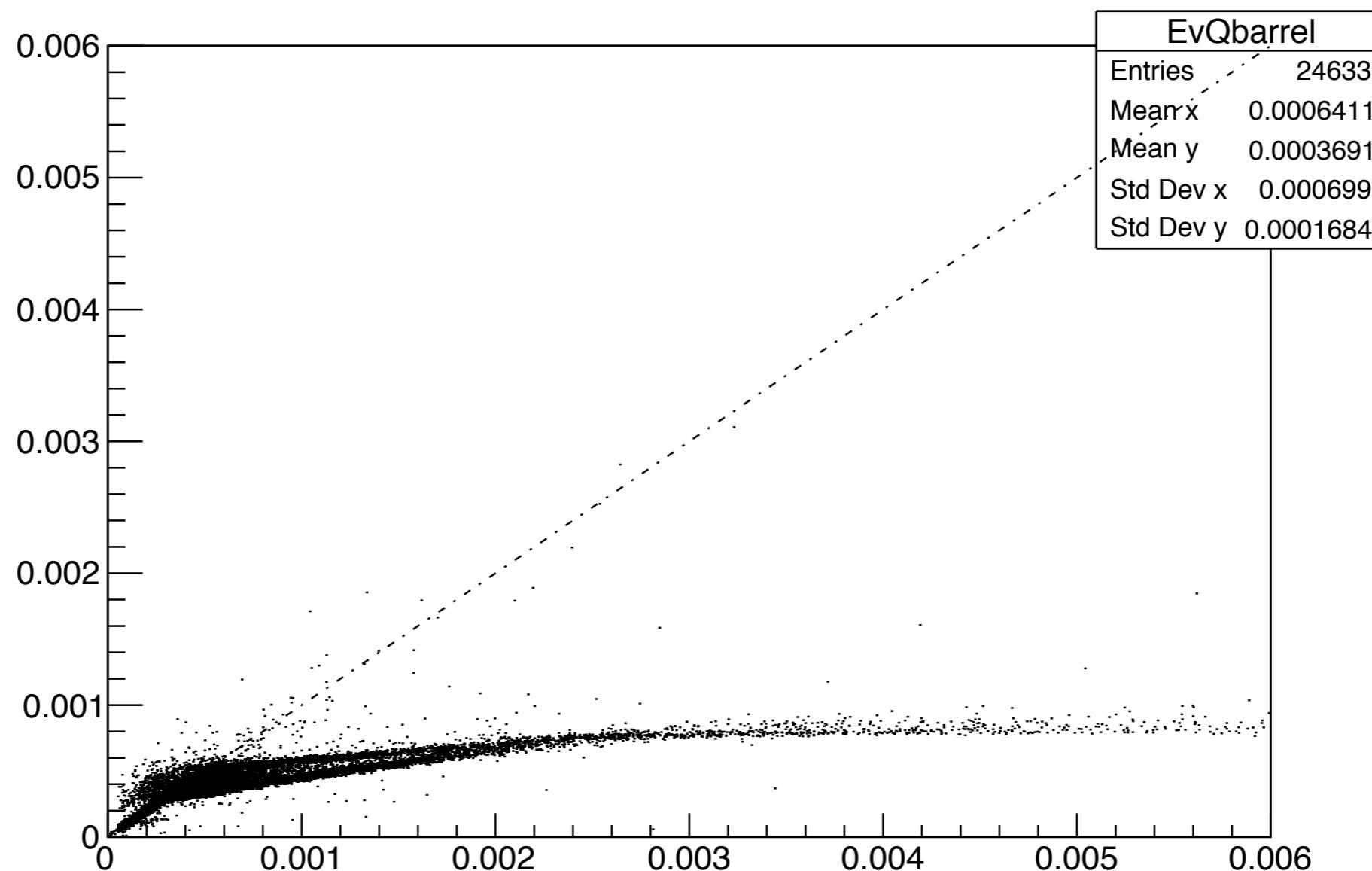
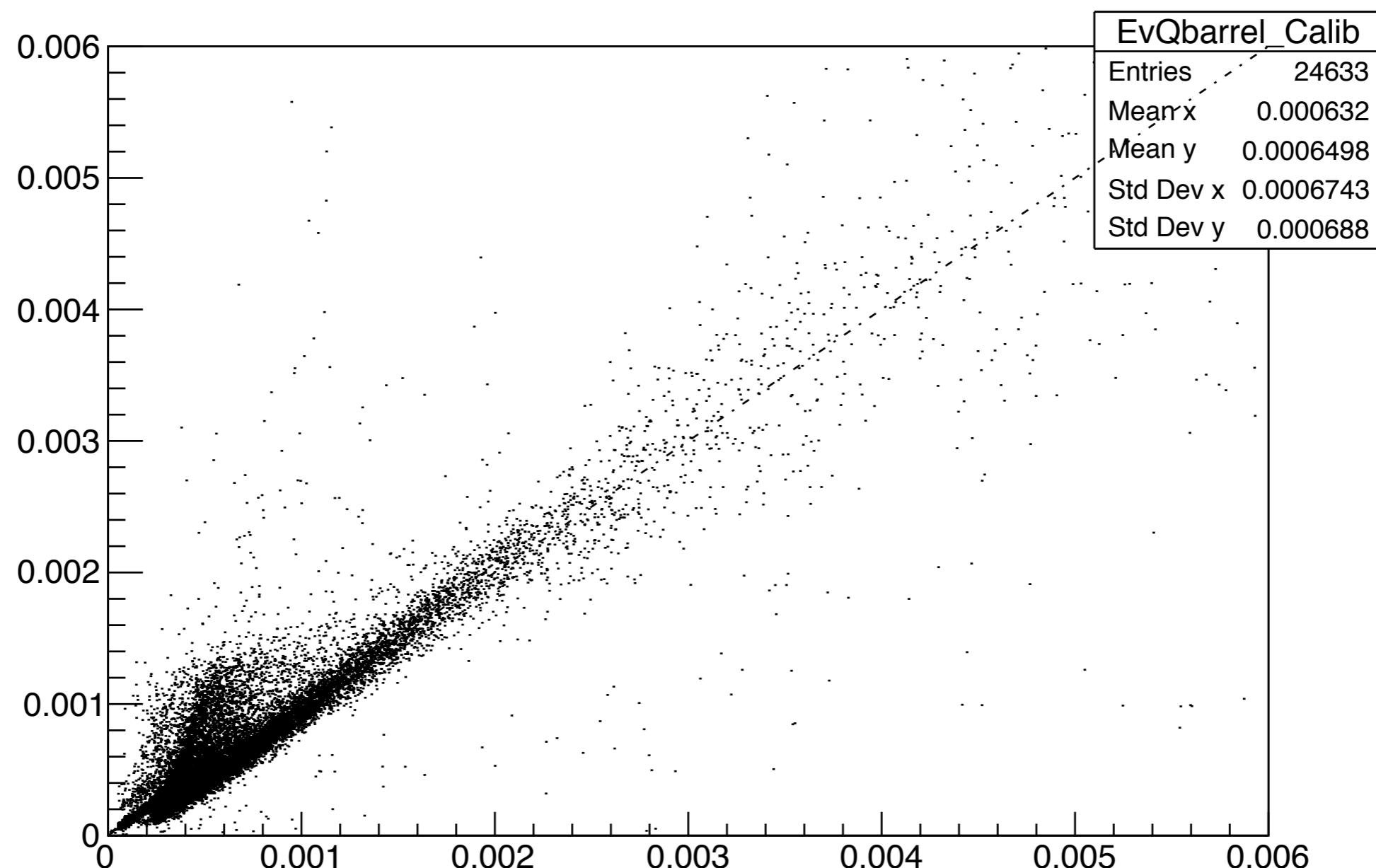


