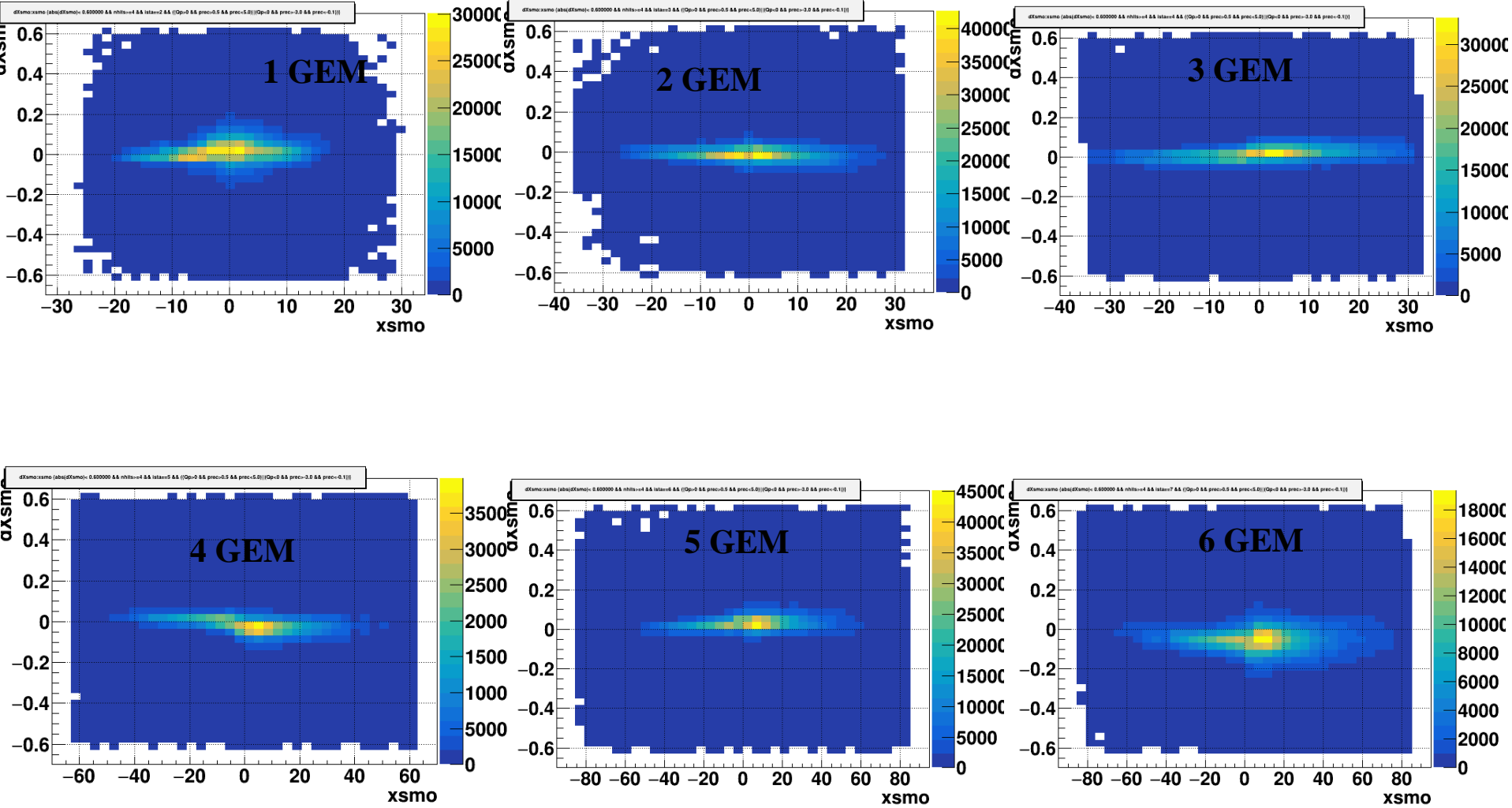


**Run6 MC residuals study,  
Ksenia Alishina**

# MC dxsmo/xsmo per station per station (all tracks)



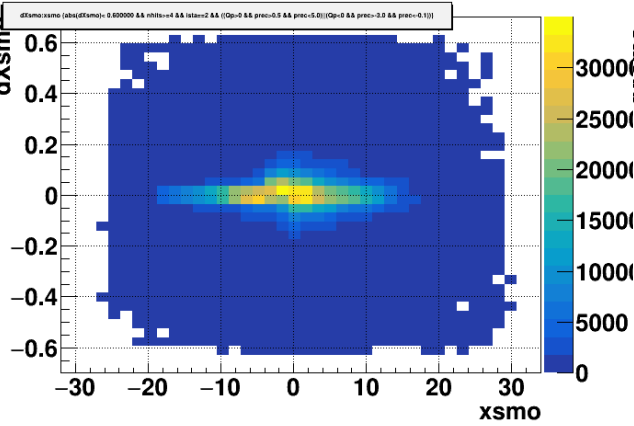
## Before correction



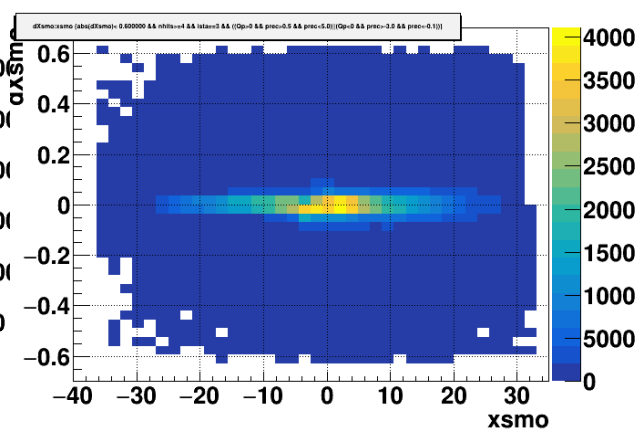
# MC dxsmo/xsmo per station per station (all tracks) correction



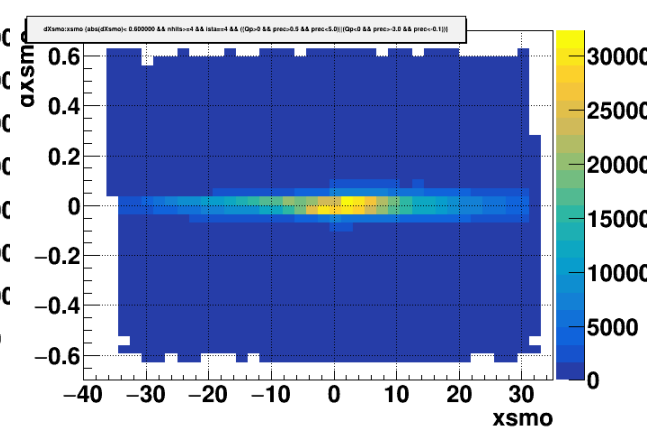
### 1 GEM



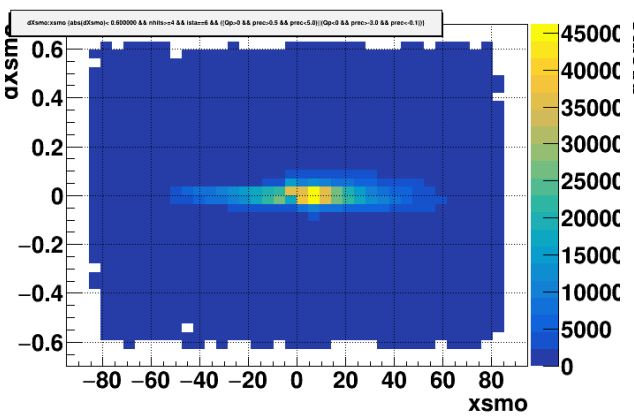
### 2 GEM



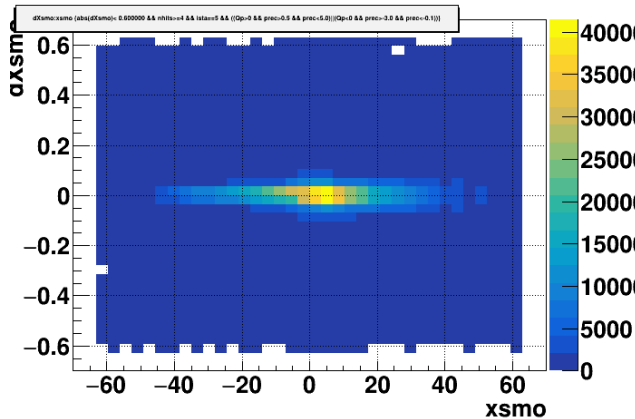
### 3 GEM



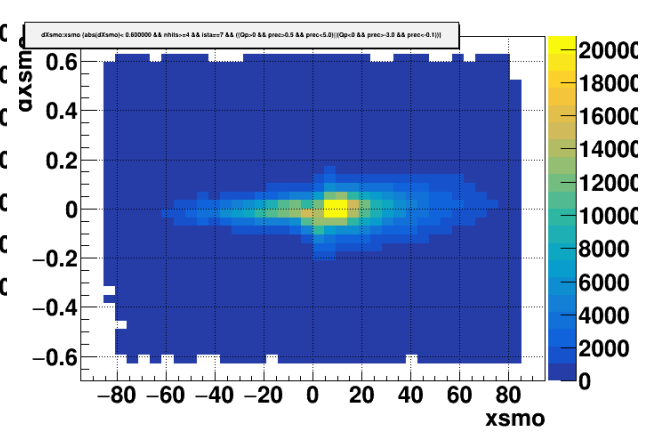
### 4 GEM



### 5 GEM



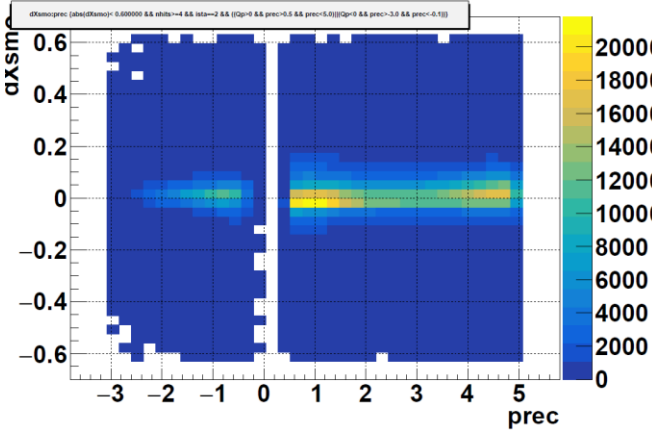
### 6 GEM



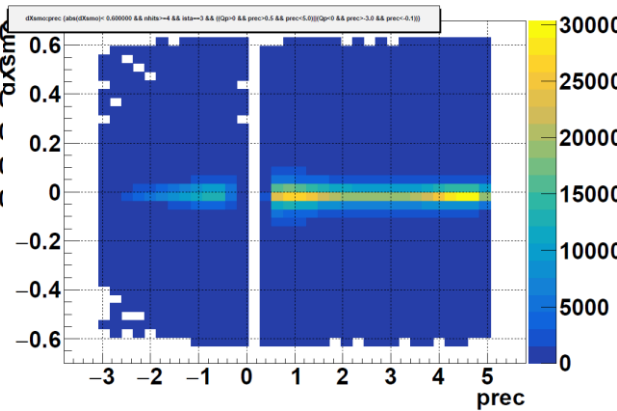
# MC dxsmo/prec per station per station (all tracks) before correction



