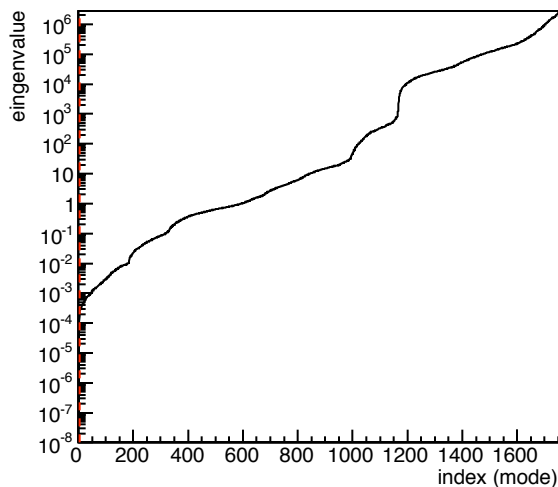


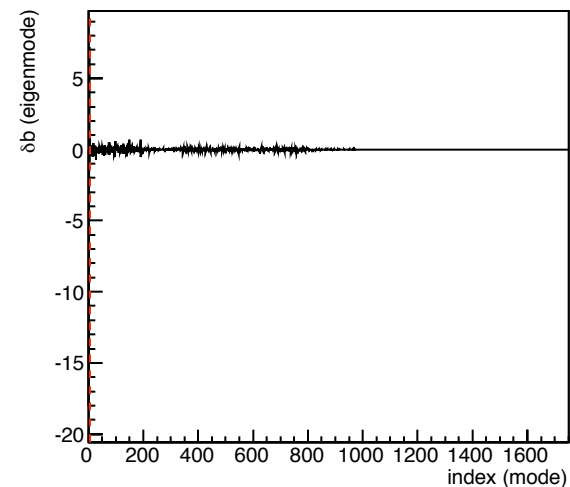
### Solving and Diagonalization information

+ Full Geometry - Cosmics in the Pit (Nominal)  
AlignProcessLevel: 27  
AlignSolveLevel: 3  
HitCut: 150  
Number of aligned parameters: 6  
Number of aligned modules: 292  
- Pixel aligned modules: 114  
- SCT aligned modules: 178  
Number of DoFs: 1752  
ModCut: 6  
SoftModeCut applied

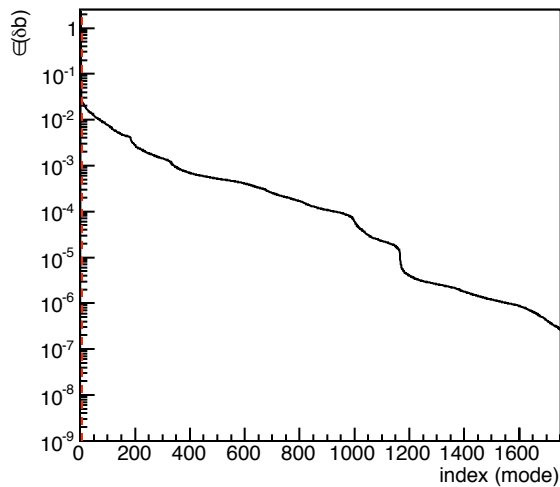
Eigenvalue spectrum



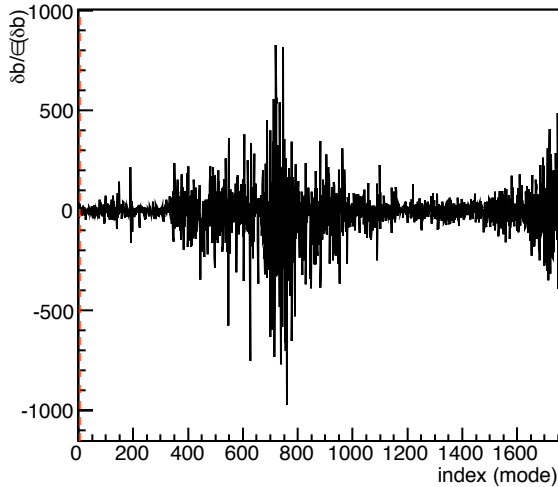
$\delta b$  Vs index (eigenmode Vs mode)



