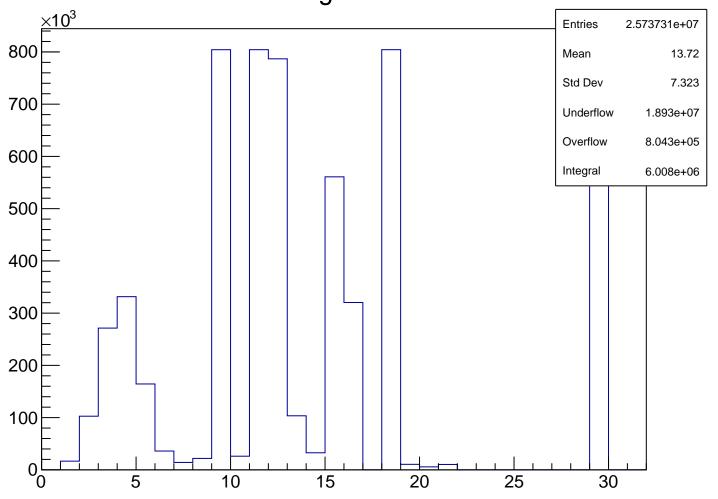
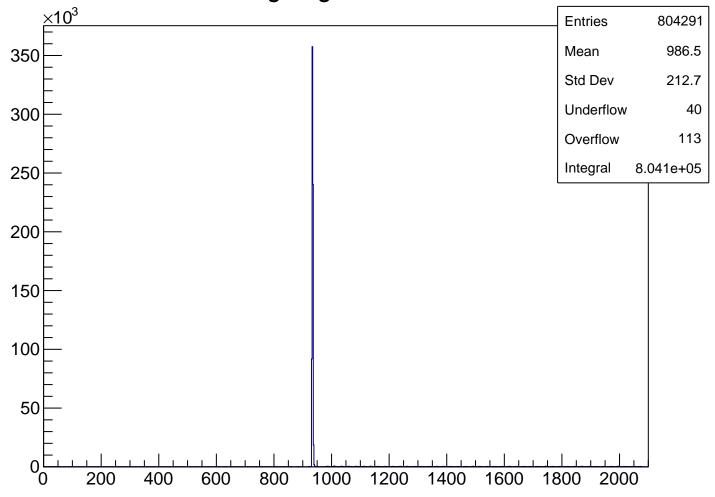
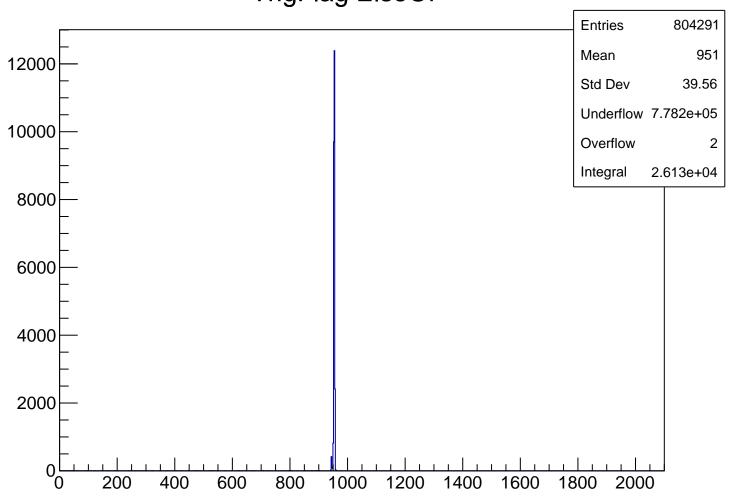
TrigPatAll