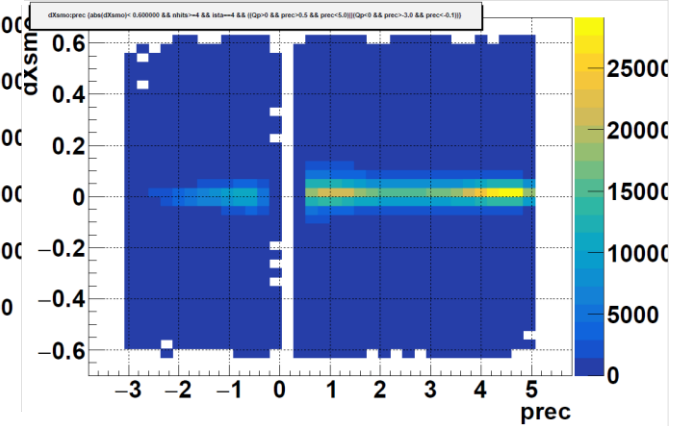
### 1 GEM



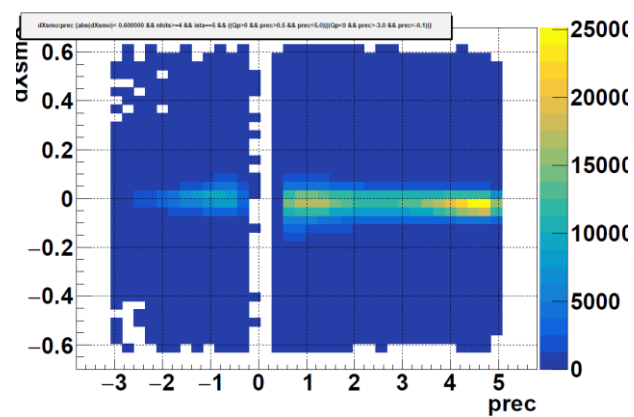
### 2 GEM



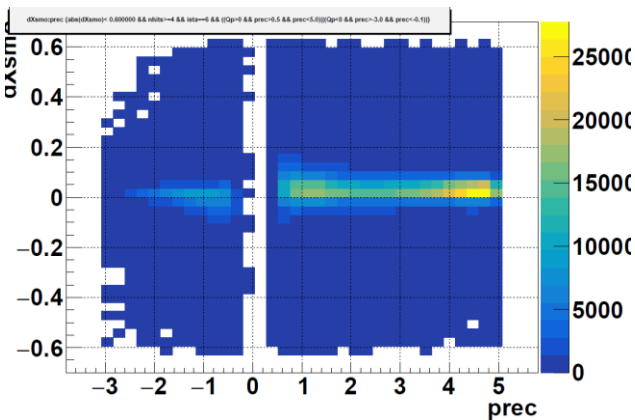
### 3 GEM



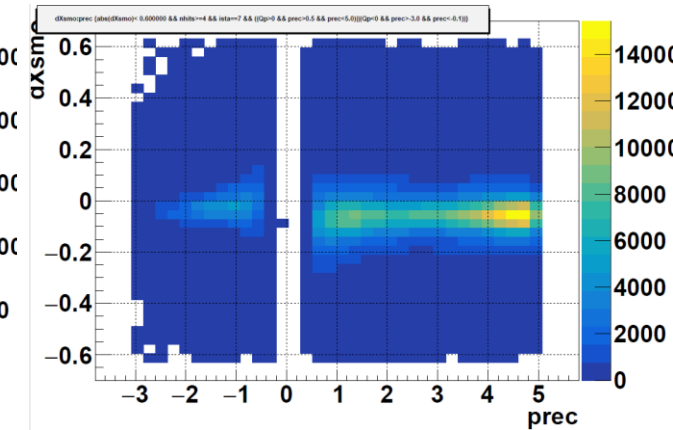
### 4 GEM



### 5 GEM



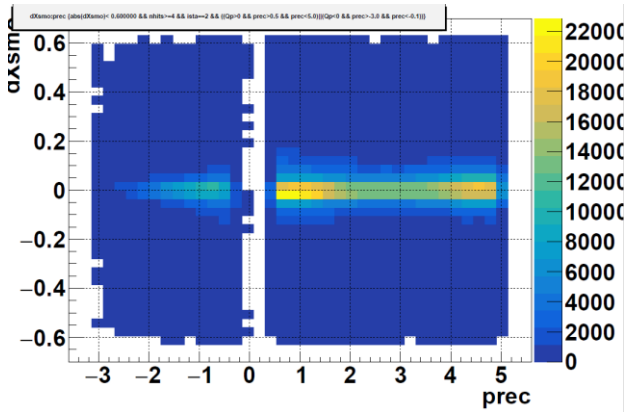
### 6 GEM



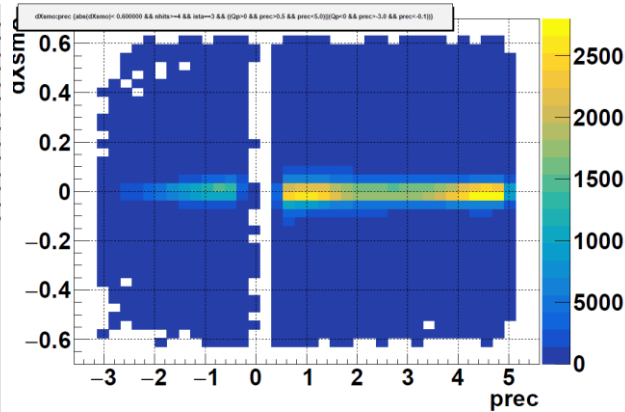
# MC dxsmo/prec per station per station (all tracks) correction