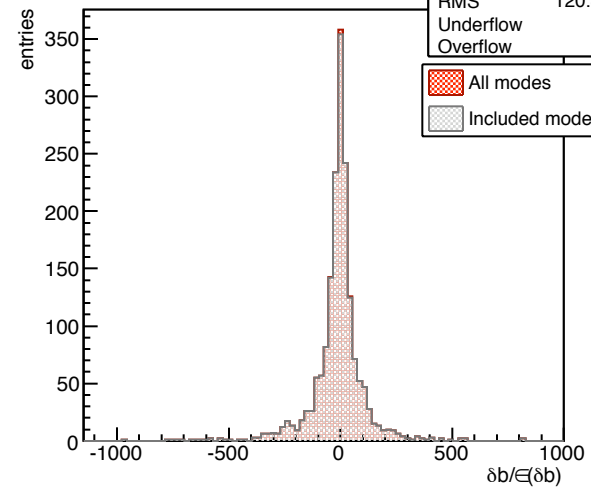
$\epsilon(\delta b)$  spectrum

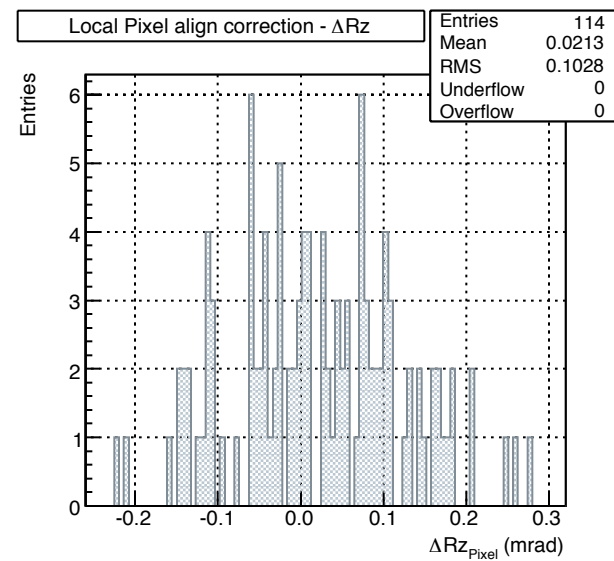
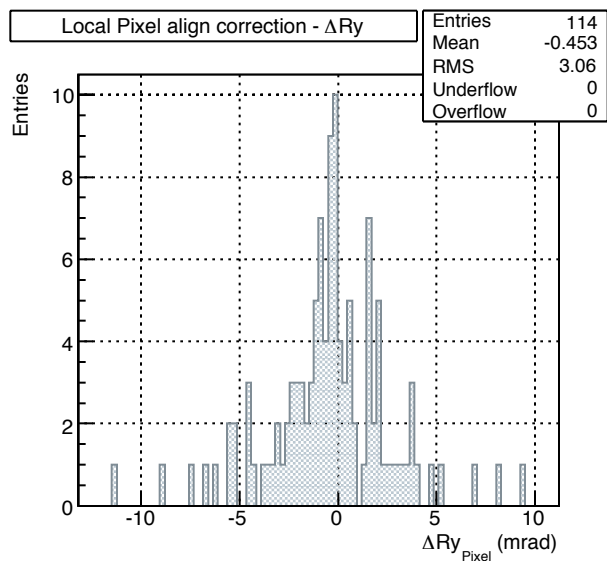
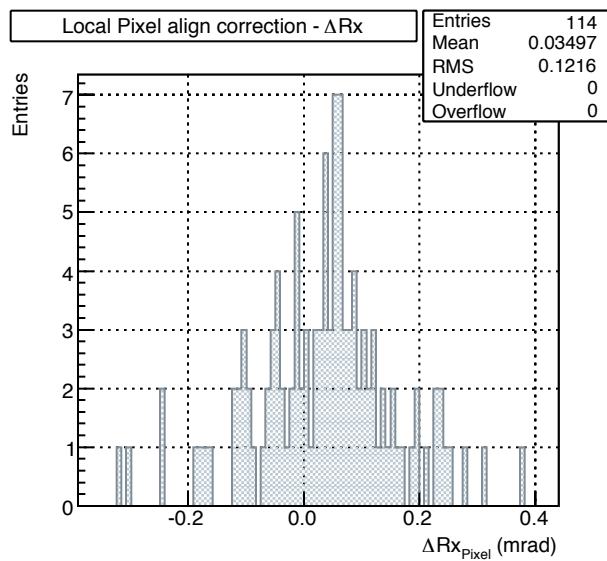
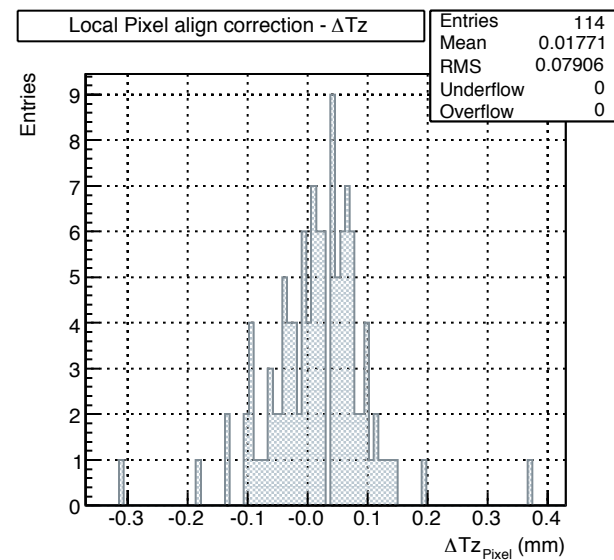
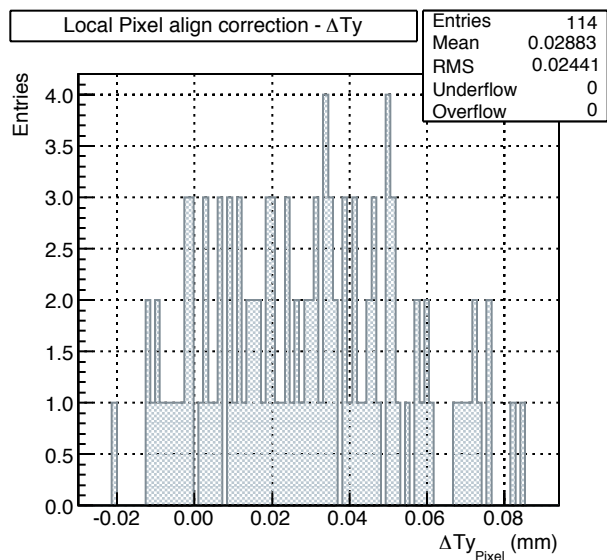
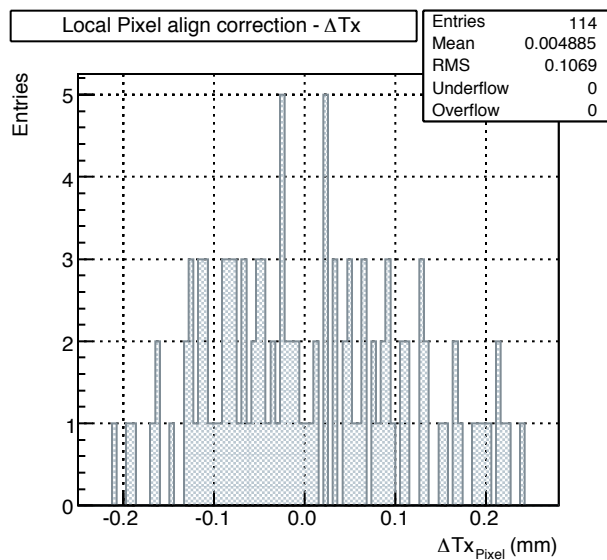


$\delta b / \epsilon(\delta b)$  Vs index (Pull spectrum)

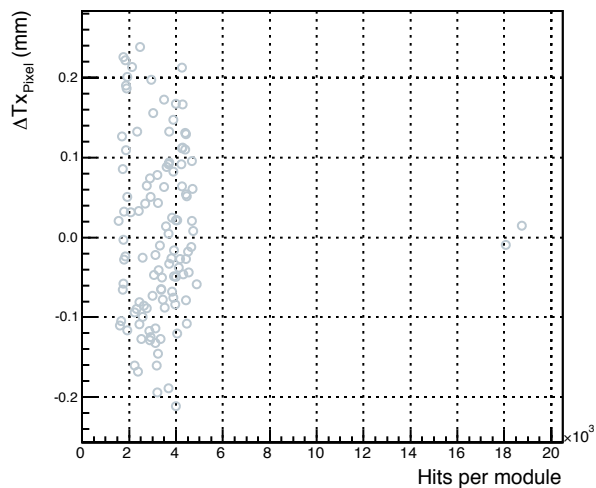


$\delta b / \epsilon(\delta b)$  (eigenmode pulls)

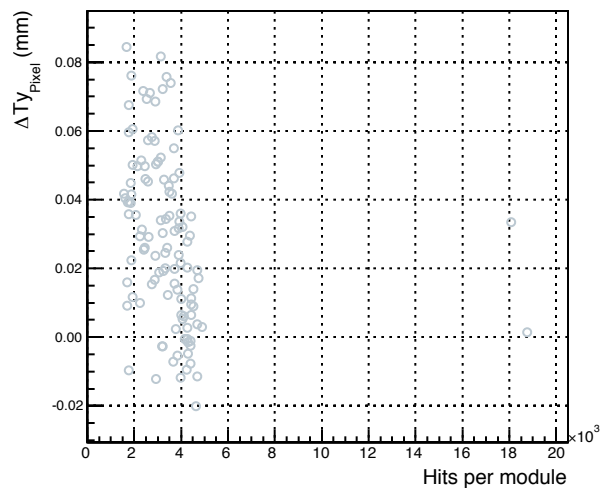




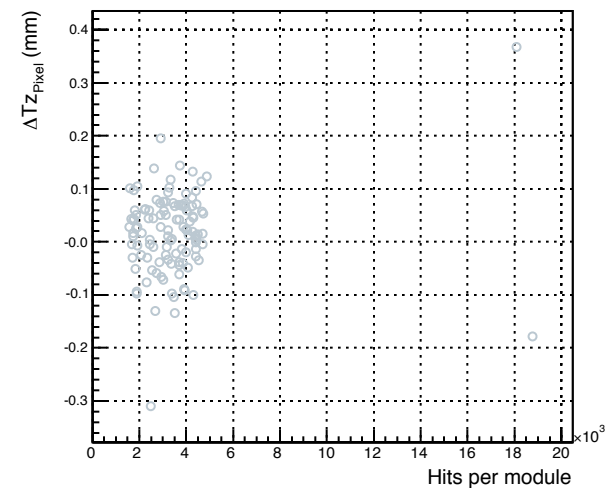
Local Pixel align correction -  $\Delta Tx$  Vs Hits per Module