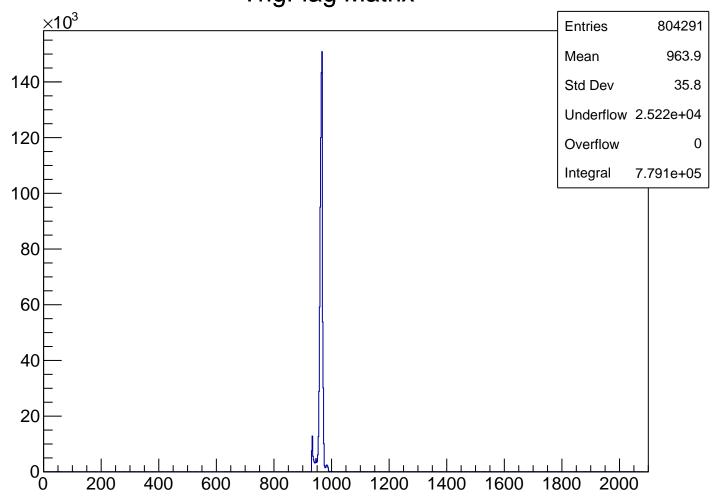
TrigFlag Bh2K



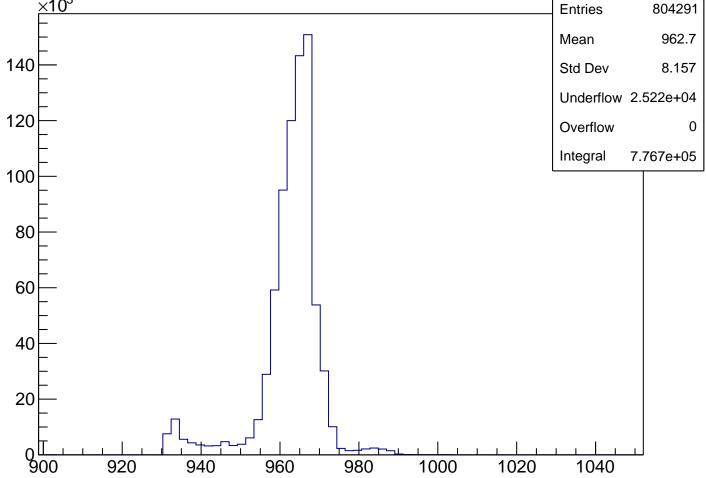
TrigFlag ElseOr



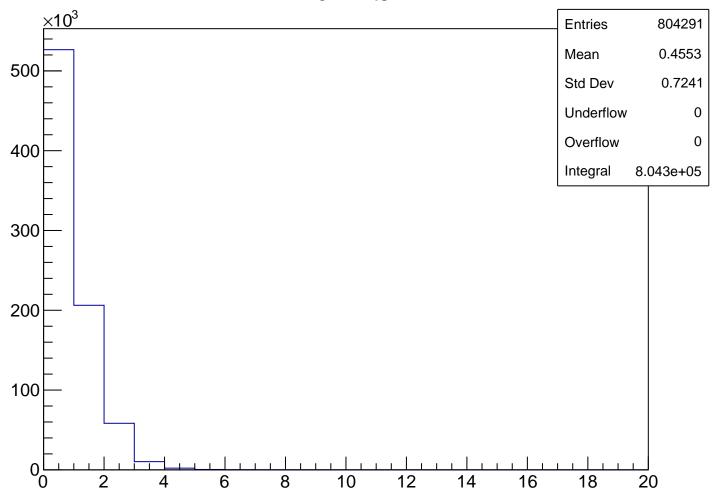
TrigFlag Matrix

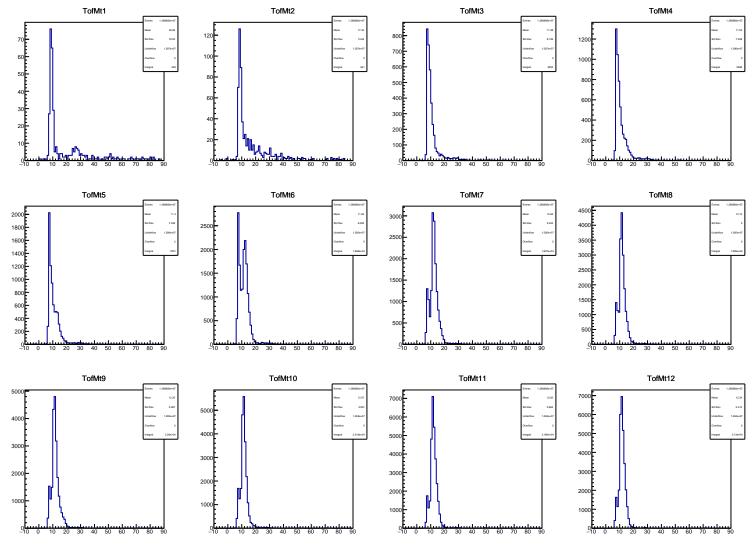


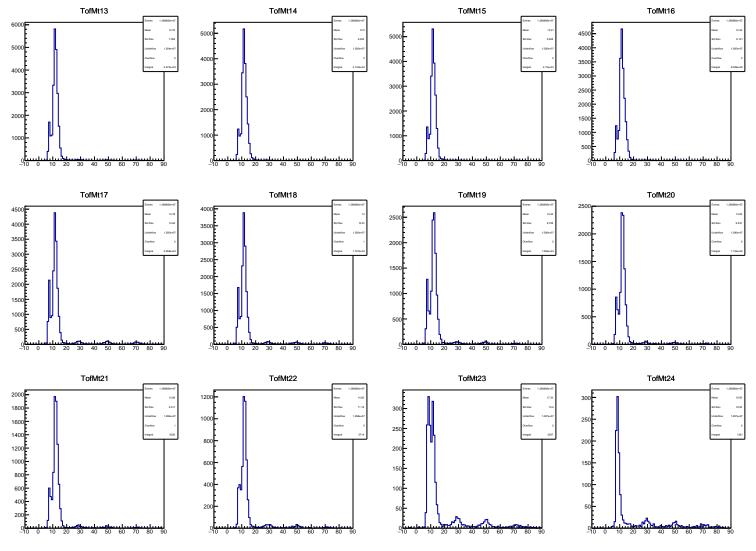
TrigFlag Matrix  $\times 10^3$ **Entries** Mean 140 Std Dev 120 Overflow Integral 100