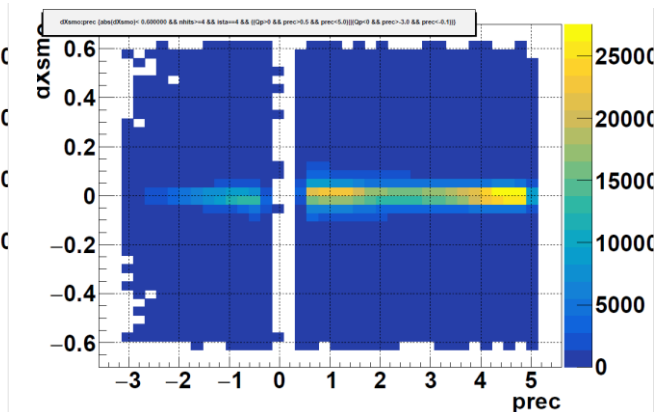
### 1 GEM



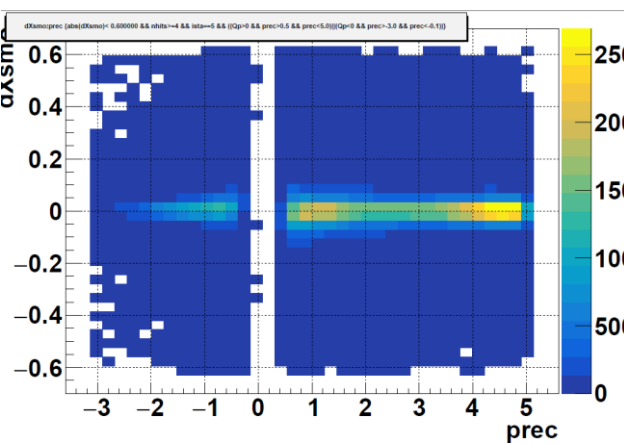
### 2 GEM



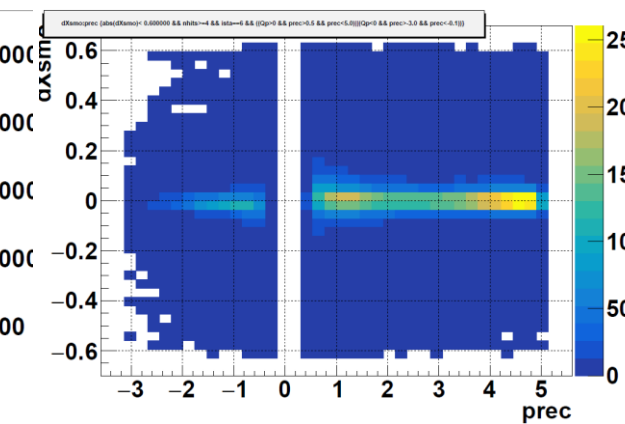
### 3 GEM



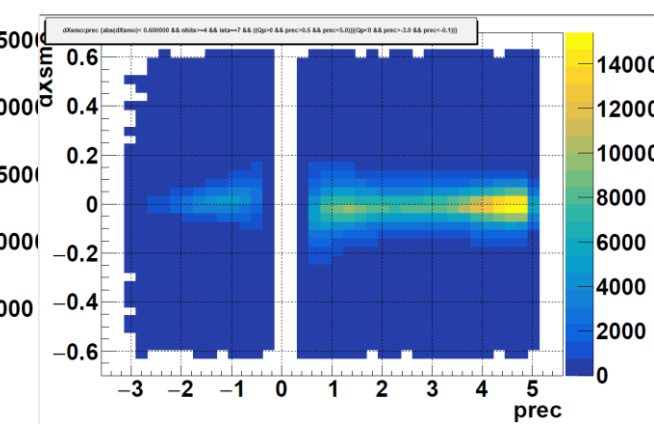
### 4 GEM



### 5 GEM



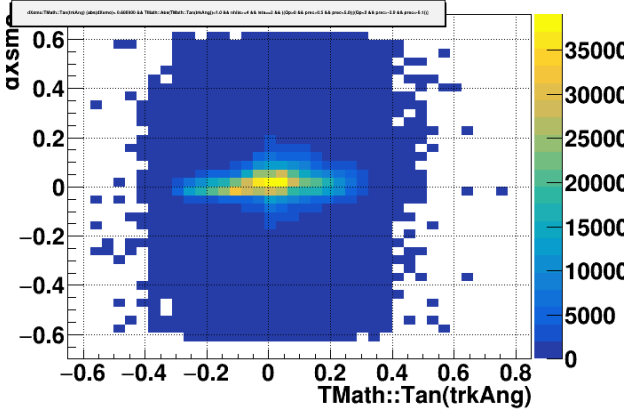
### 6 GEM



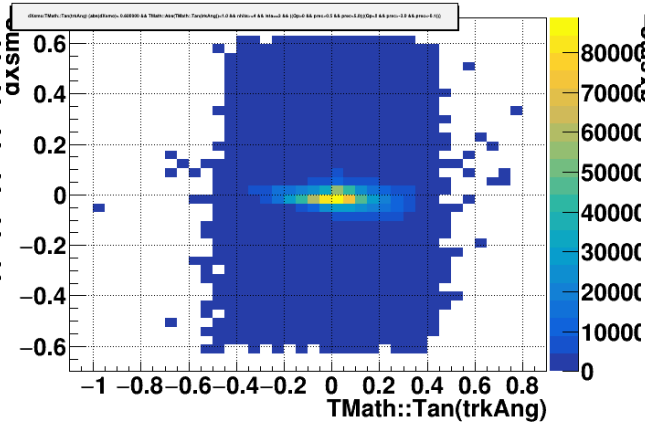
# MC dxsmo/tx per station per station (all tracks) before correction



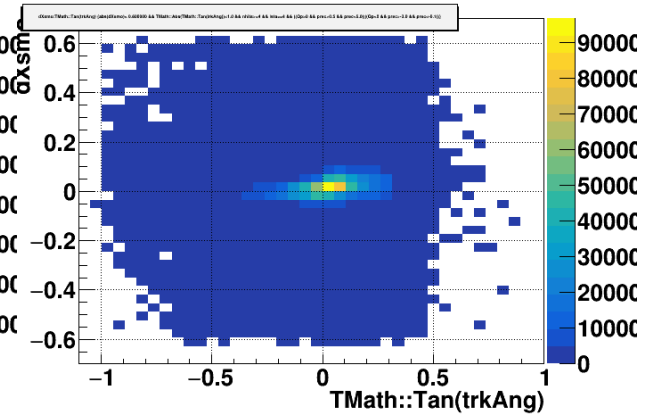
### 1 GEM



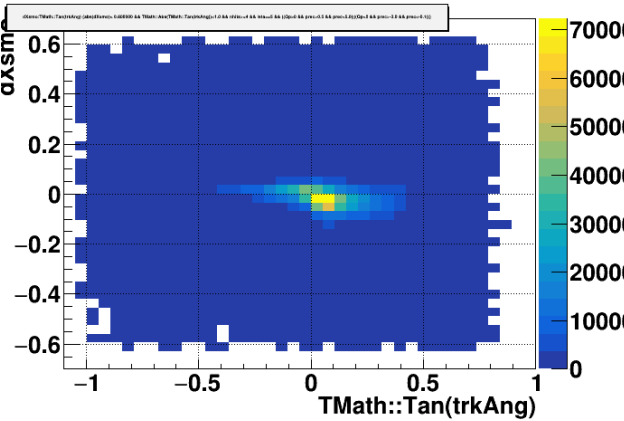
### 2 GEM



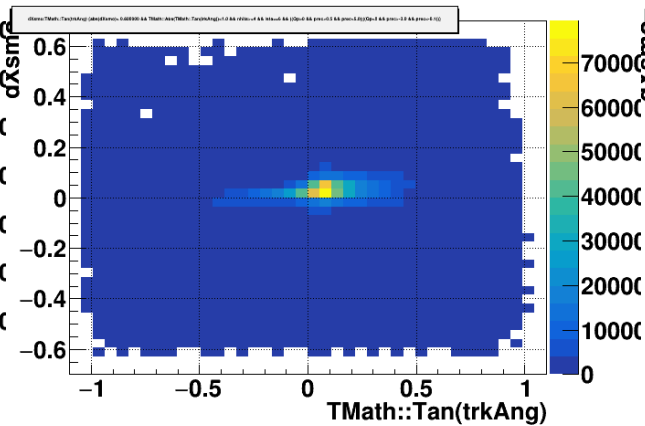
### 3 GEM



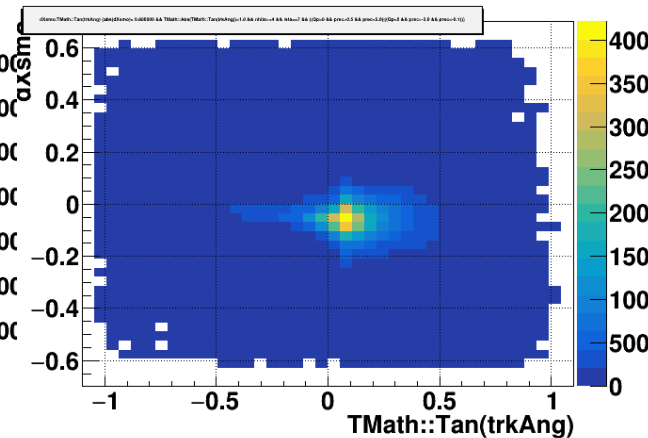
### 4 GEM



### 5 GEM



### 6 GEM

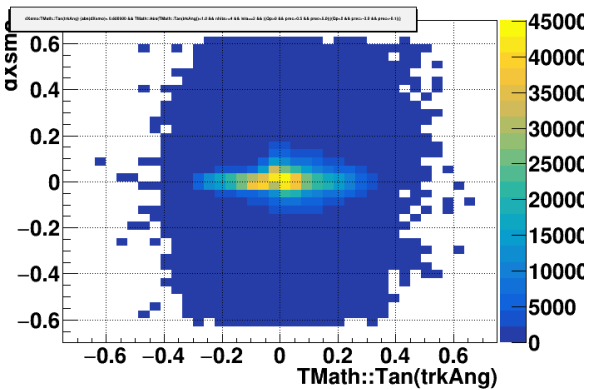




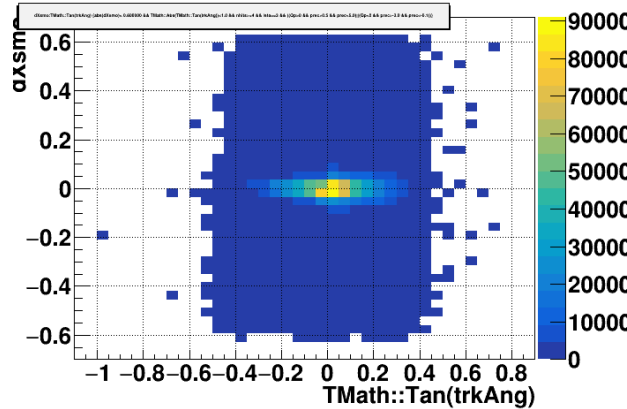
# MC dxsmo/tx per station per station (all tracks) correction