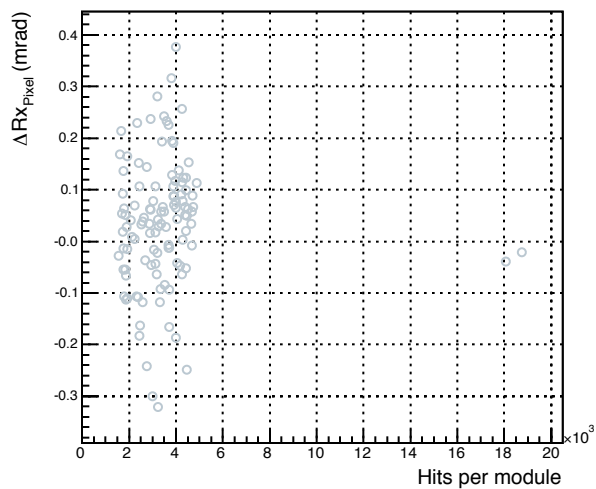
Local Pixel align correction -  $\Delta Ty$  Vs Hits per Module



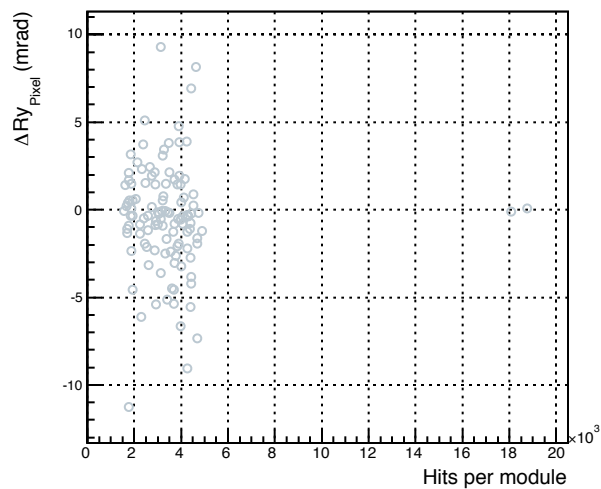
Local Pixel align correction -  $\Delta Tz$  Vs Hits per Module



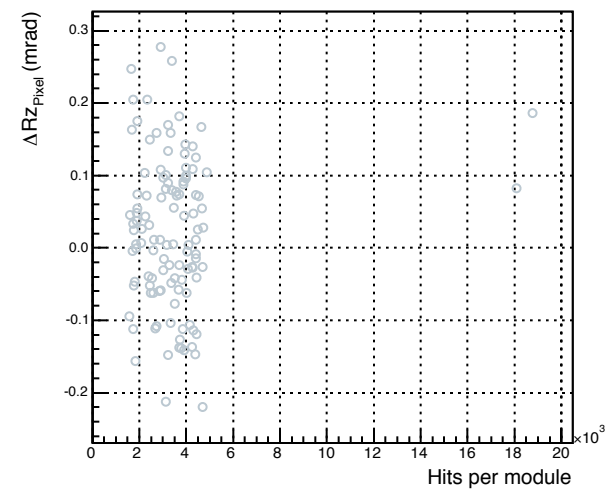
Local Pixel align correction -  $\Delta Rx$  Vs Hits per Module