**TIB 1**

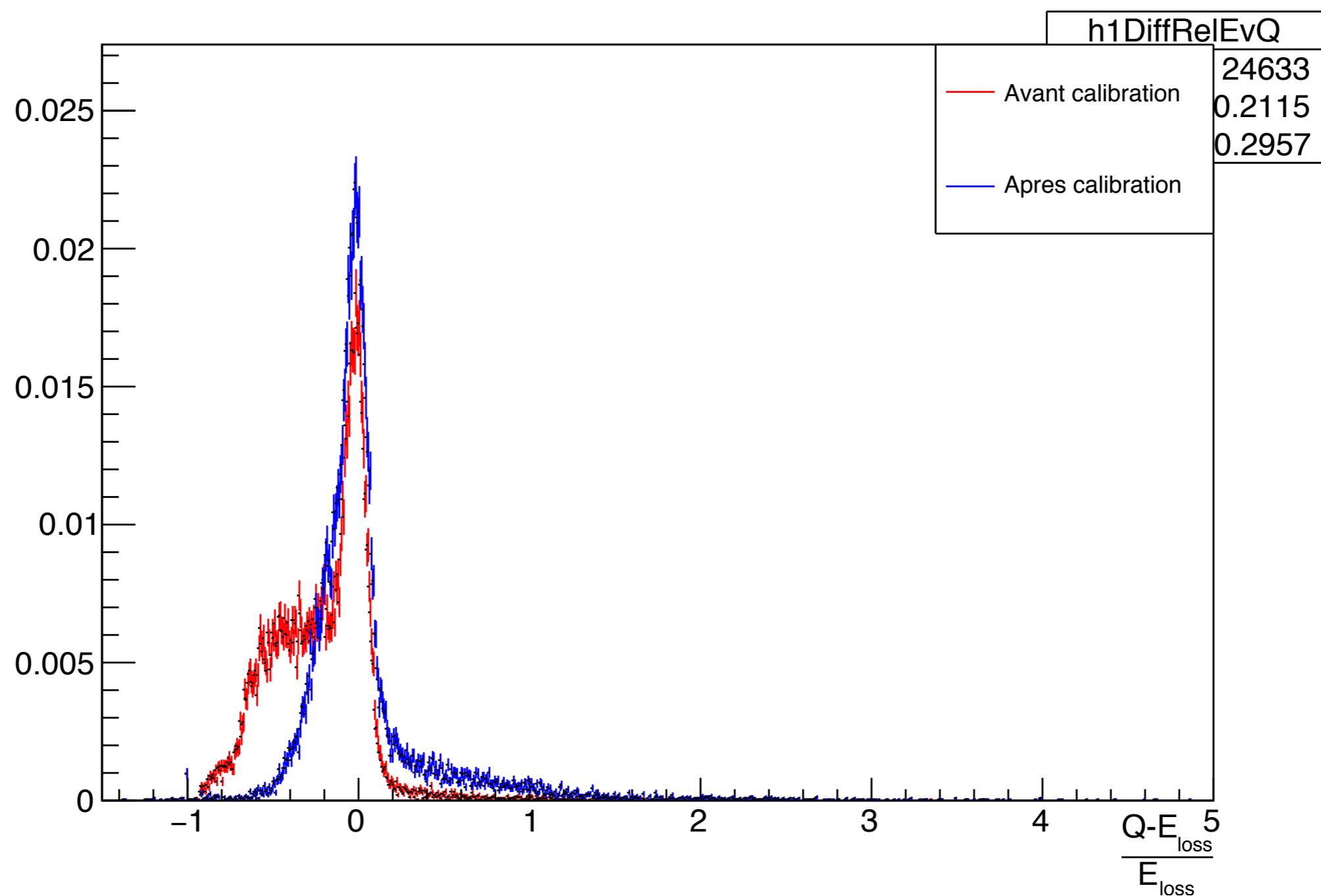
## EvQbarrel



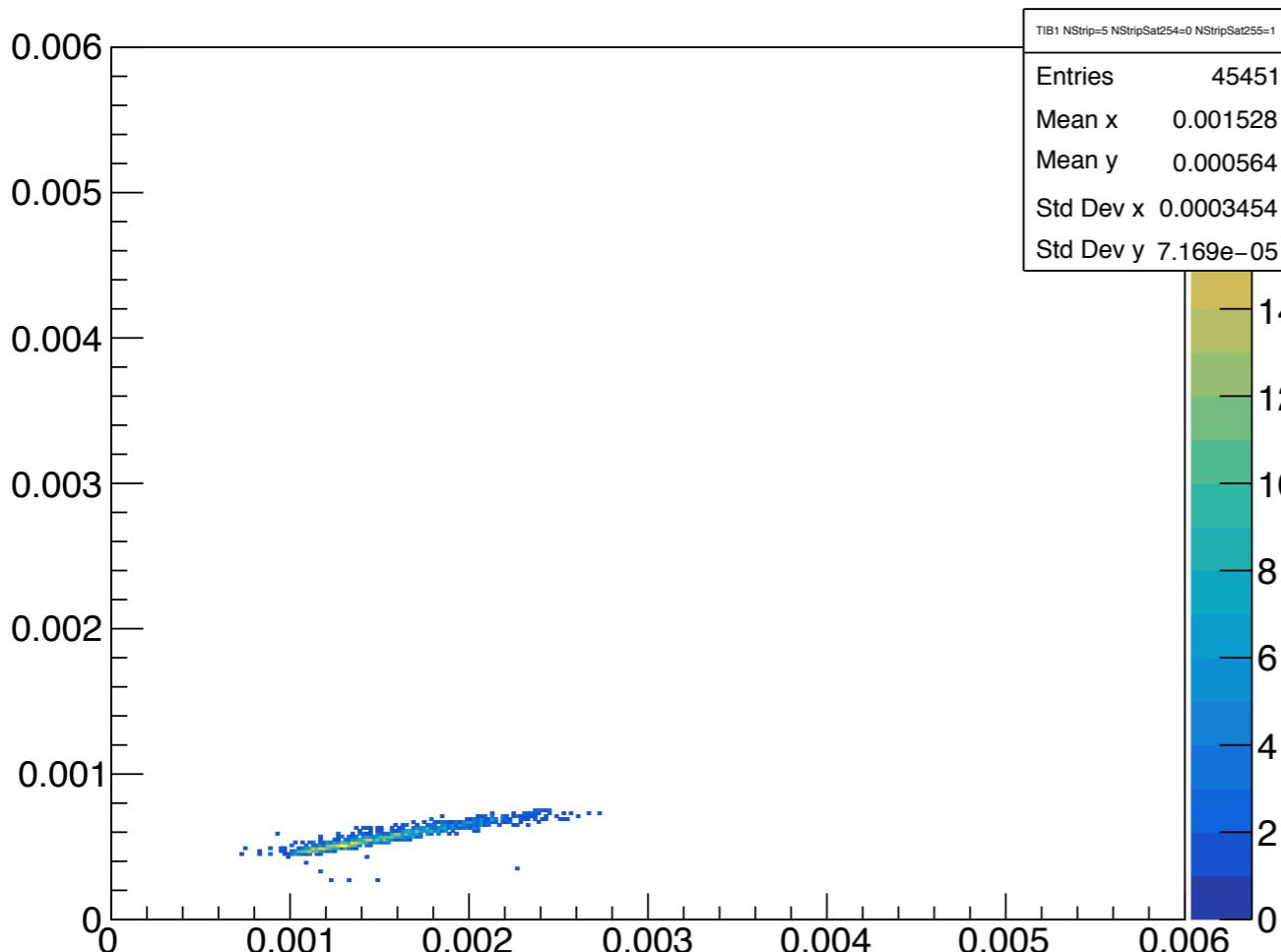
## EvQbarrel\_Calib



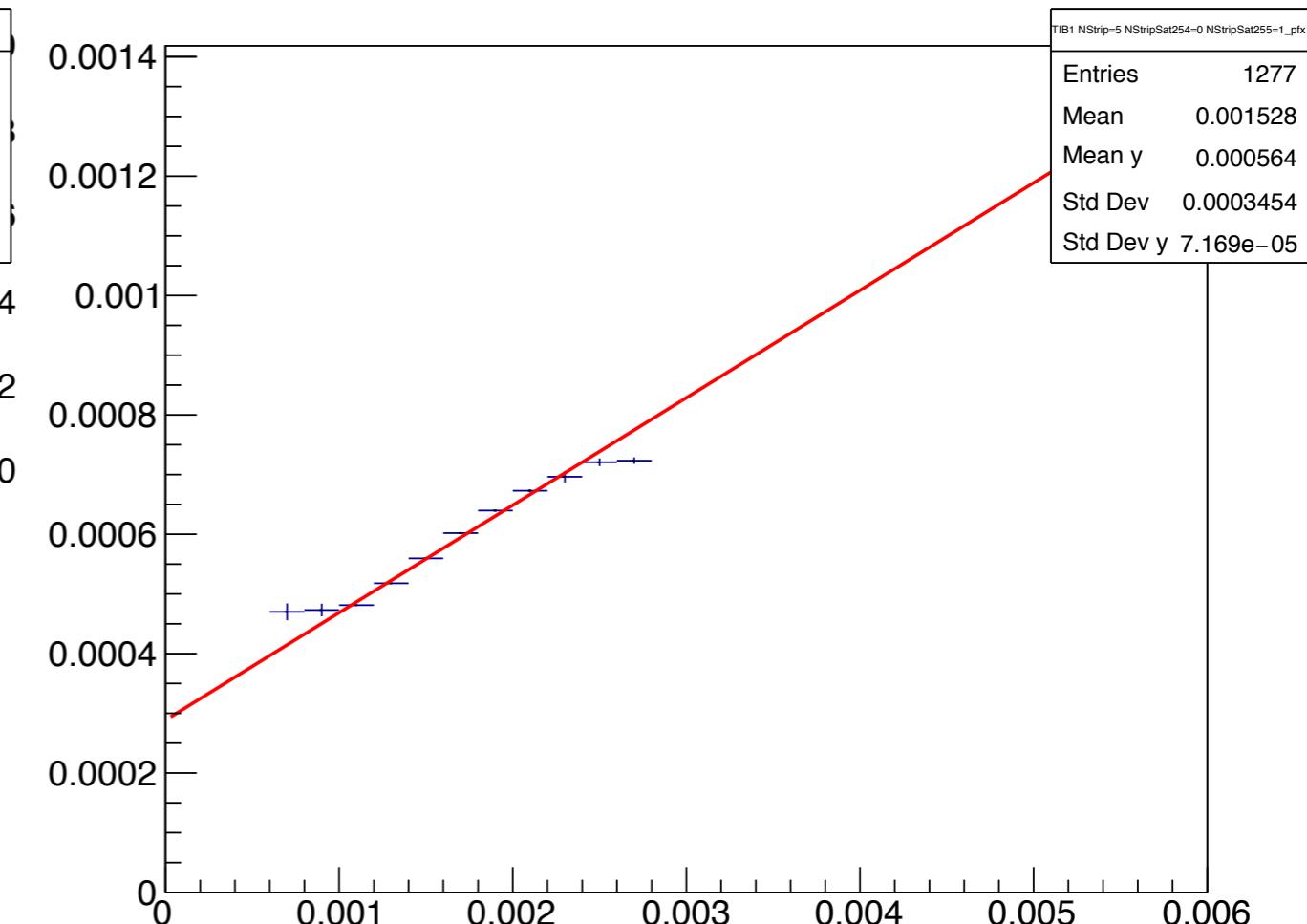
## Calibration



TIB1 NStrip=5 NStripSat254=0 NStripSat255=1

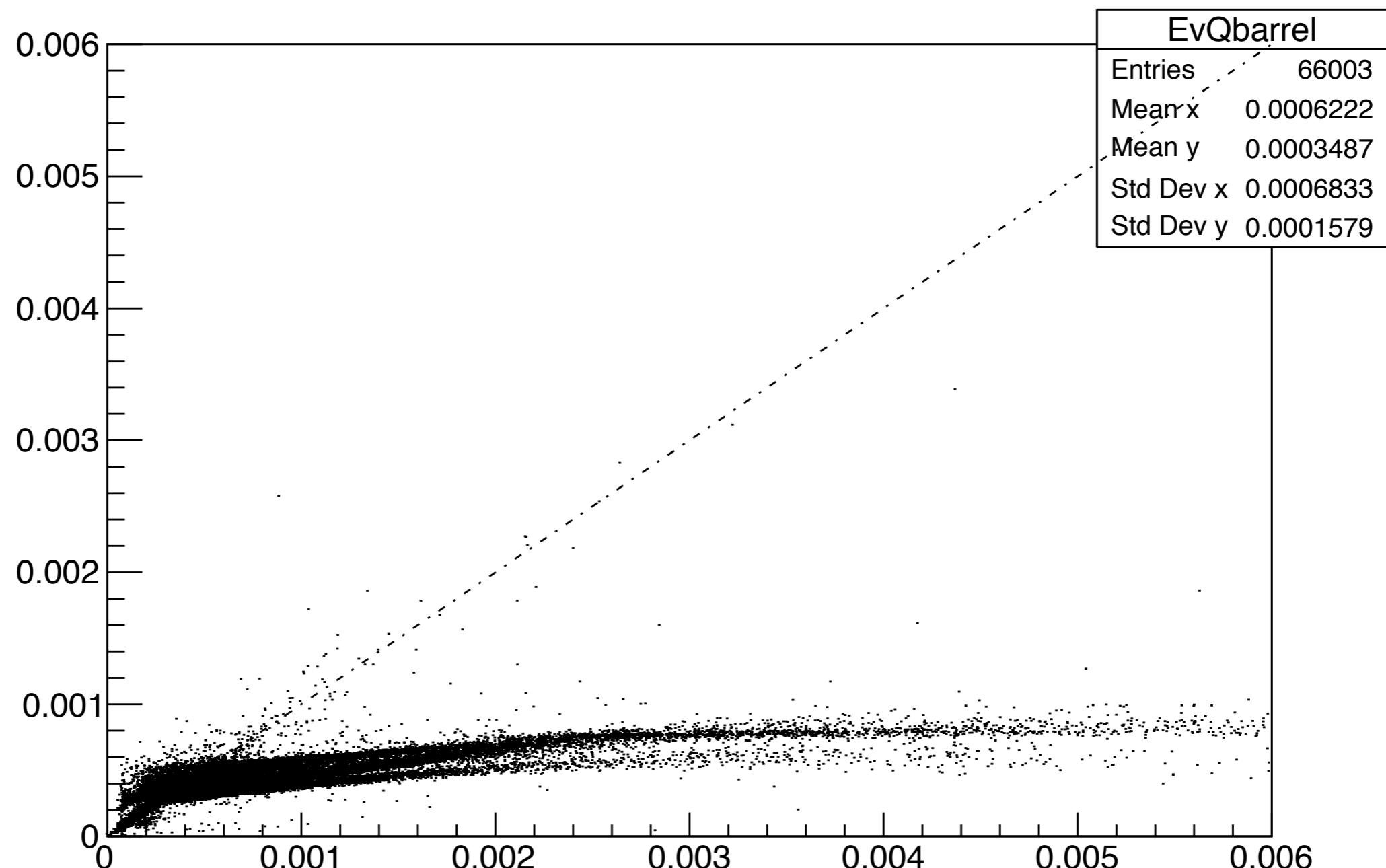


TIB1 NStrip=5 NStripSat254=0 NStripSat255=1

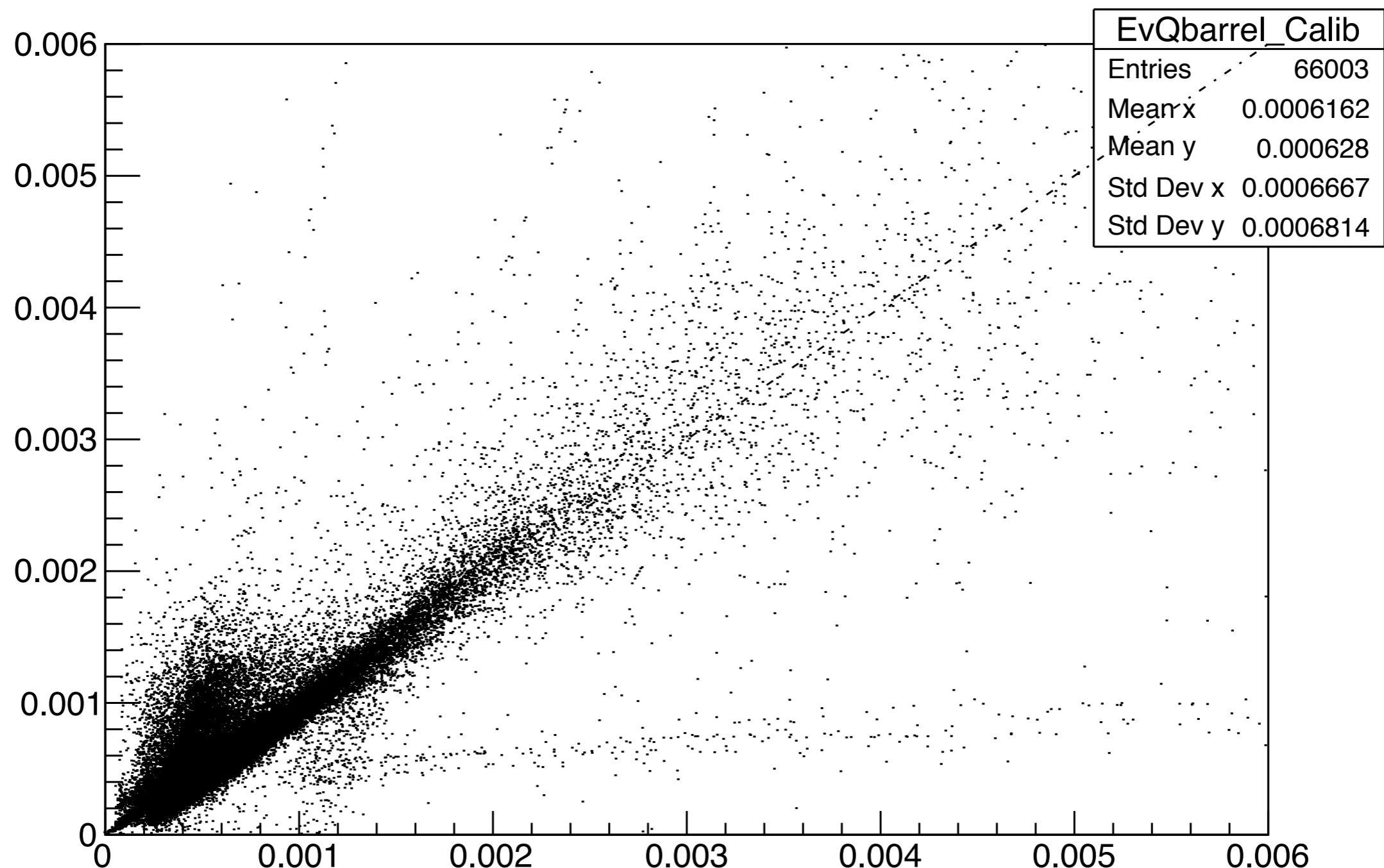


**TIB 1-4**

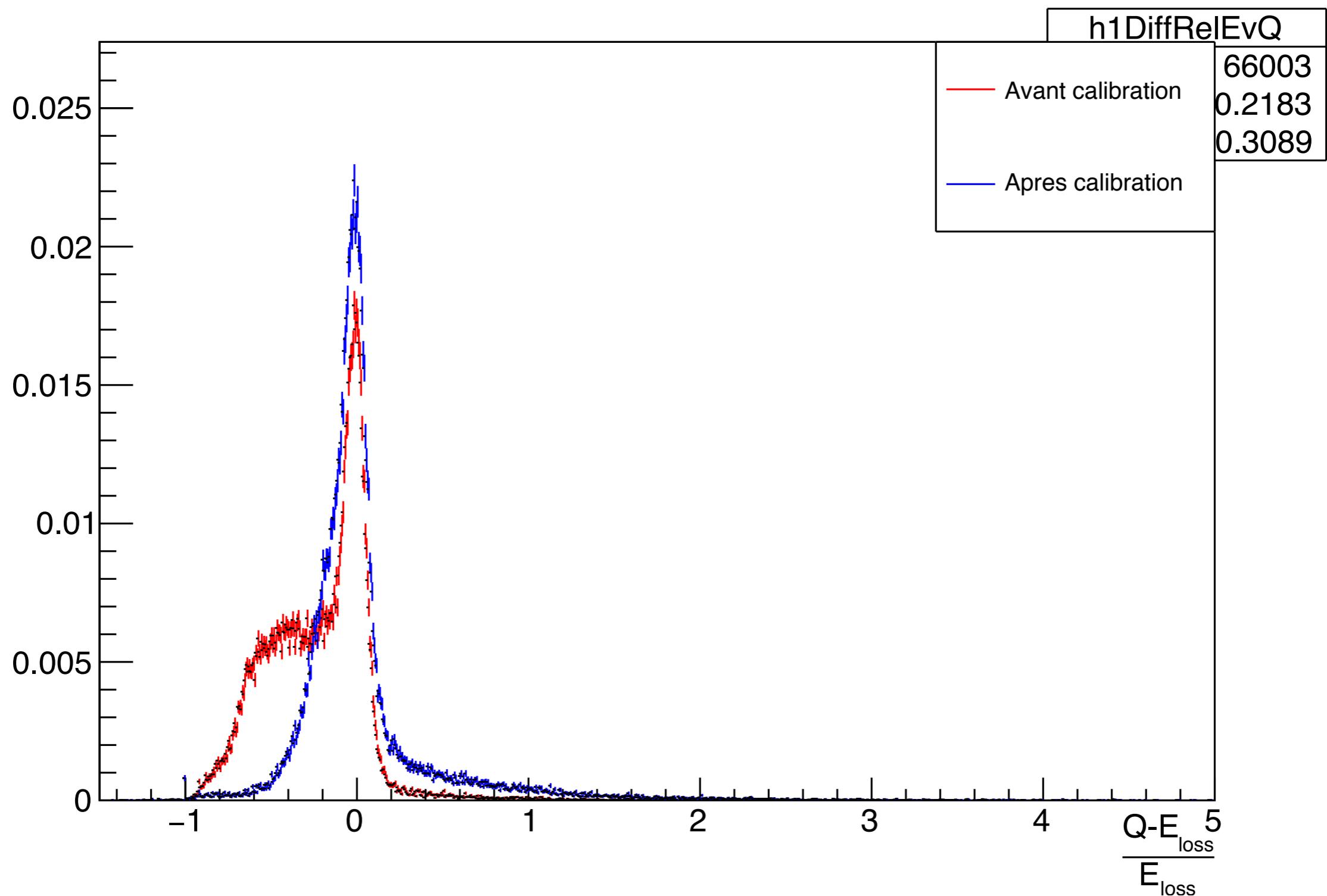
## EvQbarrel



## EvQbarrel\_Calib

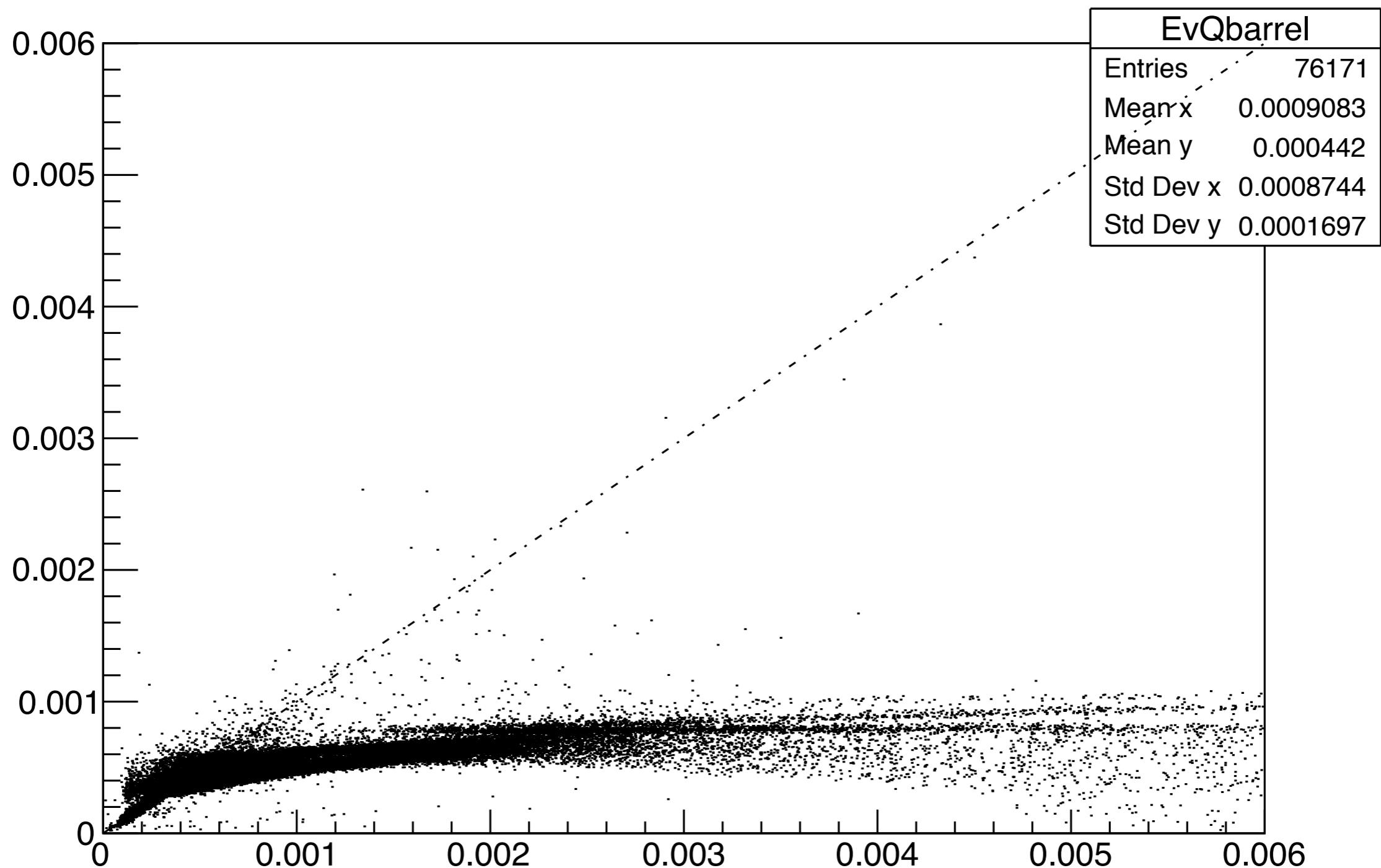


# Calibration

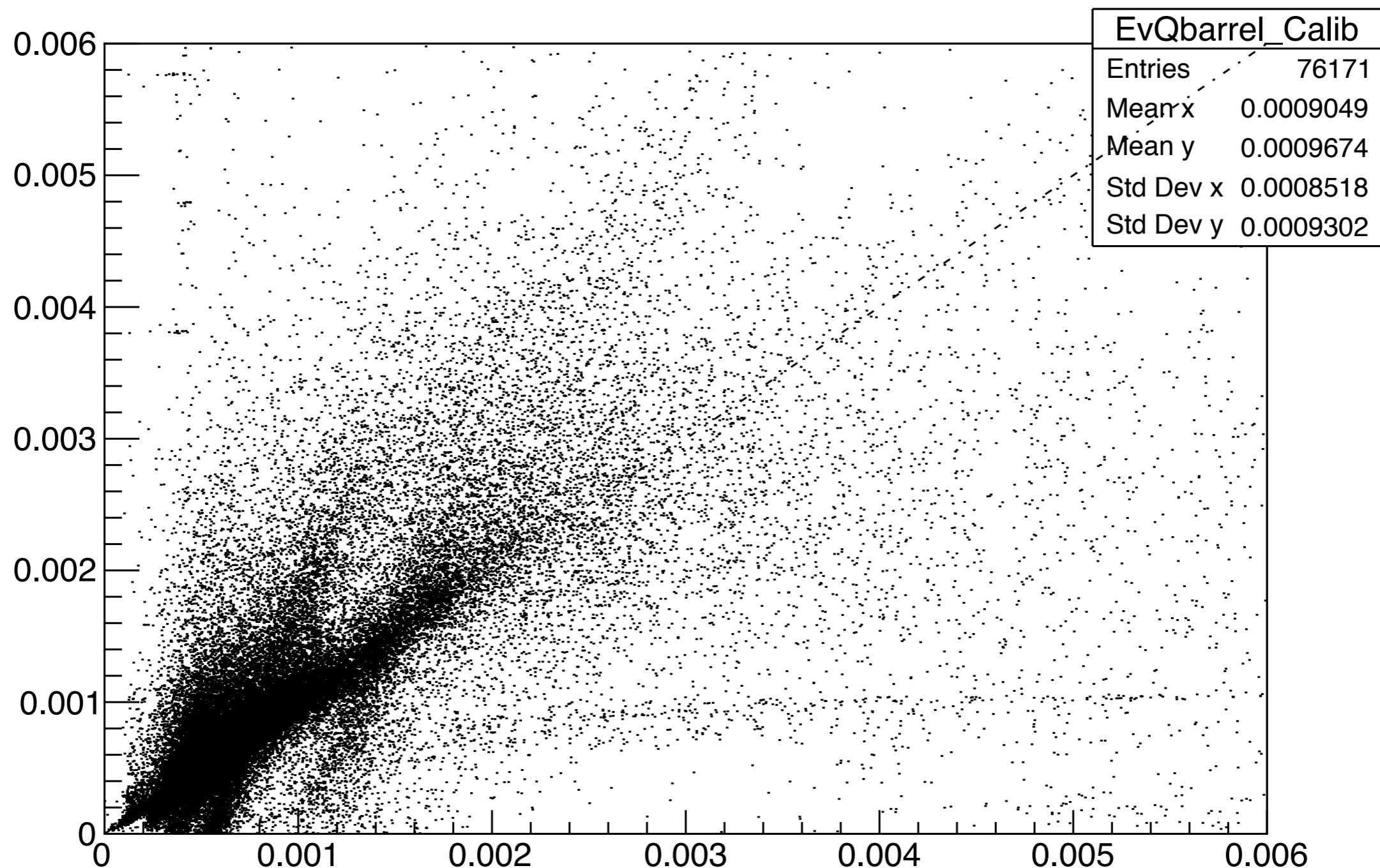


**TOB 1-6**

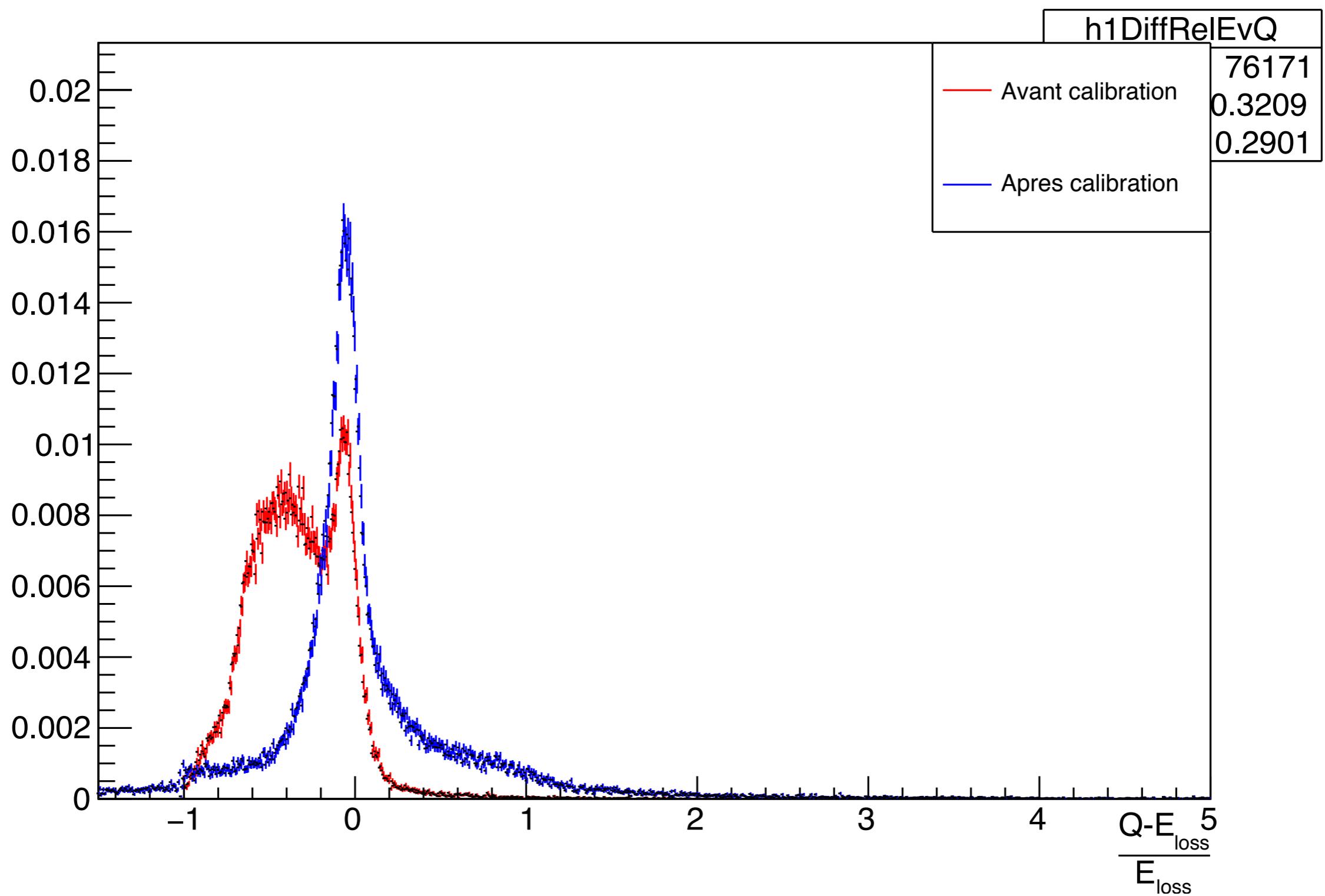
## EvQbarrel



## EvQbarrel\_Calib

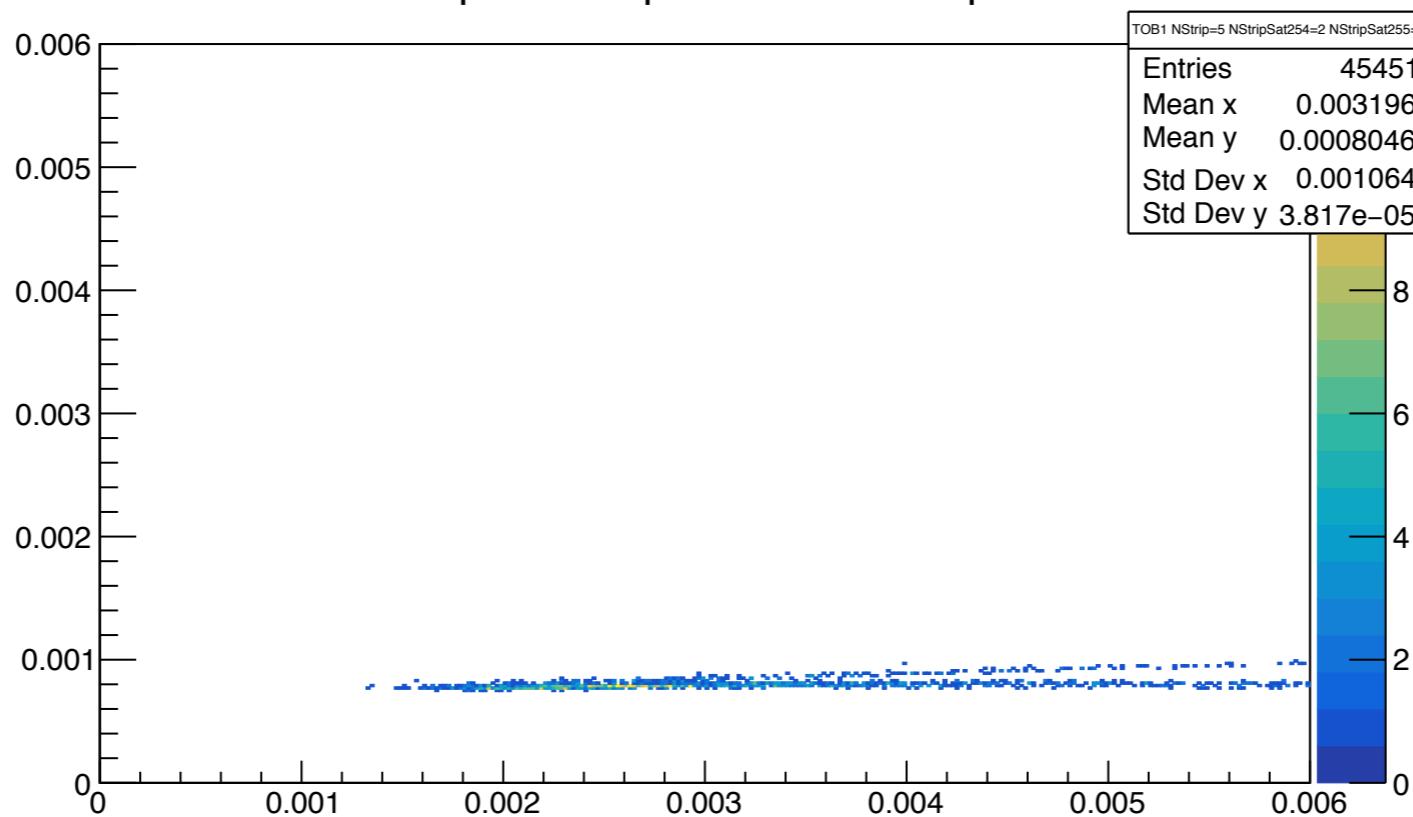


# Calibration

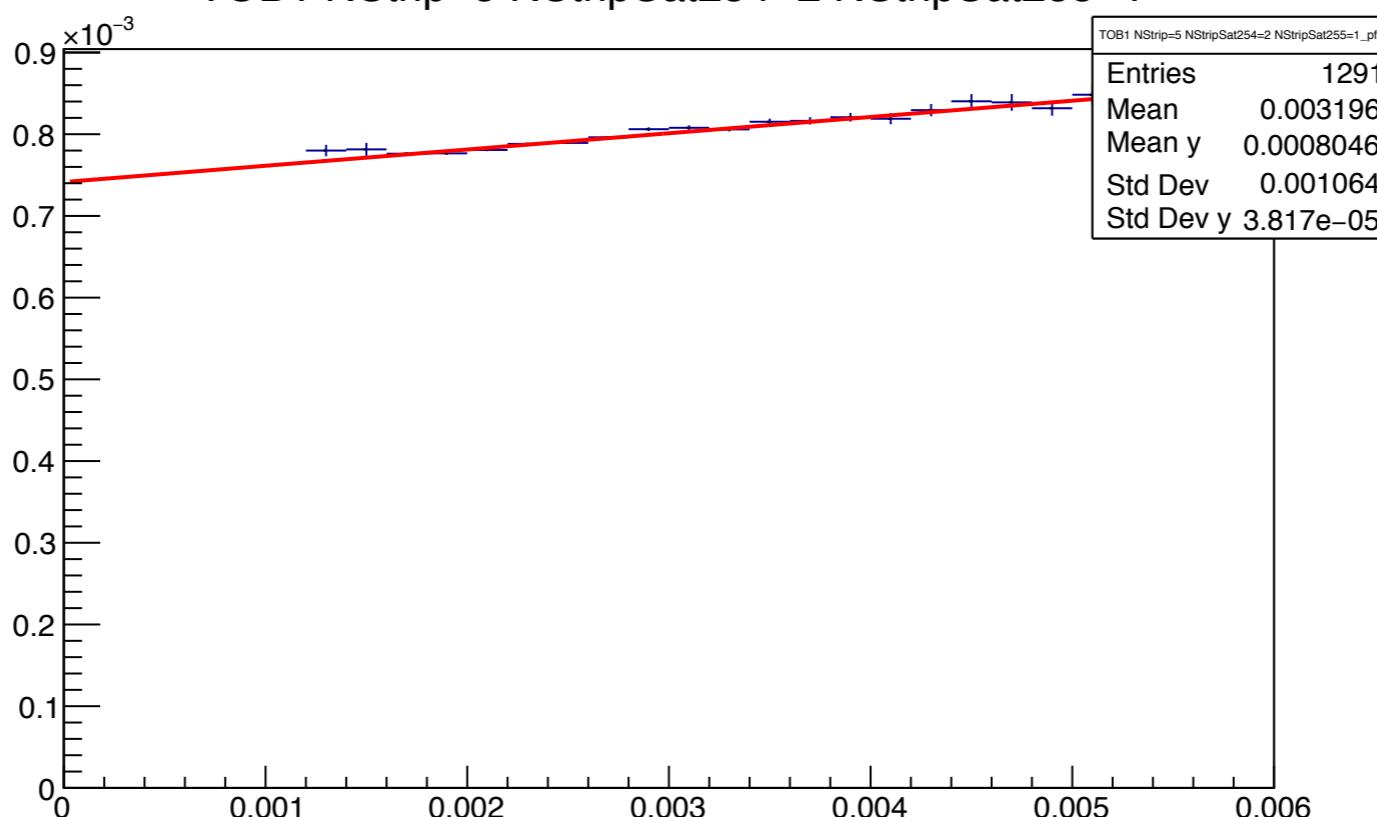


# **Problèmes**

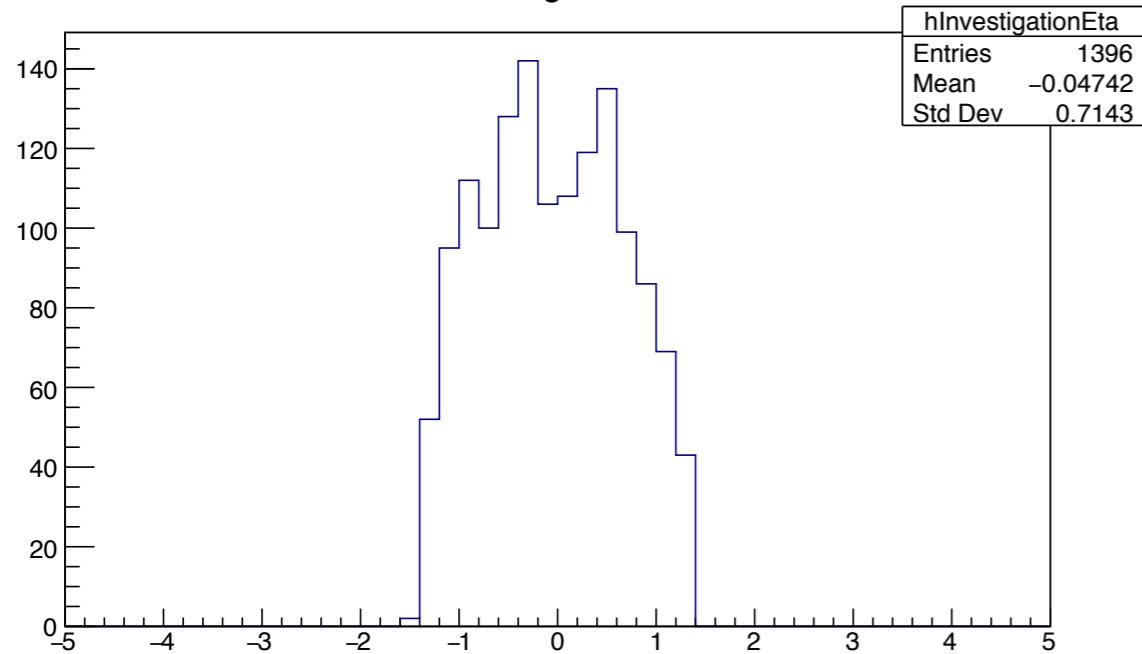
TOB1 NStrip=5 NStripSat254=2 NStripSat255=1