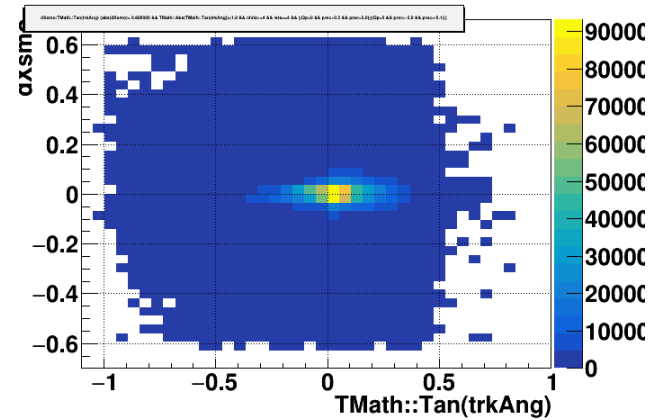
### 1 GEM



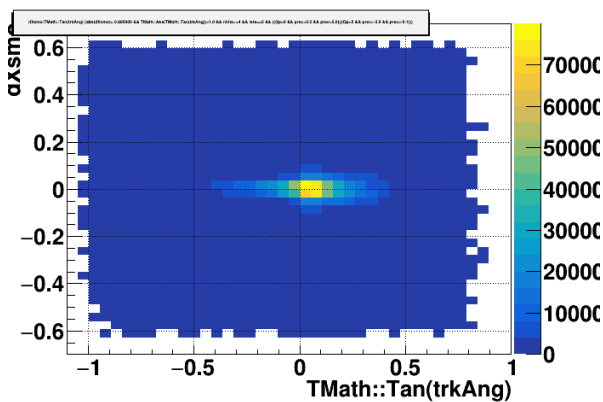
### 2 GEM



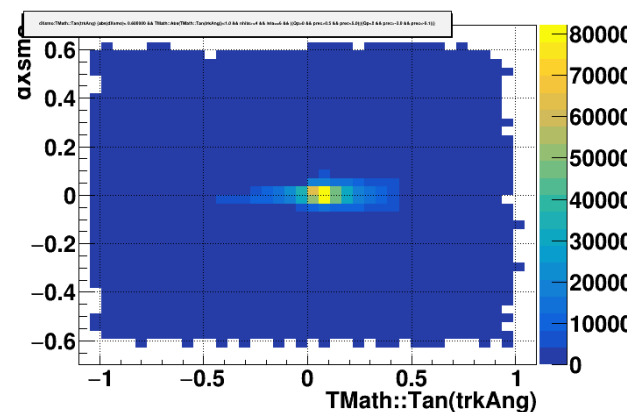
### 3 GEM



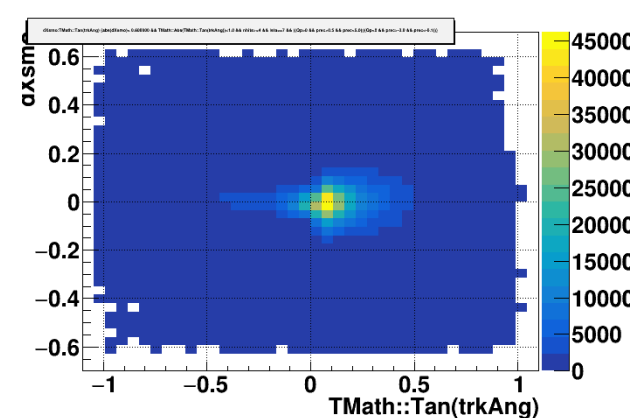
### 4 GEM



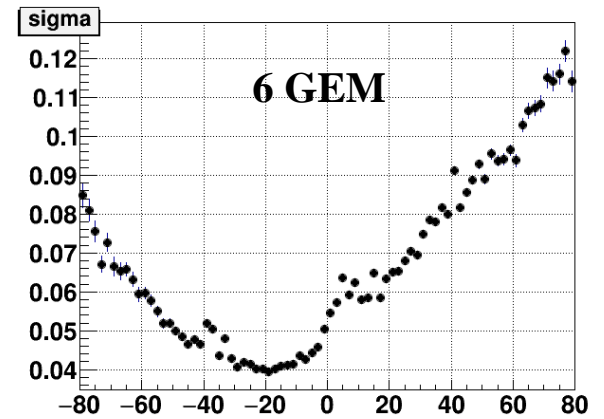
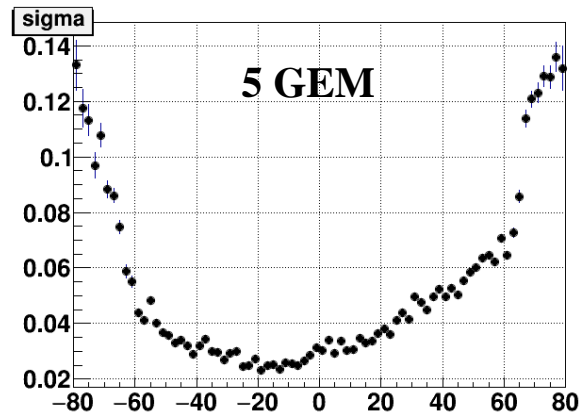
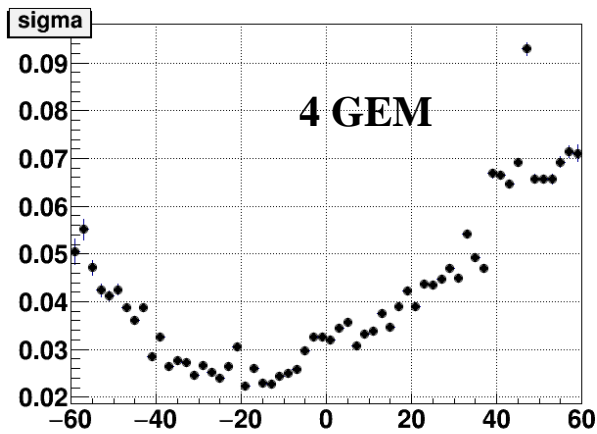
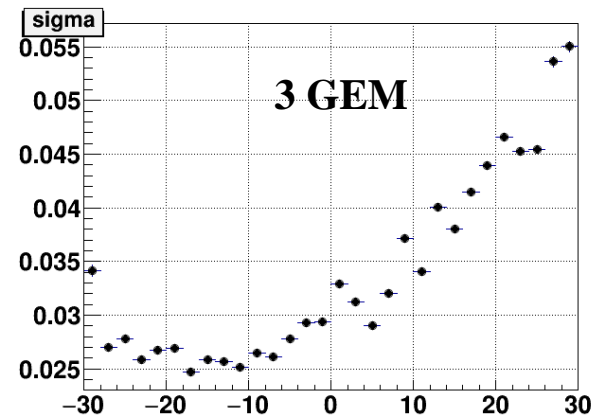
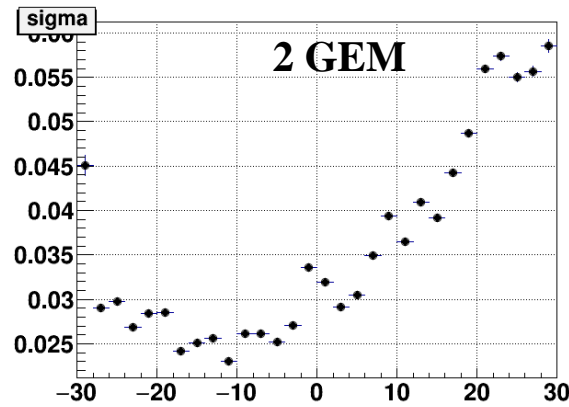
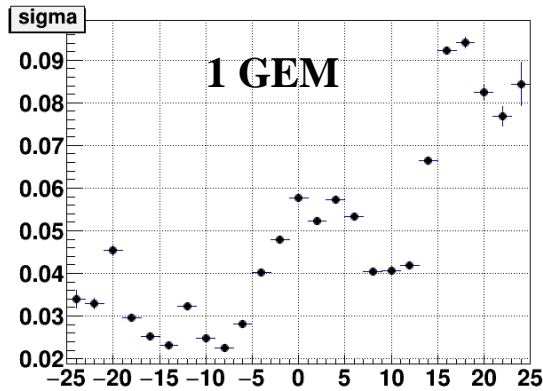
### 5 GEM



### 6 GEM

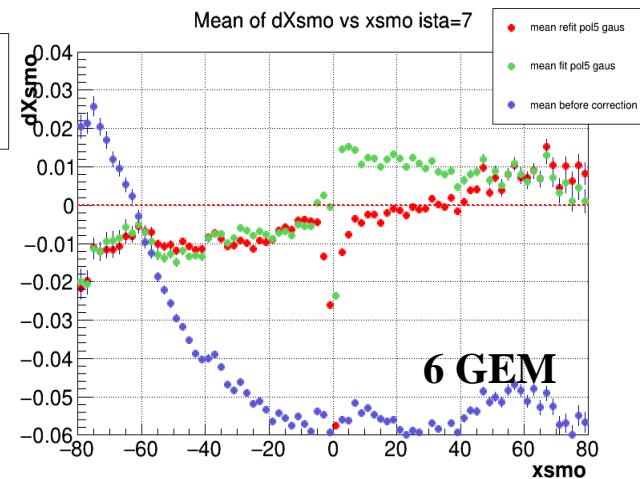
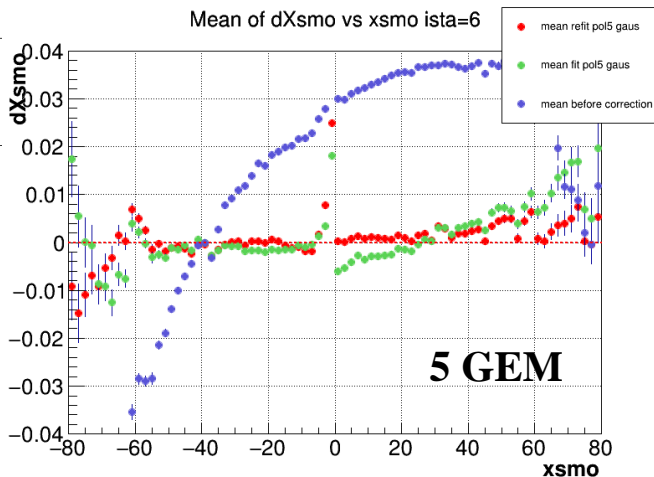
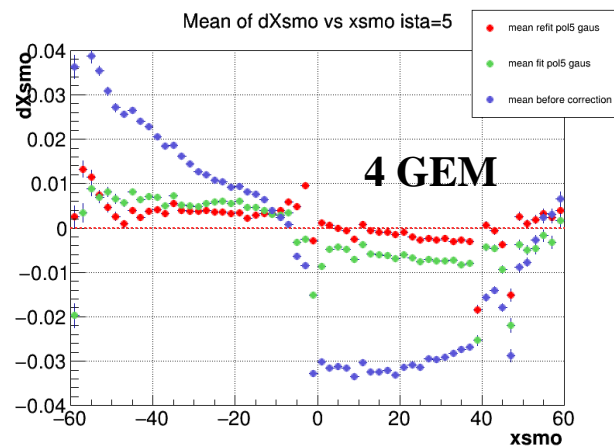
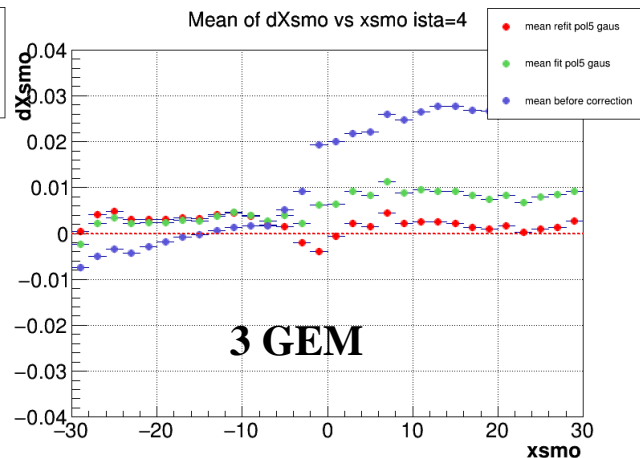
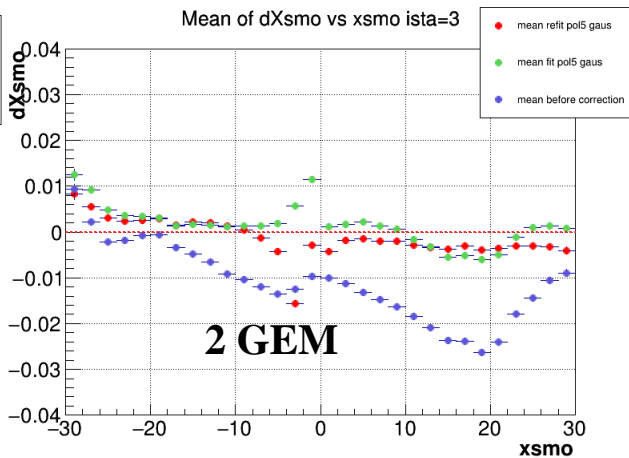
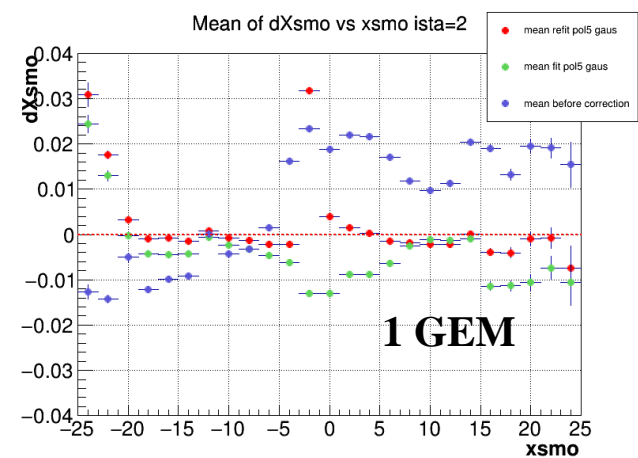