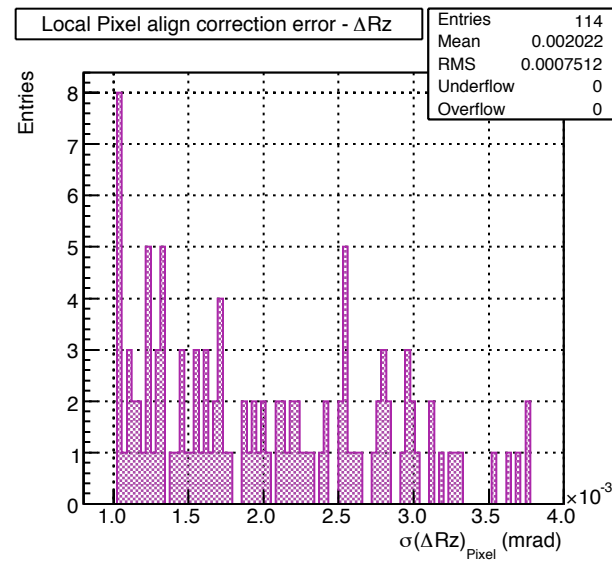
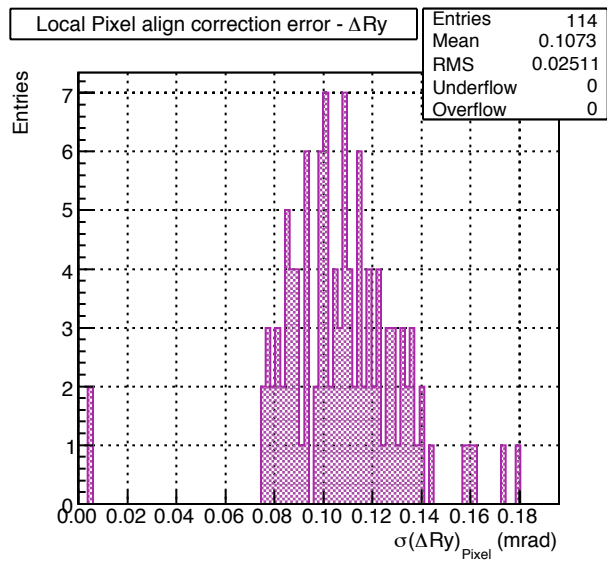
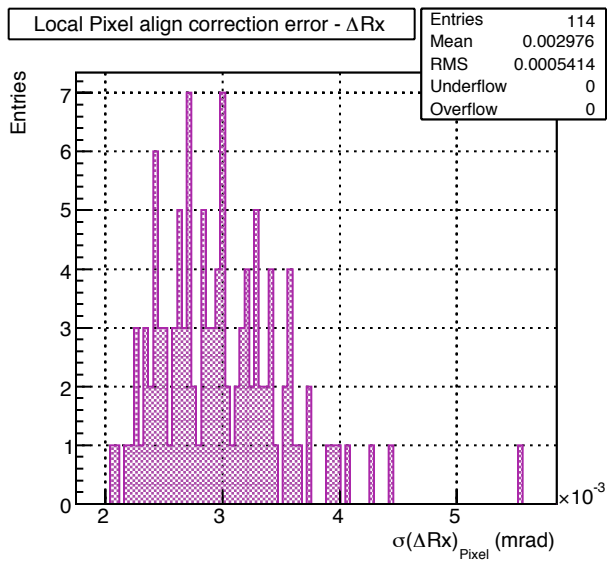
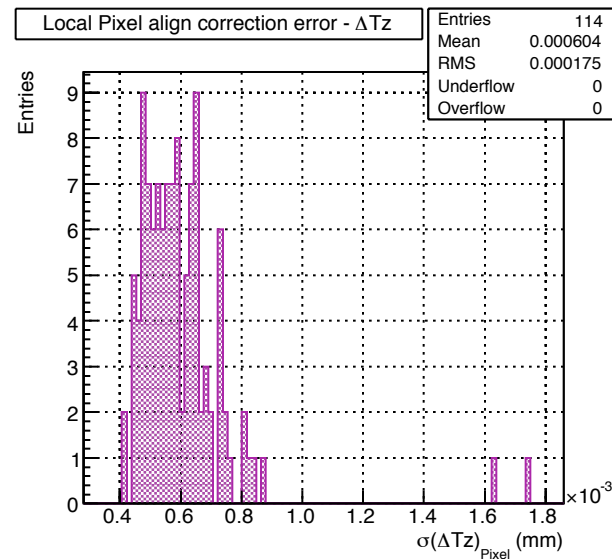
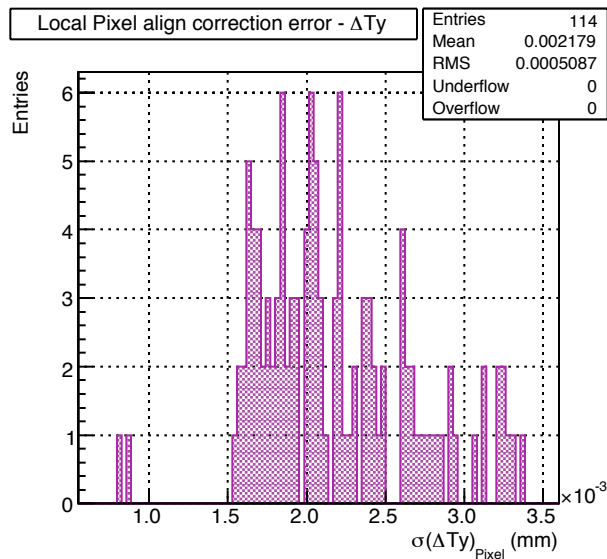
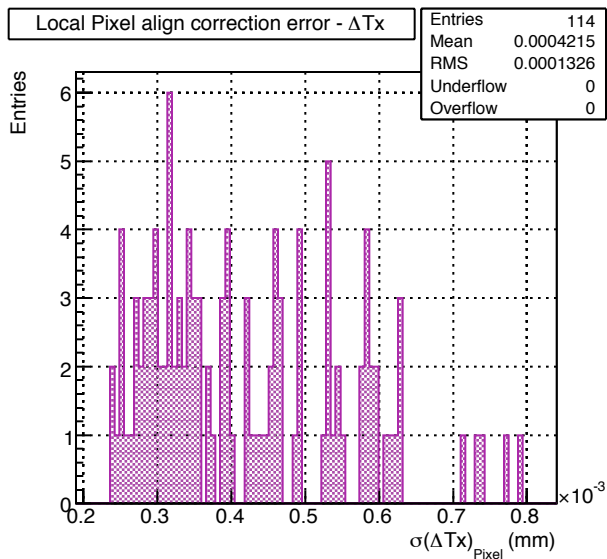


Local Pixel align correction -  $\Delta Ry$  Vs Hits per Module

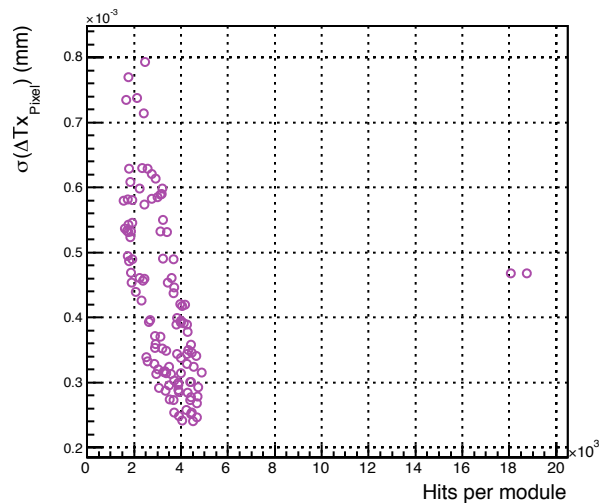


Local Pixel align correction -  $\Delta Rz$  Vs Hits per Module

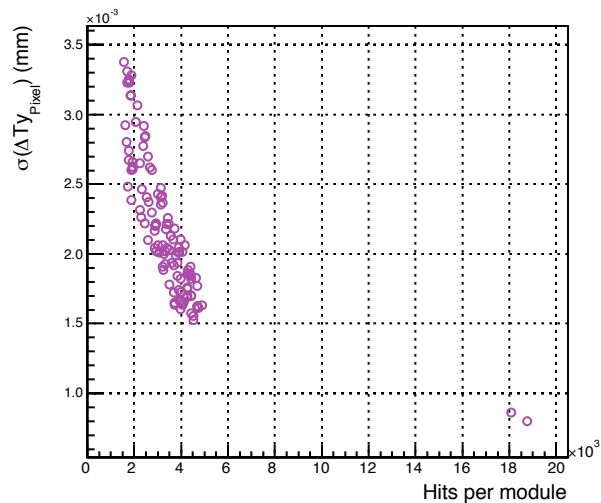




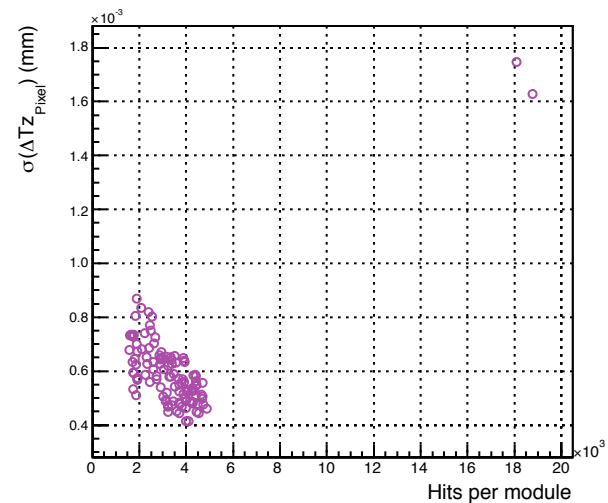
Local Pixel align correction error -  $\sigma(\Delta Tx)$  Vs Hits per Module



