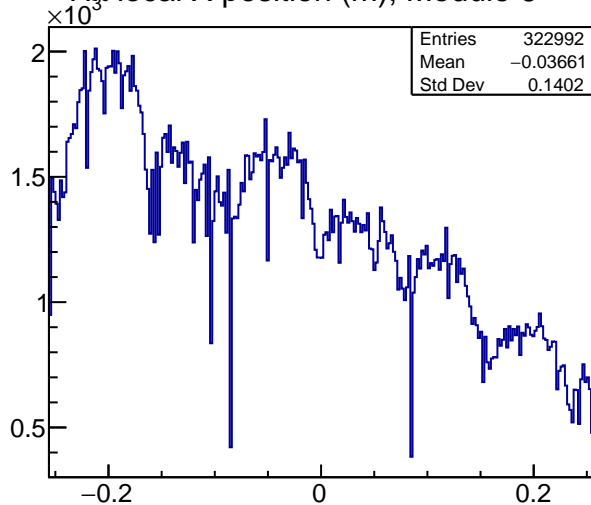


Peak Time Sample V/Y Strip

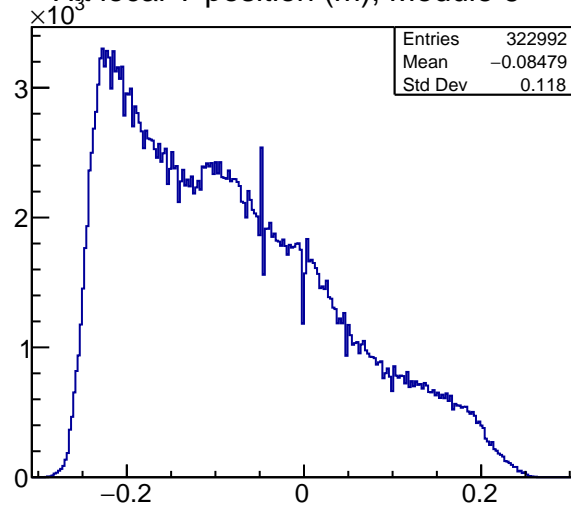


Summary Plots(Run #13450) 39: Module 6 Hit Maps (with tracking)