# MC sigma per station per station (all tracks)



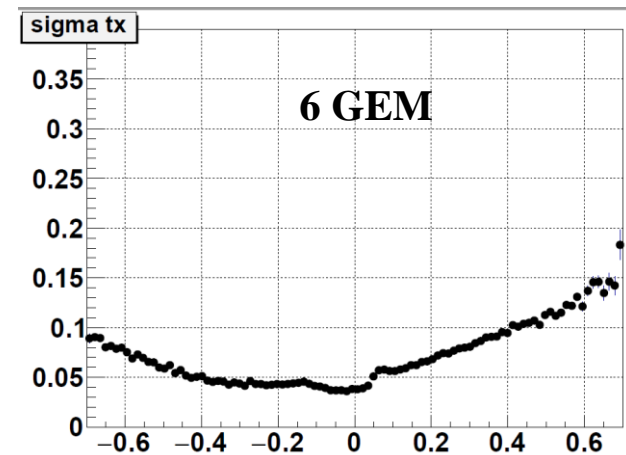
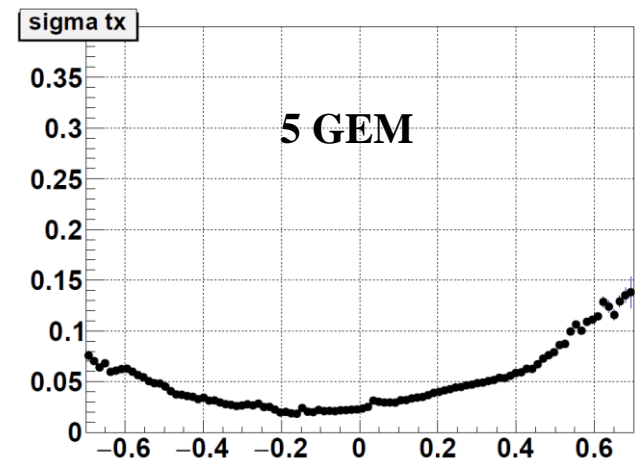
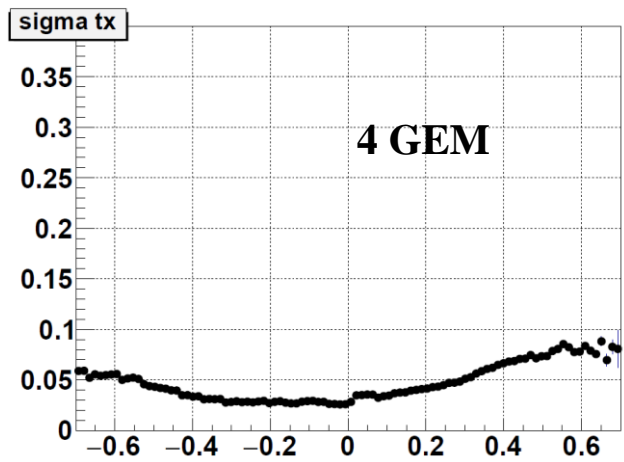
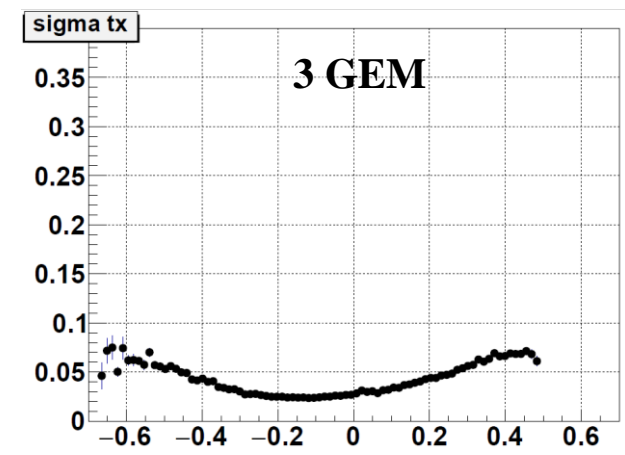
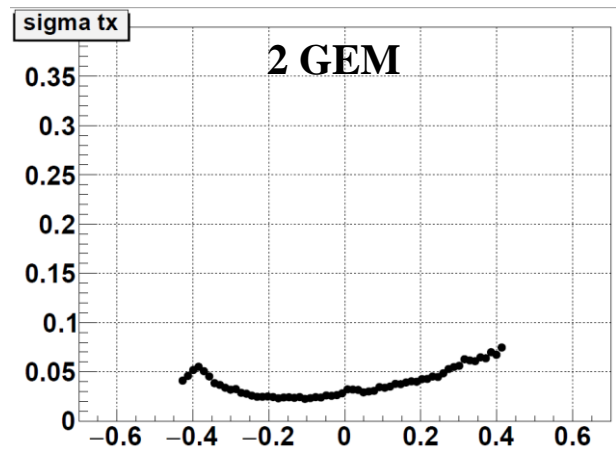
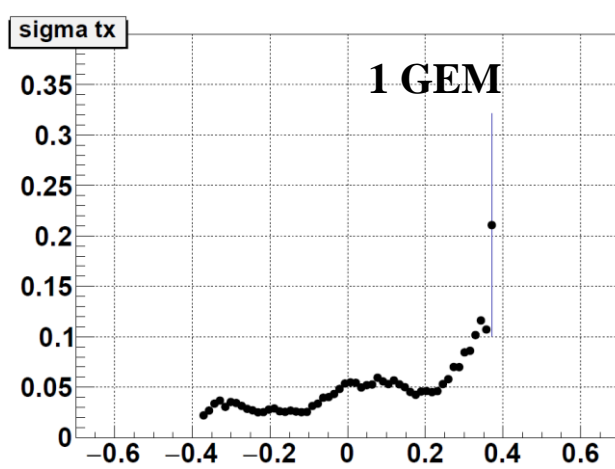