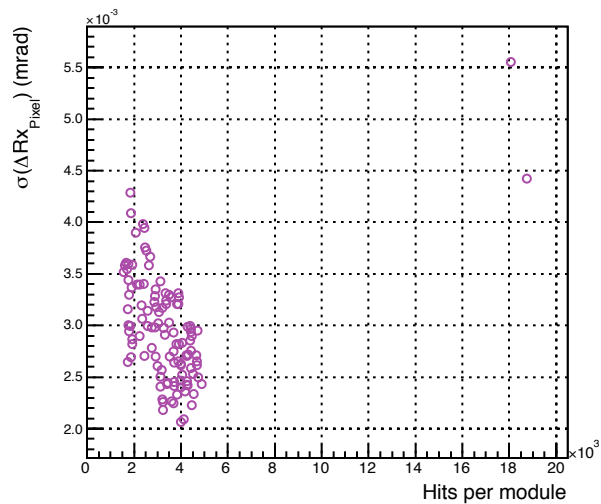
Local Pixel align correction error -  $\sigma(\Delta Ty)$  Vs Hits per Module



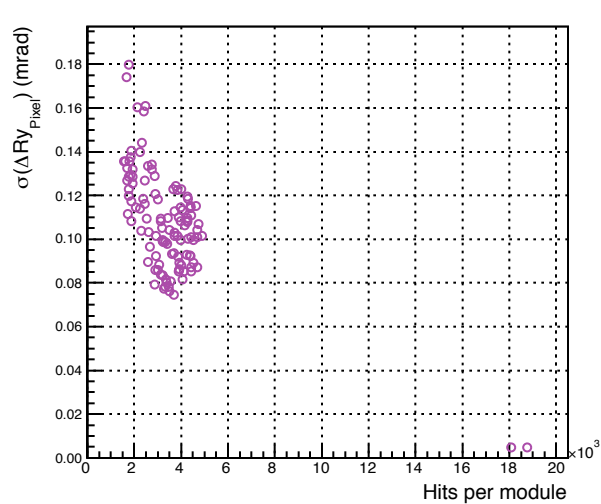
Local Pixel align correction error -  $\sigma(\Delta Tz)$  Vs Hits per Module



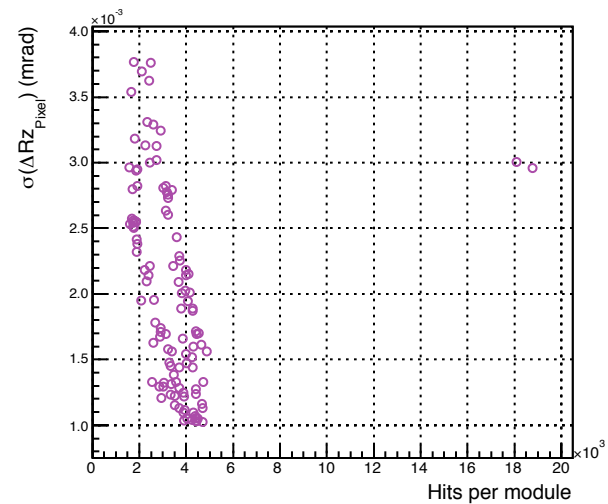
Local Pixel align correction error -  $\sigma(\Delta Rx)$  Vs Hits per Module

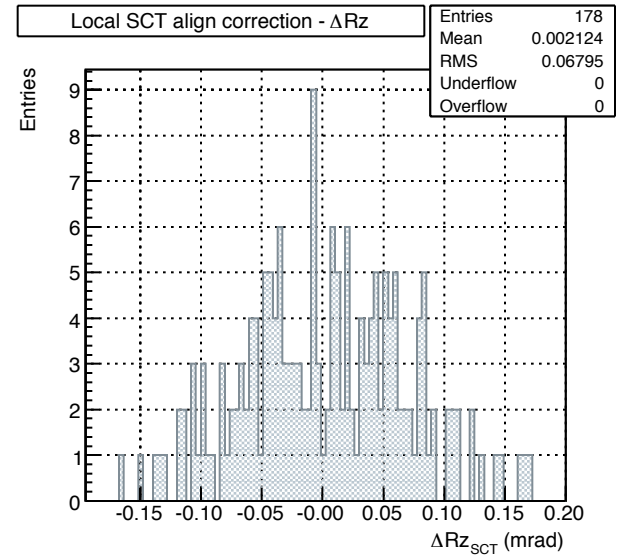
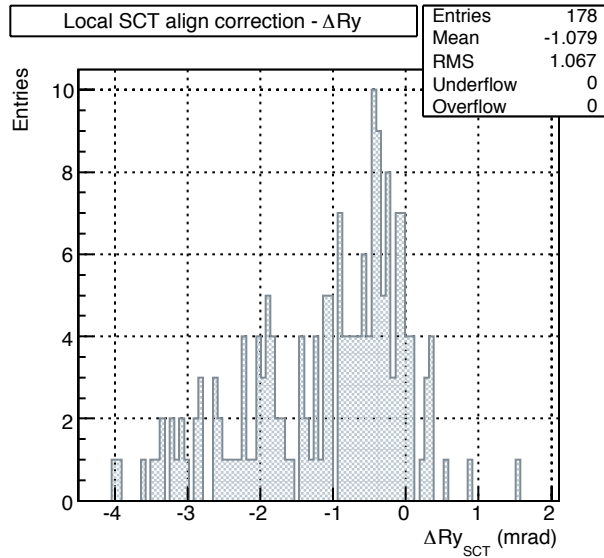
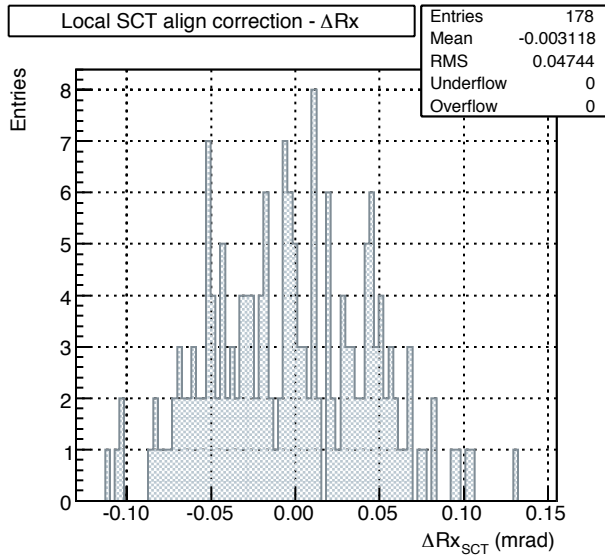
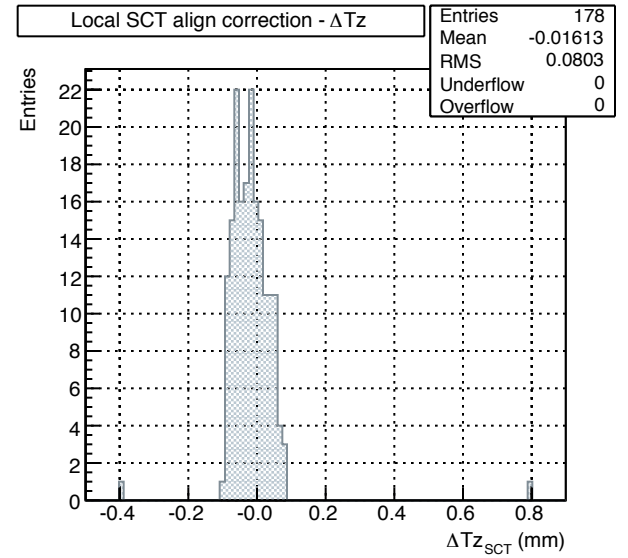
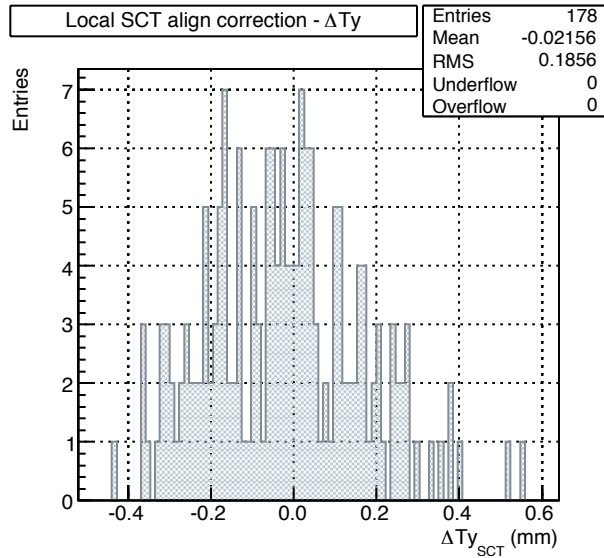
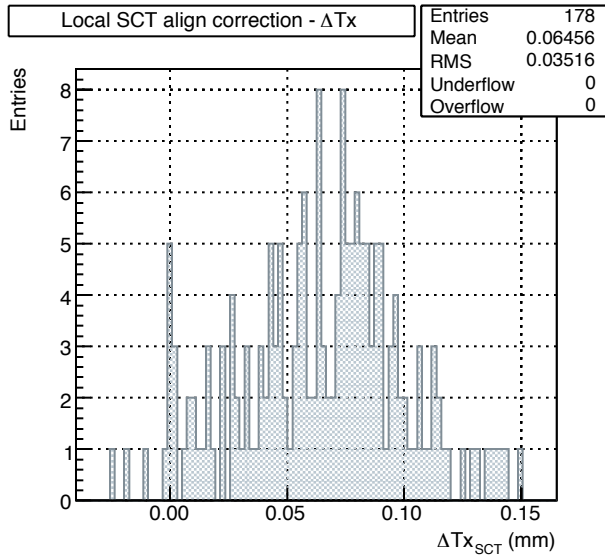