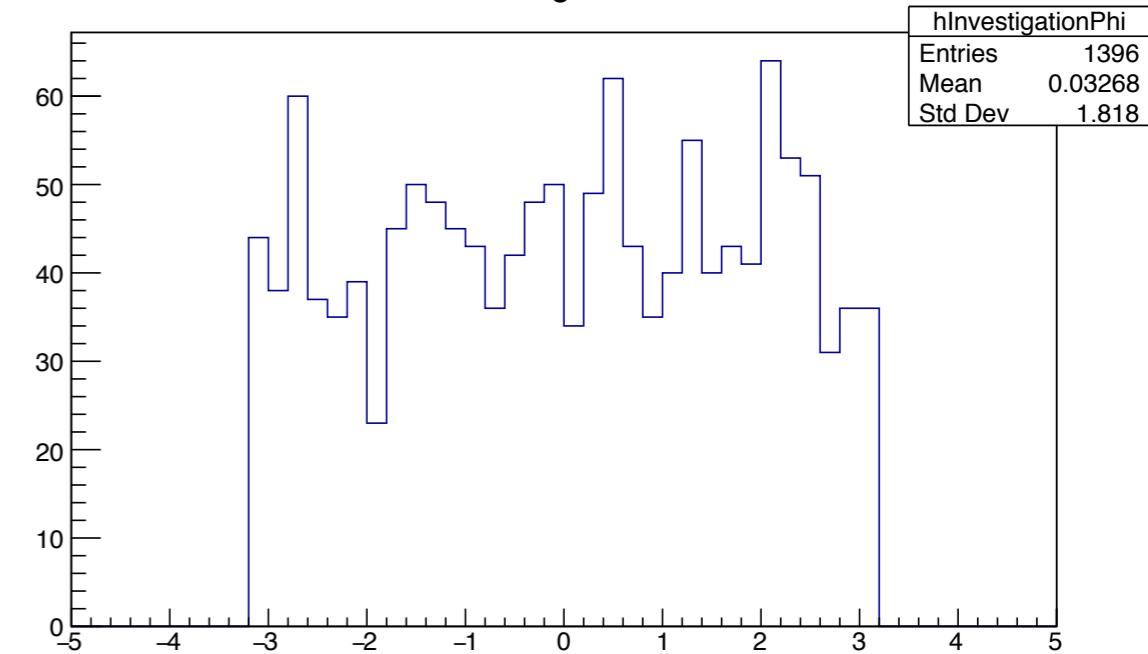
TOB1 NStrip=5 NStripSat254=2 NStripSat255=1



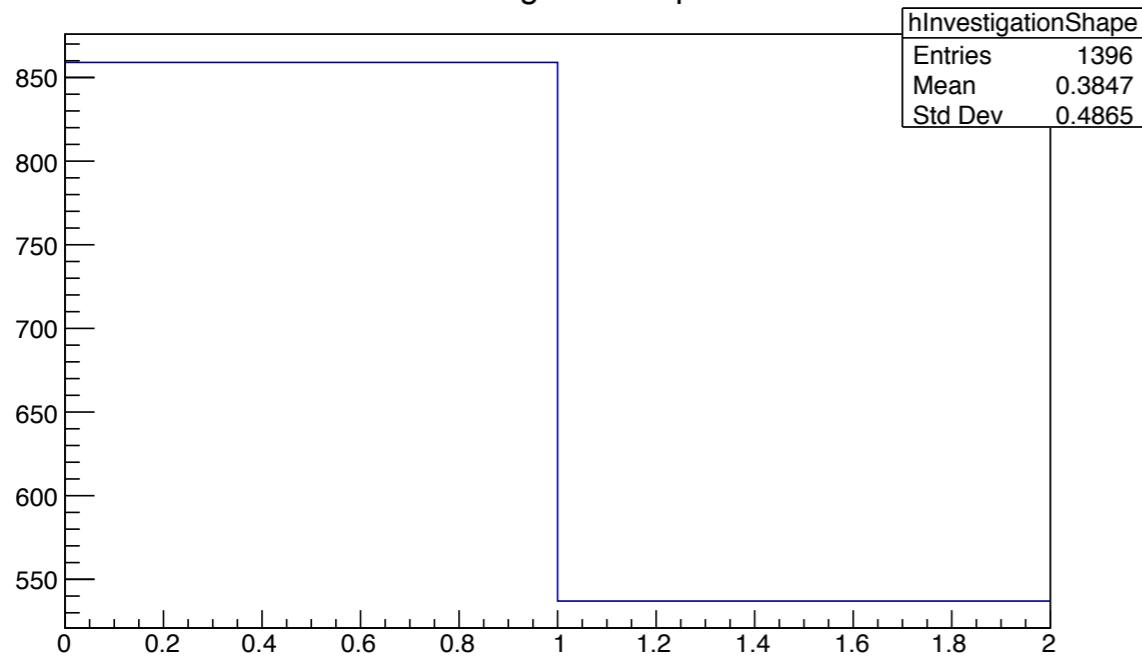
hInvestigationEta



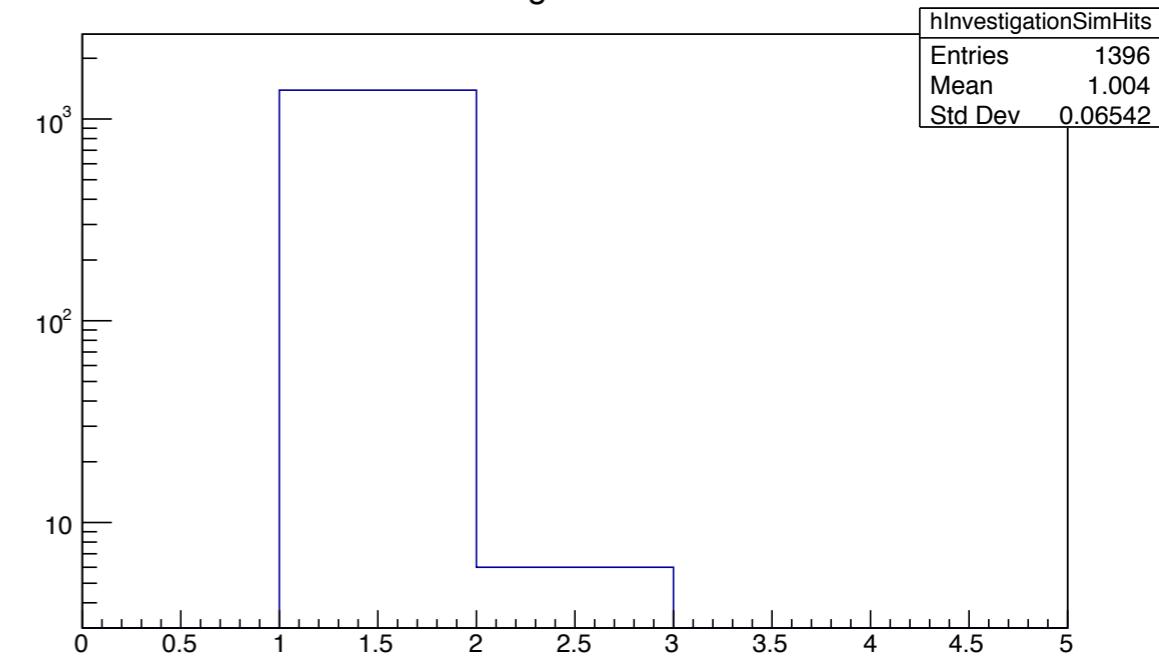
hInvestigationPhi



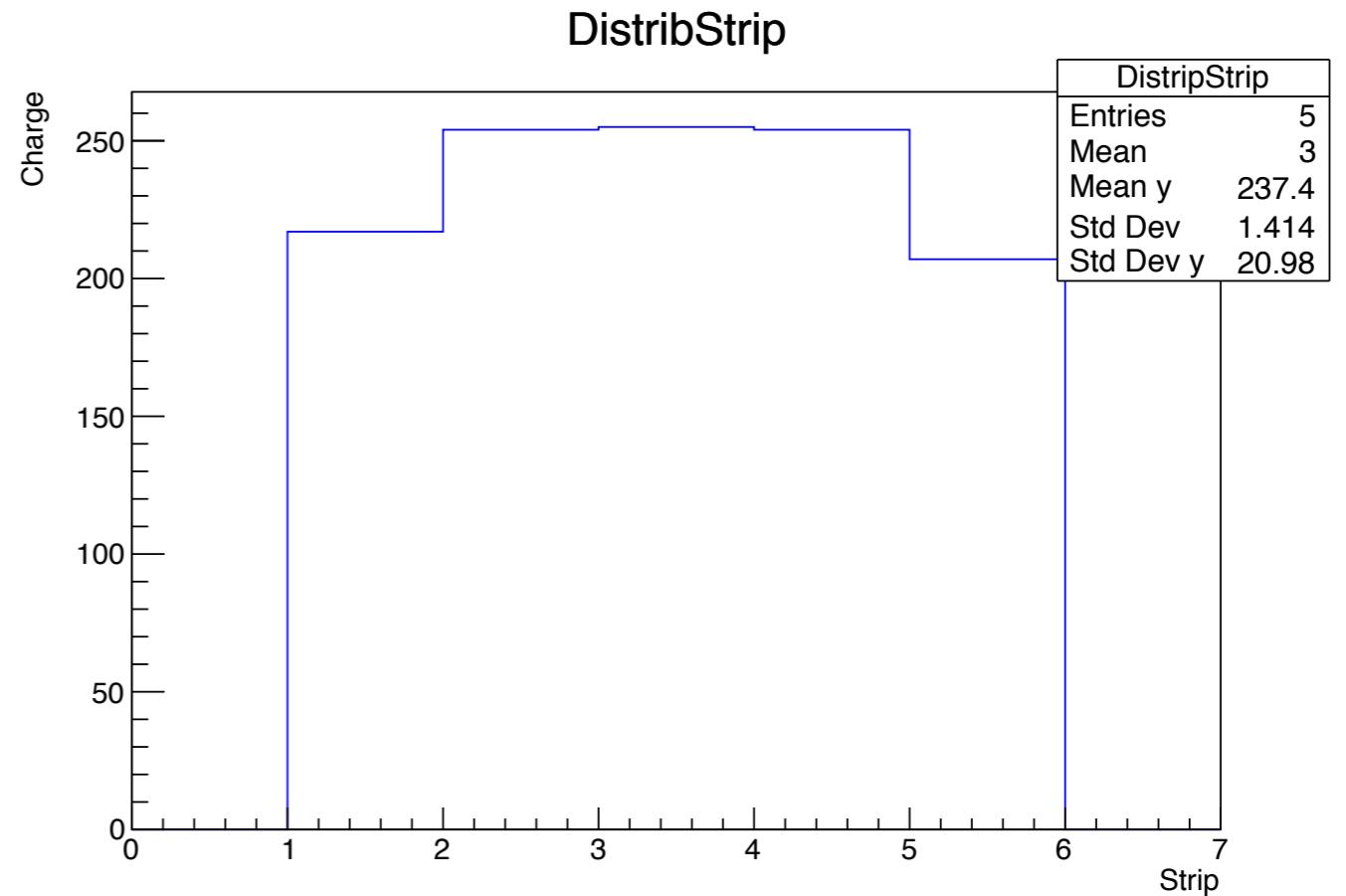
hInvestigationShape



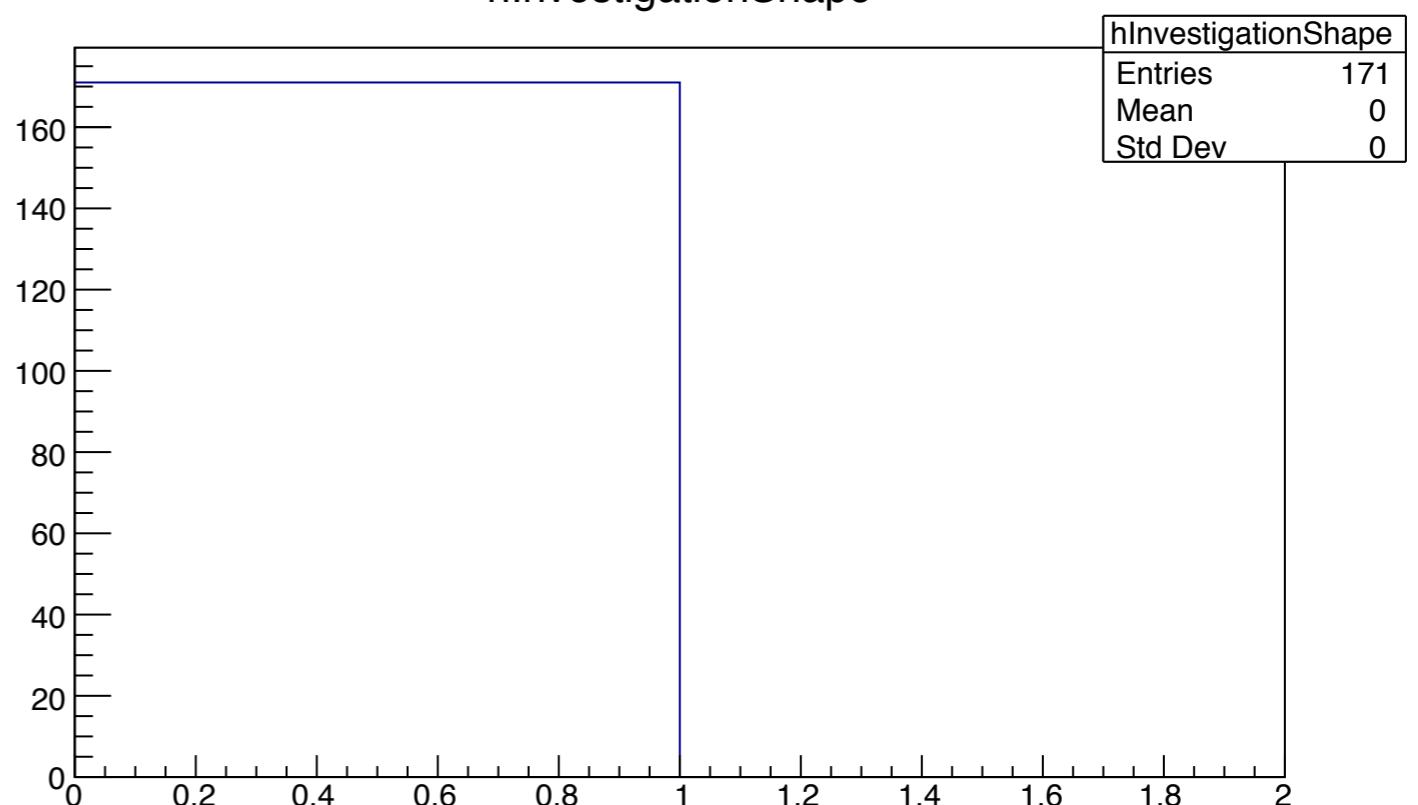
hInvestigationSimHits



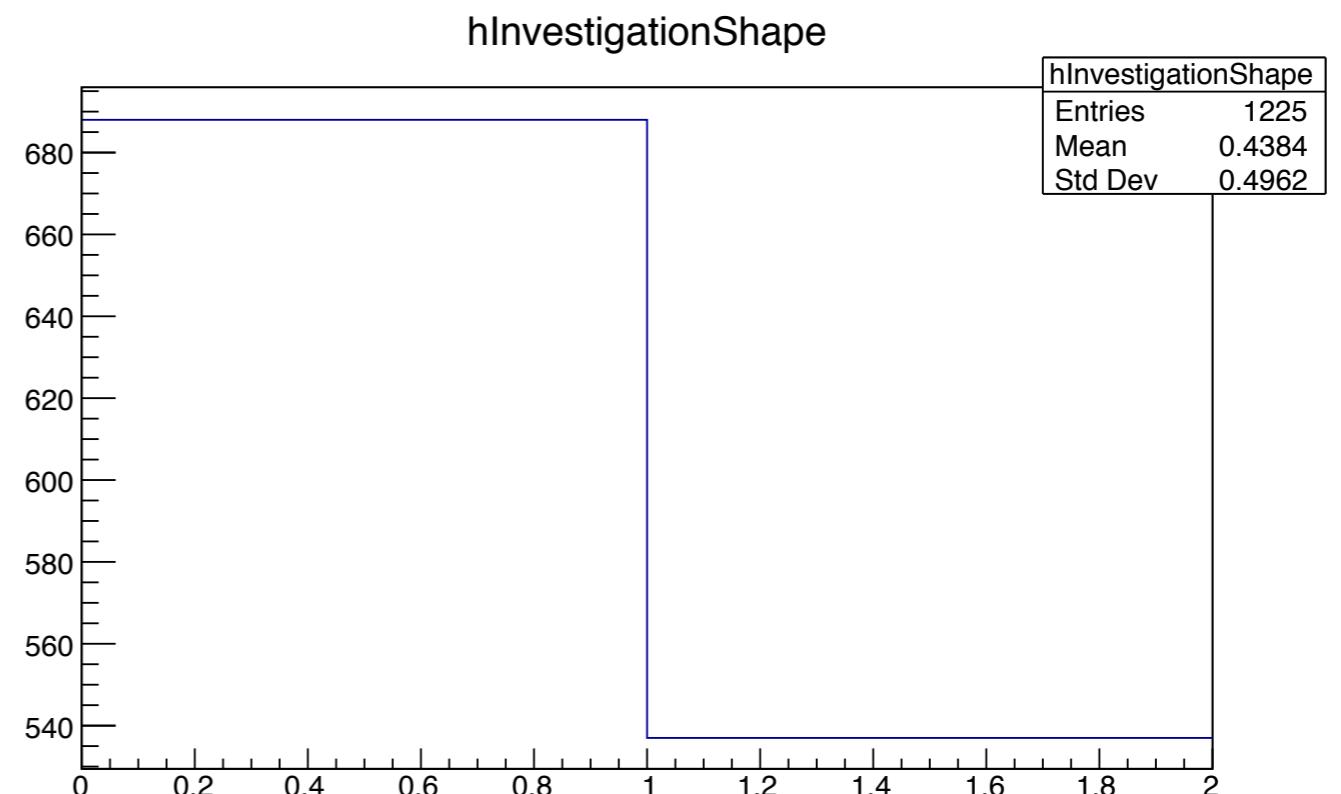
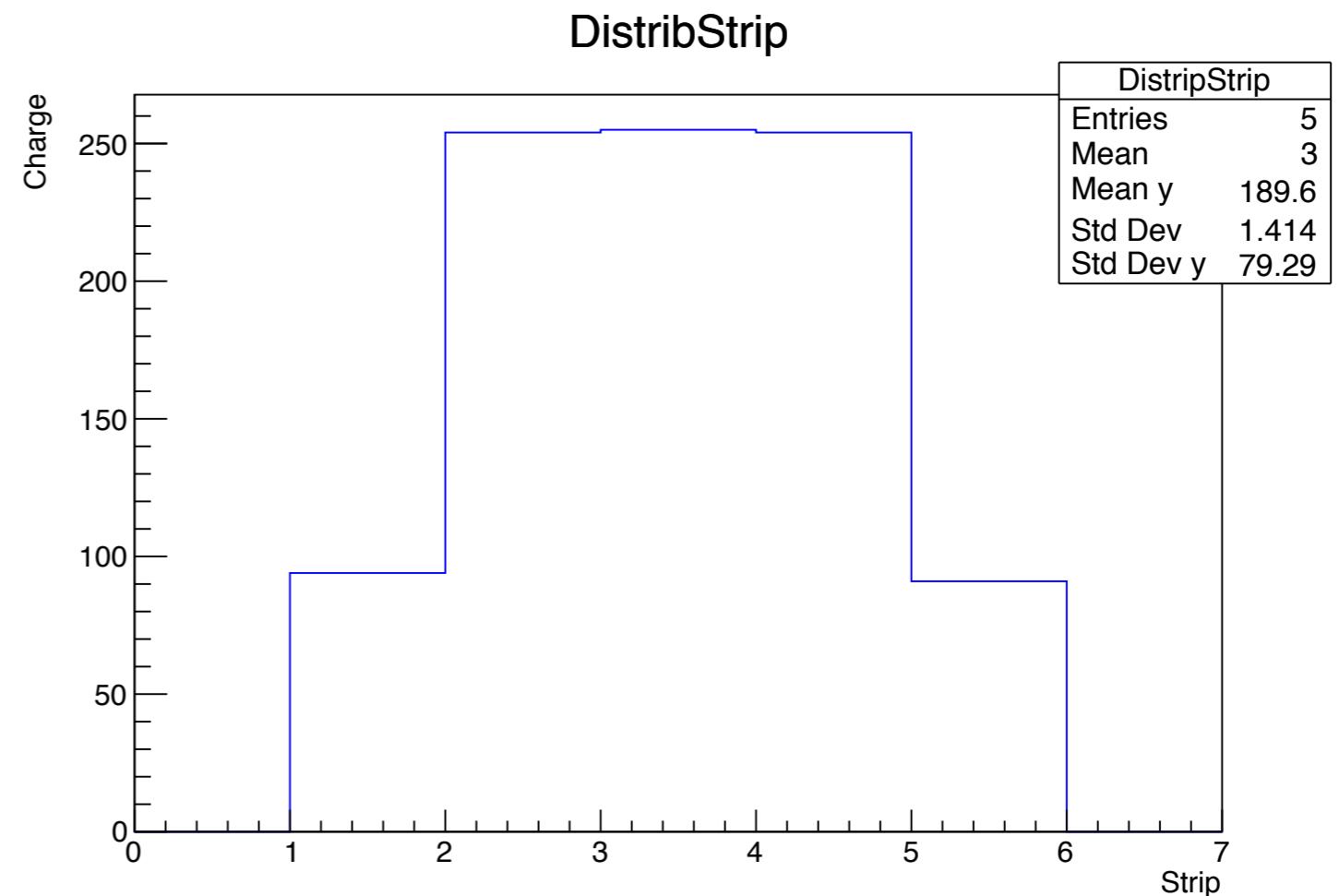
**Charge >=0.0085**