# MC mean per station per station (all tracks)

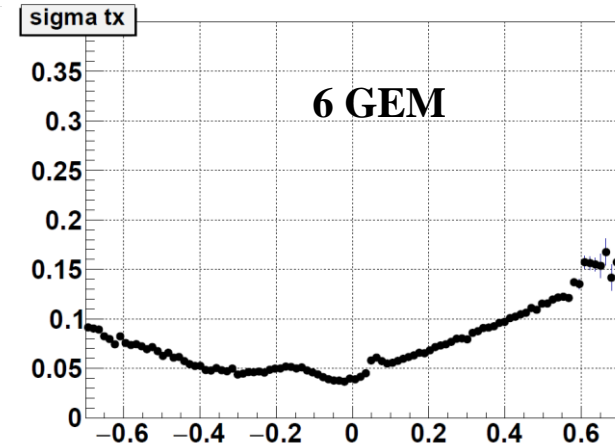
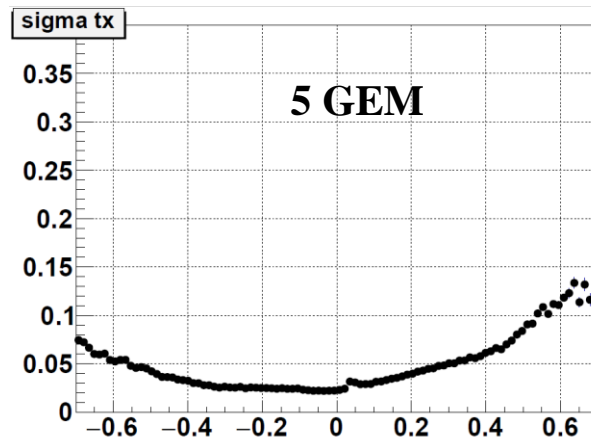
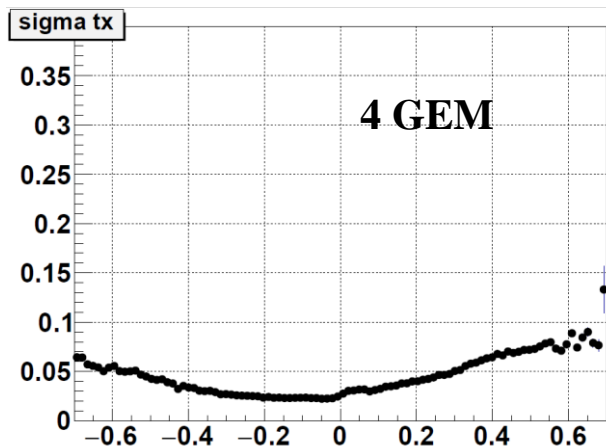
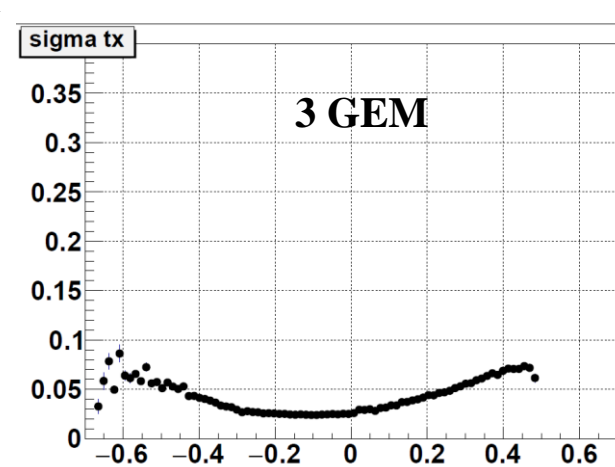
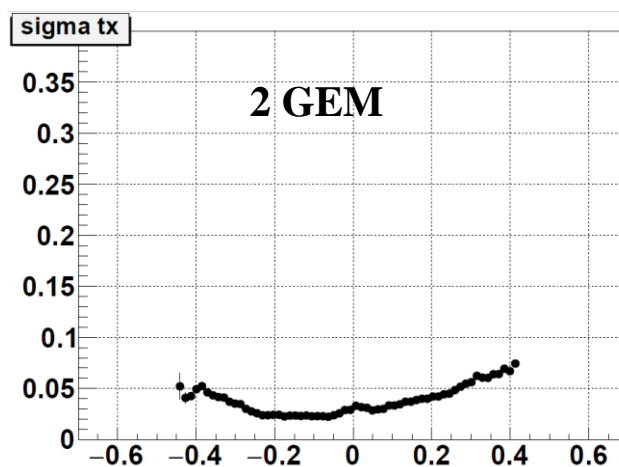
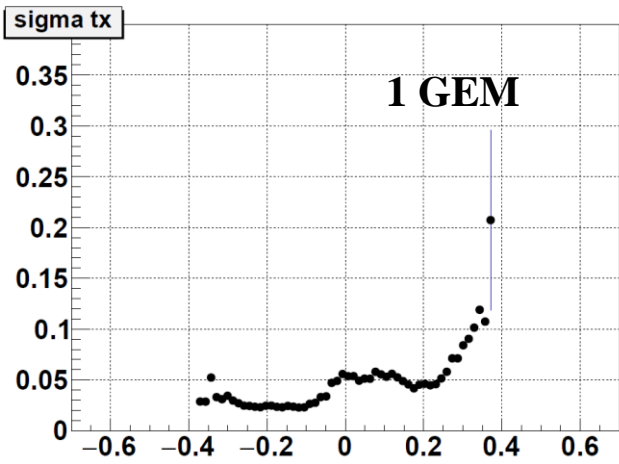


# Back Up

# MC sigma vs tx per station (before correction)



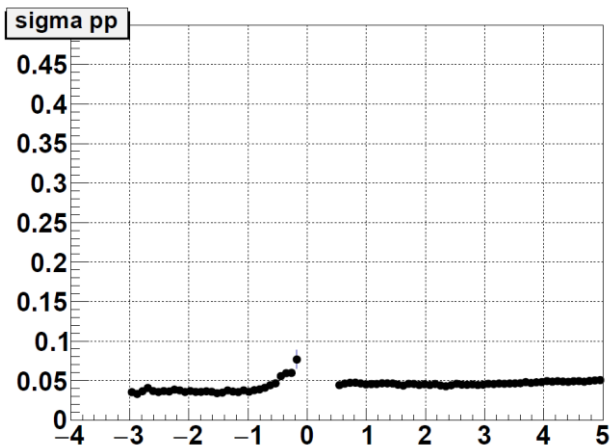
# MC sigma vs tx per station (refit)



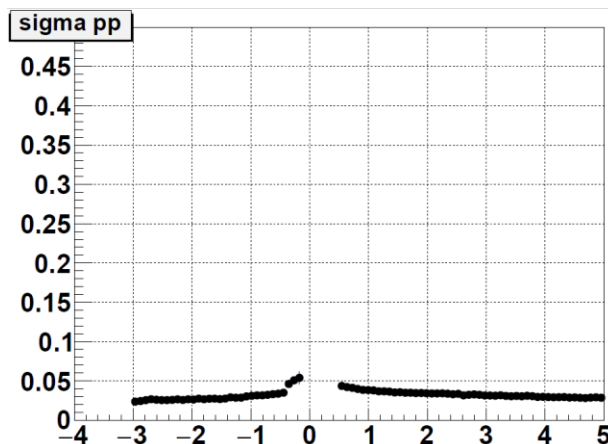
# MC sigma vs momentum per station (before correction)