Local Pixel align correction error -  $\sigma(\Delta Ry)$  Vs Hits per Module

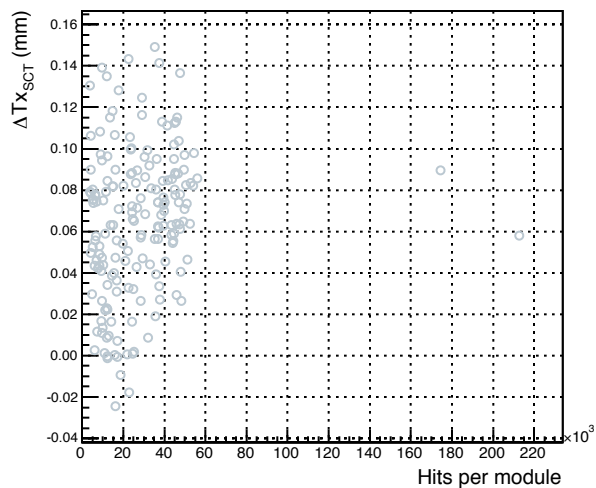


Local Pixel align correction error -  $\sigma(\Delta Rz)$  Vs Hits per Module

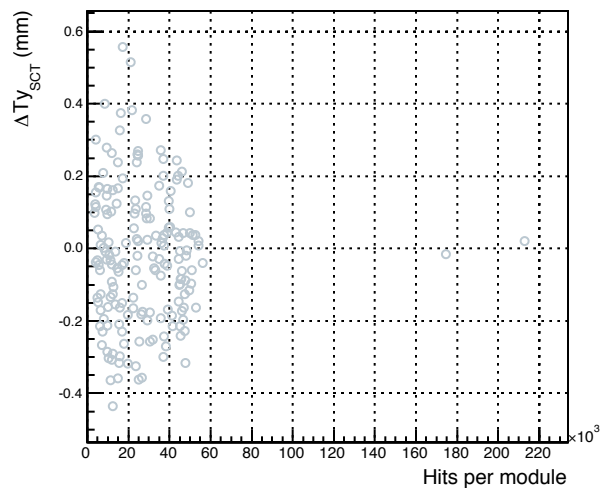




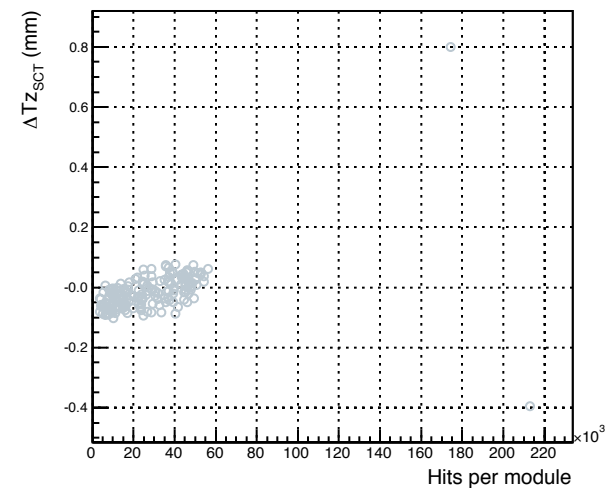
Local SCT align correction -  $\Delta Tx$  Vs Hits per Module



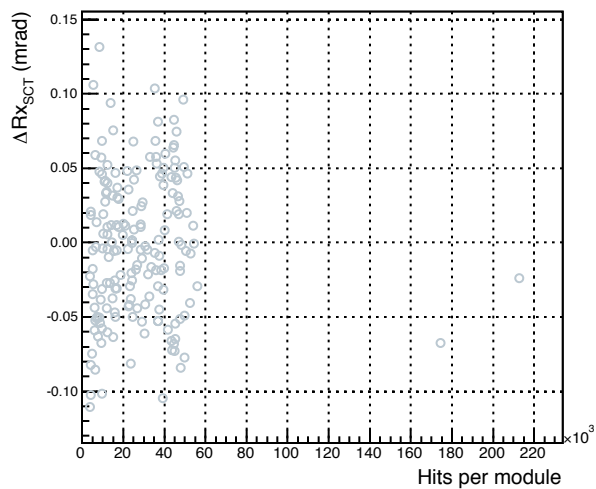
Local SCT align correction -  $\Delta Ty$  Vs Hits per Module