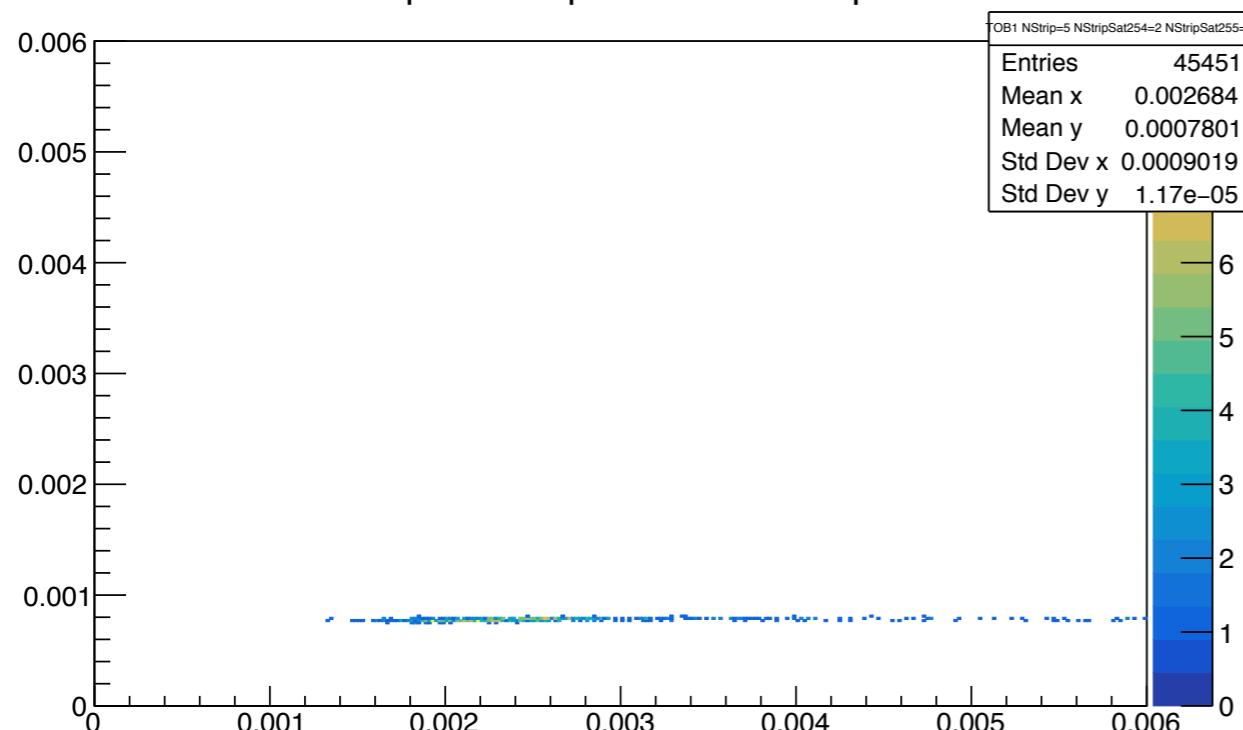
**hInvestigationShape**



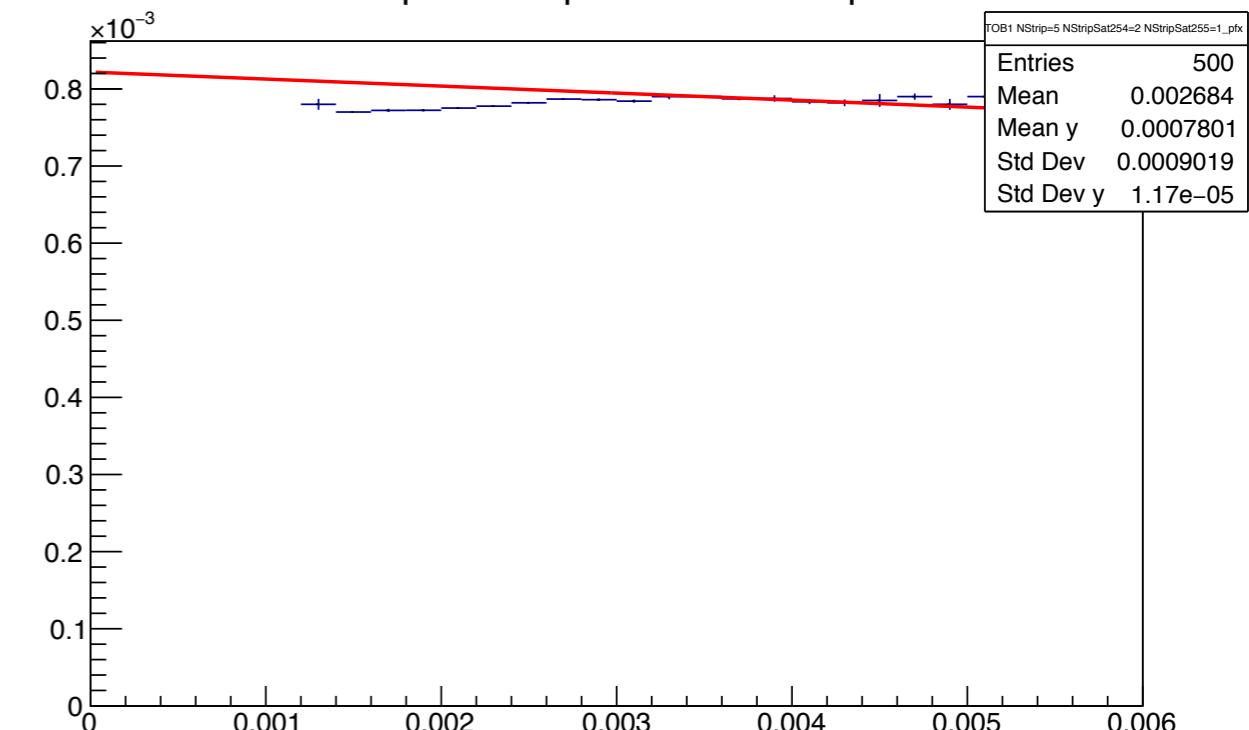
**Charge <= 0.0085**



TOB1 NStrip=5 NStripSat254=2 NStripSat255=1

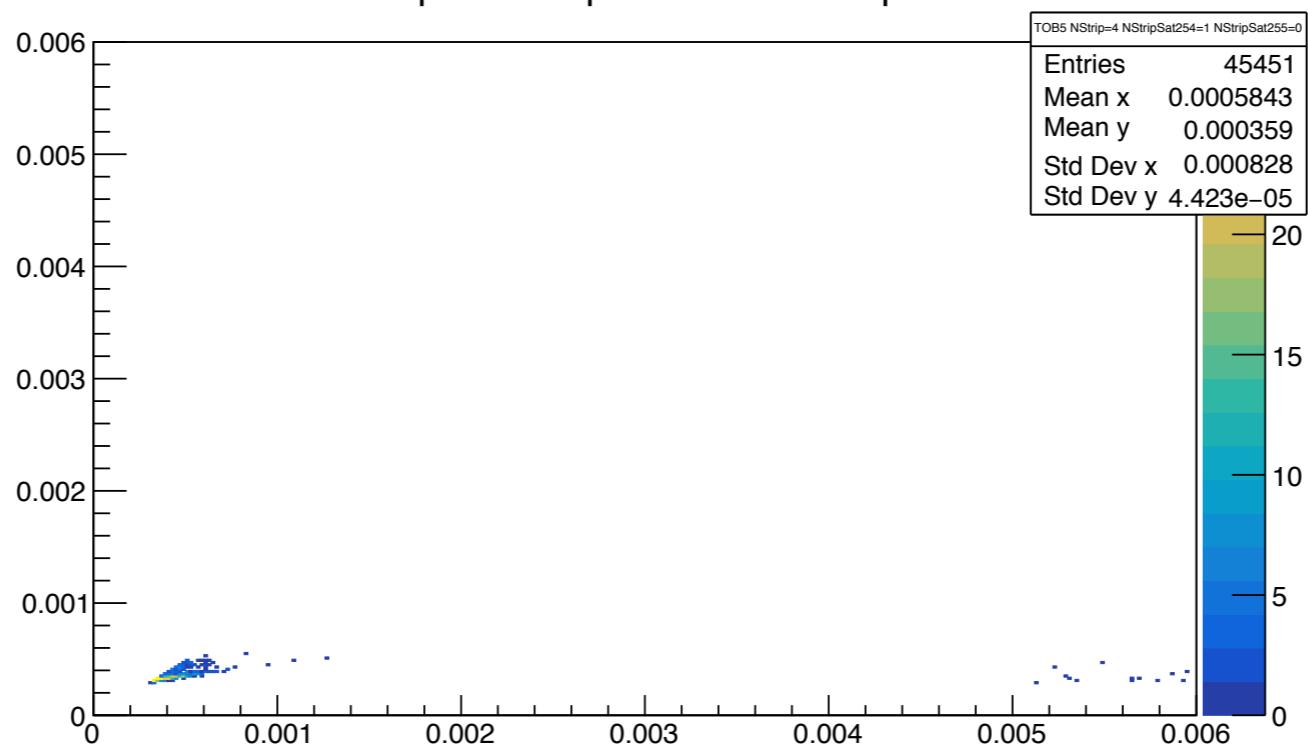


TOB1 NStrip=5 NStripSat254=2 NStripSat255=1

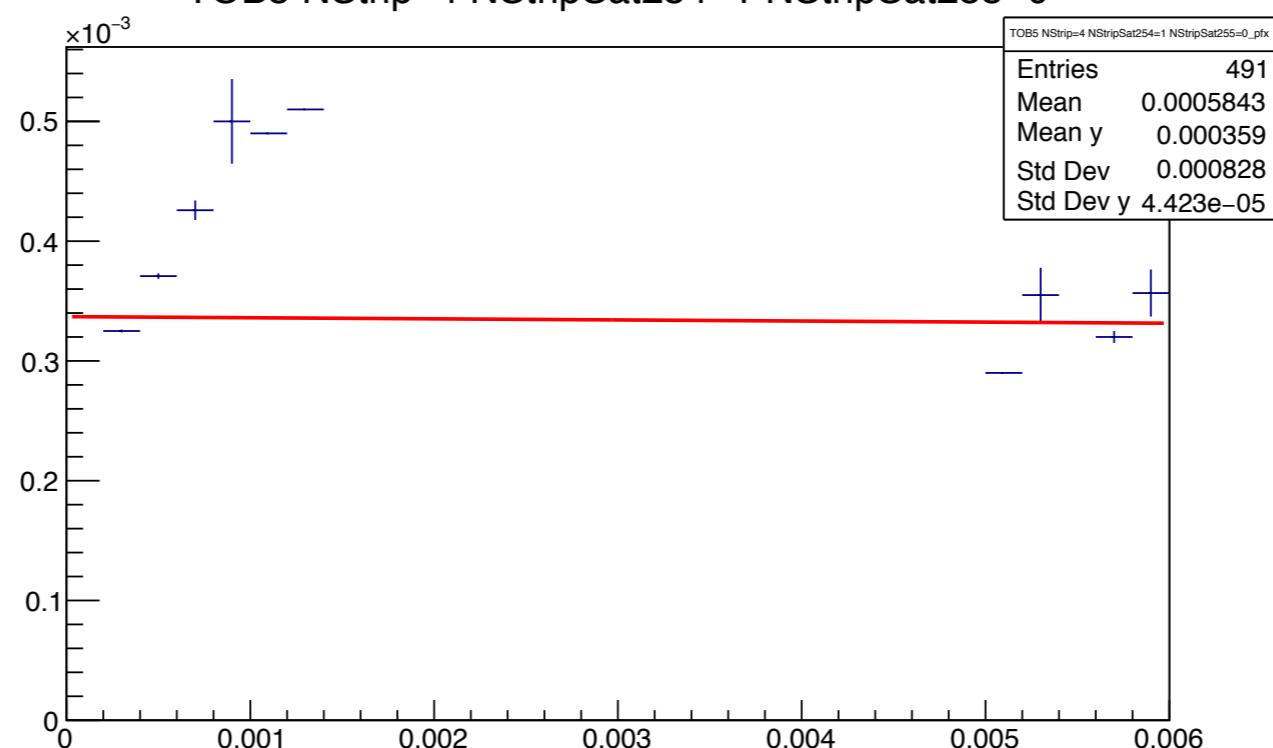


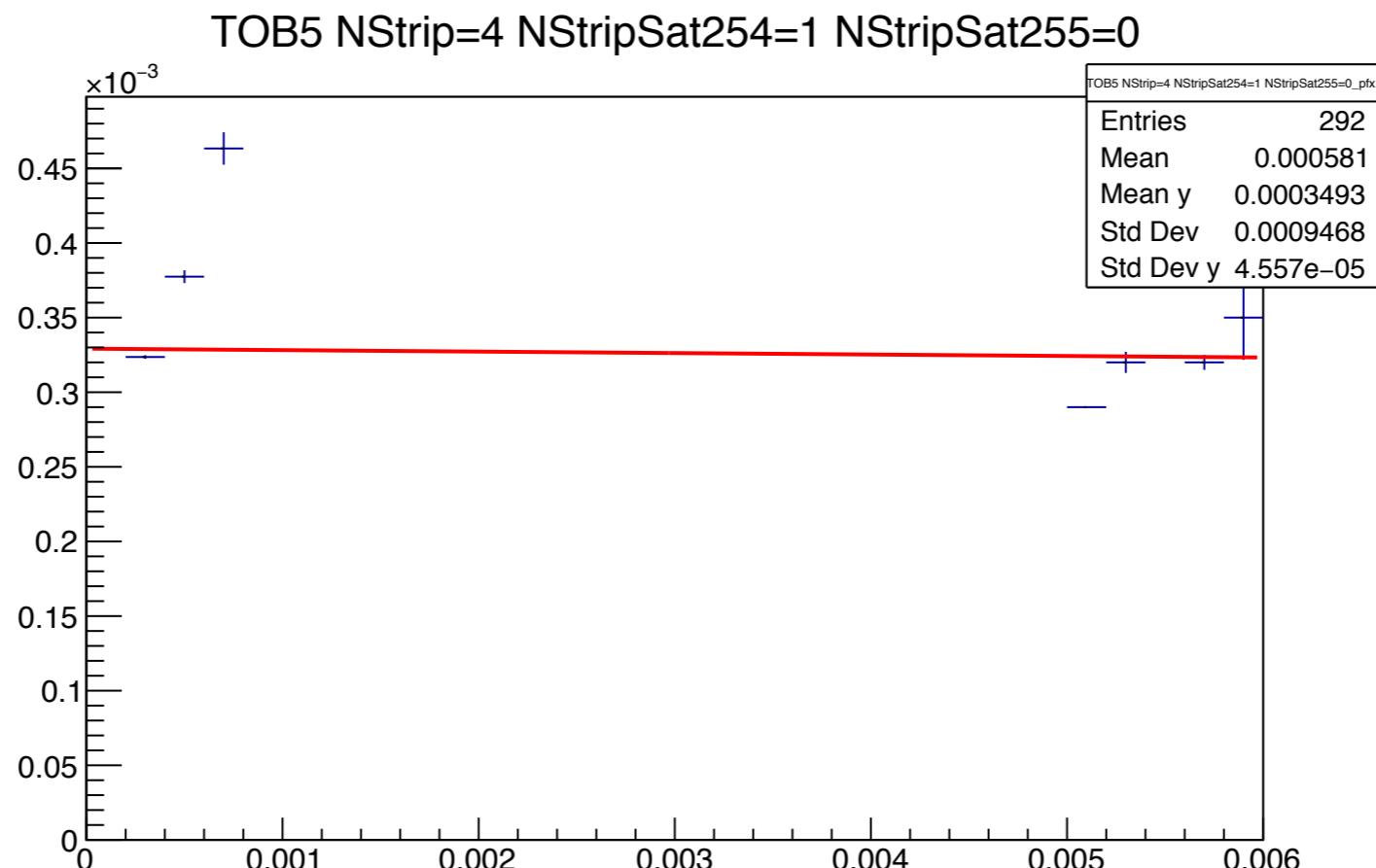
## Filtre cluster shape dans le builder

TOB5 NStrip=4 NStripSat254=1 NStripSat255=0



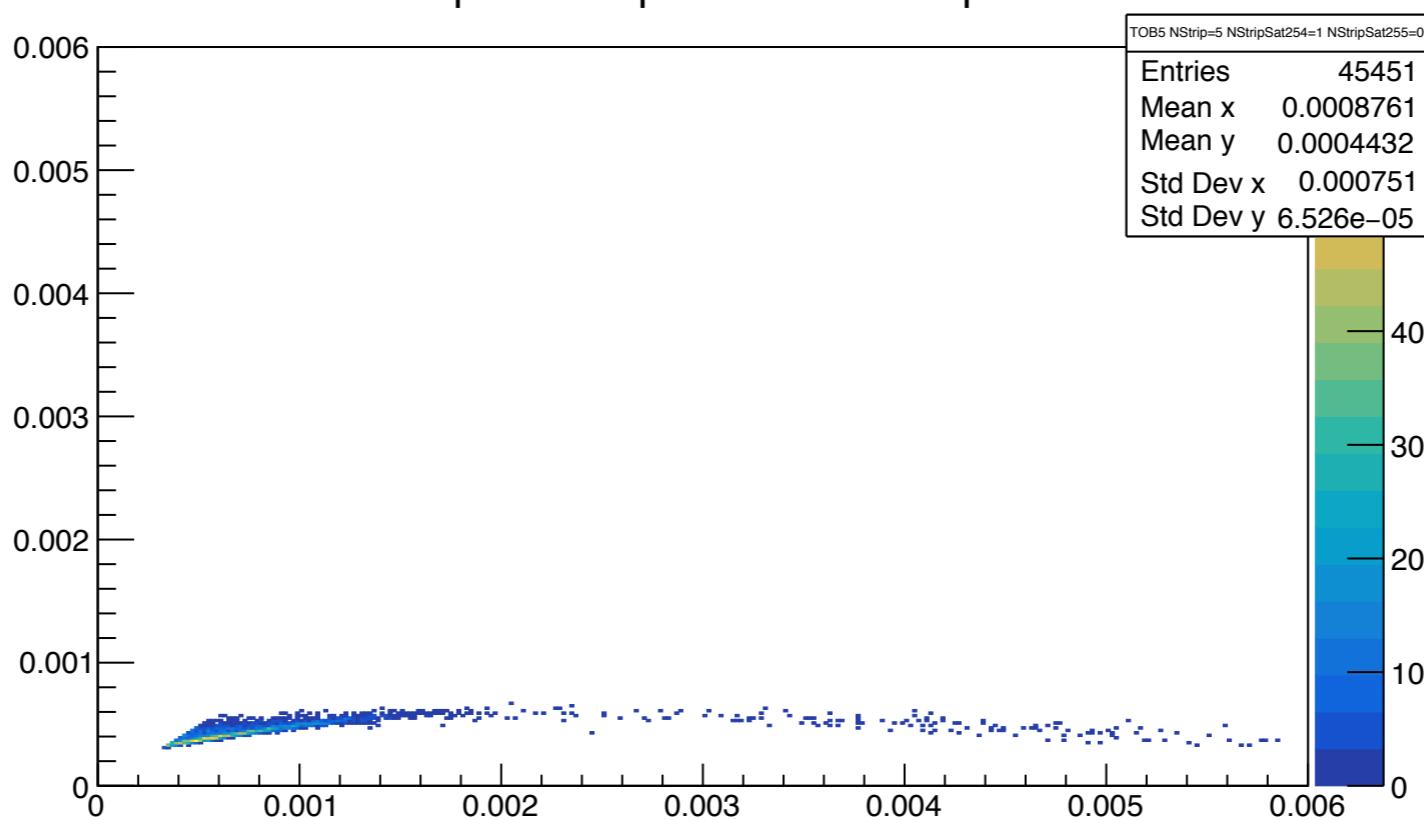
TOB5 NStrip=4 NStripSat254=1 NStripSat255=0



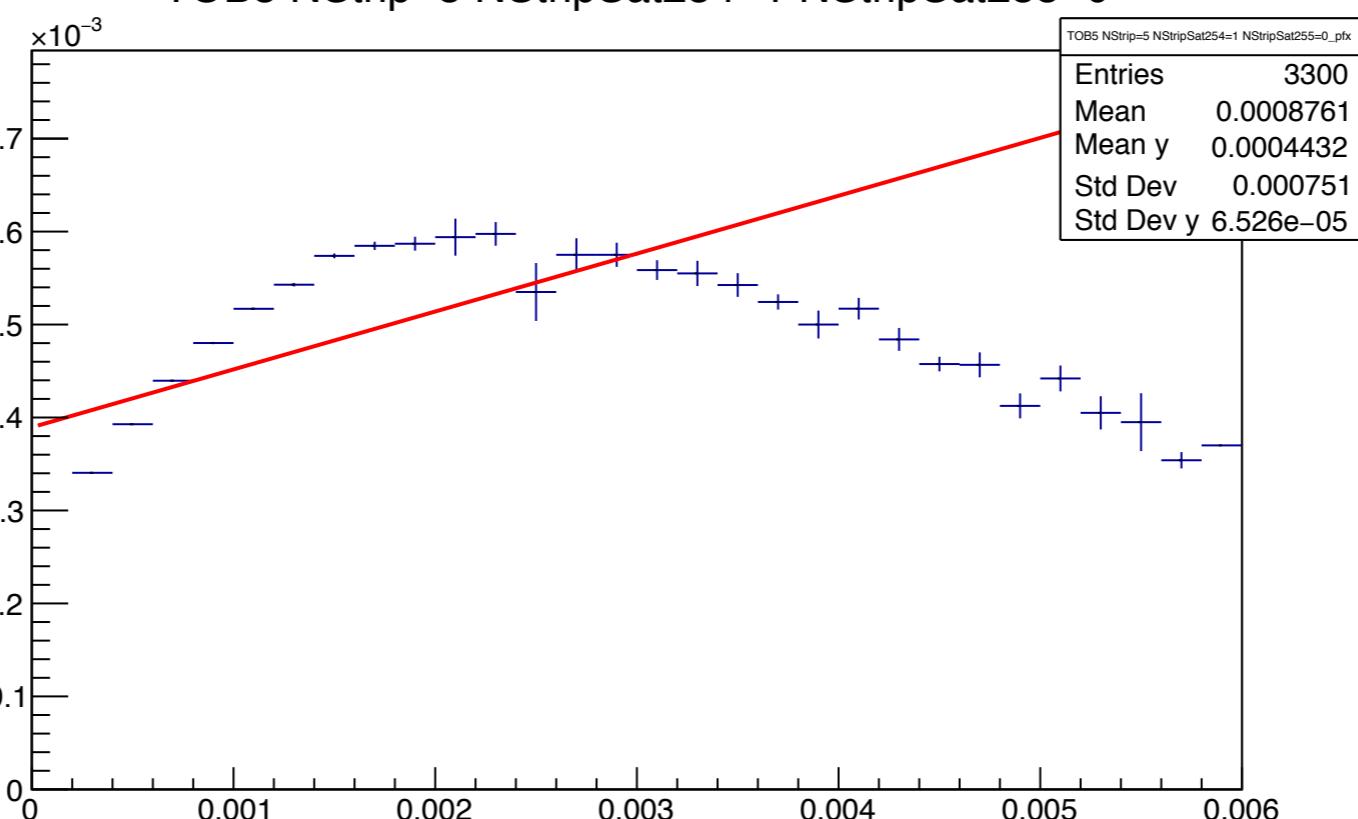


## Filtre cluster shape dans le builder

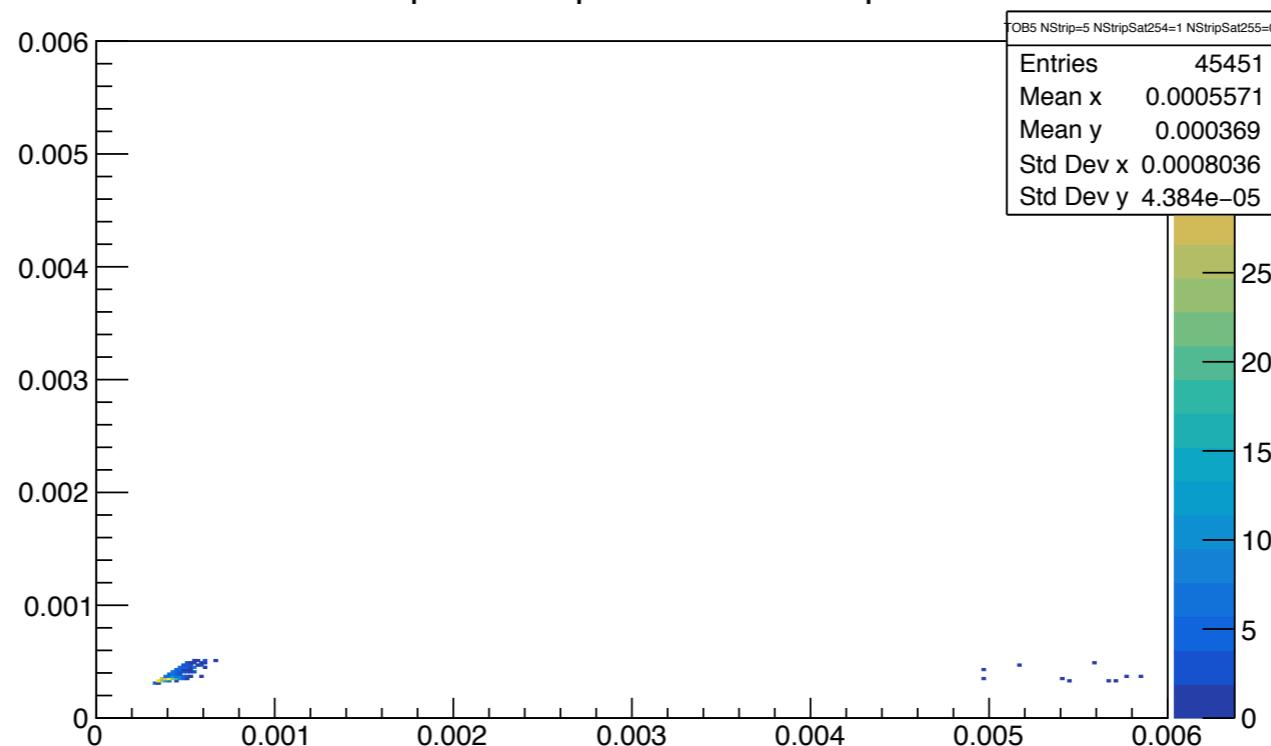
TOB5 NStrip=5 NStripSat254=1 NStripSat255=0



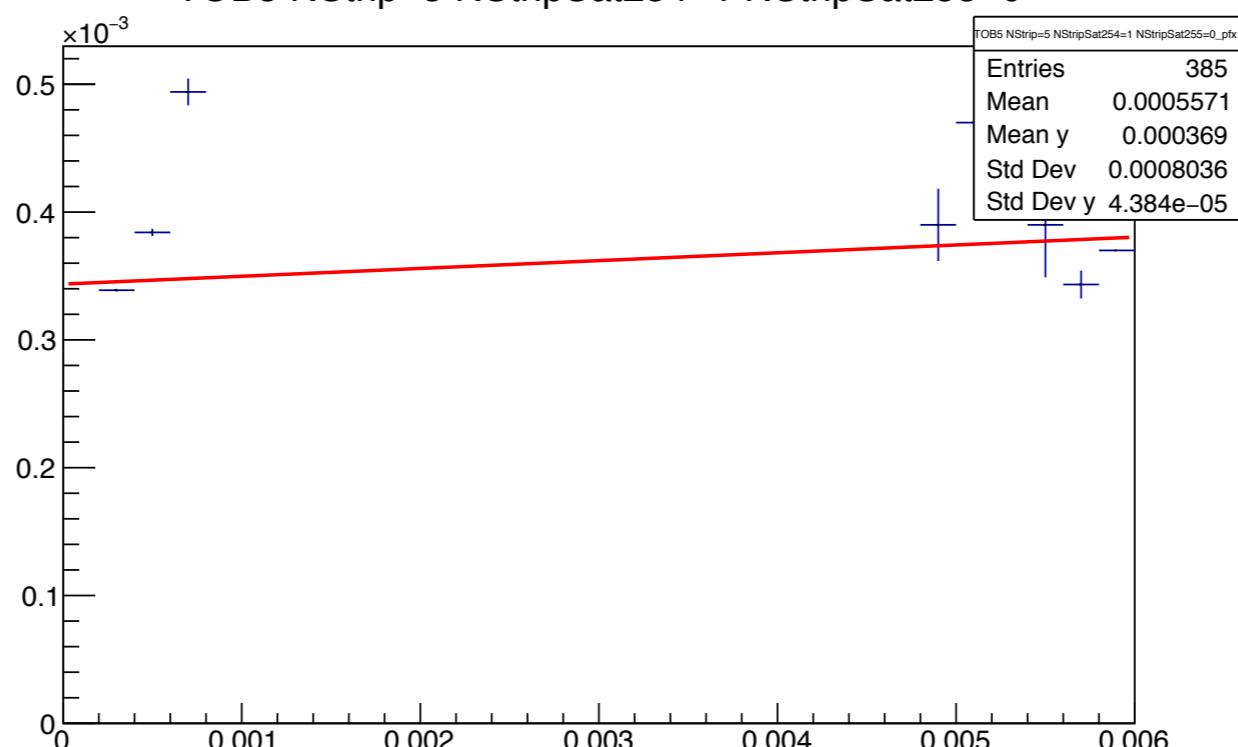
TOB5 NStrip=5 NStripSat254=1 NStripSat255=0