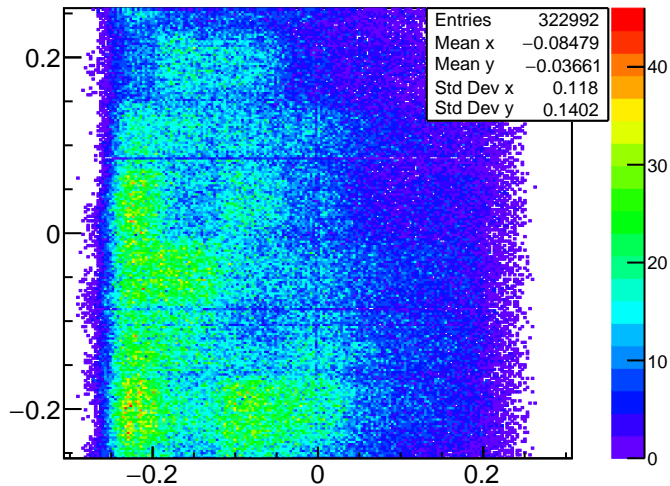
Hit local X position (m), Module 6



Hit local Y position (m), Module 6

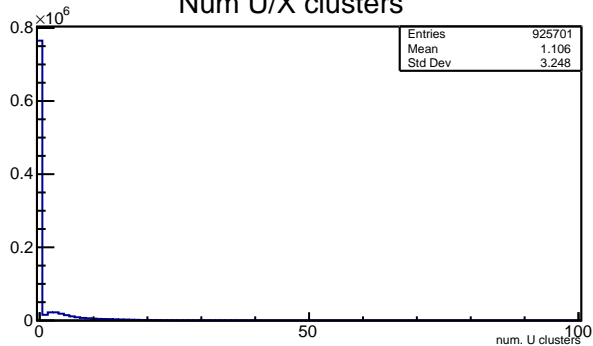


Hit local X vs Y (m), Module 6

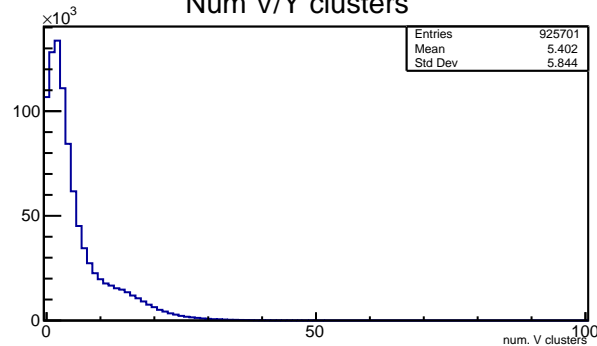


Summary Plots (Run #13450) 40: Module 7 Cluster and Strip Histograms (no tracking)