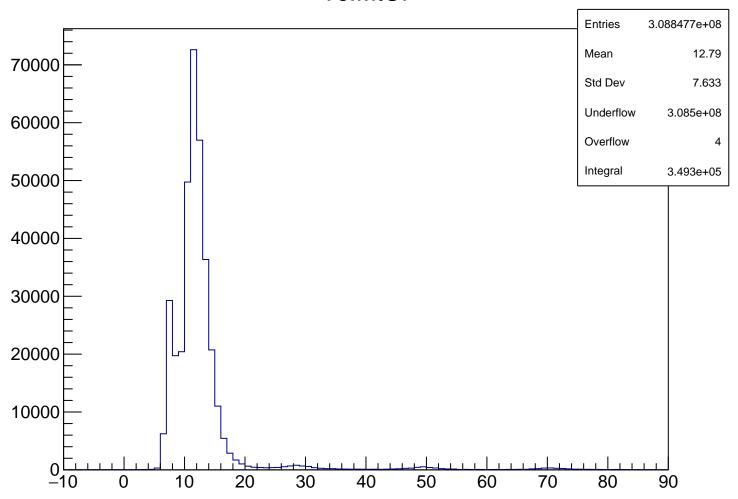
**TofNhits** 



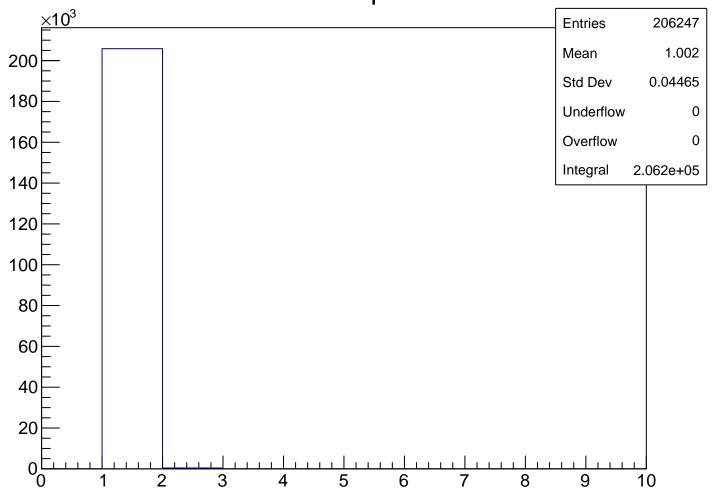




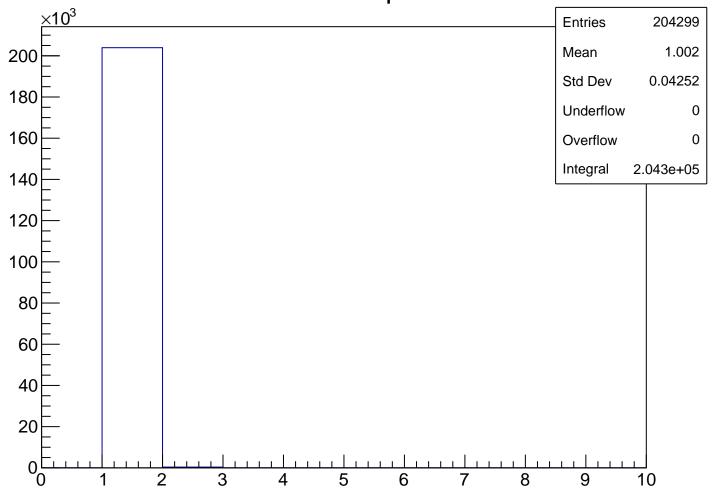
TofMtOr



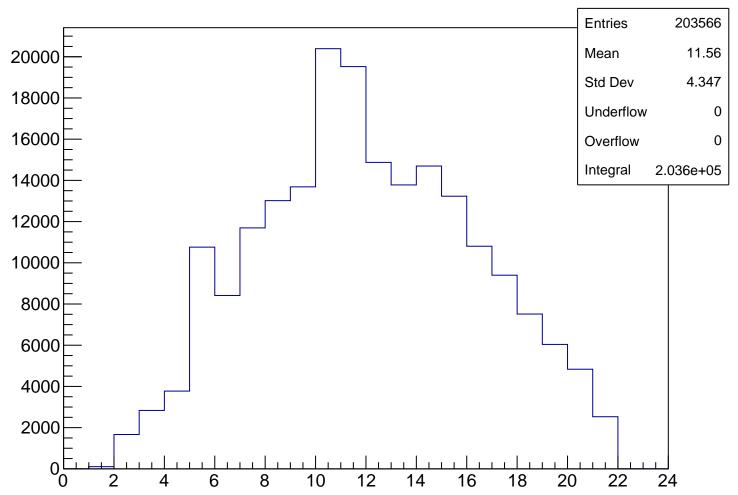
TofMtOrDepthPat



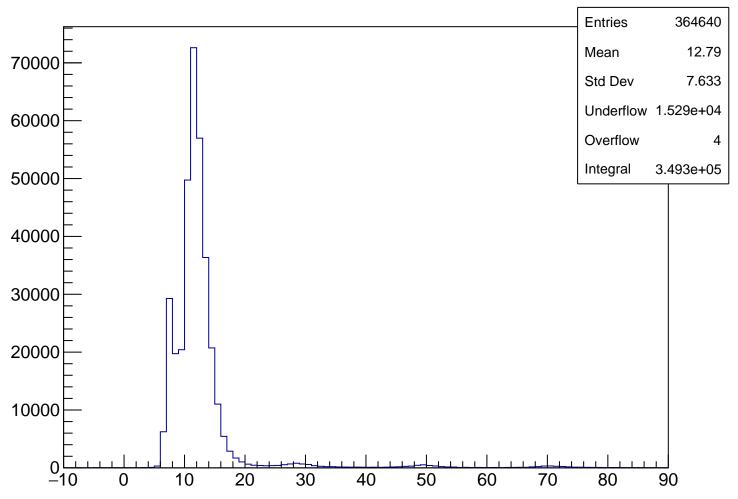
TofMtOrAllDepthPat



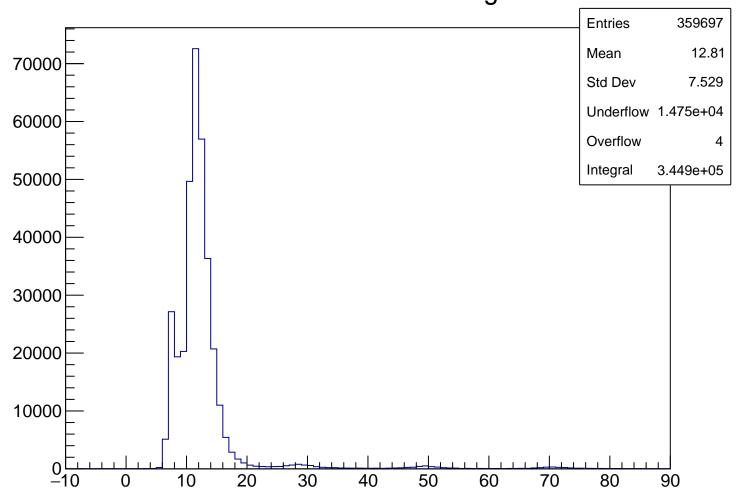
## TofHitPat Cut:Nhits

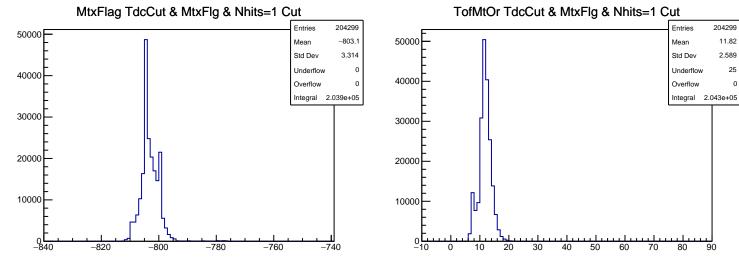


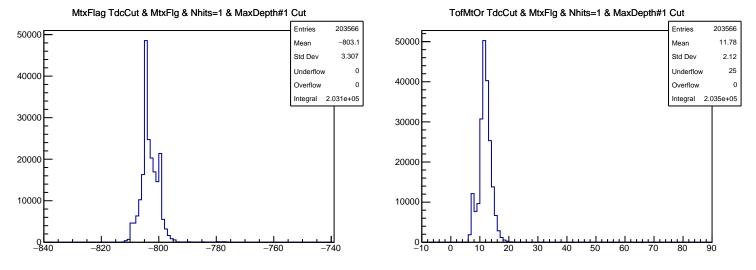