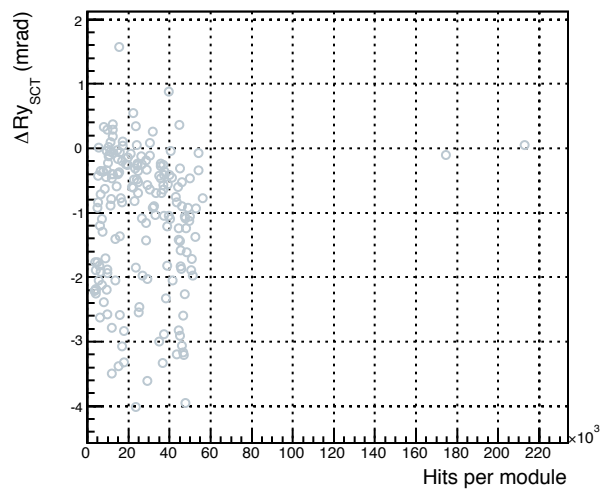
Local SCT align correction -  $\Delta Tz$  Vs Hits per Module



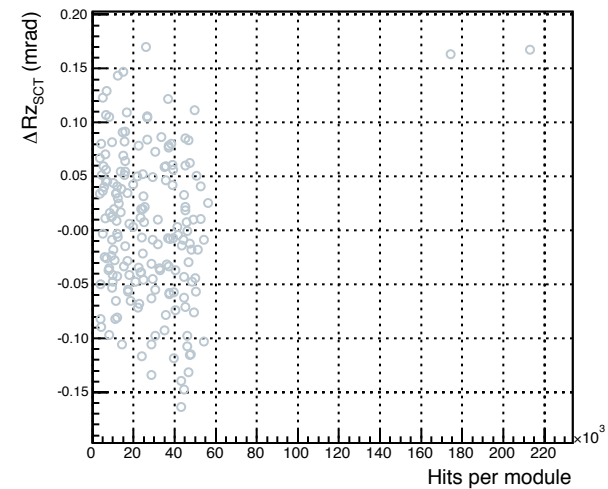
Local SCT align correction -  $\Delta Rx$  Vs Hits per Module

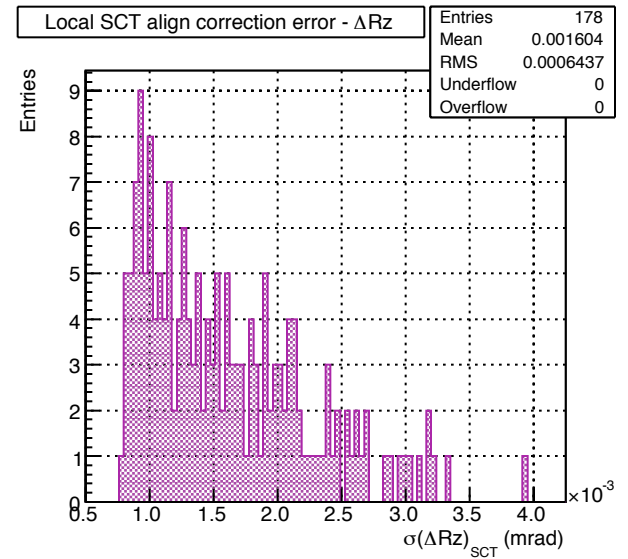
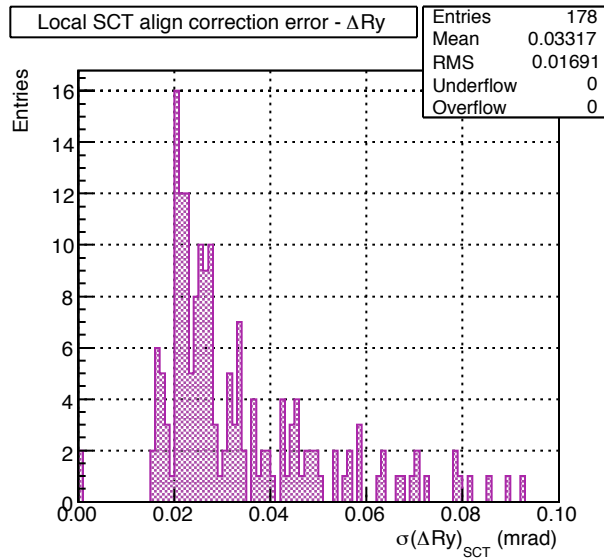
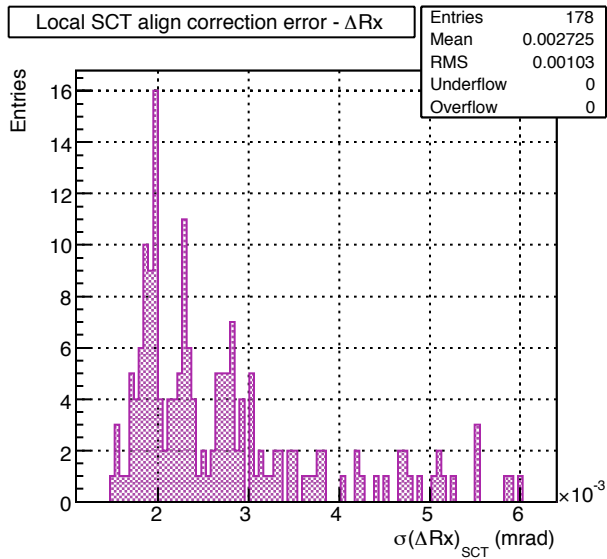
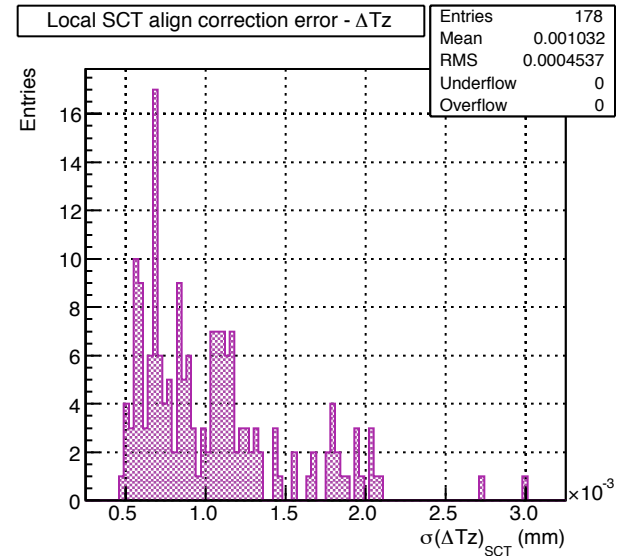
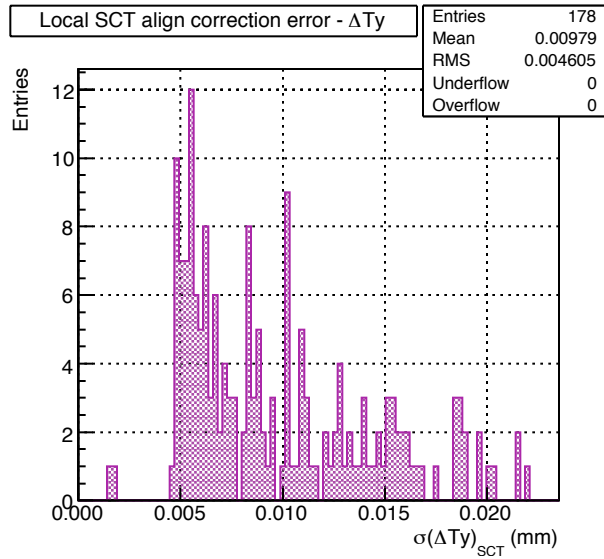
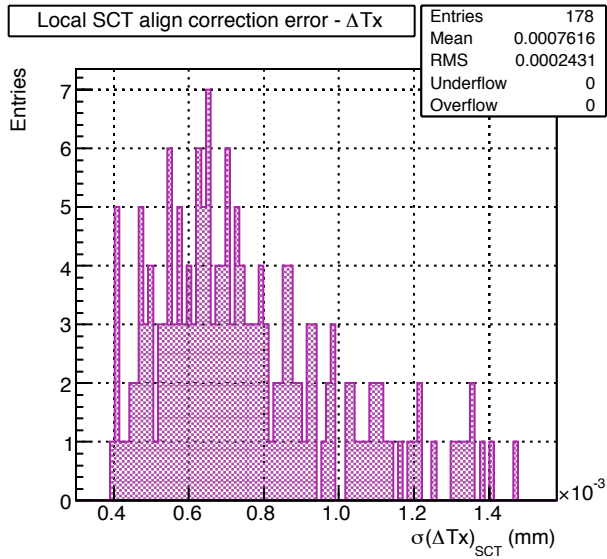