TOB5 NStrip=5 NStripSat254=1 NStripSat255=0

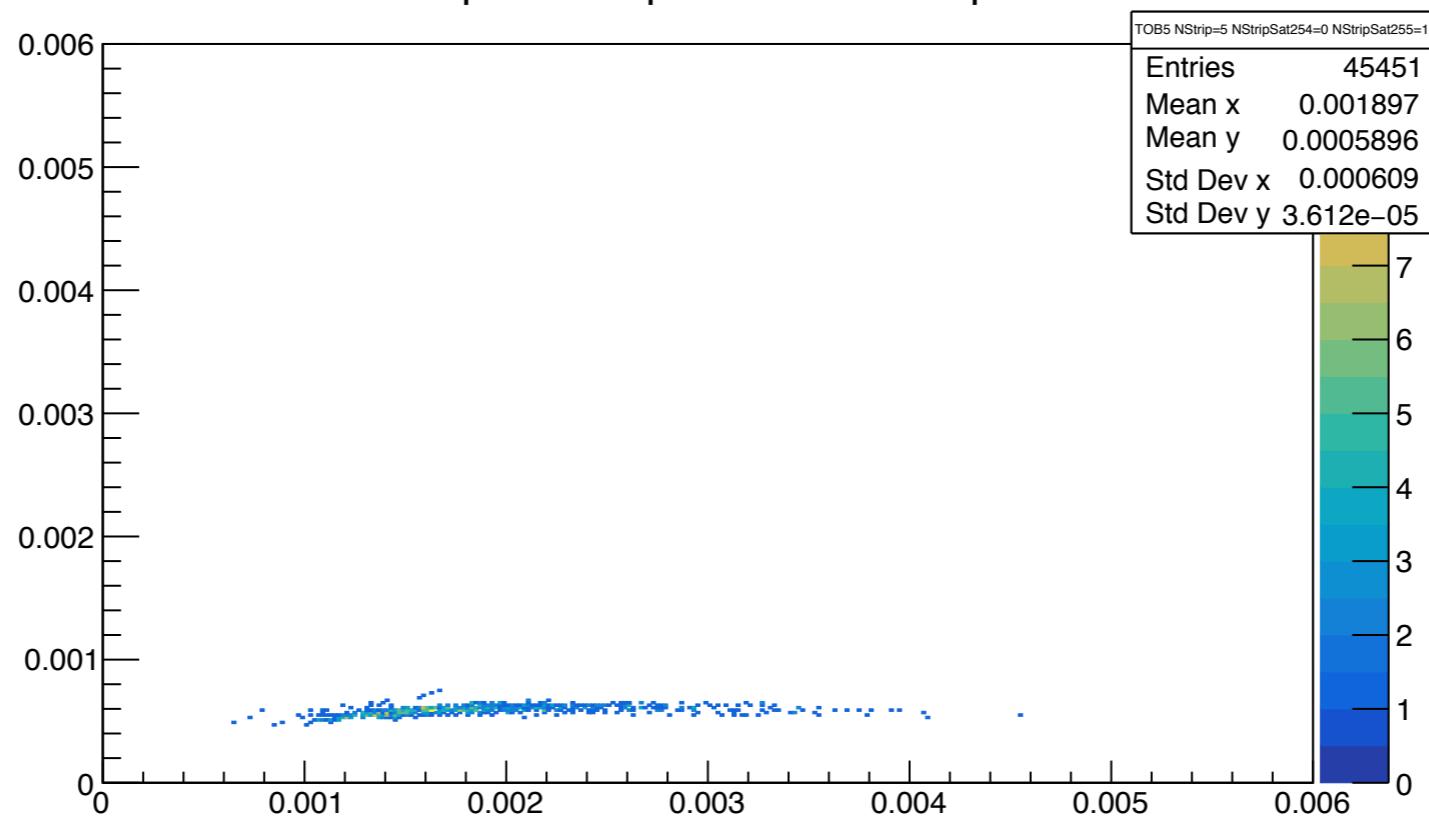


TOB5 NStrip=5 NStripSat254=1 NStripSat255=0

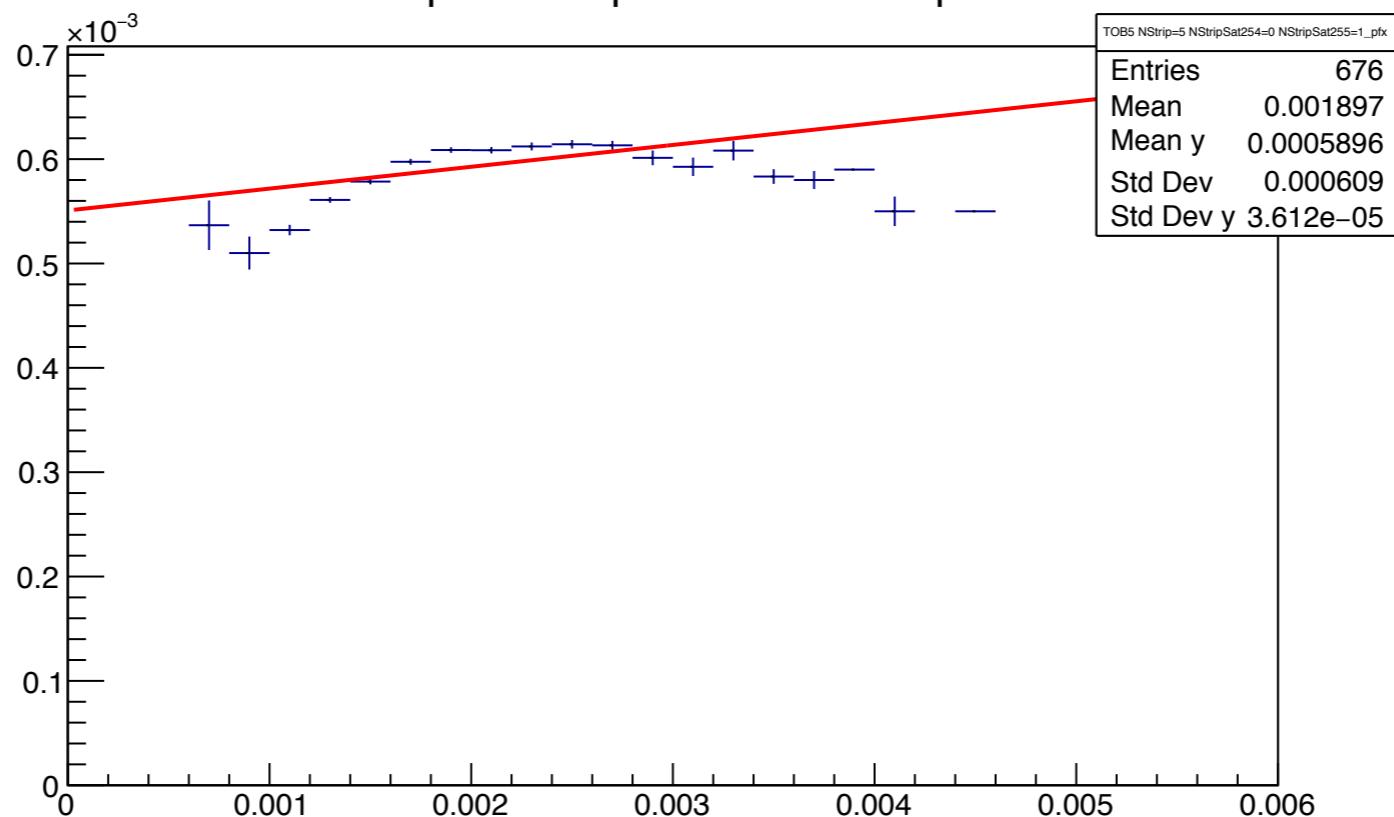


Filtre cluster shape dans le builder

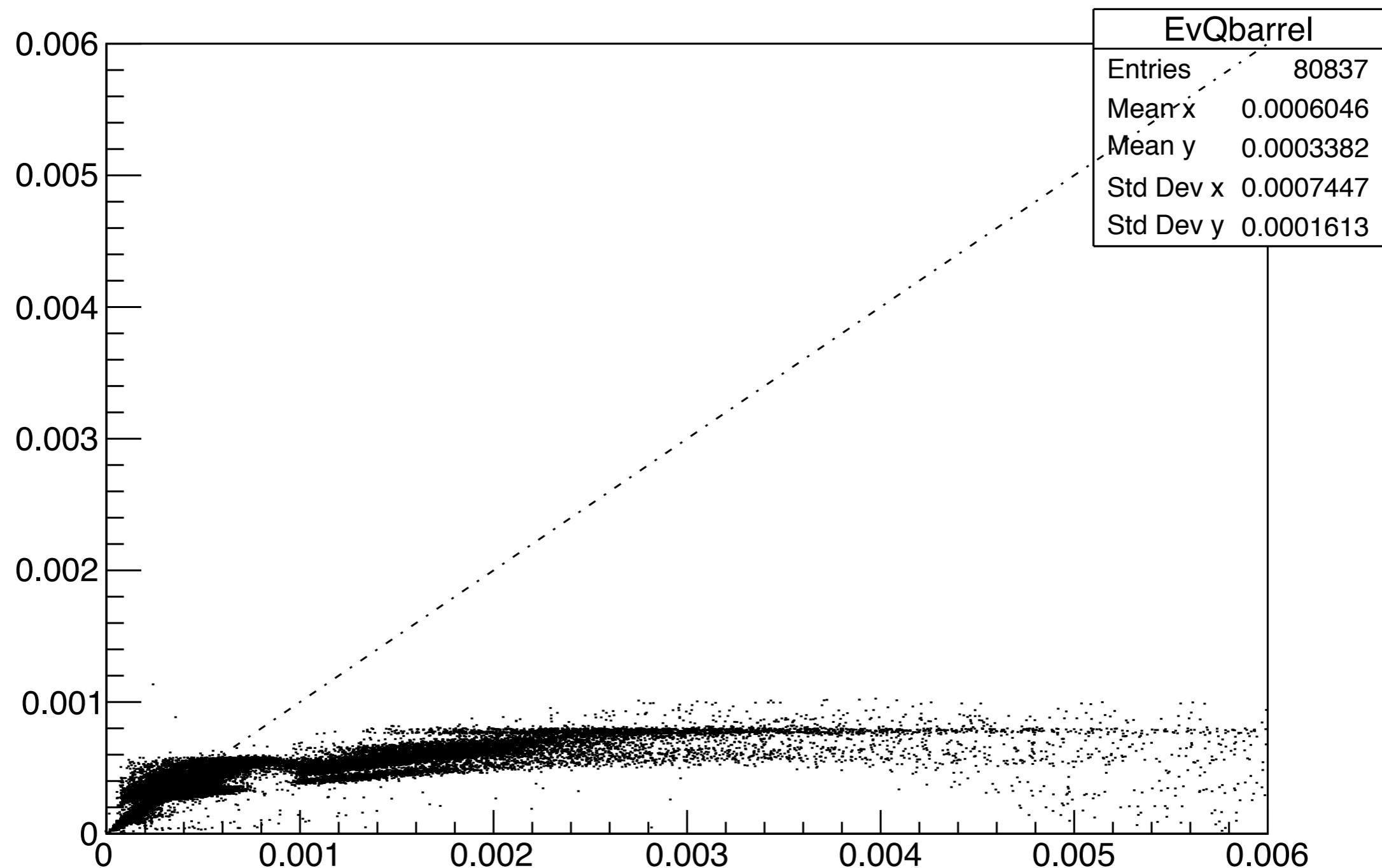
TOB5 NStrip=5 NStripSat254=0 NStripSat255=1



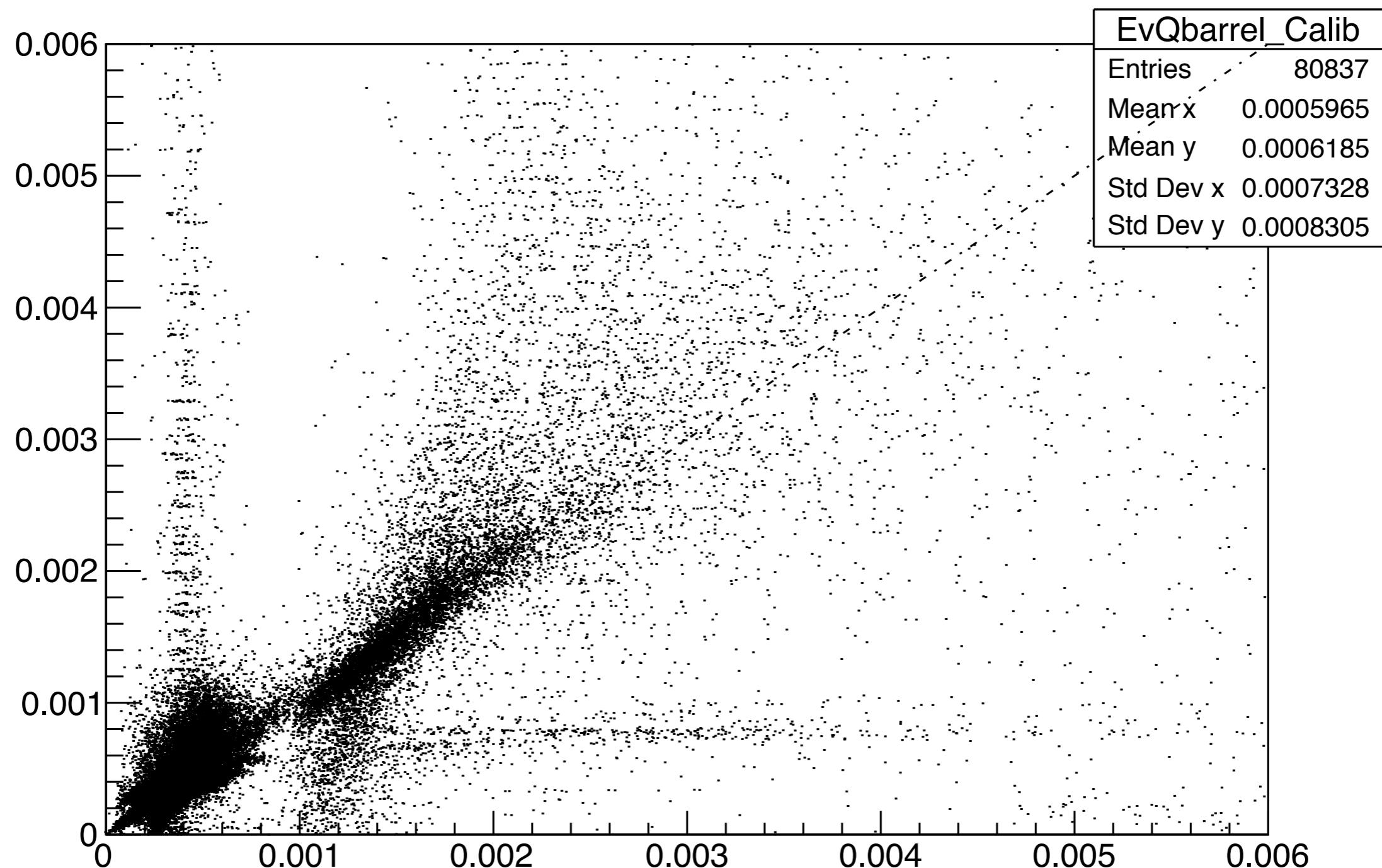
TOB5 NStrip=5 NStripSat254=0 NStripSat255=1