**TofMtOrCut** 



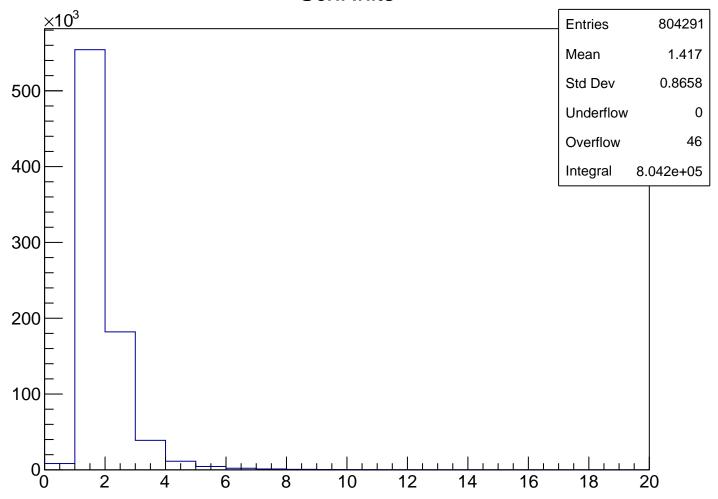
TofMtOr TdcCut & MtxFlgCut



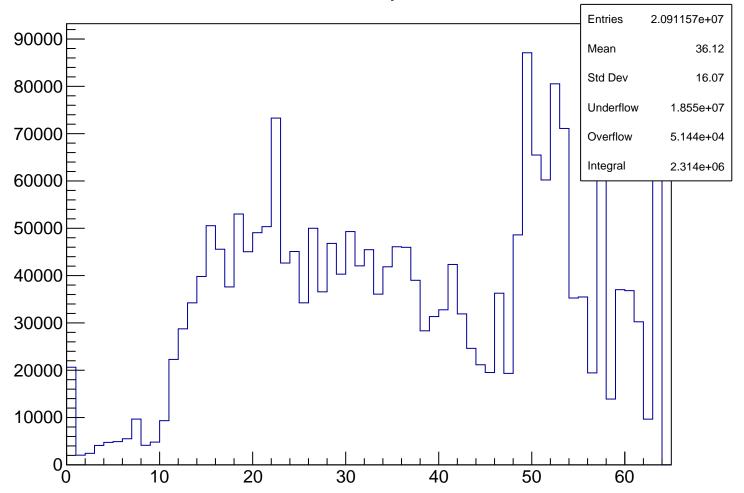




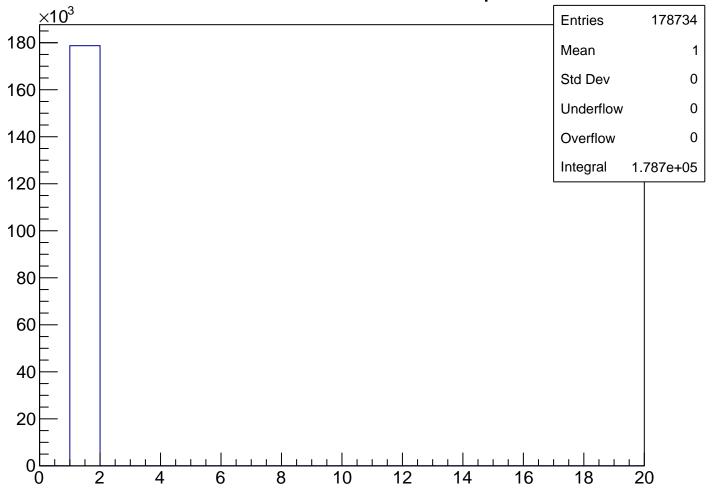
**SchNhits** 



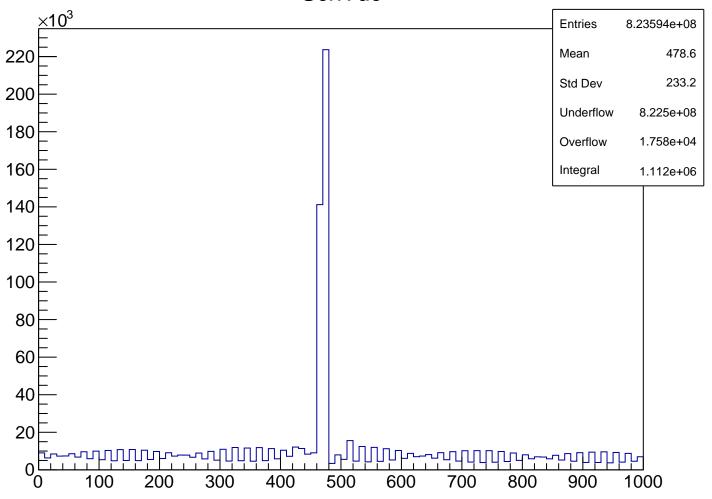
SchHitpat



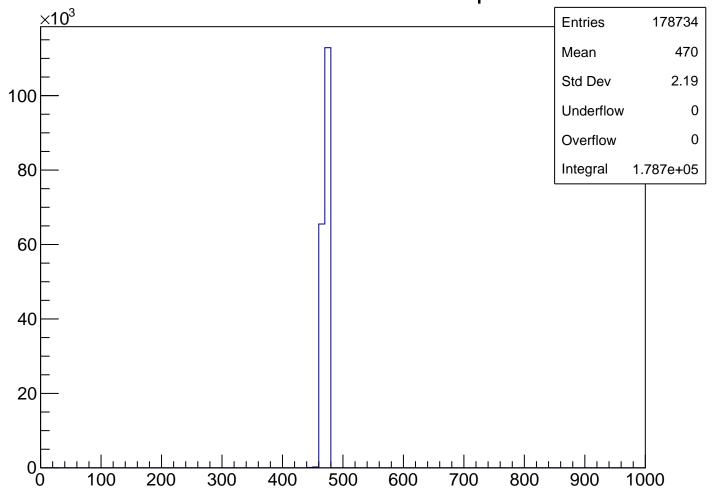
SchNhitsCut:nhits=1 & Maxdepth =1



SchTdc

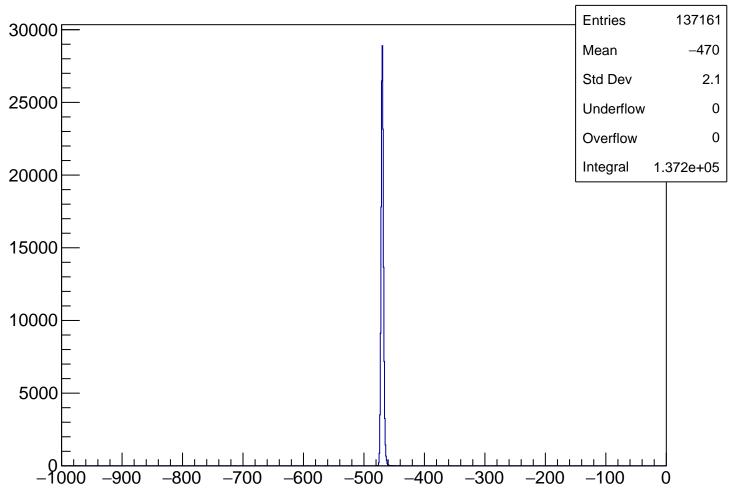


SchTdcCut:nhits=1 & Maxdepth =1