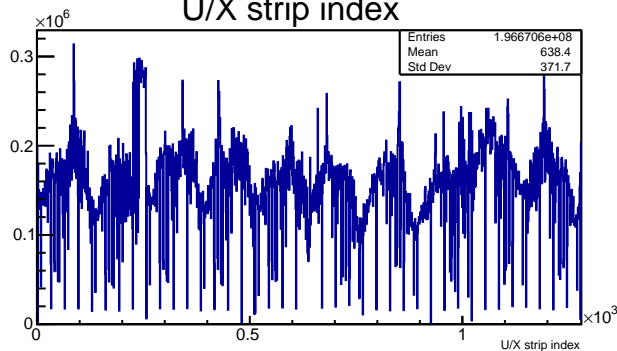
Num U/X clusters



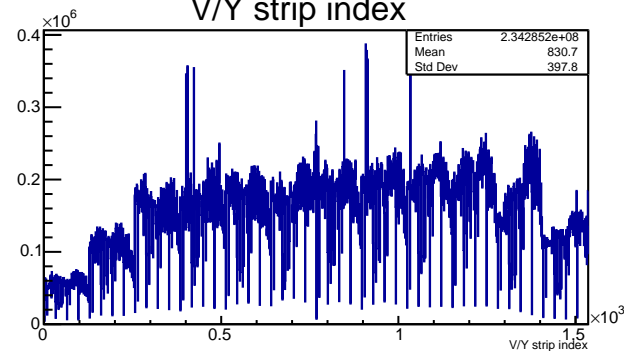
Num V/Y clusters



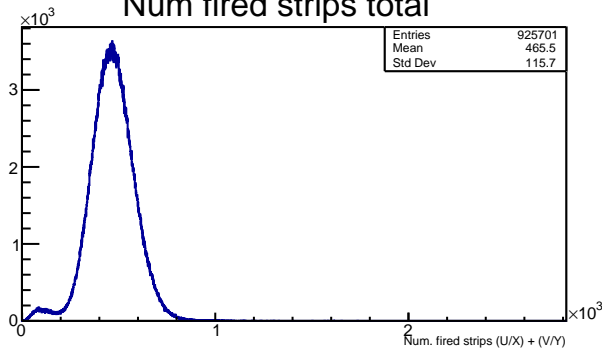
U/X strip index



V/Y strip index

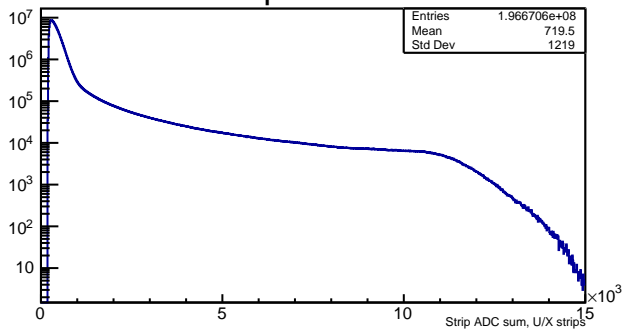


Num fired strips total

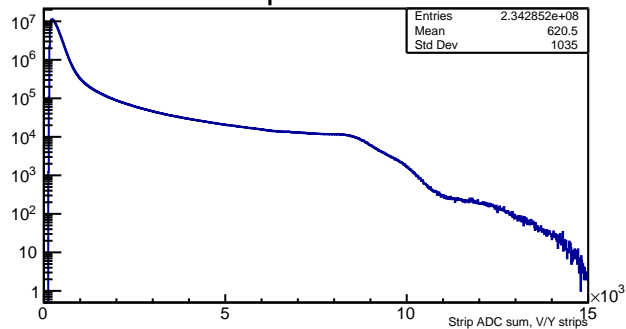


Summary Plots(Run #13450) 41: Module 7 Cluster and Strip Histograms (no tracking)