Local SCT align correction -  $\Delta Ry$  Vs Hits per Module



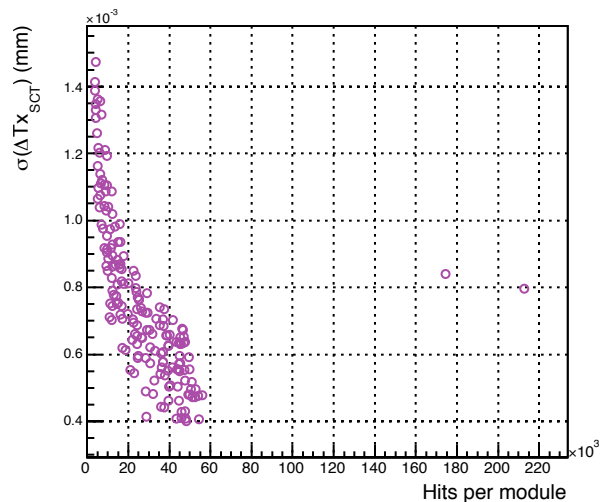
Local SCT align correction -  $\Delta Rz$  Vs Hits per Module



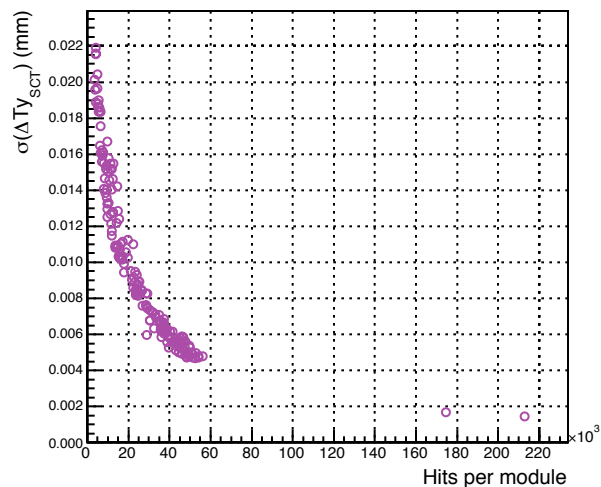




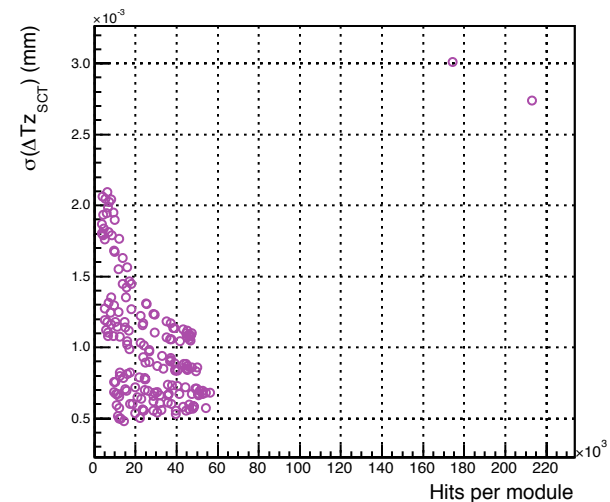
Local SCT align correction error -  $\sigma(\Delta Tx)$  Vs Hits per Module



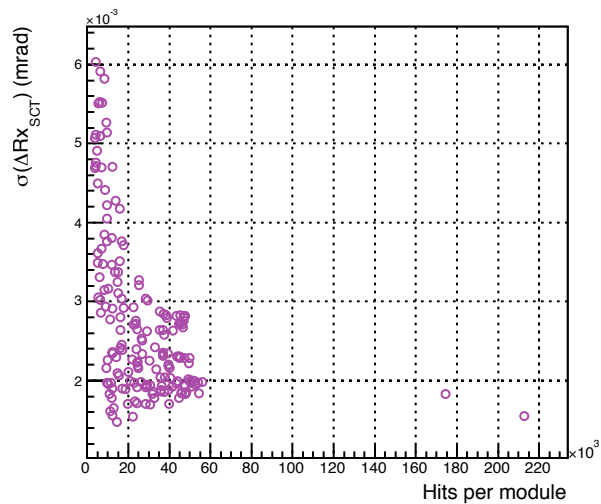
Local SCT align correction error -  $\sigma(\Delta Ty)$  Vs Hits per Module



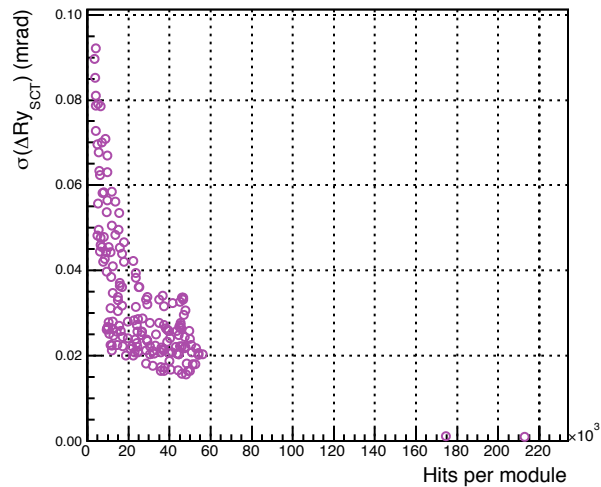
Local SCT align correction error -  $\sigma(\Delta Tz)$  Vs Hits per Module



Local SCT align correction error -  $\sigma(\Delta Rx)$  Vs Hits per Module



Local SCT align correction error -  $\sigma(\Delta Ry)$  Vs Hits per Module



Local SCT align correction error -  $\sigma(\Delta Rz)$  Vs Hits per Module