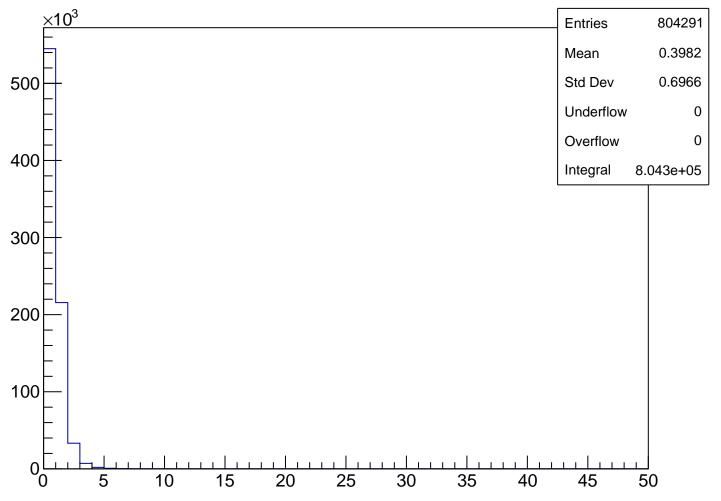
SchTdcCut2: Sch&TOF-> nhits=1 & Maxdepth =1 **Entries** Mean Std Dev 2.1 Underflow Overflow Integral 1.372e+05 

SchTimeCut2: Sch&TOF-> nhits=1 & Maxdepth =1

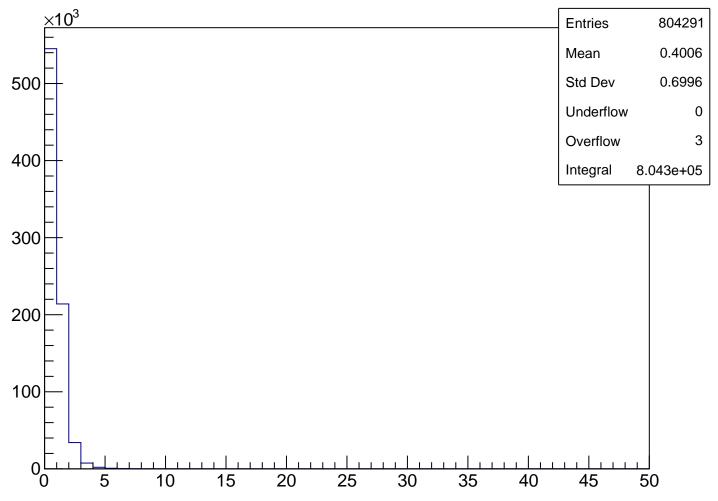


SchTimeCut2: Sch&TOF-> nhits=1 & Maxdepth =1 **Entries** 137161 30000 Mean -469.5Std Dev 2.1 25000 Underflow 0 Overflow 0 Integral 1.372e+05 20000 15000 10000 5000 \_520 -500 -480-460-440 -420-400