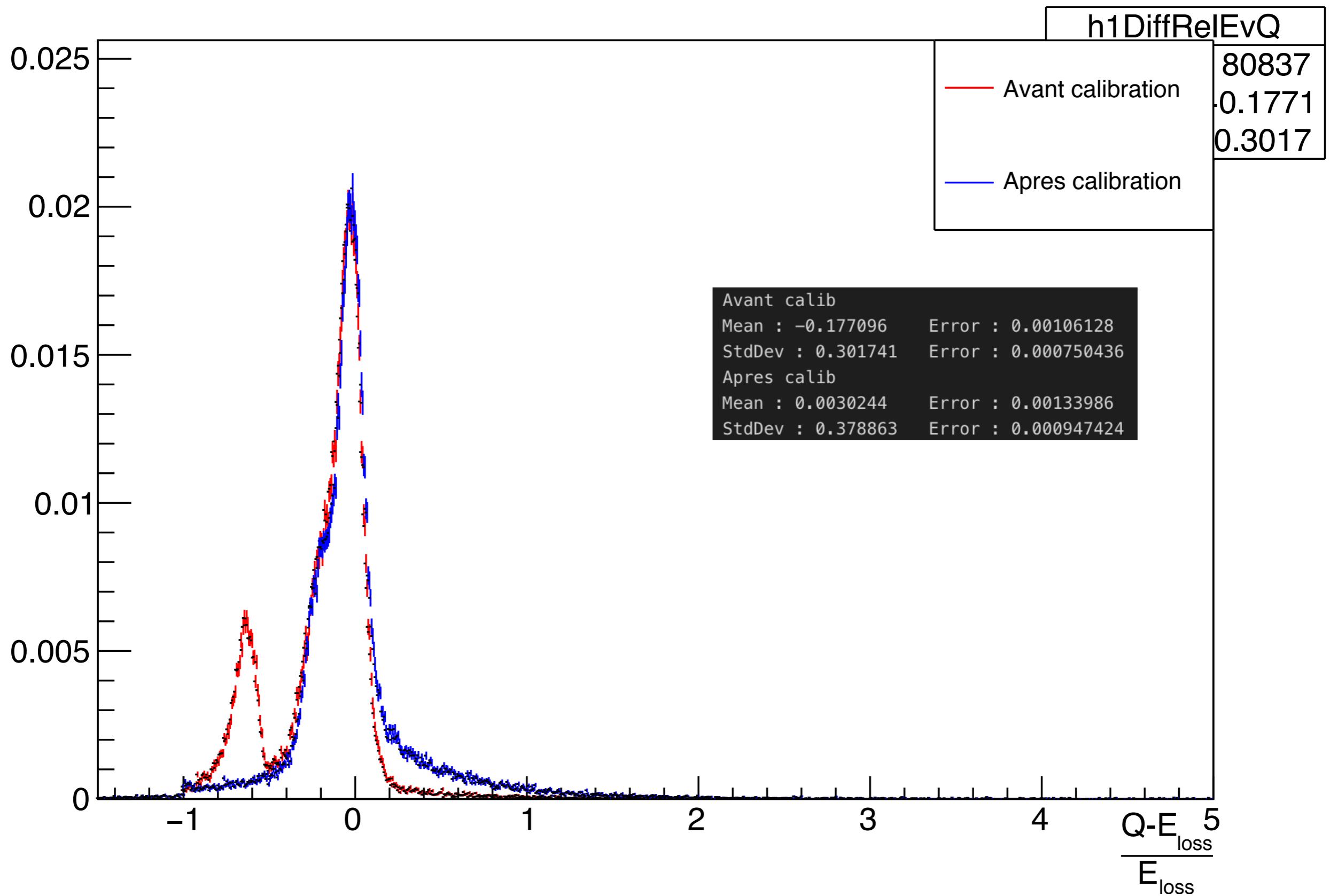
## EvQbarrel



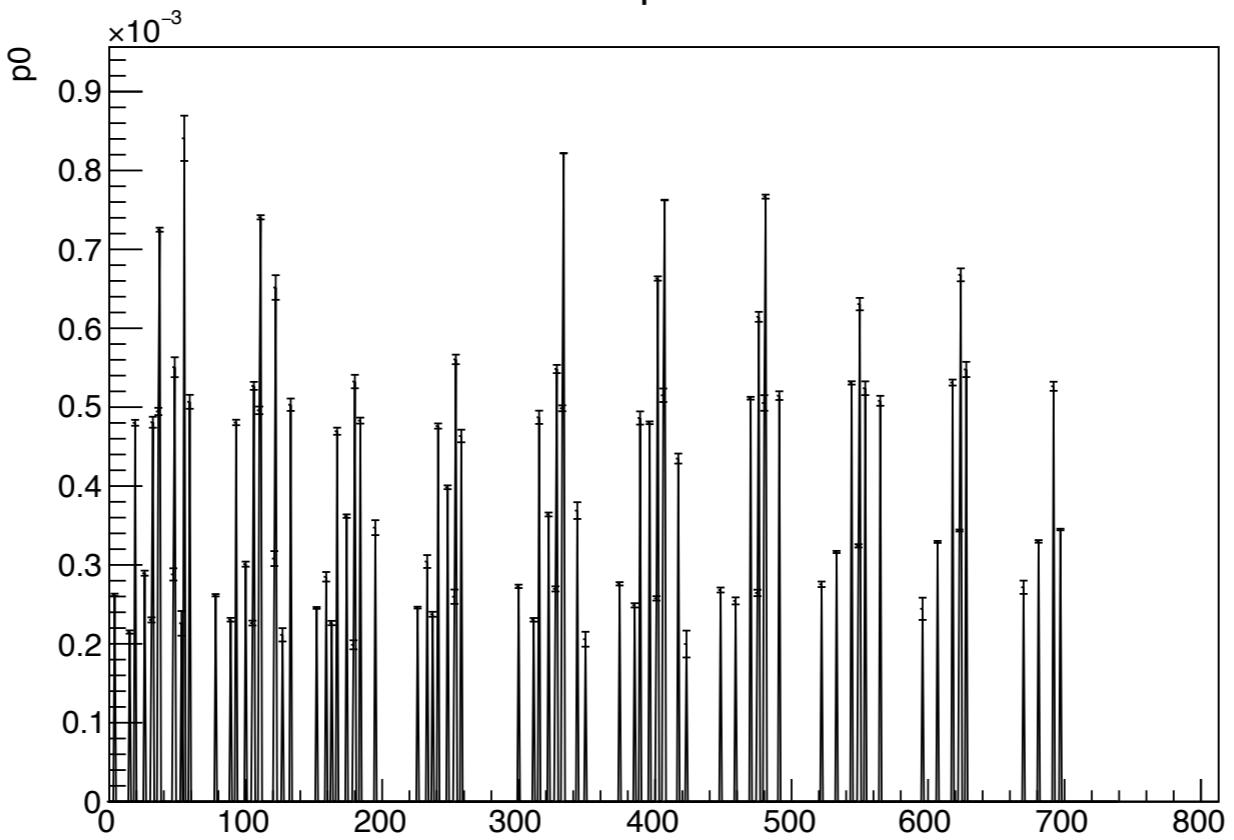
## EvQbarrel\_Calib



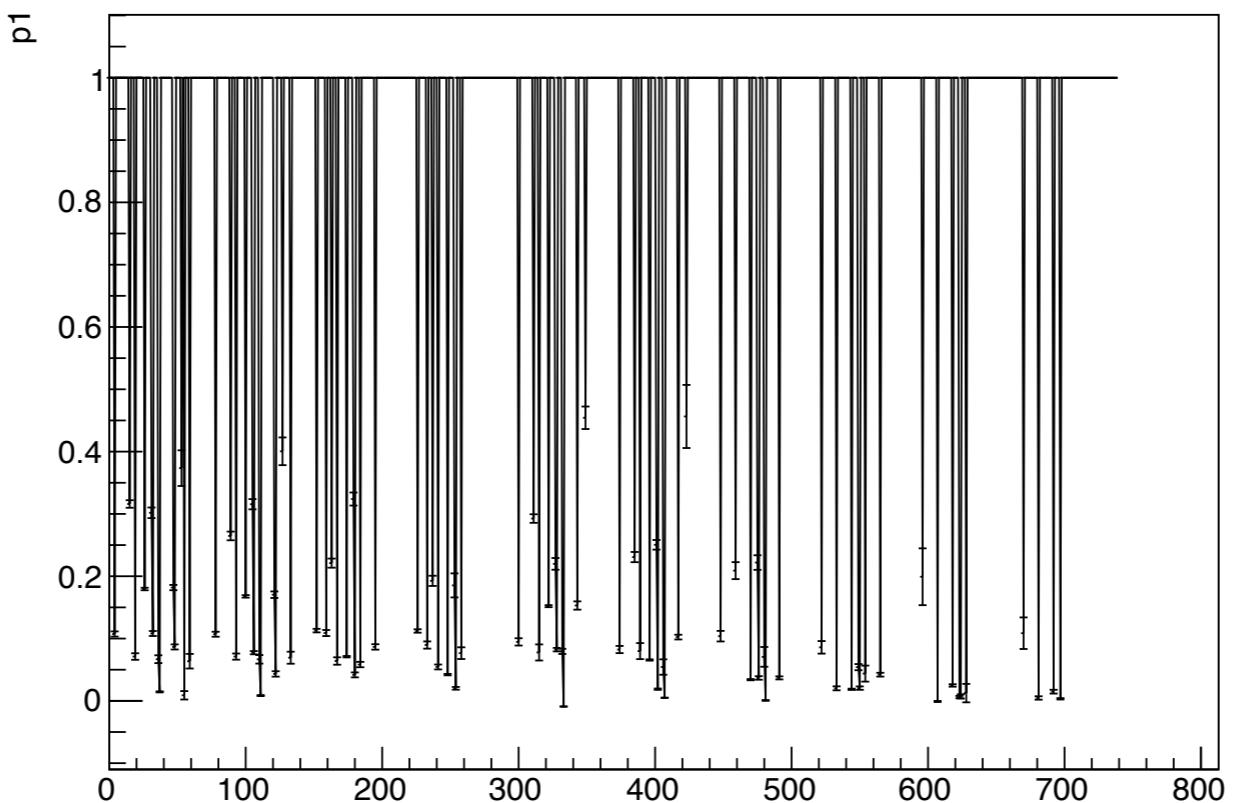
# Calibration



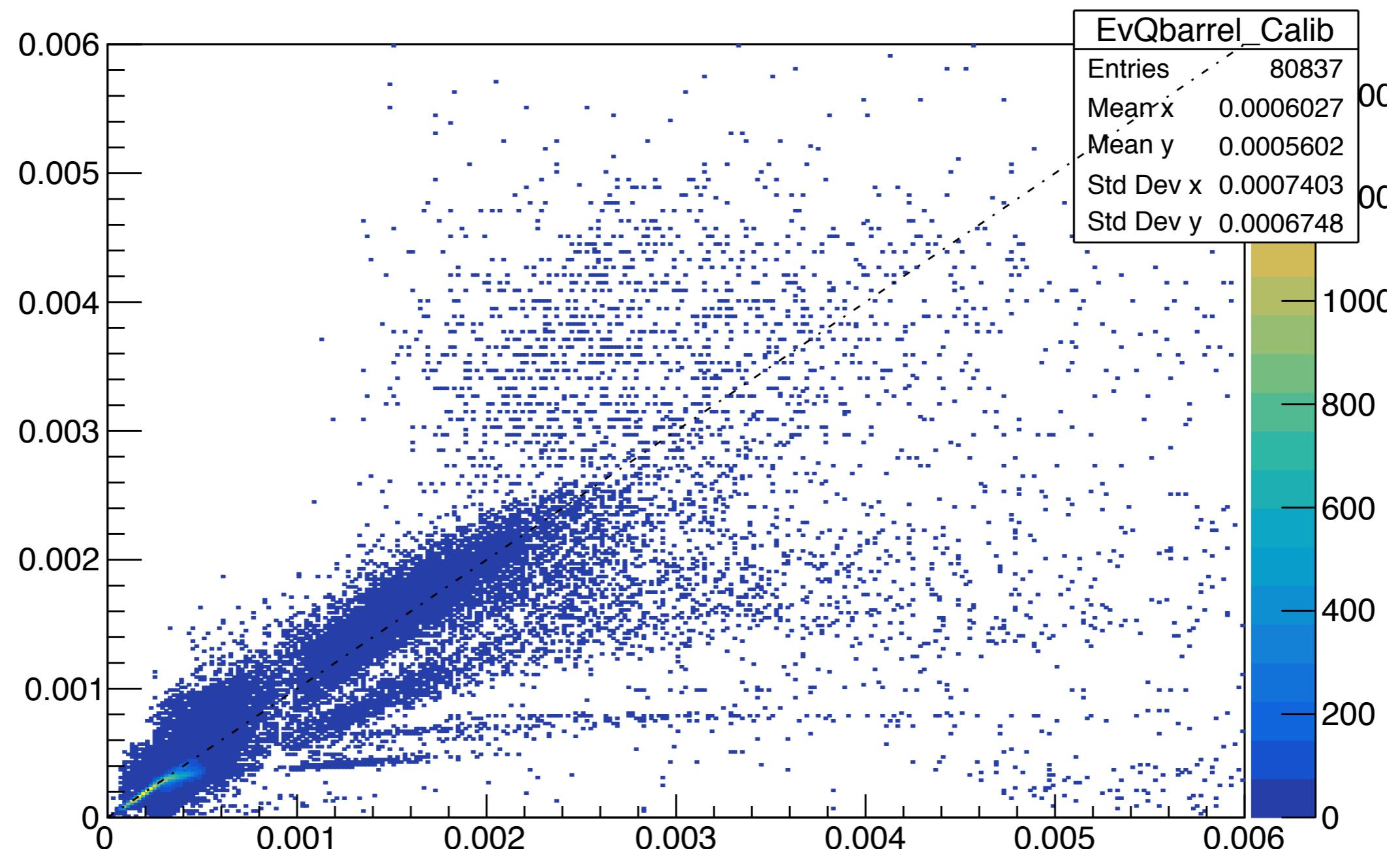
p0



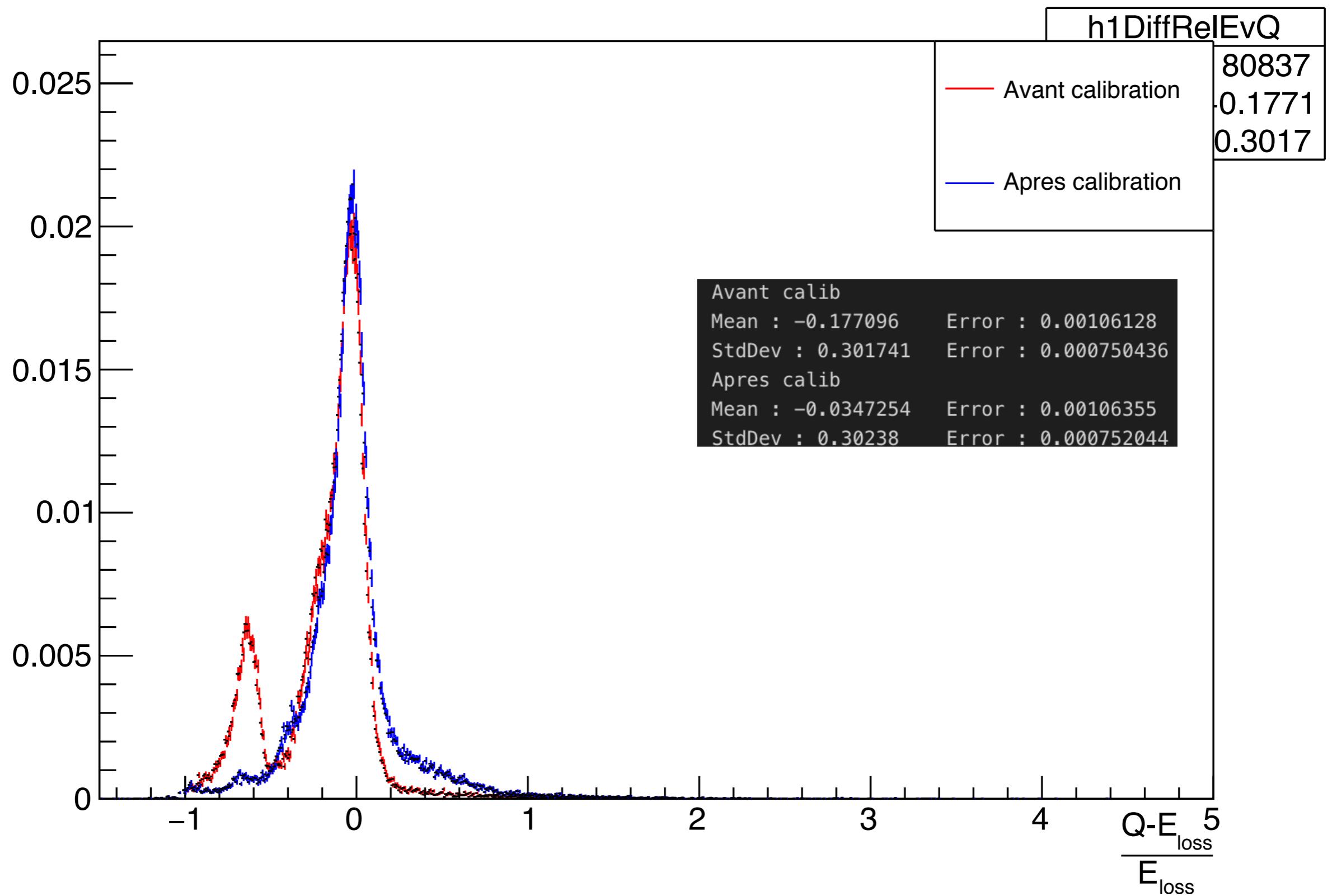
p1



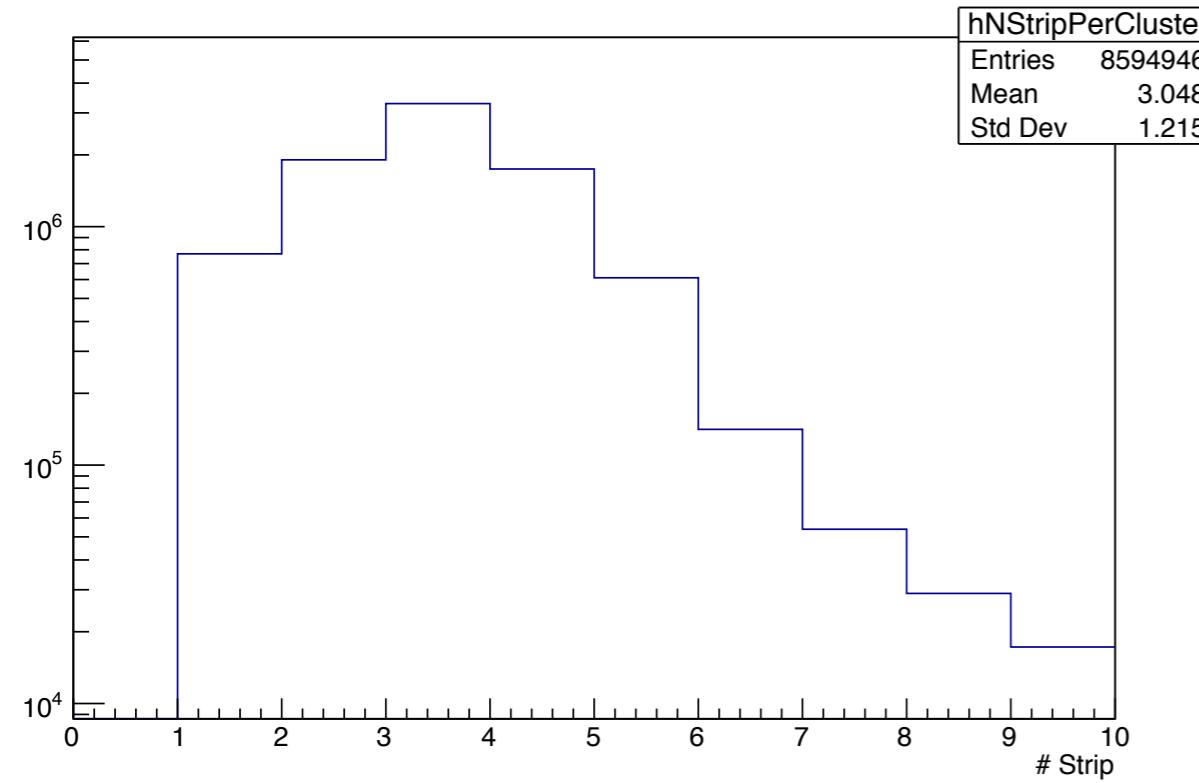
## EvQbarrel\_Calib



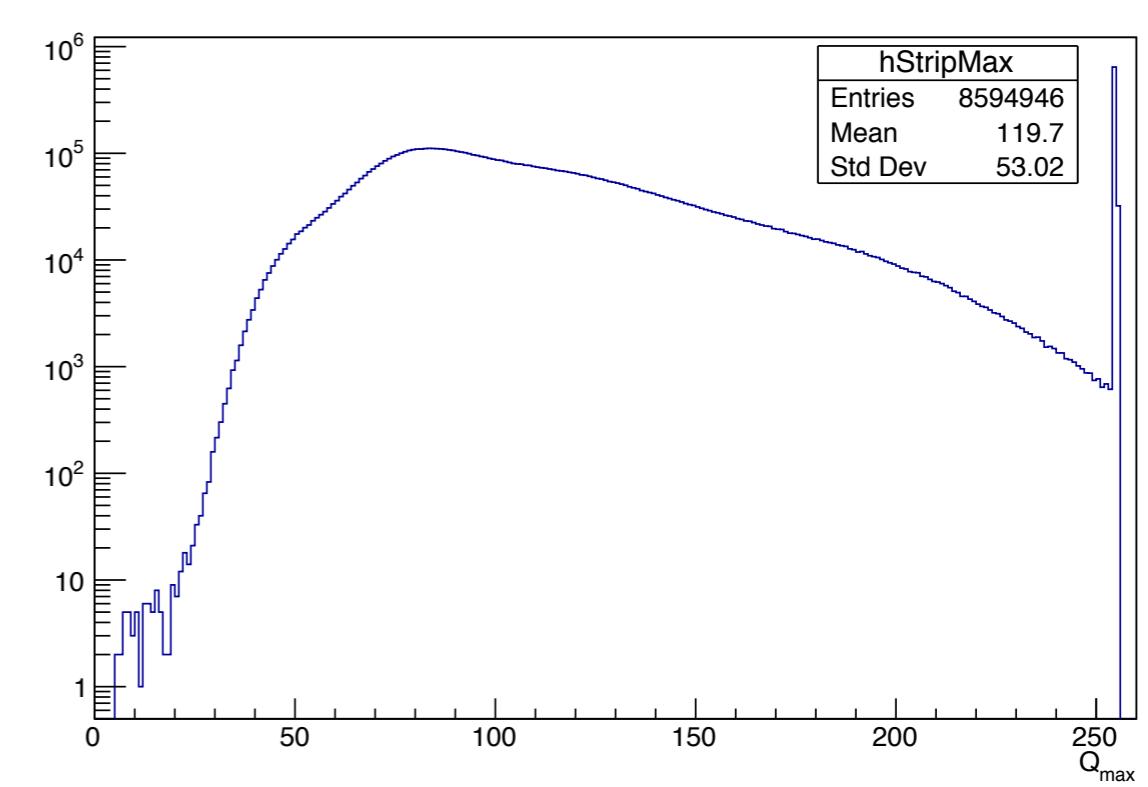
# Calibration



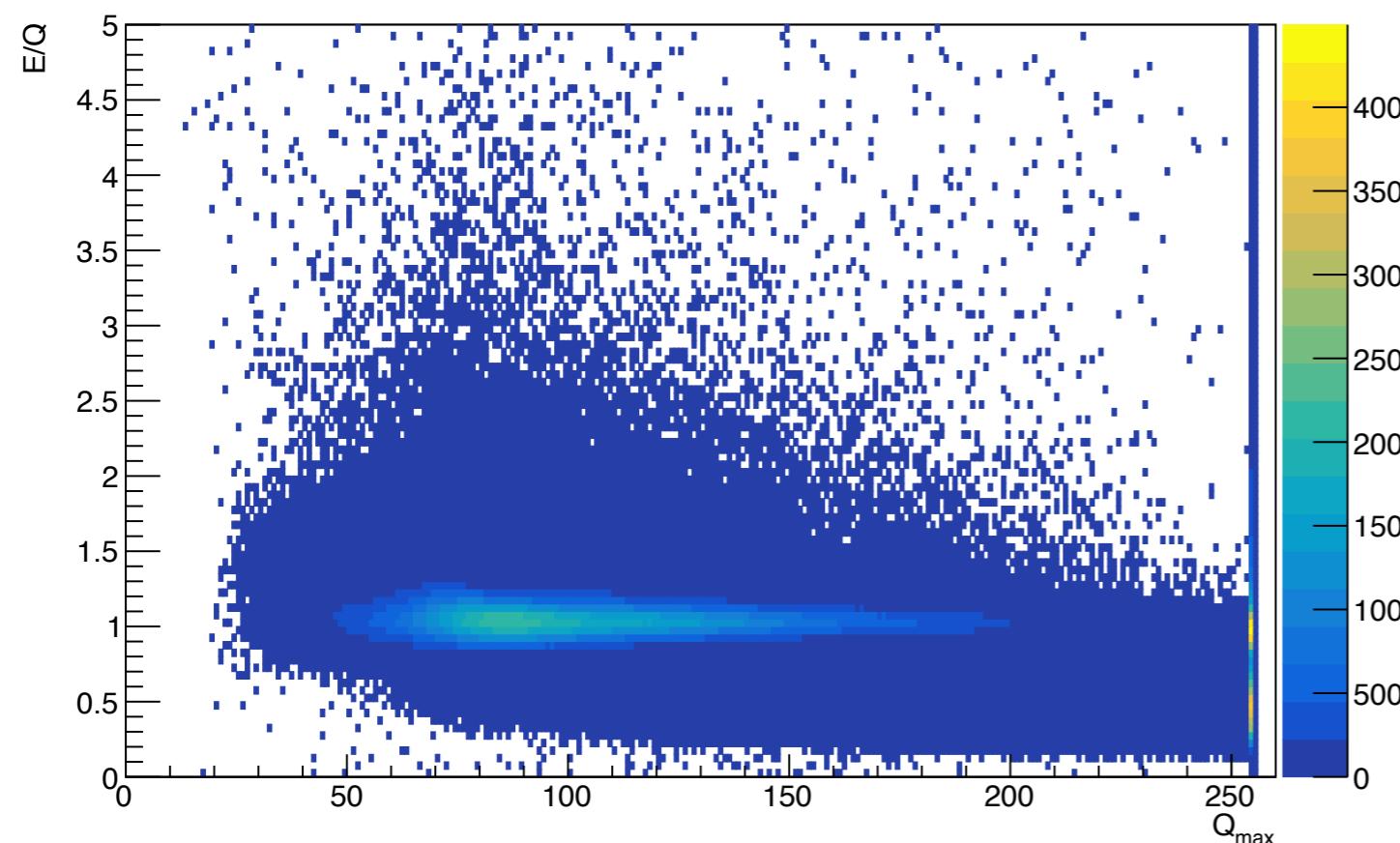
Distribution du nombre de strips par cluster



Distribution strip max

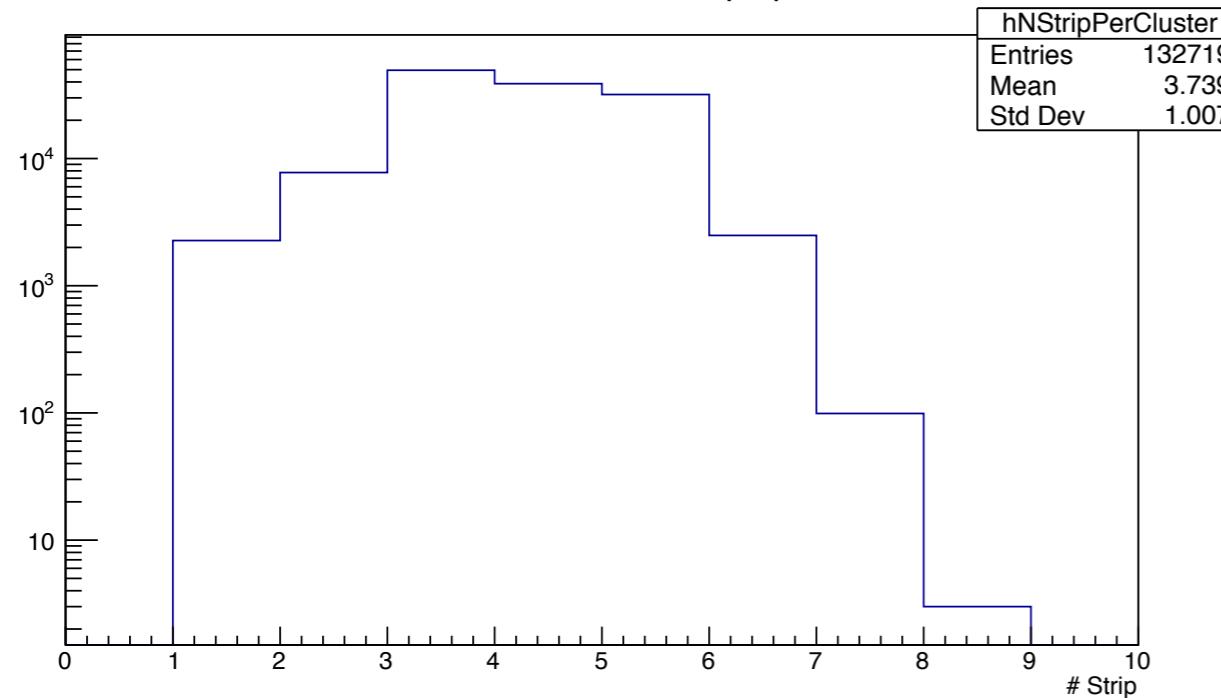


Charge de la strip max fonction de E/Q

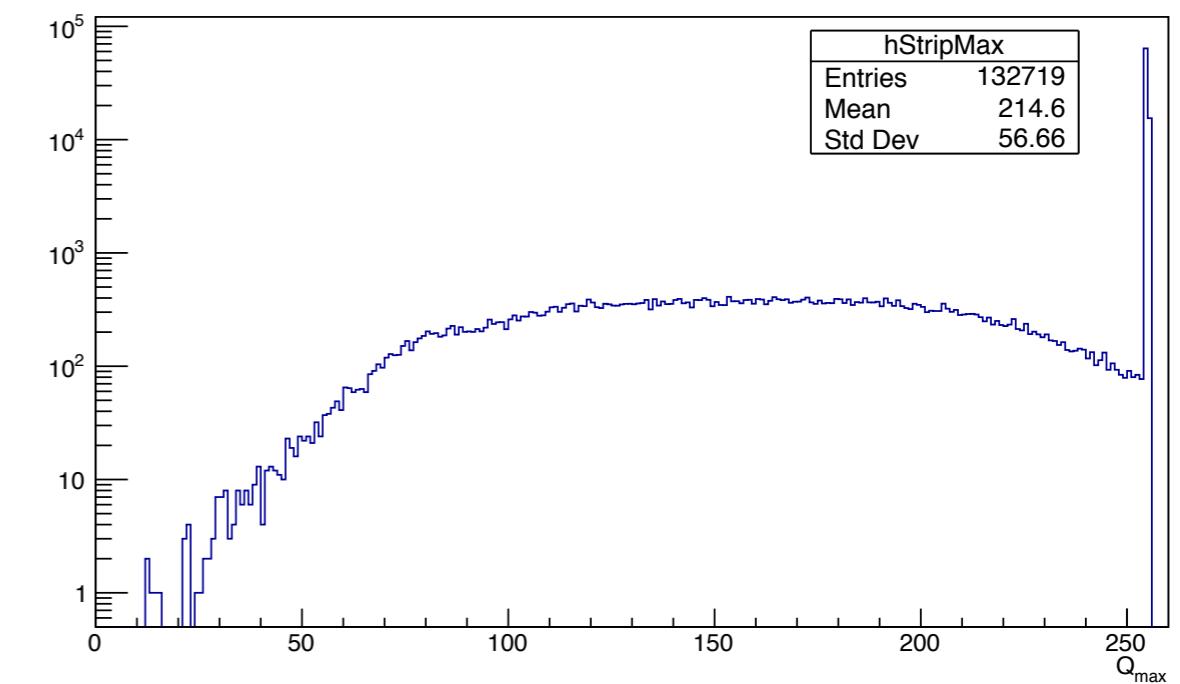


**Aucun filtre dans le builder,  
ni en pt ni cluster shape**

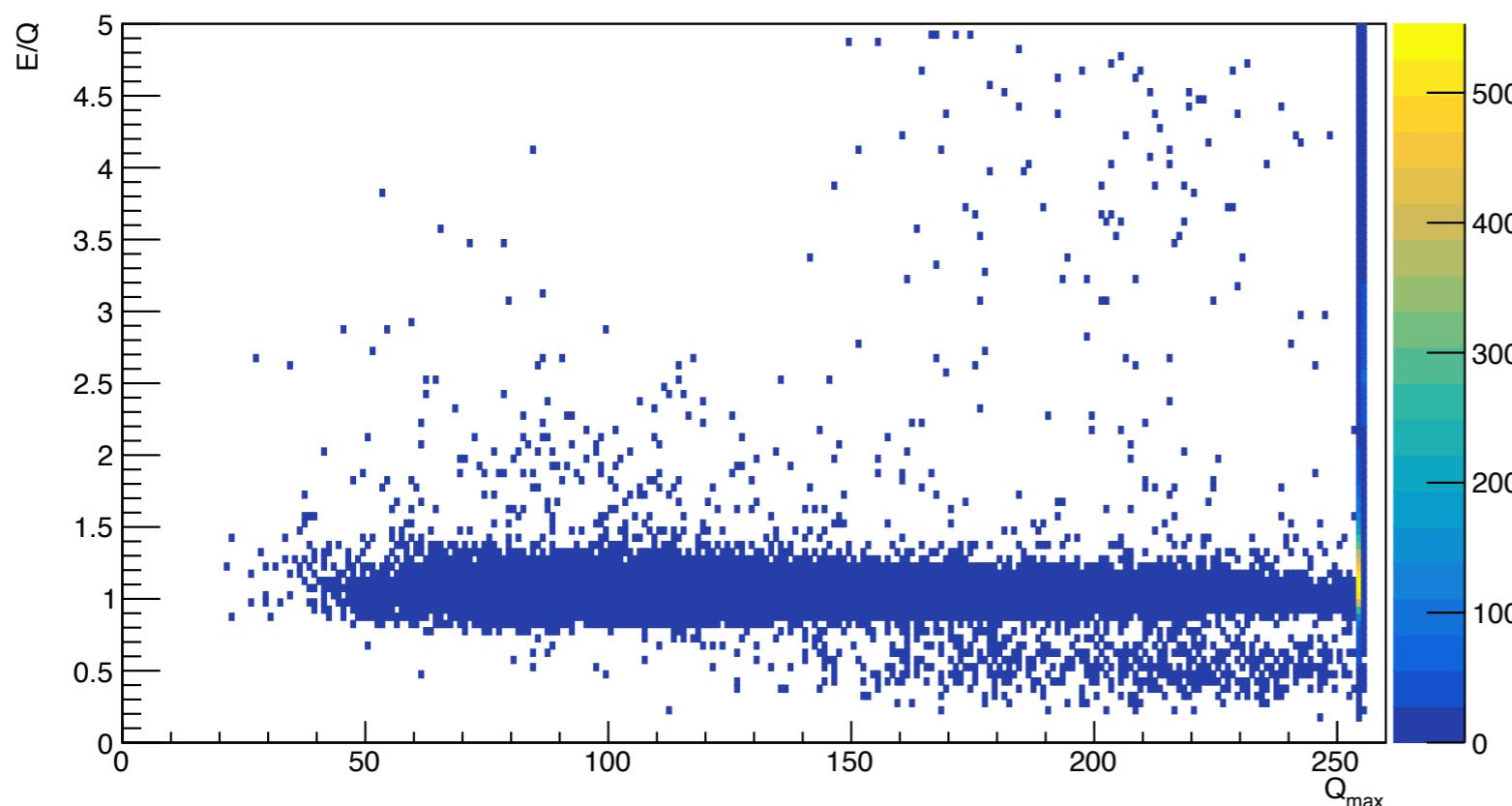
Distribution du nombre de strips par cluster