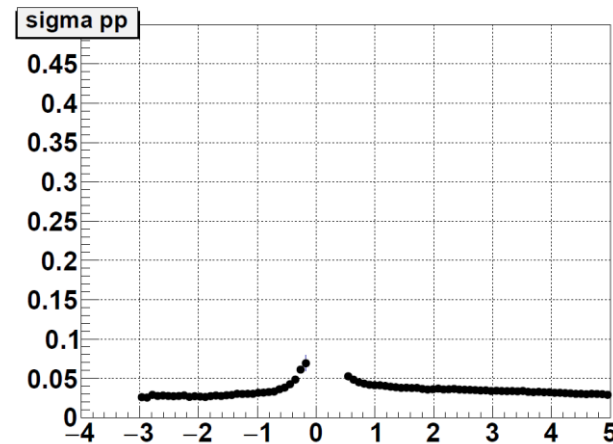
### 1 GEM



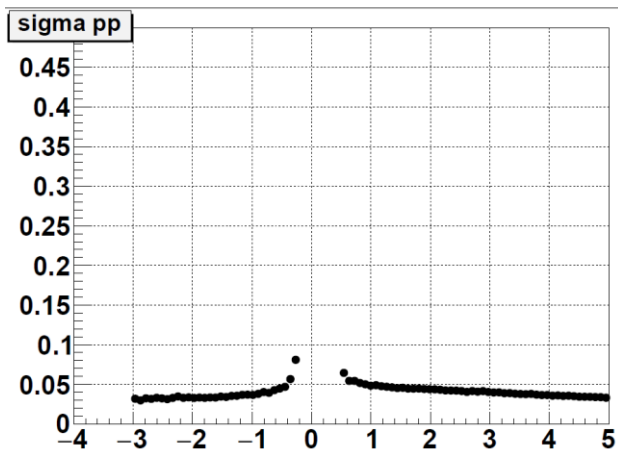
### 2 GEM



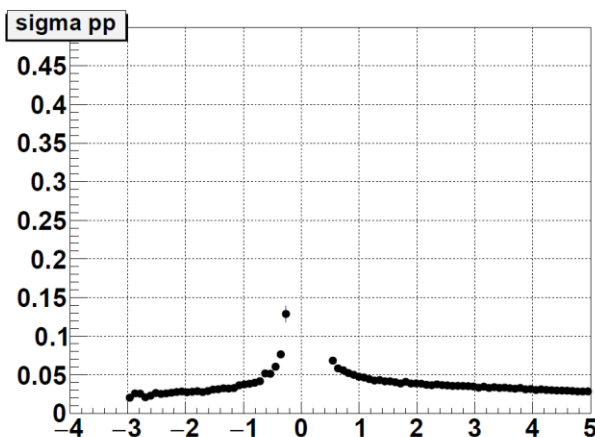
### 3 GEM



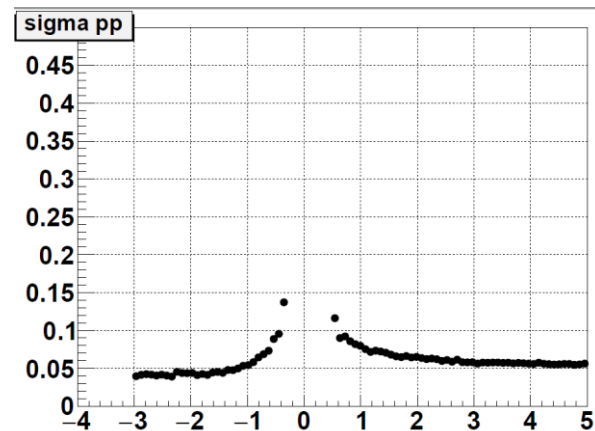
### 4 GEM



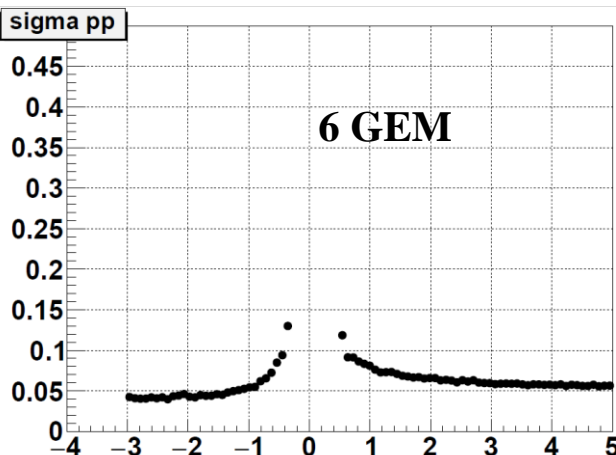
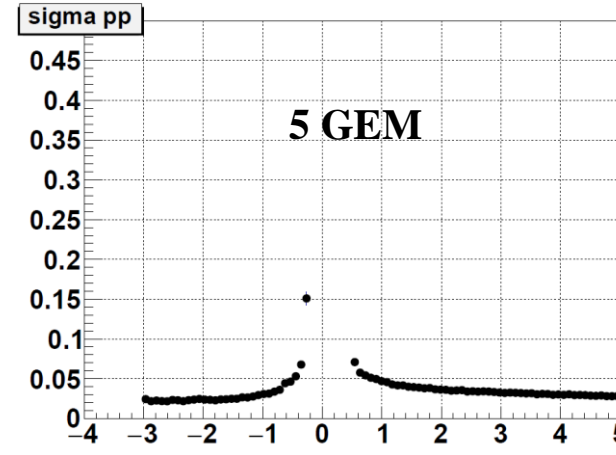
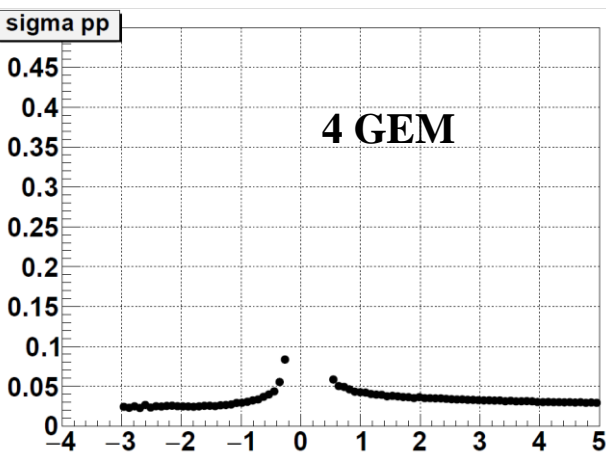
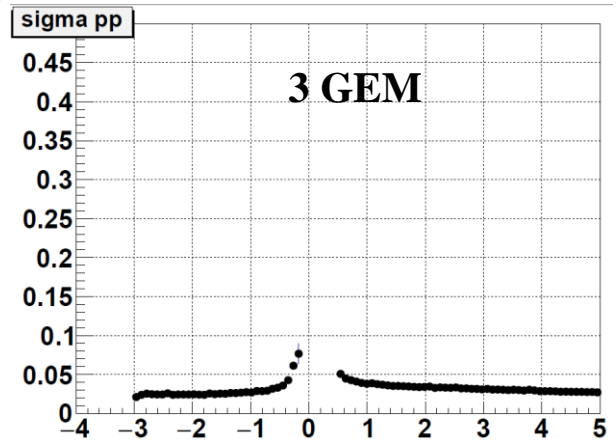
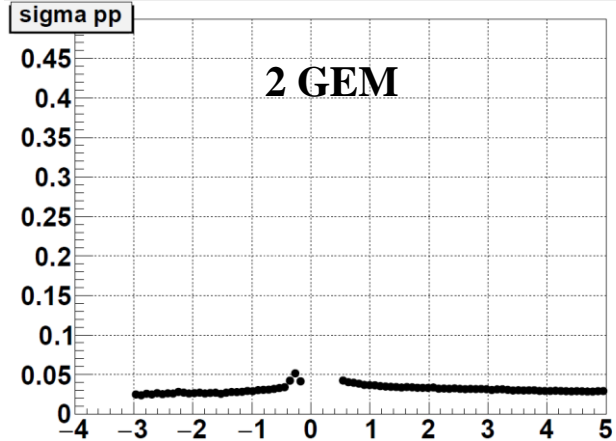
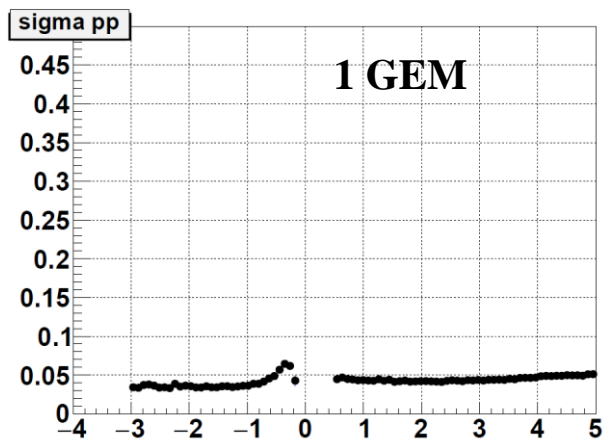
### 5 GEM



### 6 GEM



# MC sigma vs momentum per station (refit)

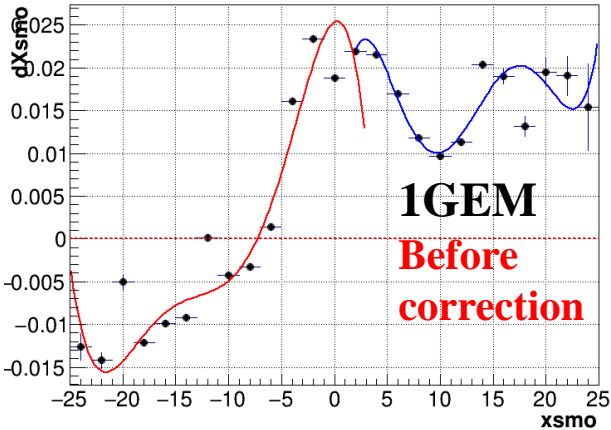




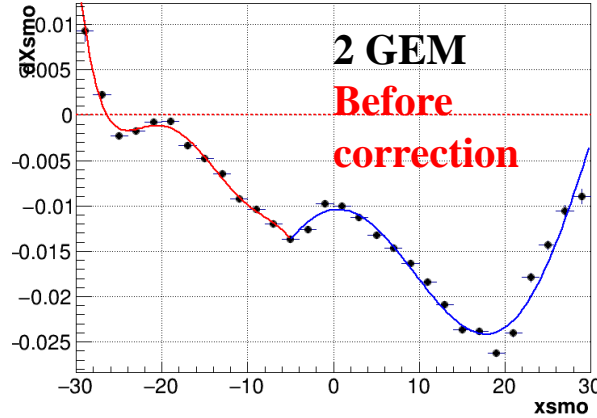
# MC mean per station per station (all tracks)



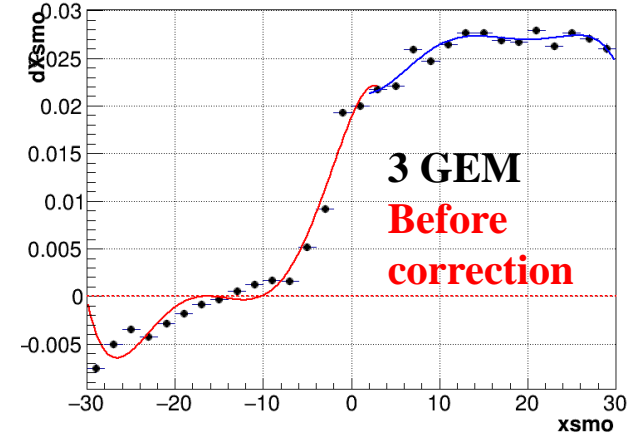
Mean of dXsmo versus xsmo (all tracks) ista=2



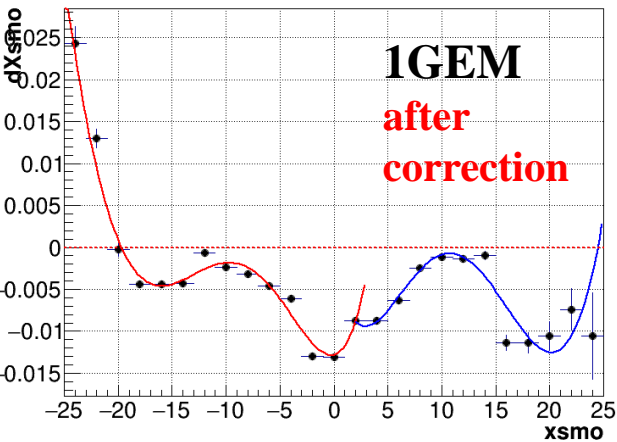
Mean of dXsmo versus xsmo (all tracks) ista=3



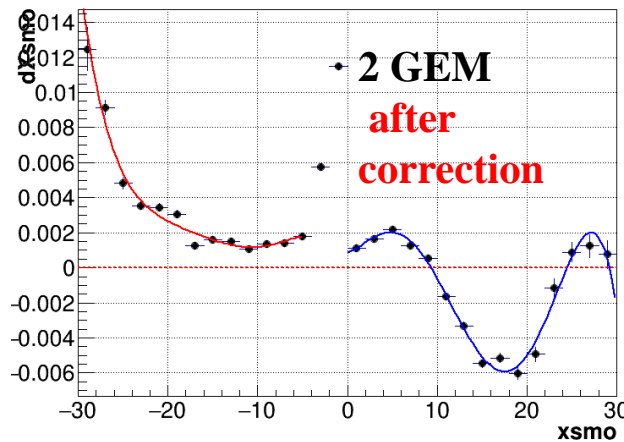
Mean of dXsmo versus xsmo (all tracks) ista=4



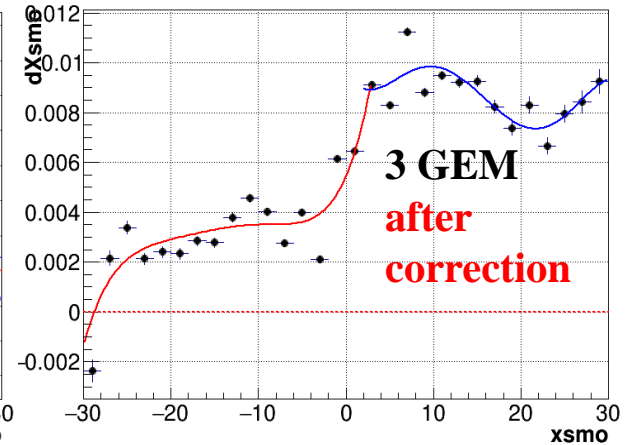
Mean of dXsmo versus xsmo (all tracks) ista=2