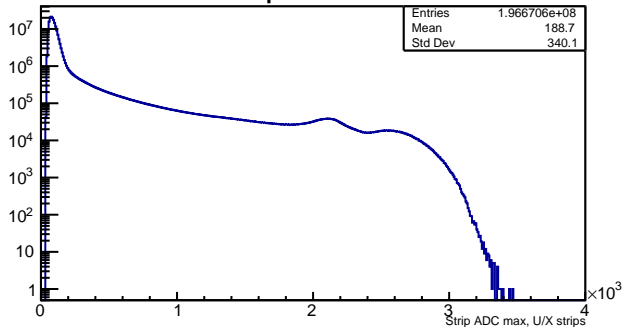
U/X Strip ADC Sum



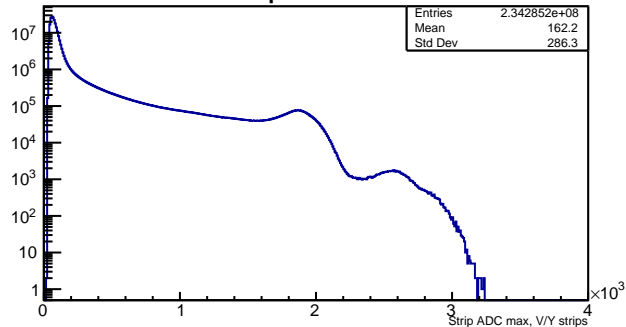
V/Y Strip ADC Sum



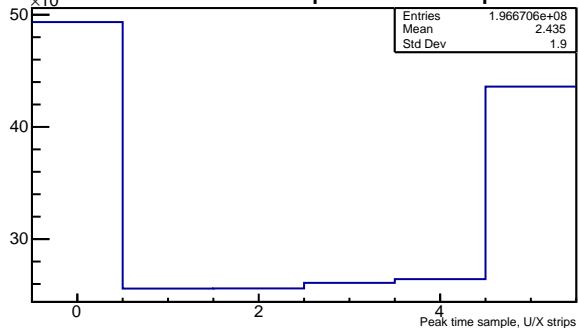
U/X Strip ADC Max



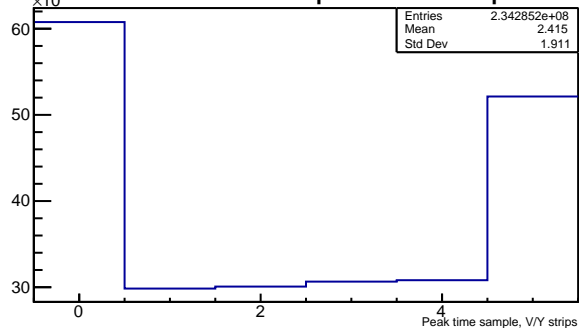
V/Y Strip ADC Max



Peak Time Sample U/X Strip

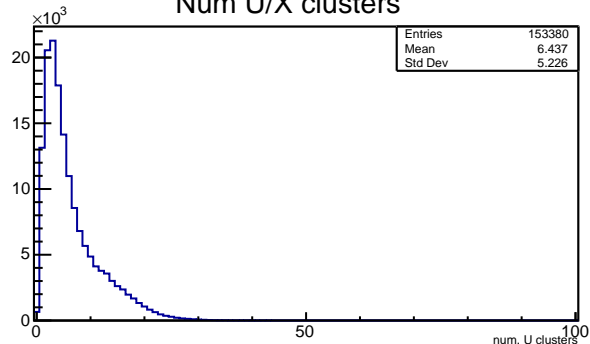


Peak Time Sample V/Y Strip

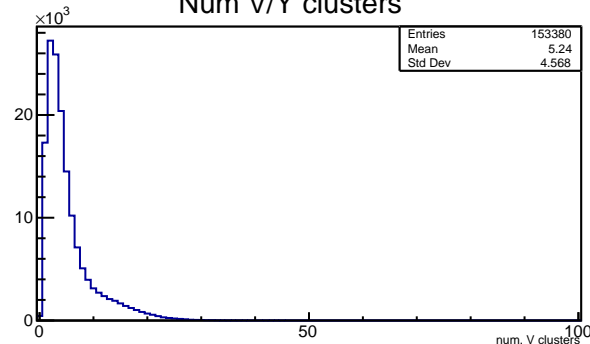


Summary Plots (Run #13450) 42: Module 7 Cluster and Strip Histograms (with tracking)