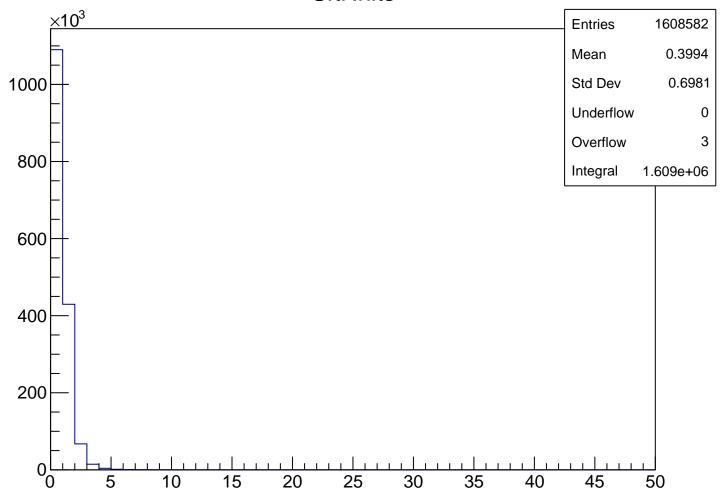
Sft U Nhits



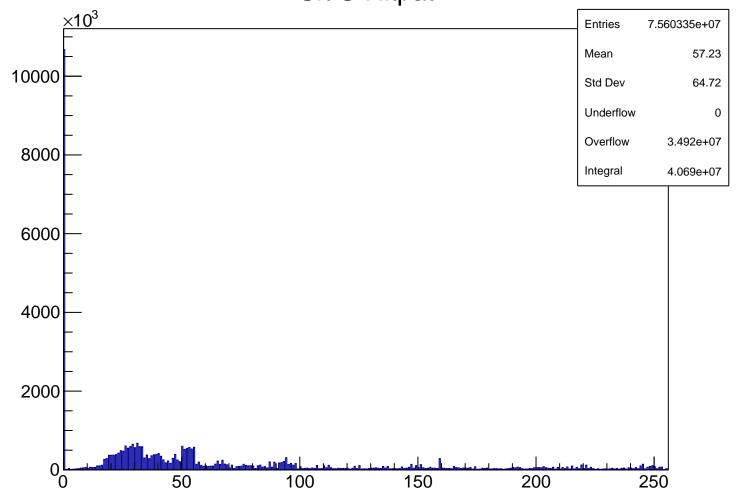
Sft D Nhits



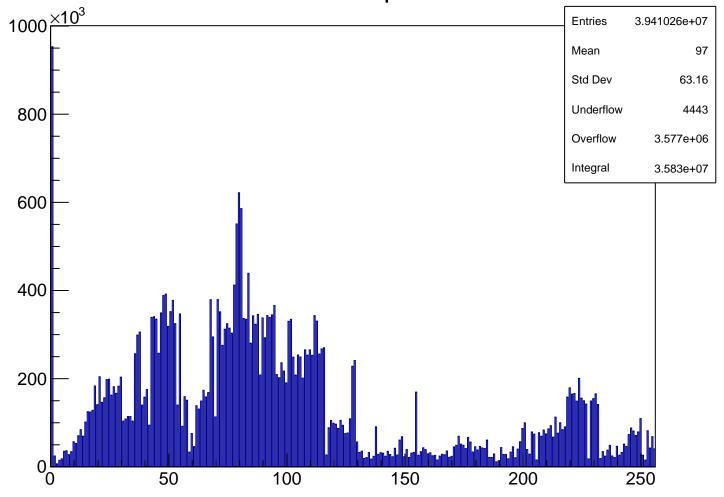
**SftNhits** 



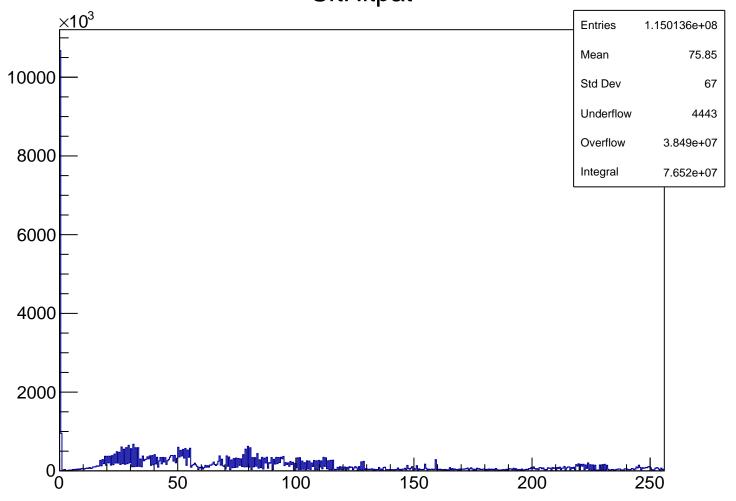
Sft U Hitpat



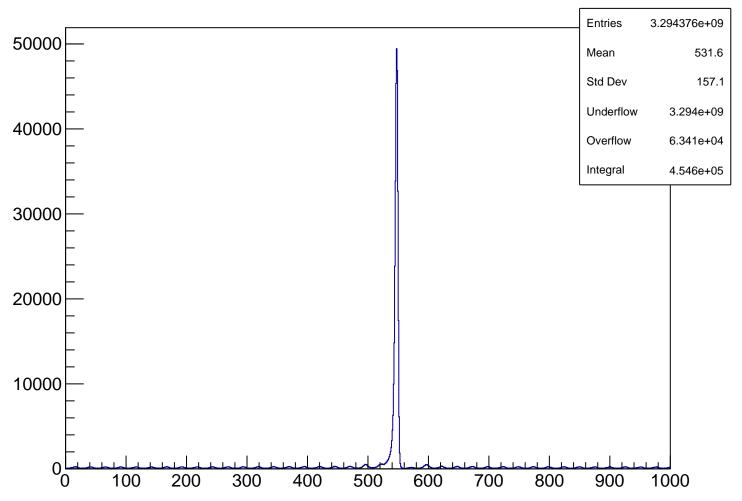
Sft D Hitpat



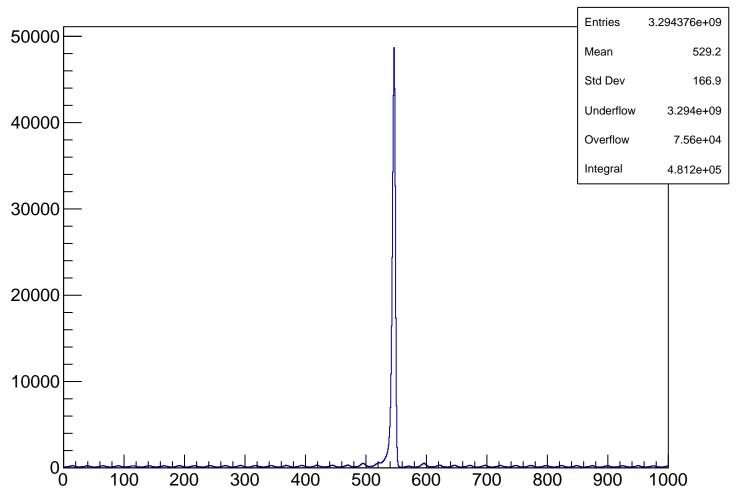