Mean of dXsmo versus xsmo (all tracks) ista=3



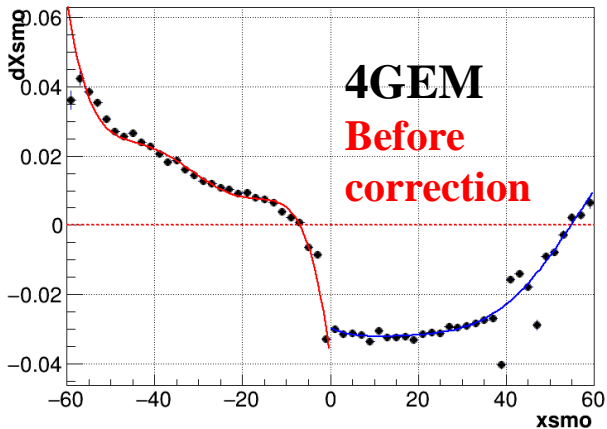
Mean of dXsmo versus xsmo (all tracks) ista=4



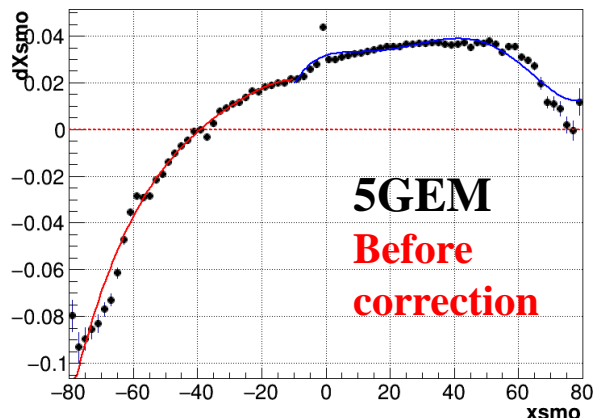
# MC mean per station per station (all tracks)



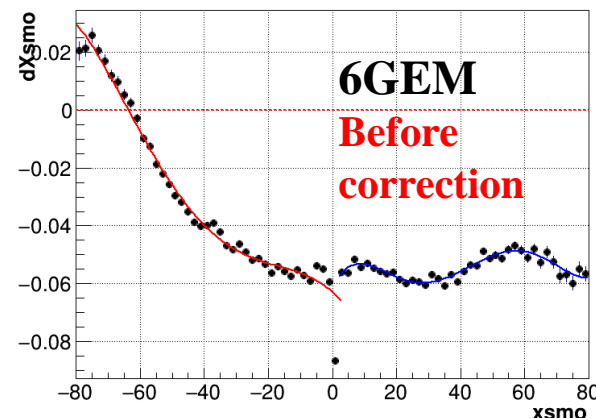
Mean of dXsmo versus xsmo (all tracks) ista=5



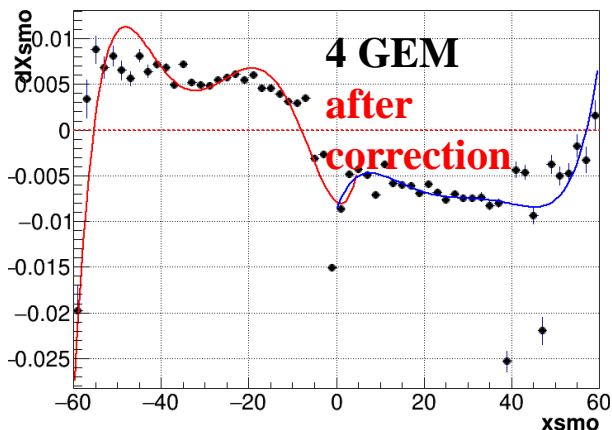
Mean of dXsmo versus xsmo (all tracks) ista=6



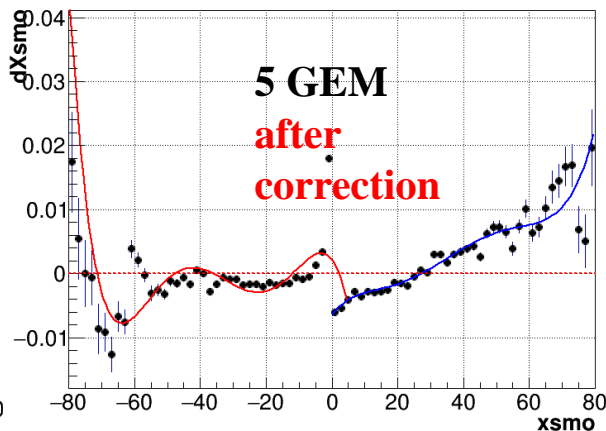
Mean of dXsmo versus xsmo (all tracks) ista=7



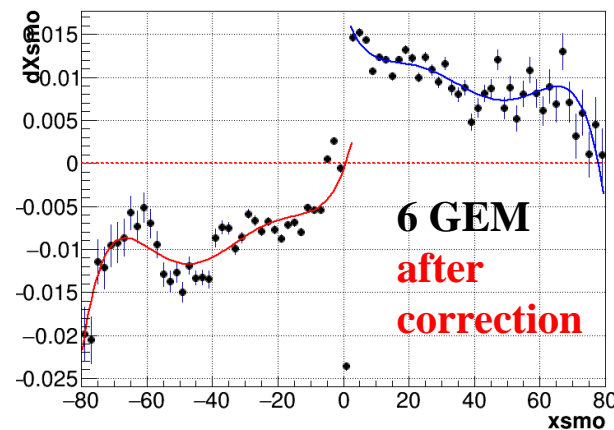
Mean of dXsmo versus xsmo (all tracks) ista=5



Mean of dXsmo versus xsmo (all tracks) ista=6



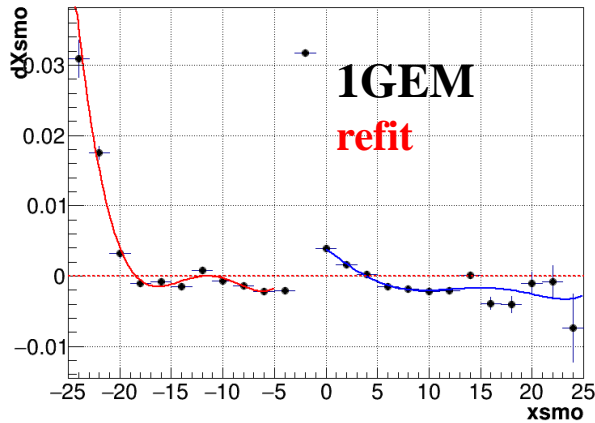
Mean of dXsmo versus xsmo (all tracks) ista=7



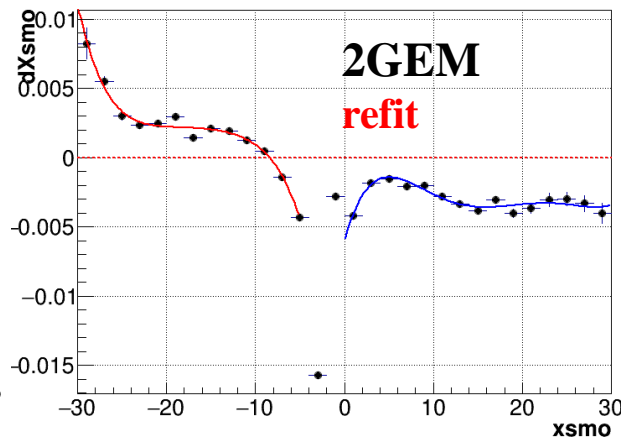
# MC mean per station per station (all tracks)



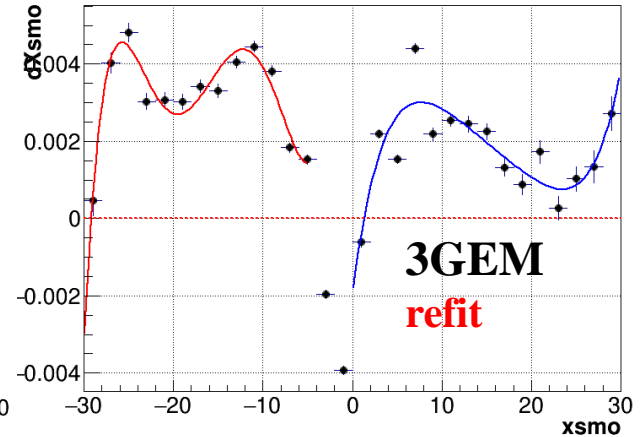
Mean of dXsmo versus xsmo (all tracks) ista=2



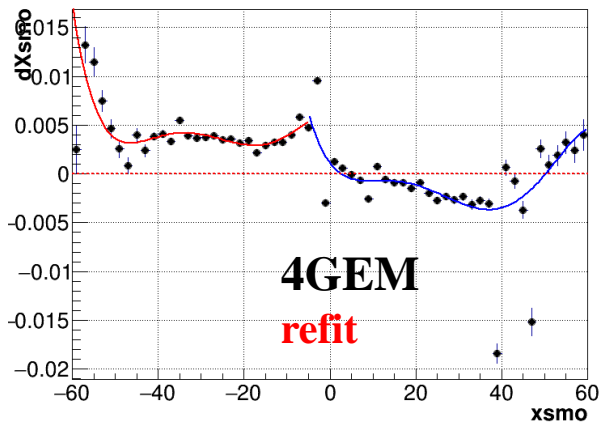
Mean of dXsmo versus xsmo (all tracks) ista=3



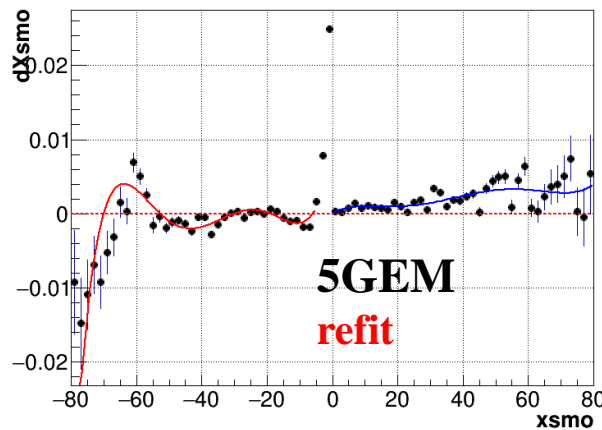
Mean of dXsmo versus xsmo (all tracks) ista=4



Mean of dXsmo versus xsmo (all tracks) ista=5



Mean of dXsmo versus xsmo (all tracks) ista=6



Mean of dXsmo versus xsmo (all tracks) ista=7