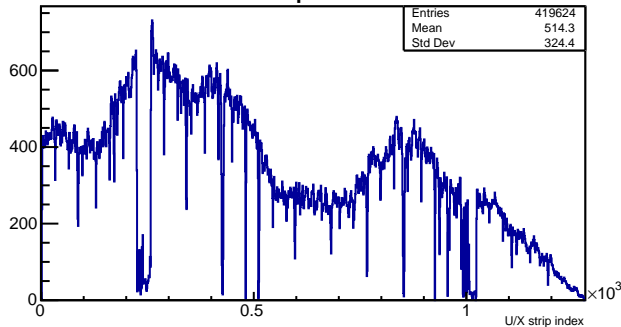
Num U/X clusters



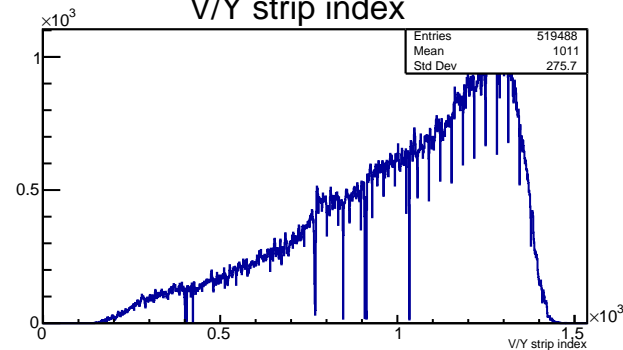
Num V/Y clusters



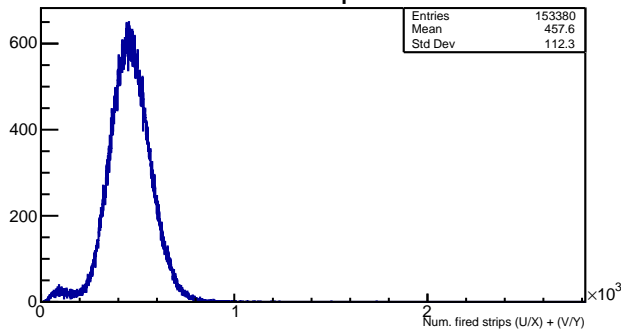
U/X strip index



V/Y strip index

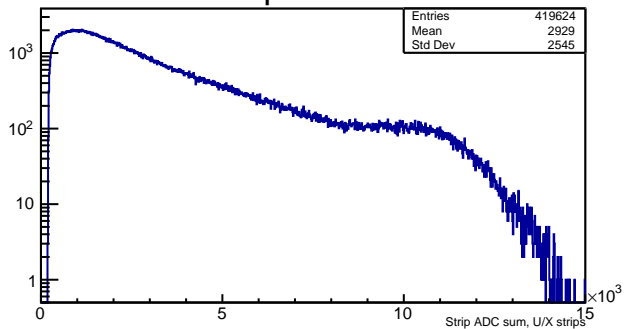


Num fired strips total

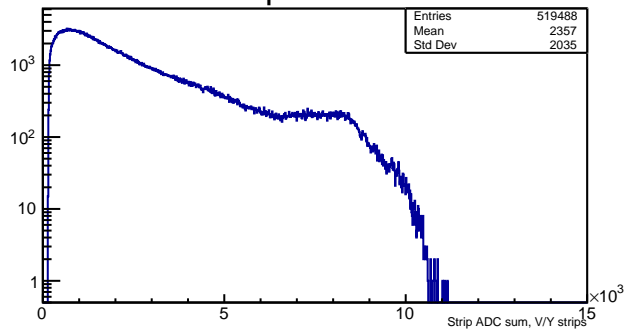


Summary Plots(Run #13450) 43: Module 7 Cluster and Strip Histograms (with tracking)