**SftHitpat** 



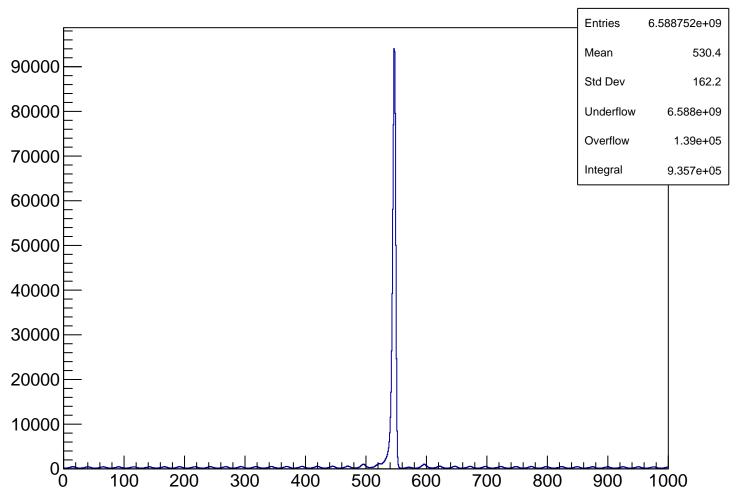
Sft U Tdc



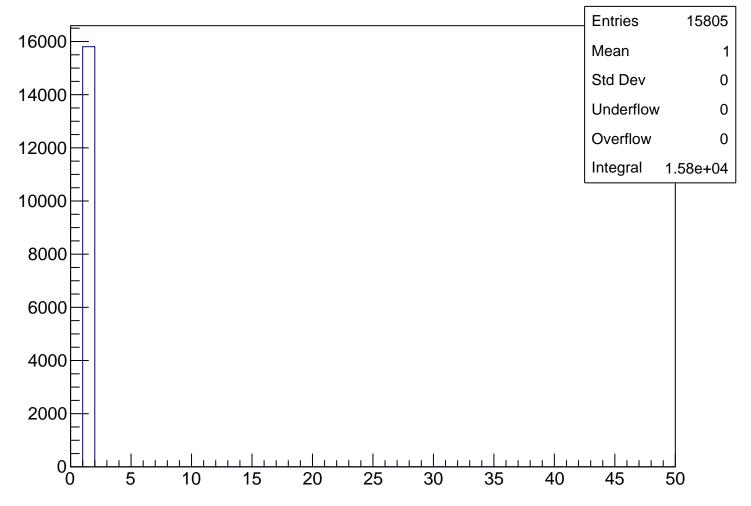
Sft D Tdc



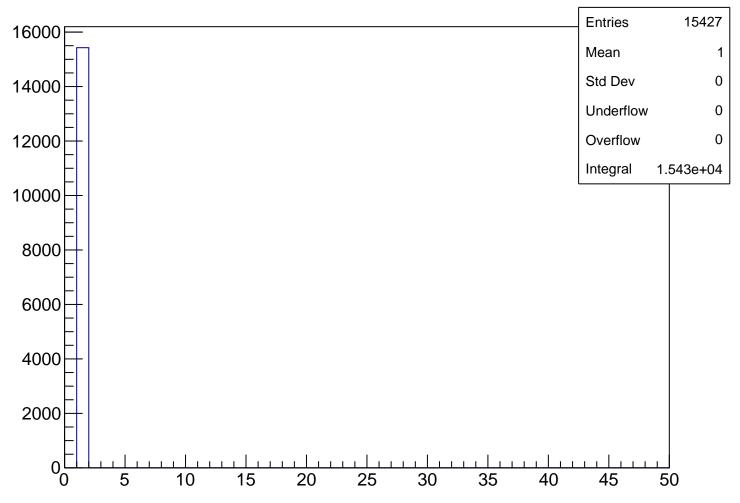
SftTdc



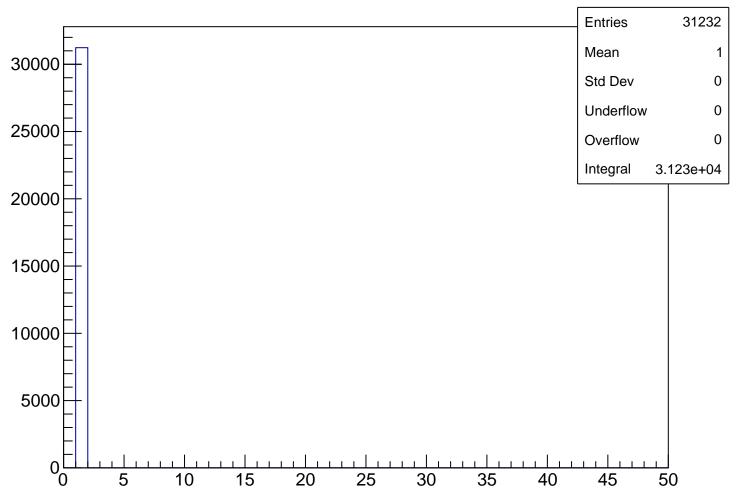
## Sft U Nhits Cut



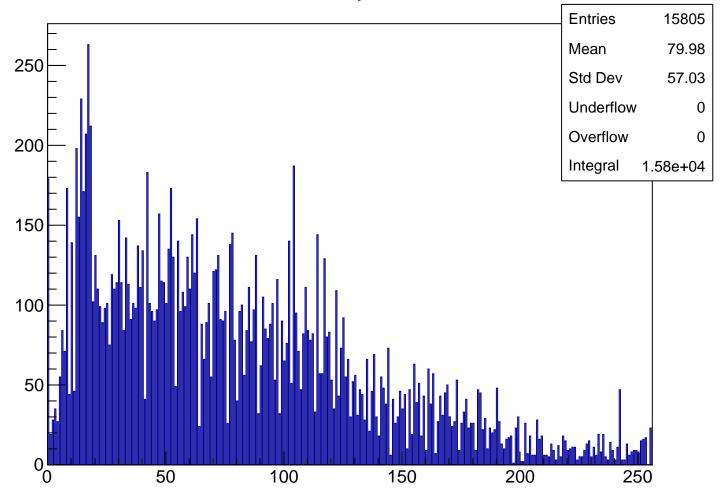
Sft D Nhits



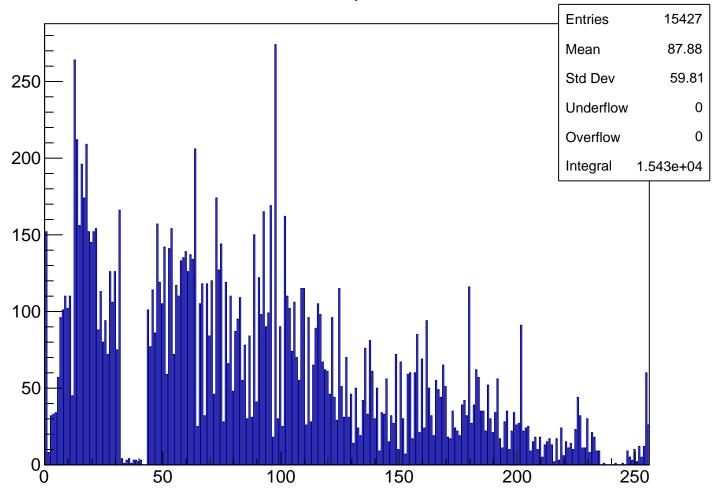
SftNhits Cut