Distribution strip max

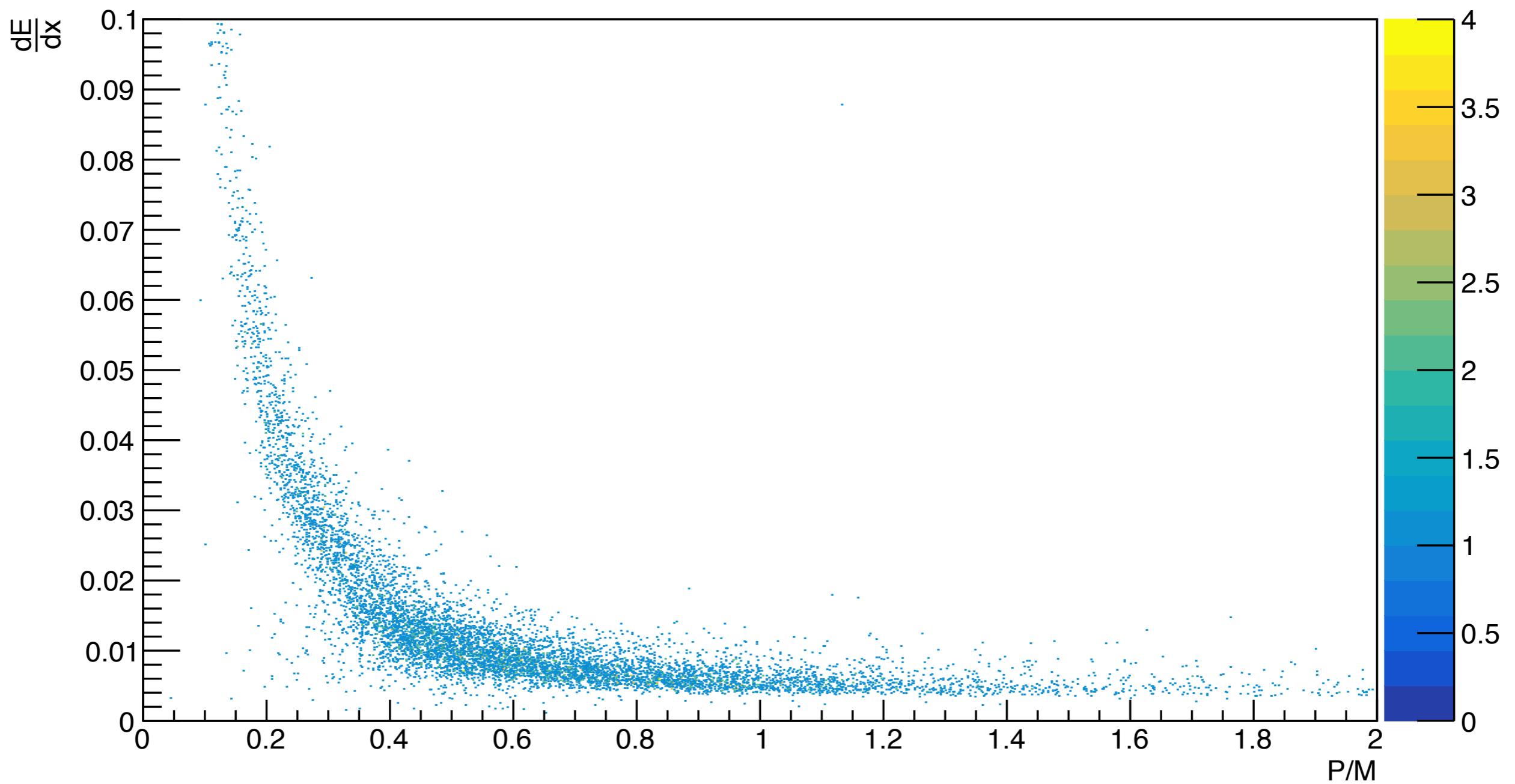


Charge de la strip max fonction de E/Q

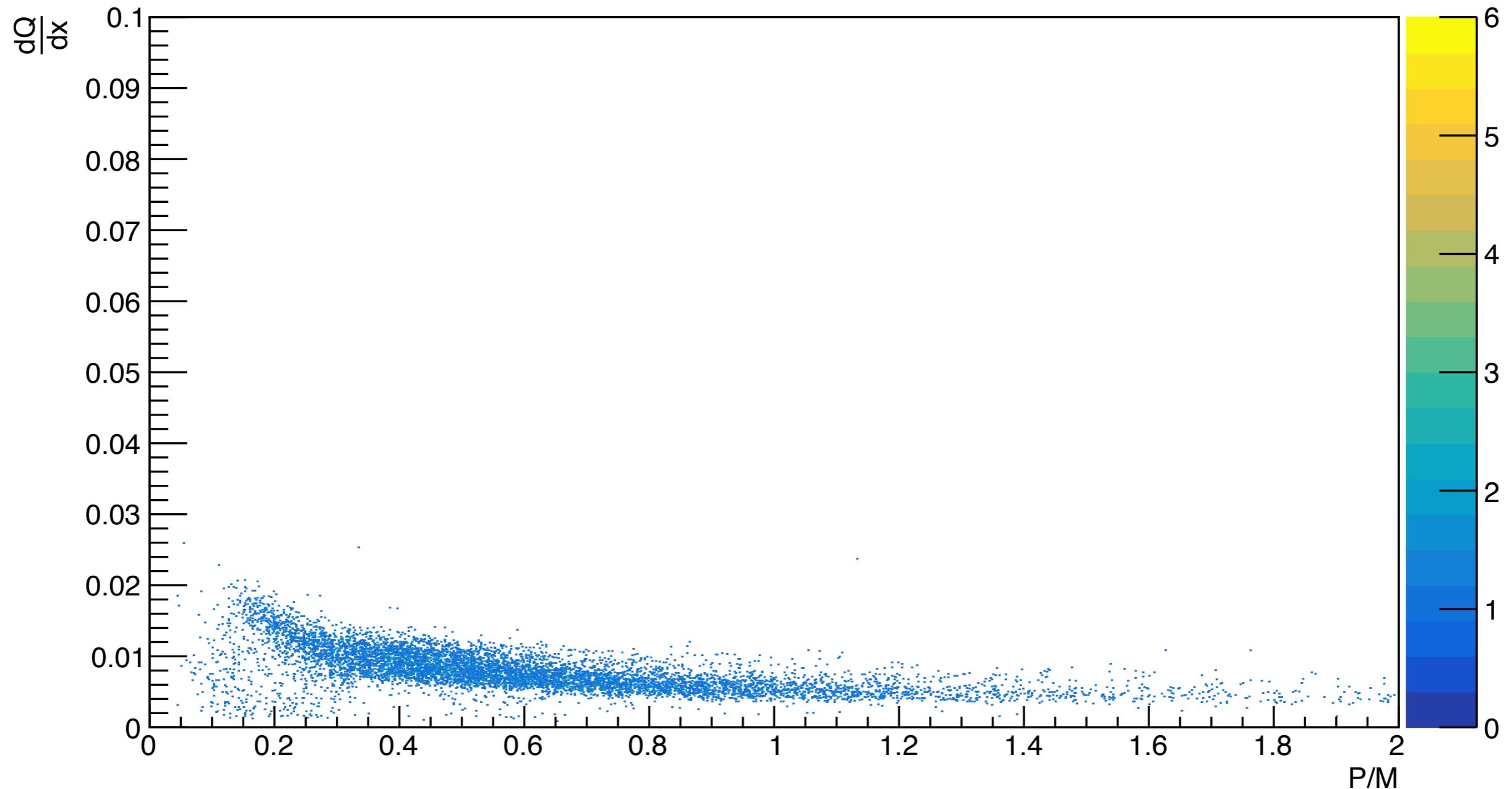


**Filtre dans le builder, en pt et cluster shape**

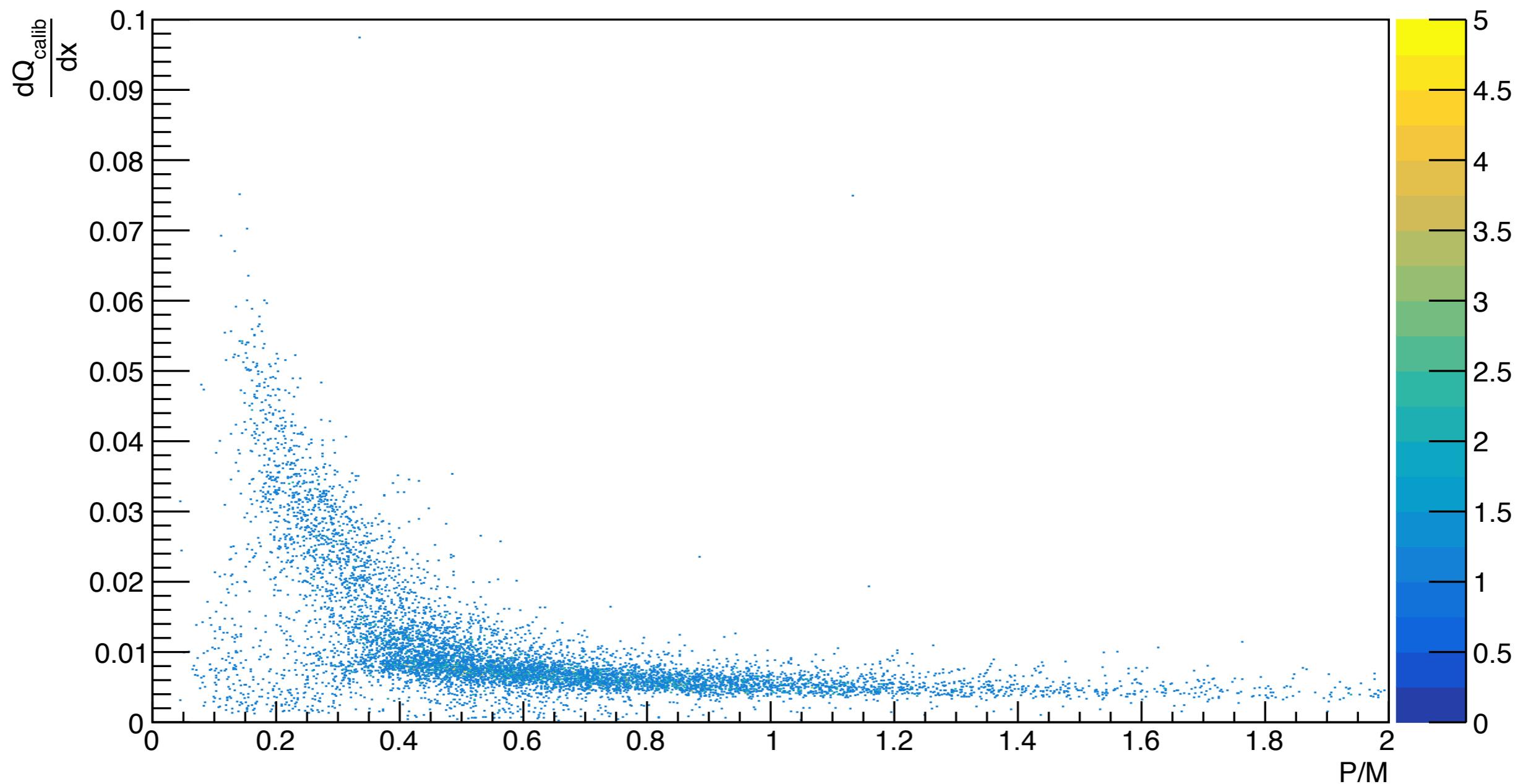
## Bethe & Bloch

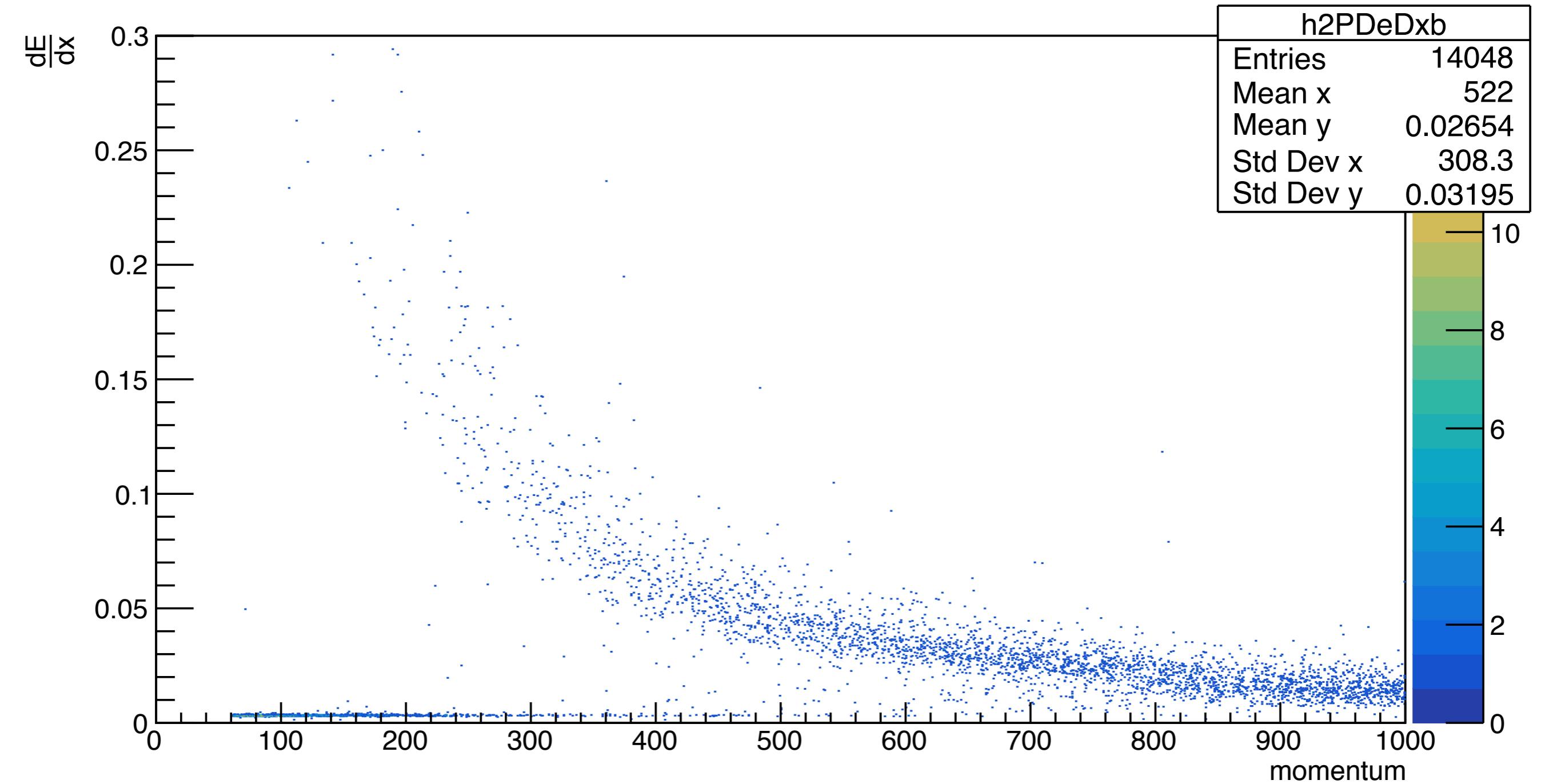


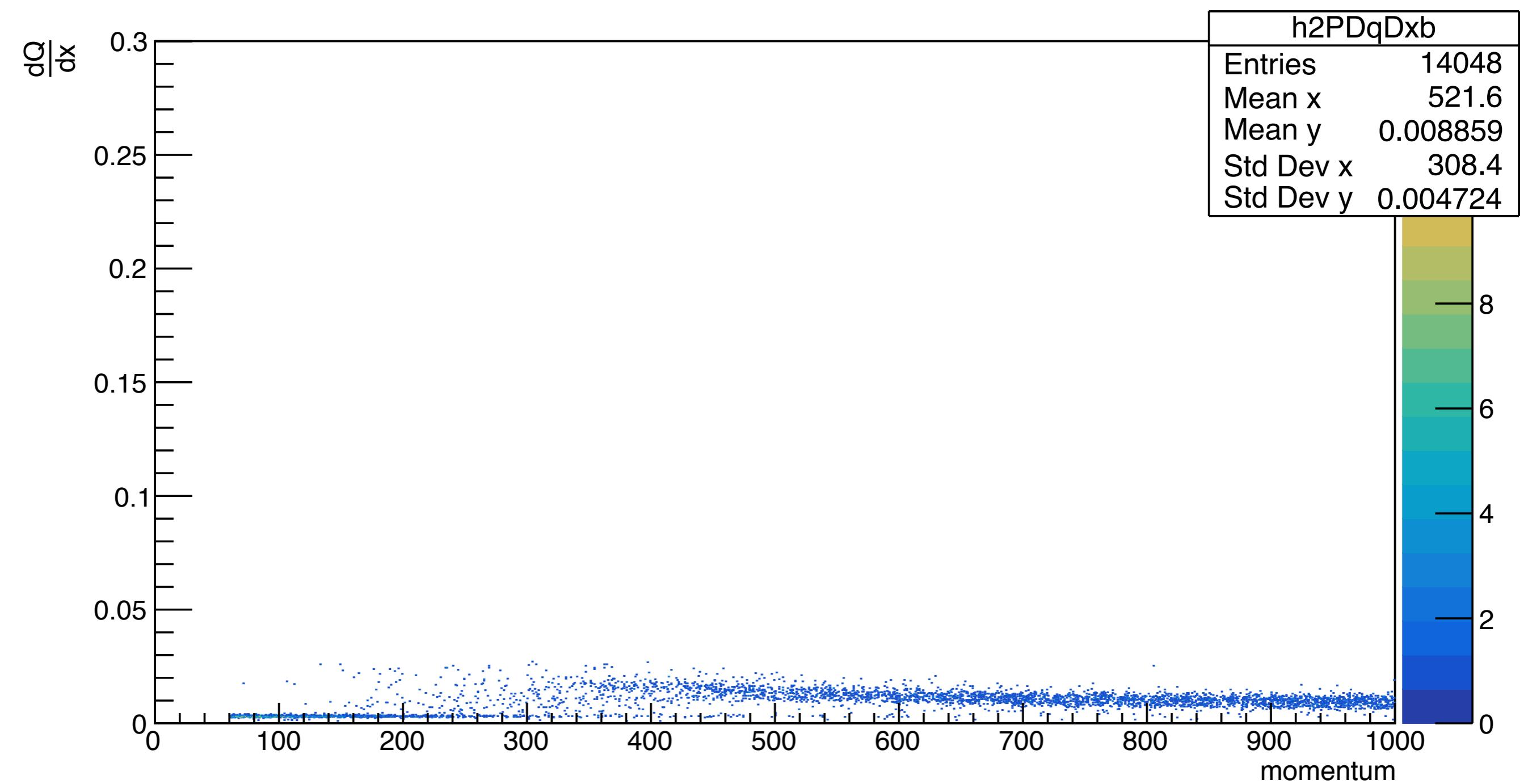
## Bethe & Bloch

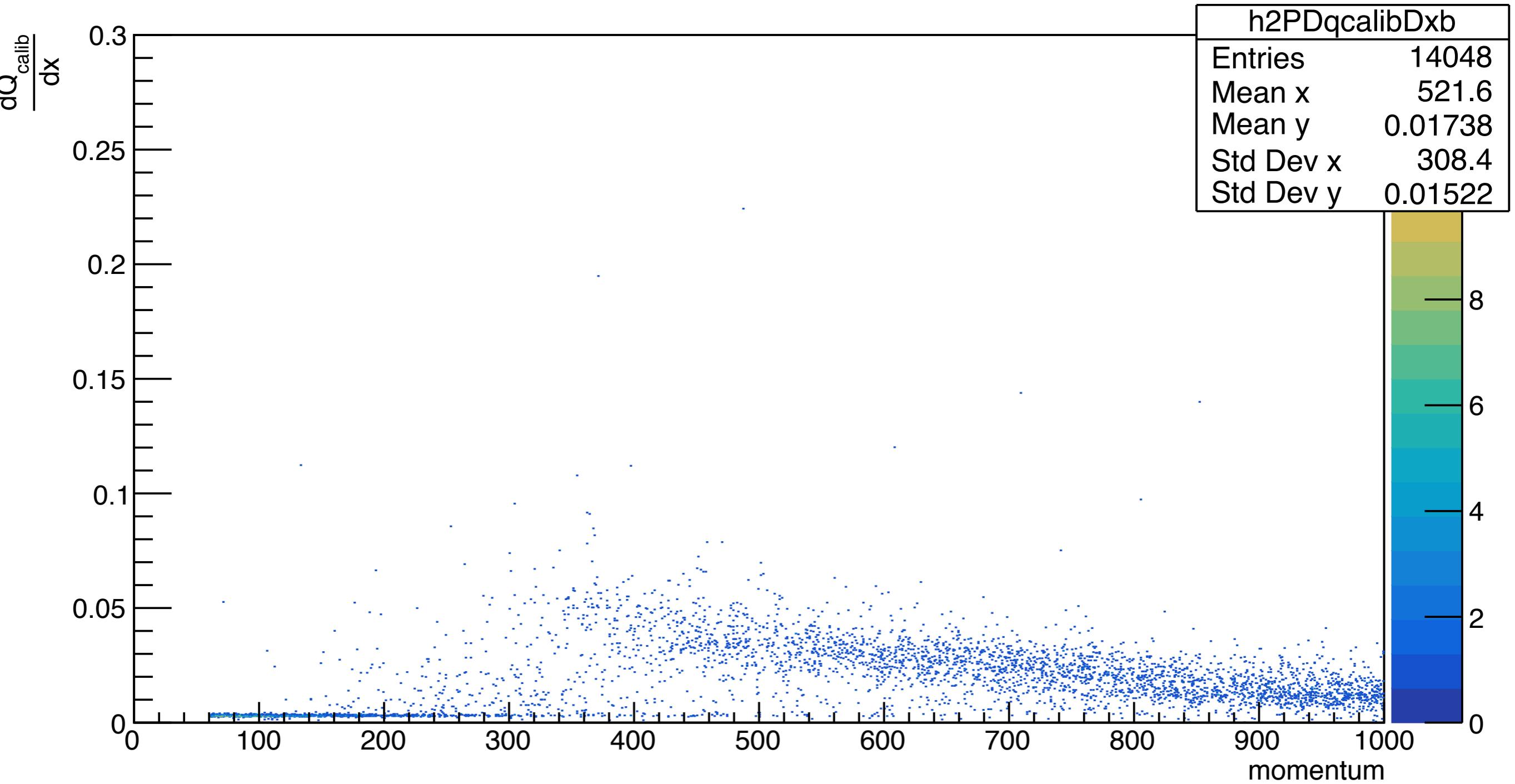


## Bethe & Bloch

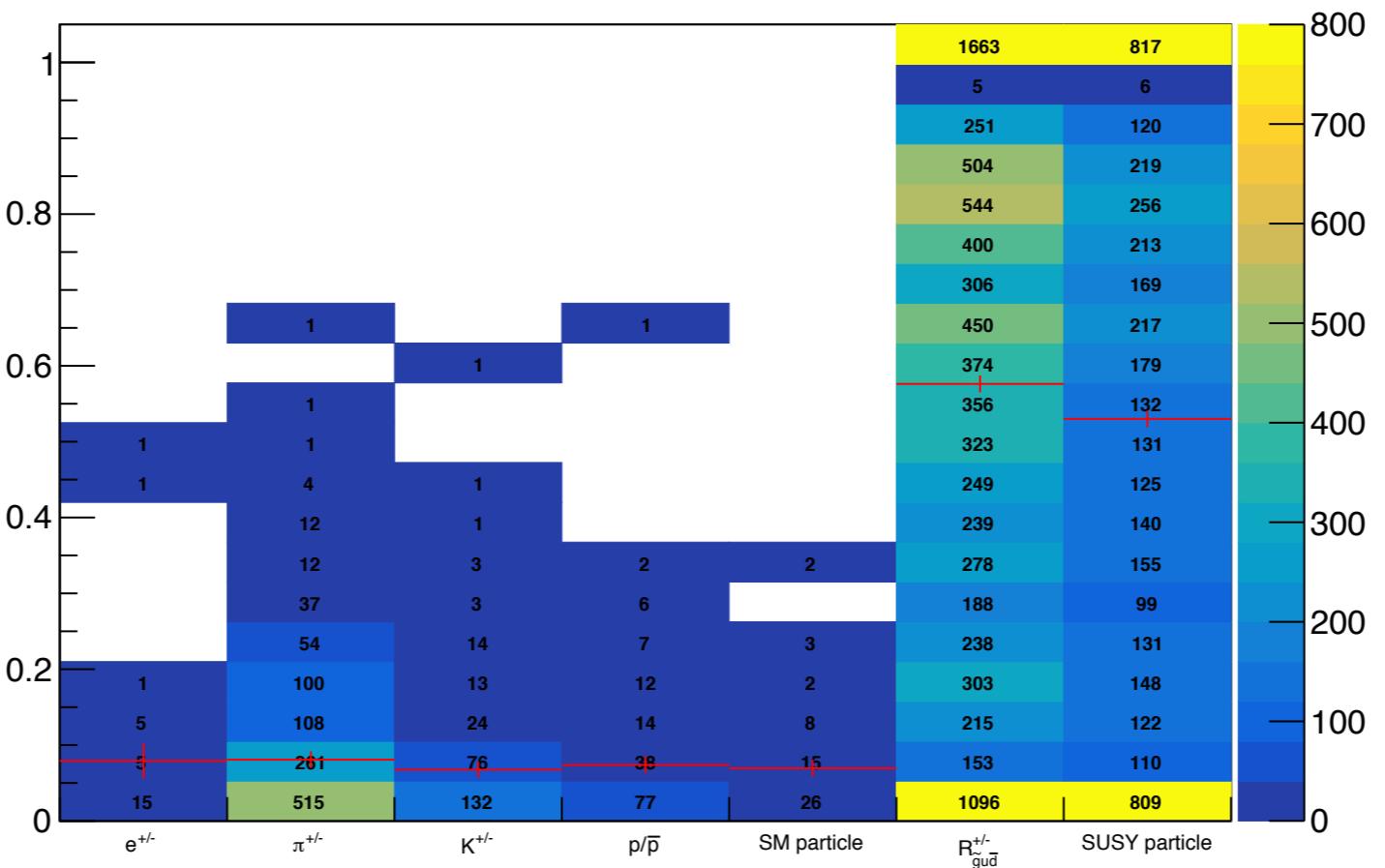




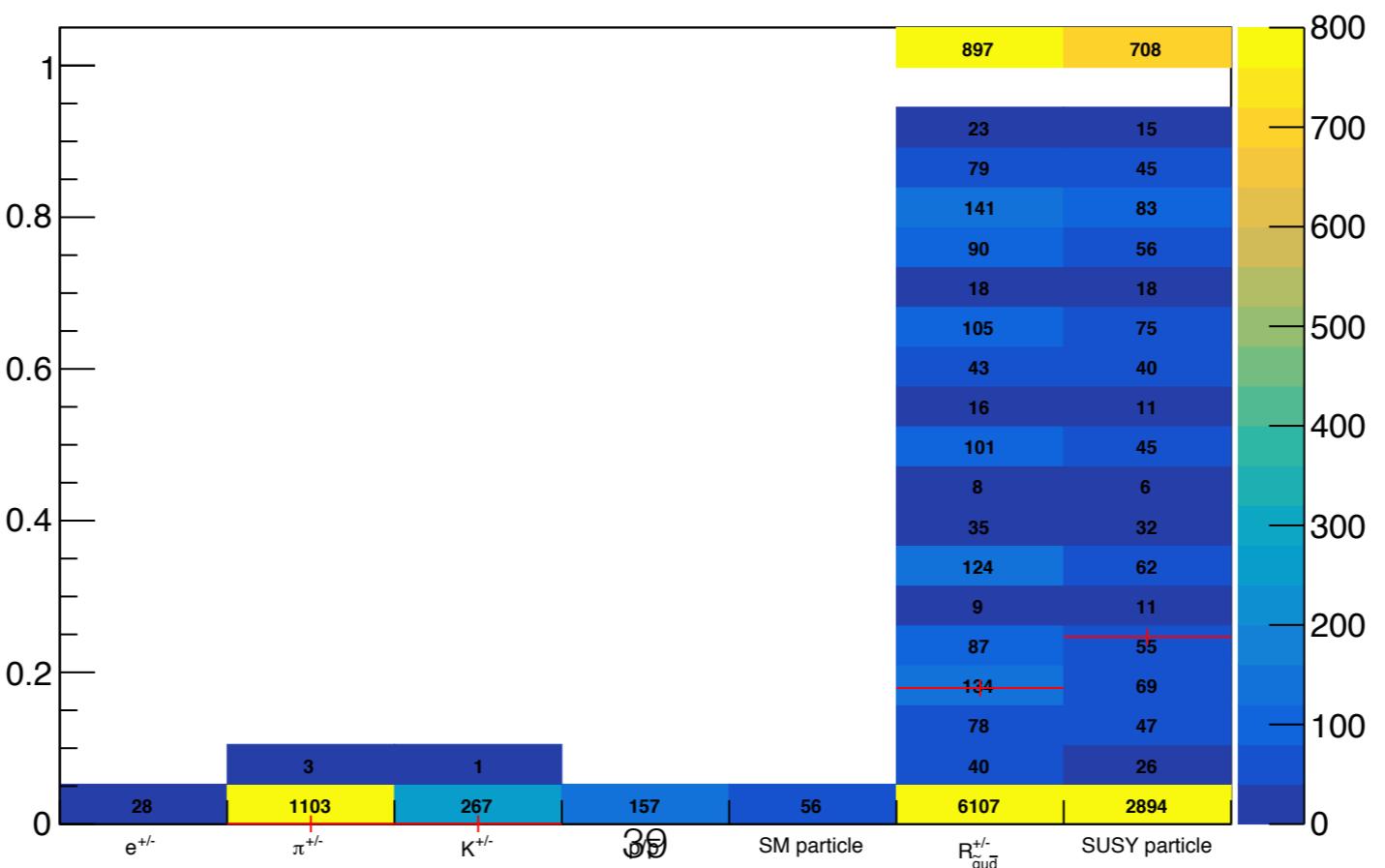




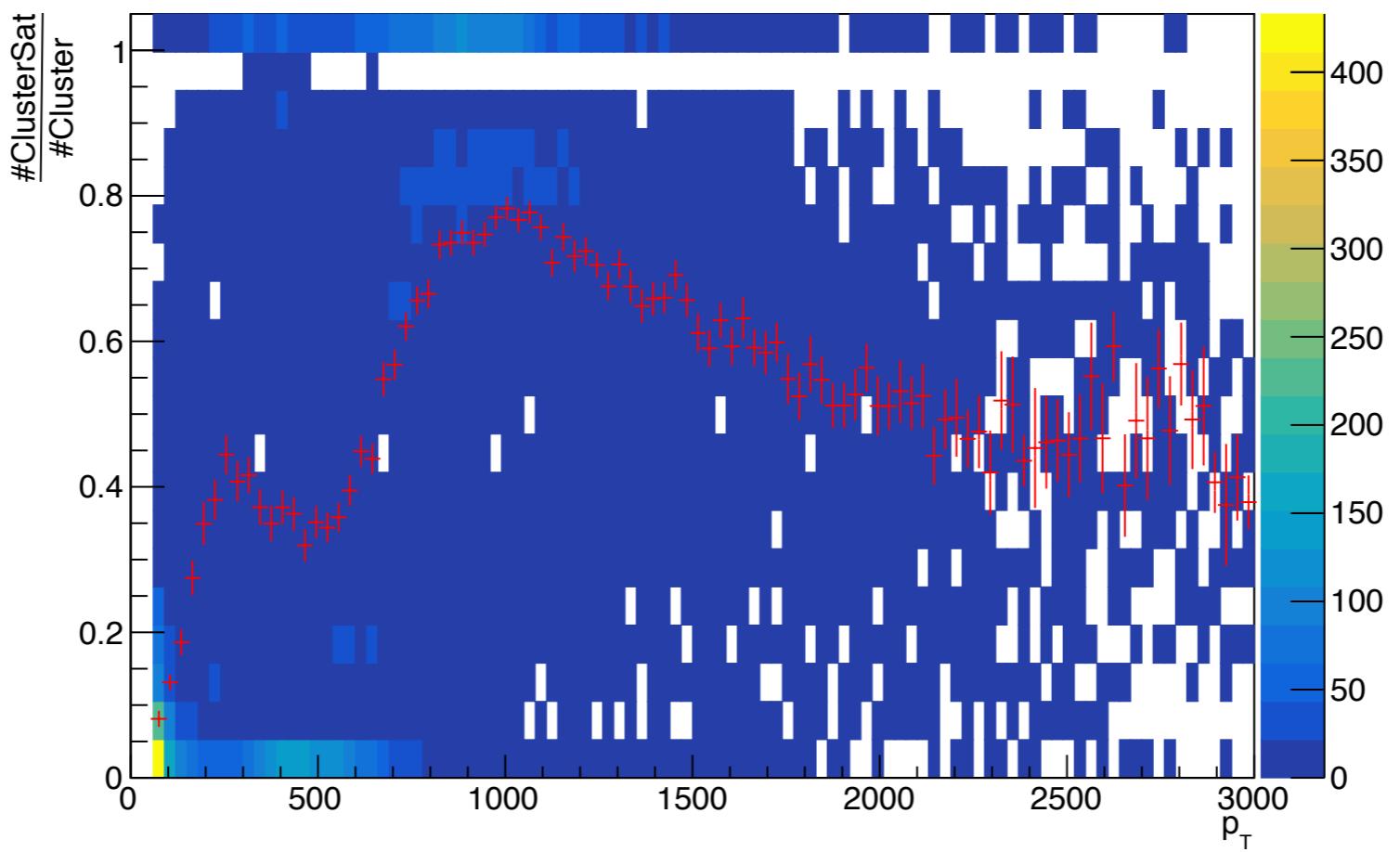
## h2RatioSatPartID254



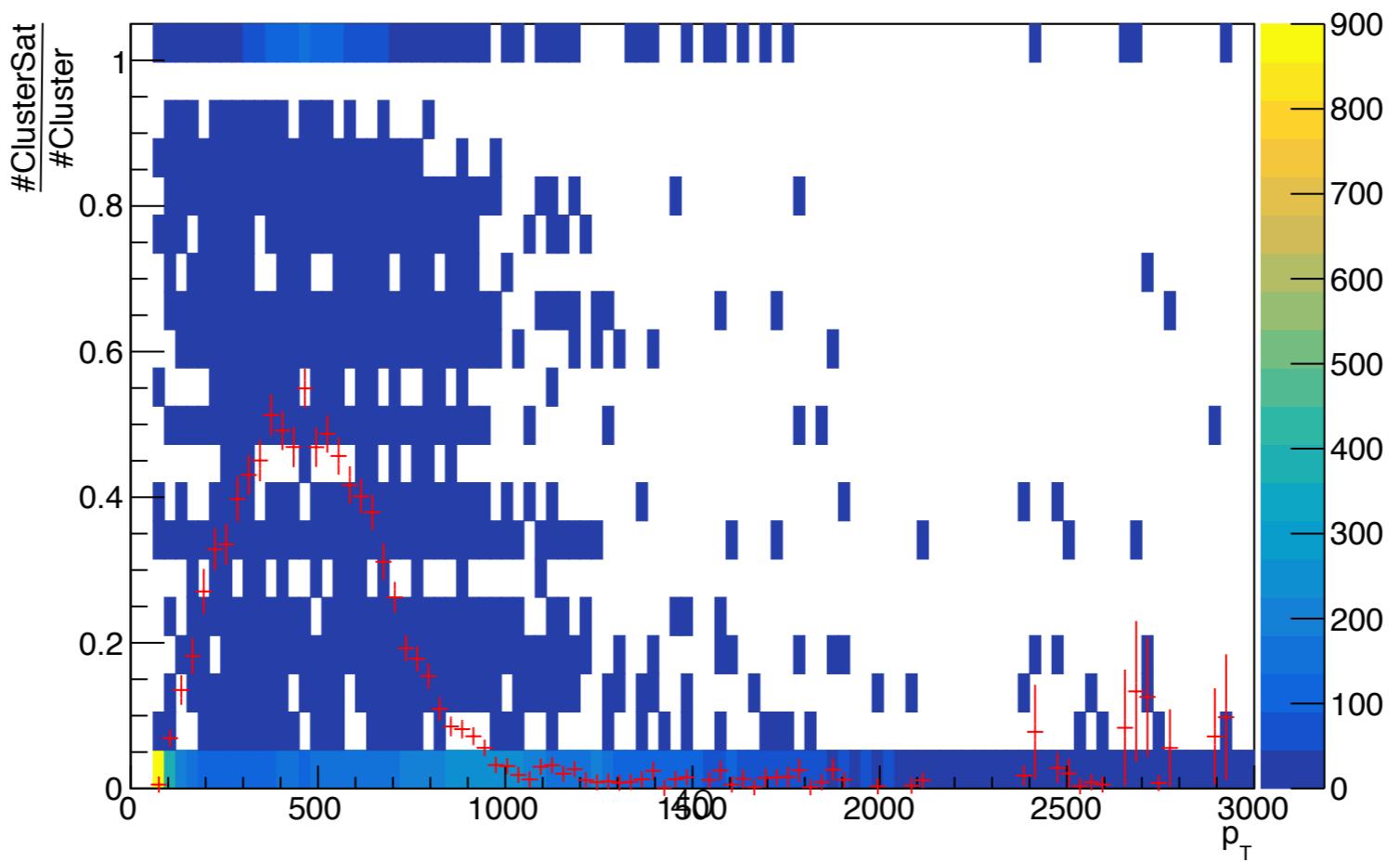