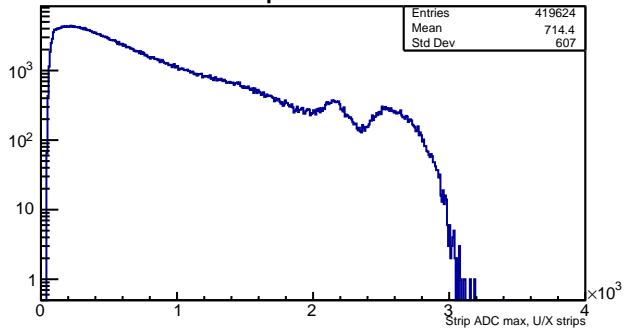
U/X Strip ADC Sum



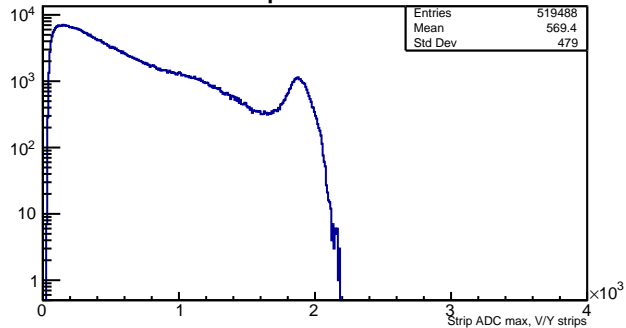
V/Y Strip ADC Sum



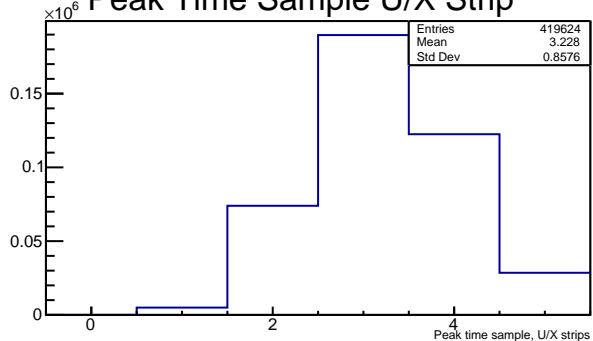
U/X Strip ADC Max



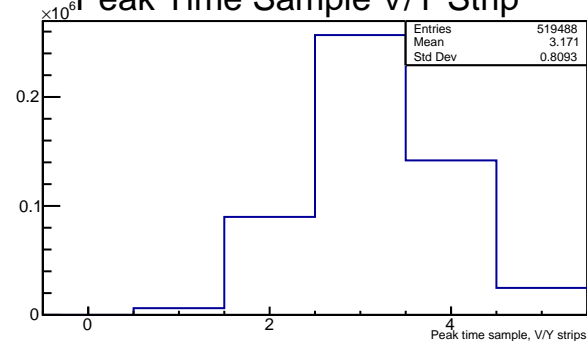
V/Y Strip ADC Max



Peak Time Sample U/X Strip

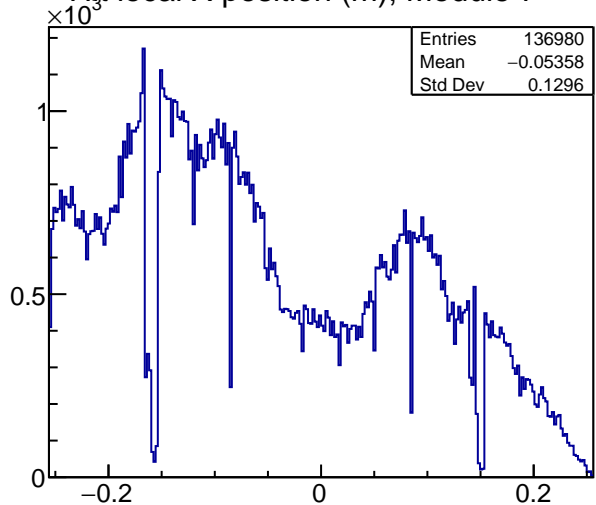


Peak Time Sample V/Y Strip

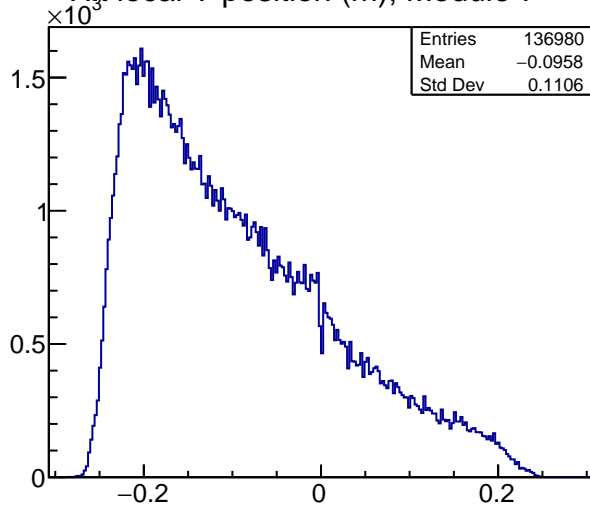


Summary Plots(Run #13450) 44: Module 7 Hit Maps (with tracking)

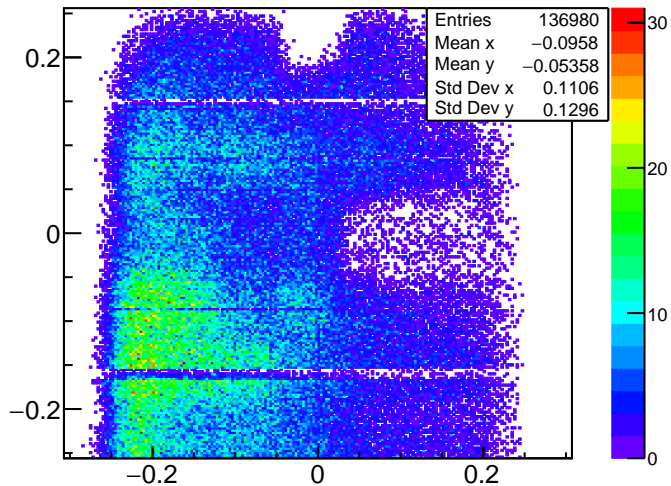
Hit local X position (m), Module 7



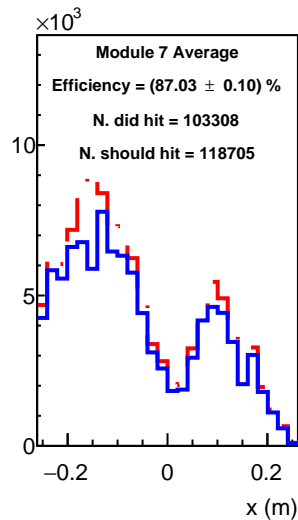
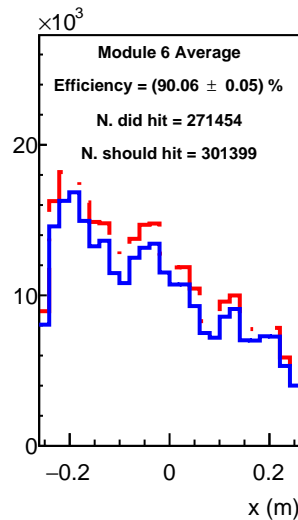
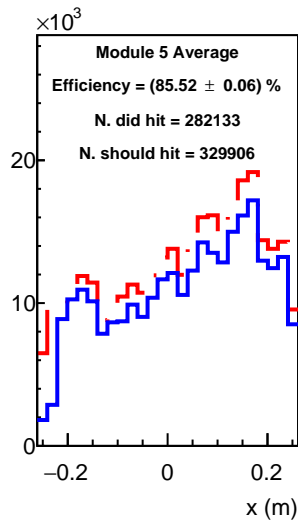
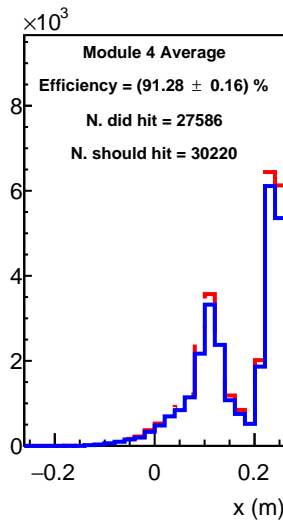
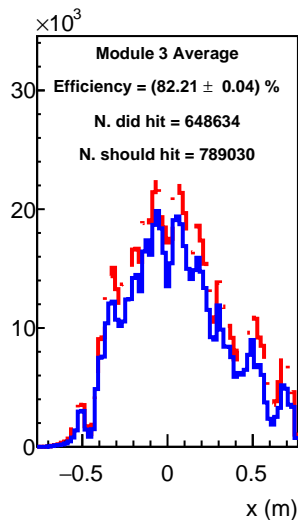
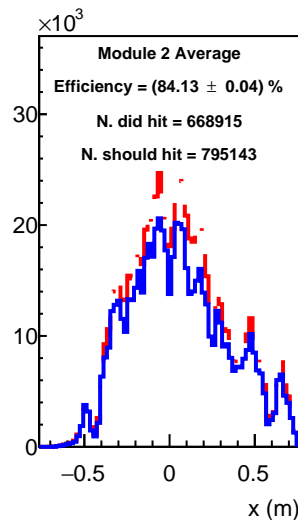
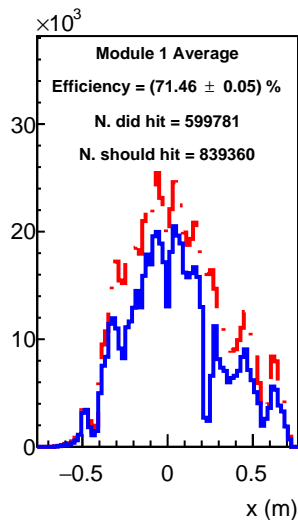
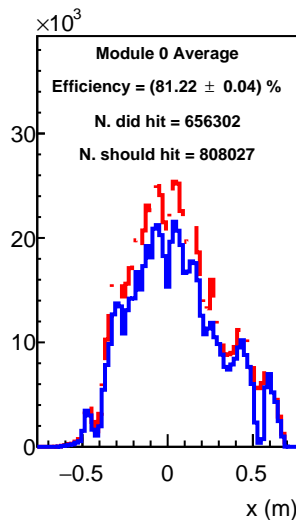
Hit local Y position (m), Module 7