## h2RatioSatPartID255



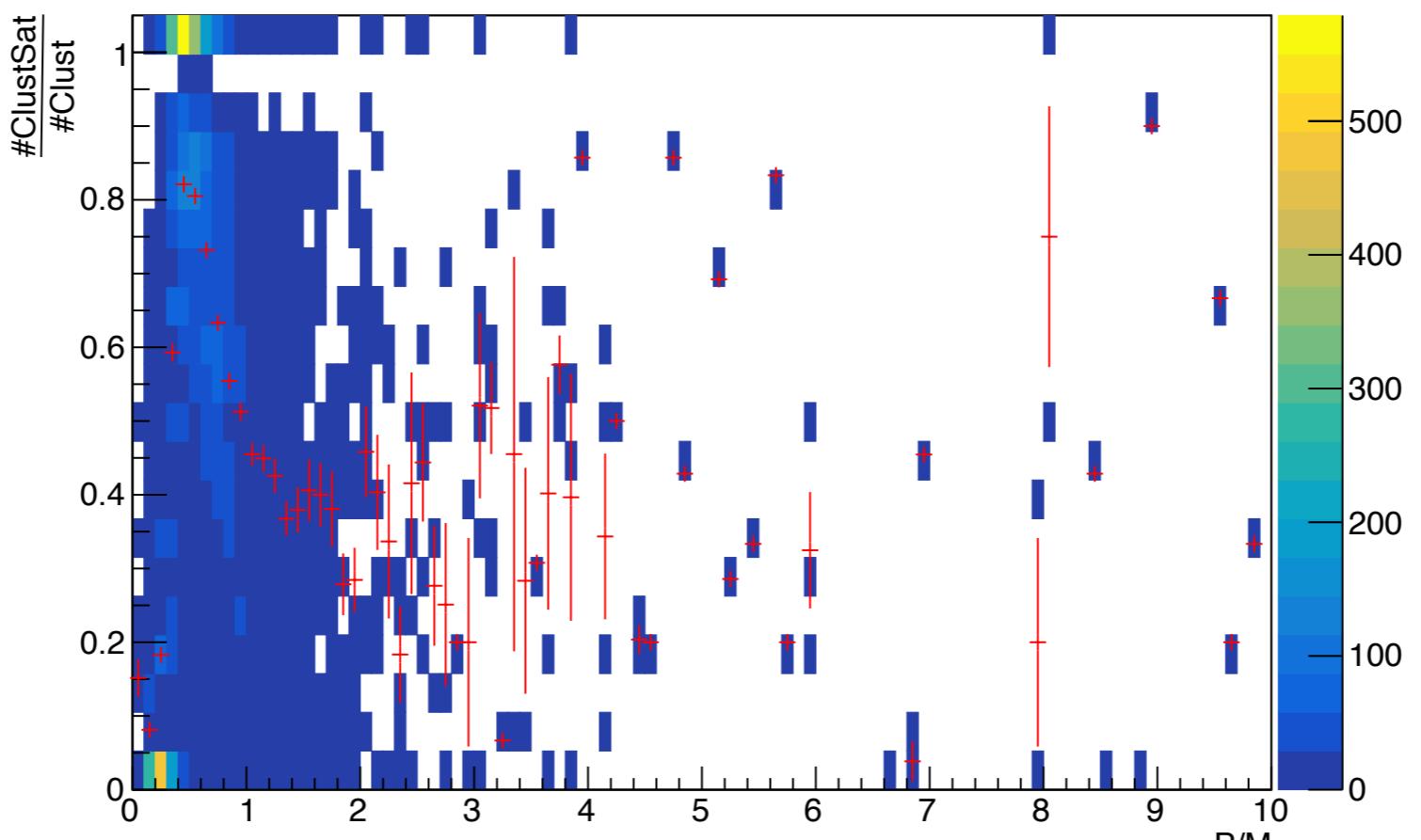
Ratio de clusters qui saturent à 254 en fonction du  $p_T$



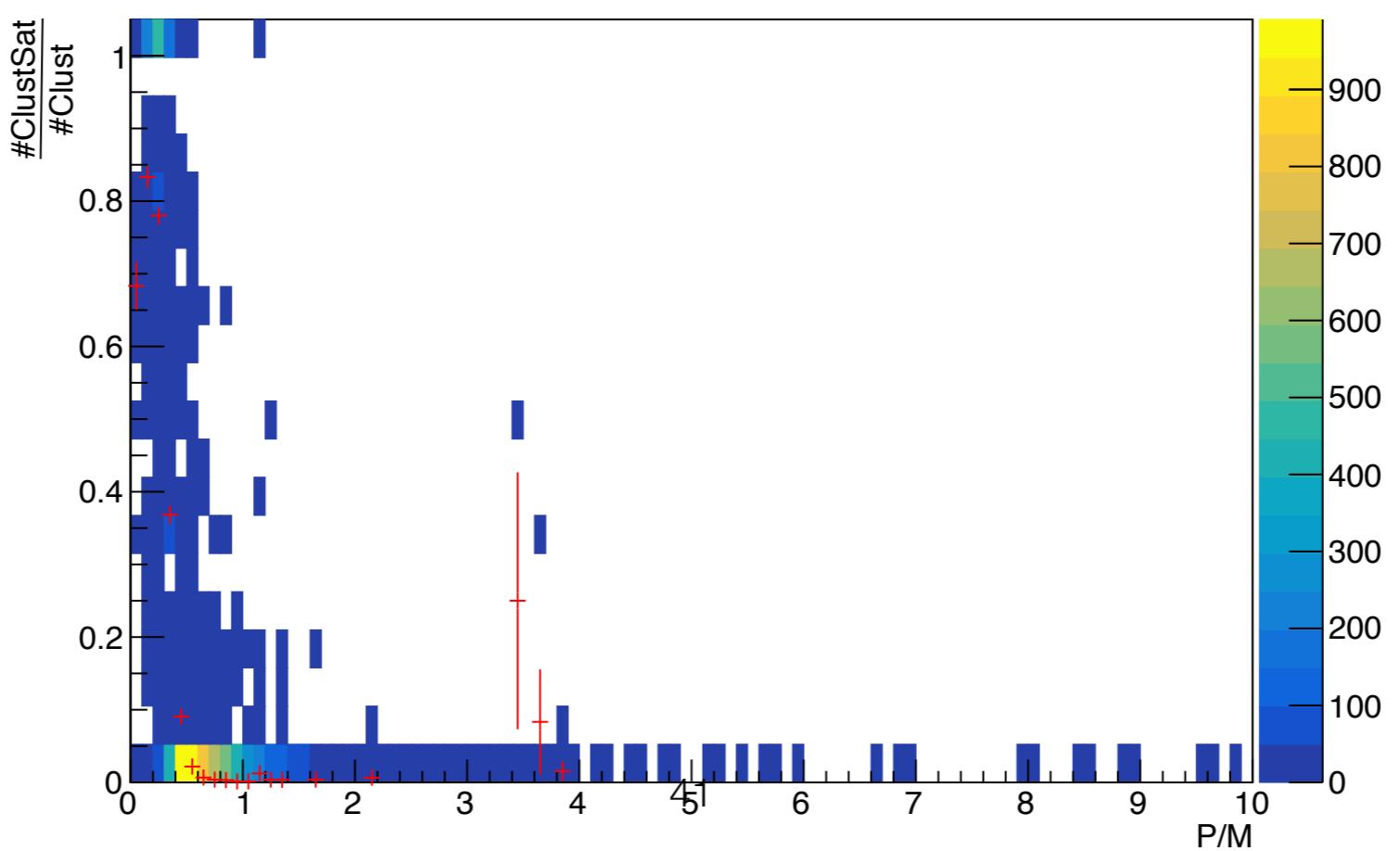
Ratio de clusters qui saturent à 255 en fonction du  $p_T$



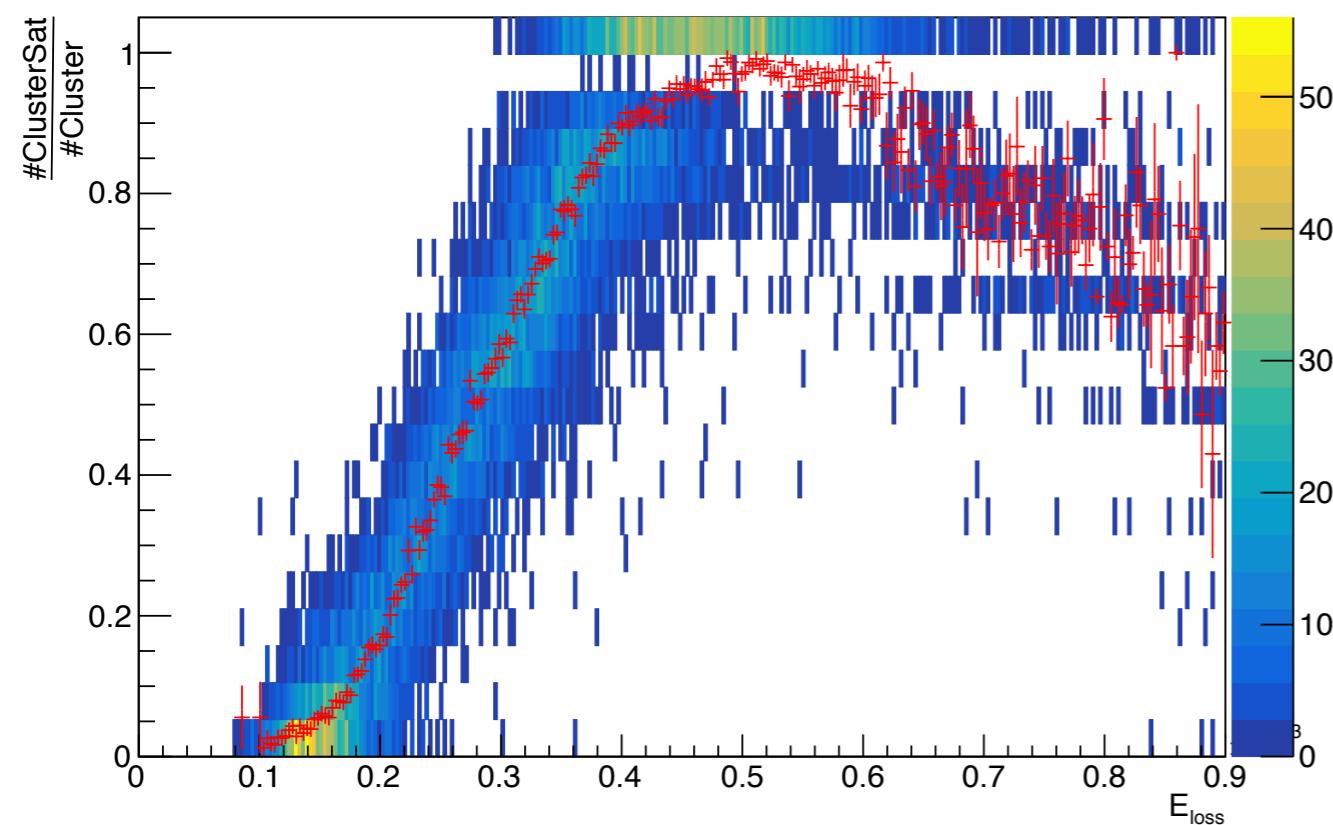
Frac Sat254 = f(P/M)



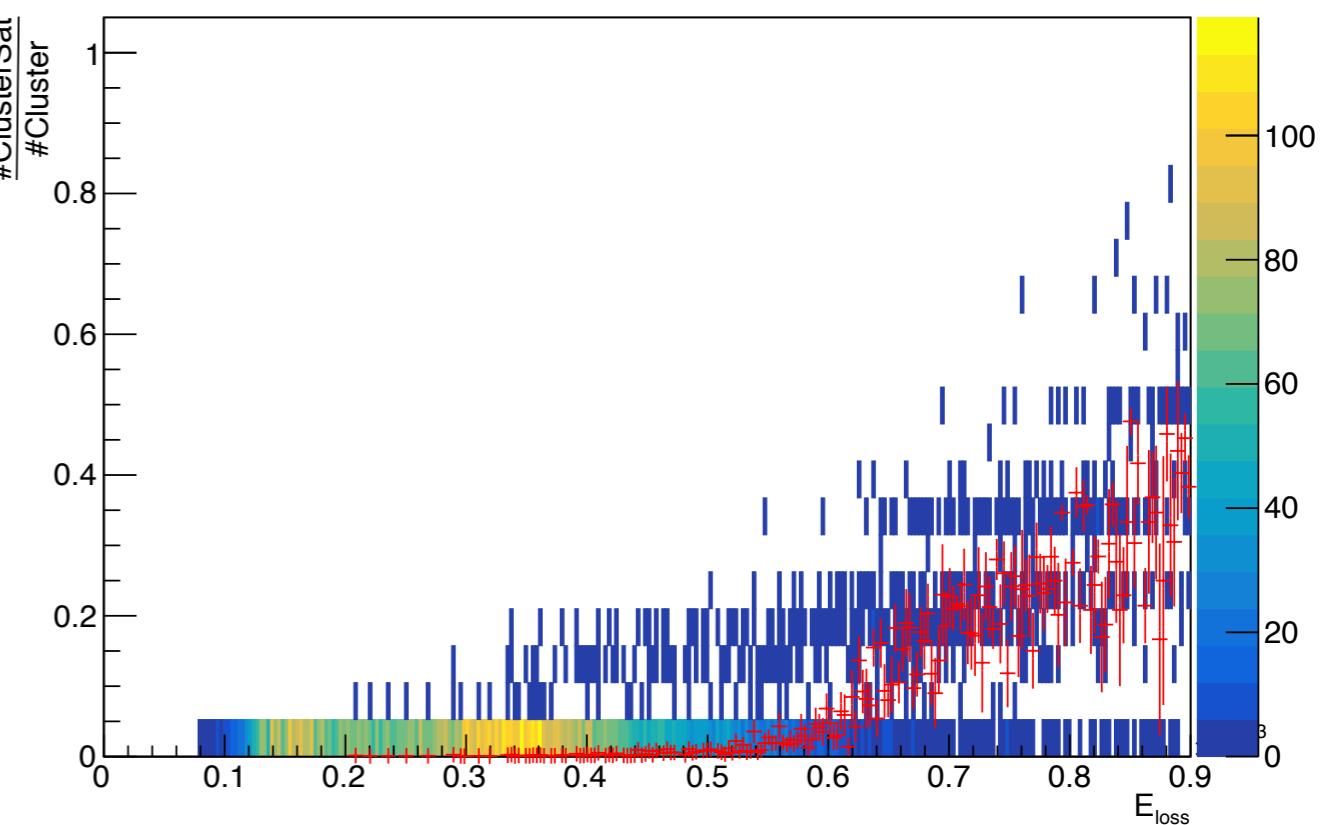
Frac Sat255 = f(P/M)



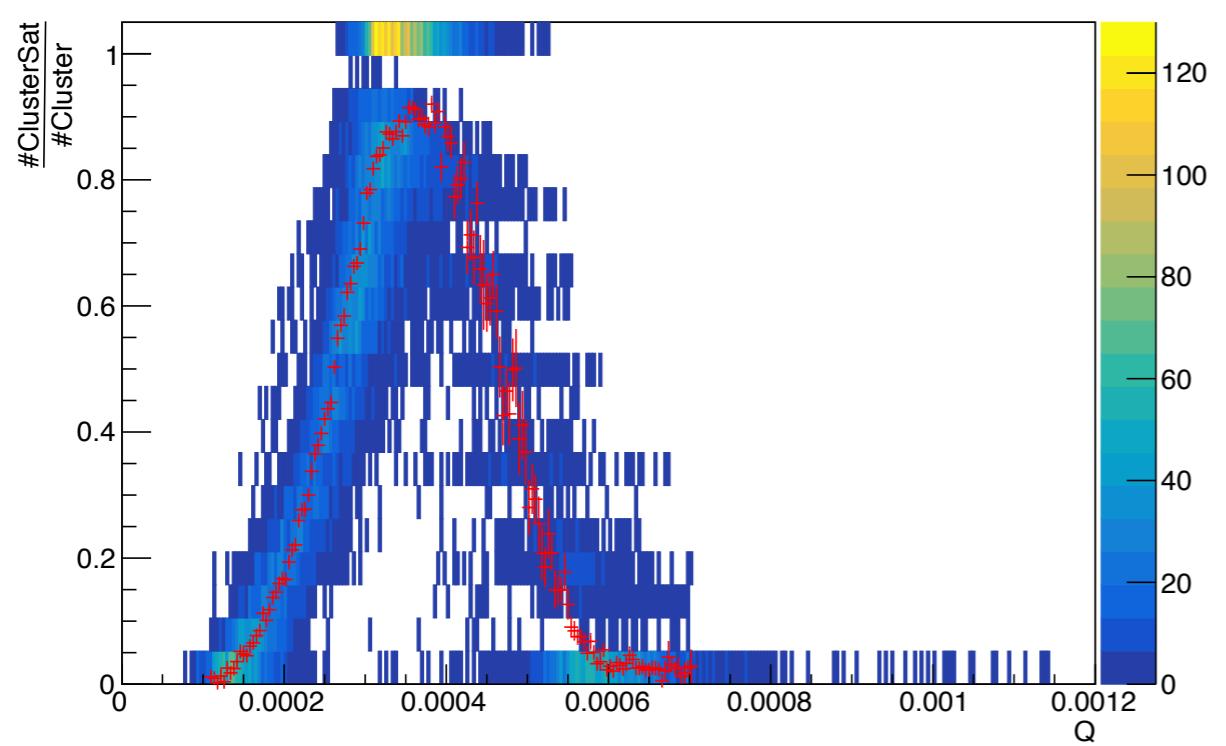
Ratio de clusters qui saturent à 254 en fonction de  $E_{\text{loss}}$



Ratio de clusters qui saturent à 255 en fonction de  $E_{\text{loss}}$



Ratio de clusters qui saturent à 254 en fonction de Q



Ratio de clusters qui saturent à 255 en fonction de Q