Hit local X vs Y (m), Module 7

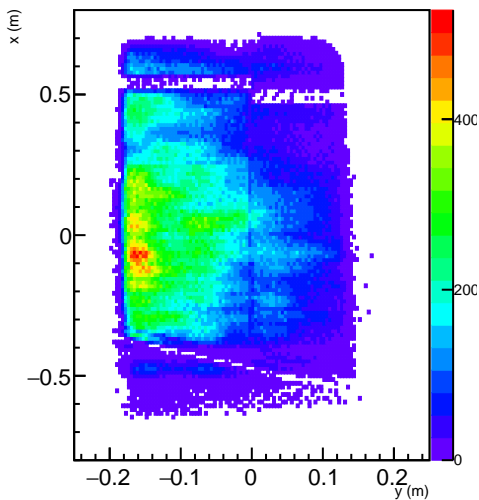


Summary Plots(Run #13450) 45: Module average efficiencies

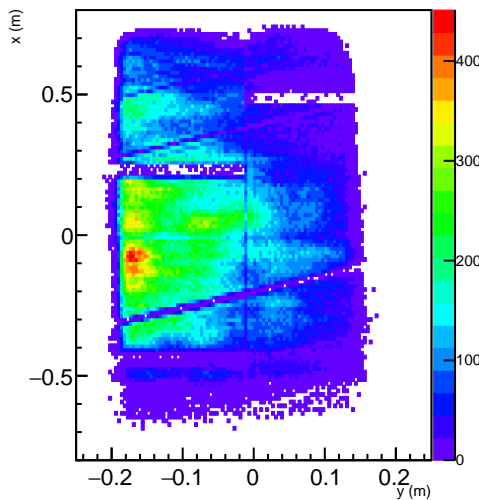


Summary Plots(Run #13450) 46: Layer hit maps on good tracks

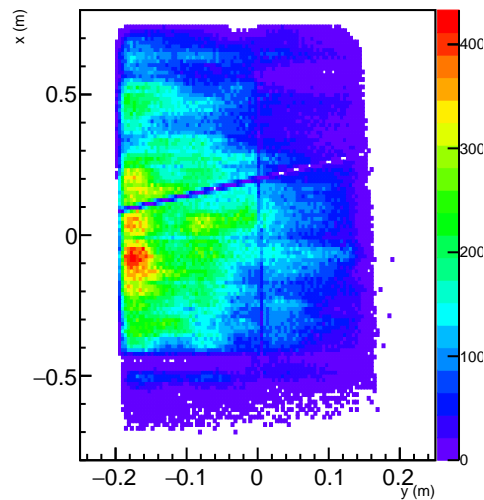
Layer 0



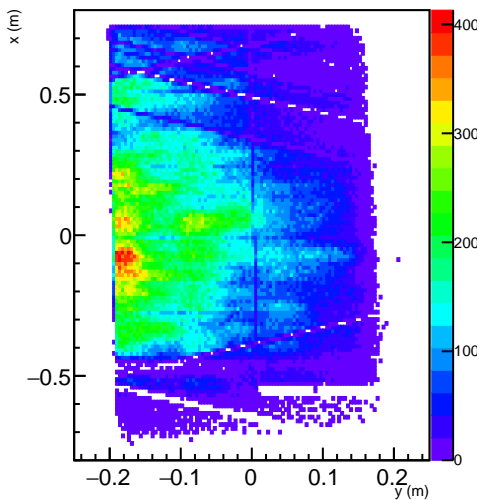
Layer 1



Layer 2



Layer 3



Layer 4