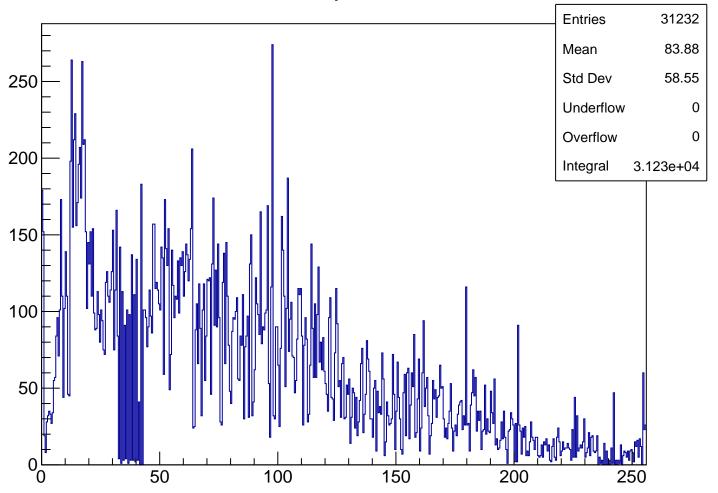
# Sft U Hitpat Cut



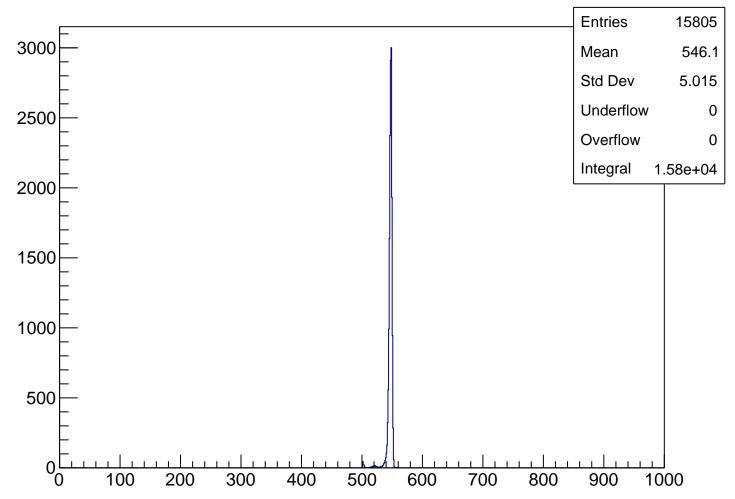
Sft D Hitpat Cut



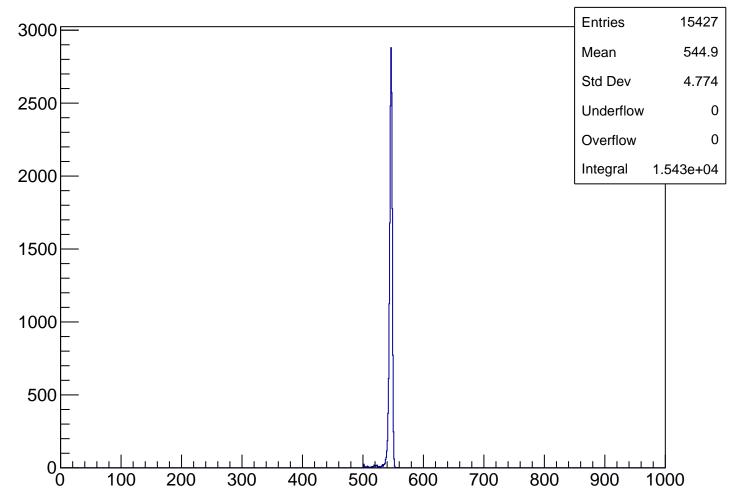
SftHitpat Cut



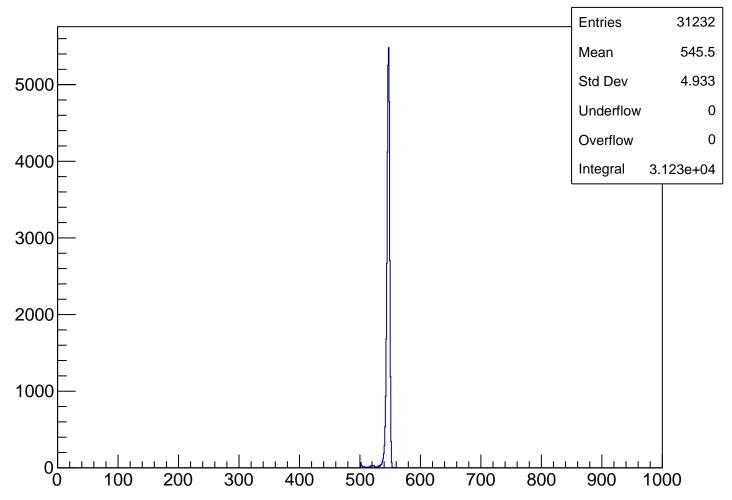
Sft U Tdc Cut



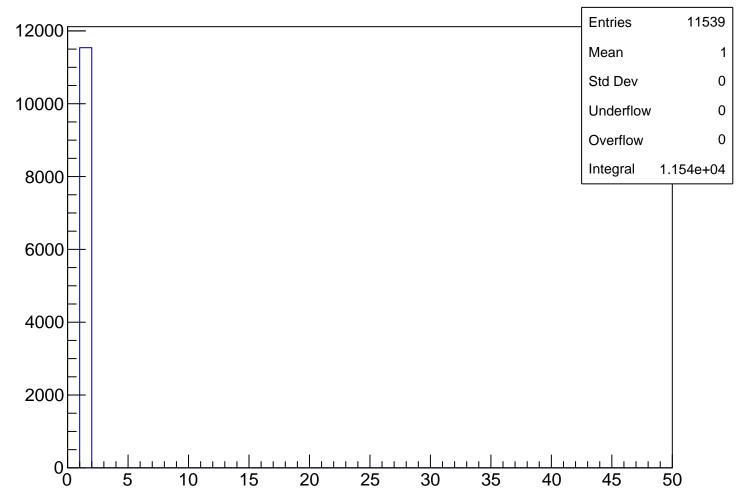
Sft D Tdc



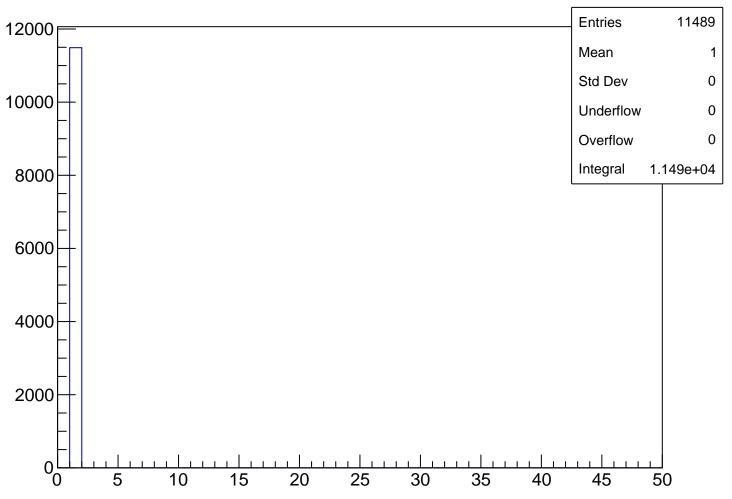
SftTdc Cut



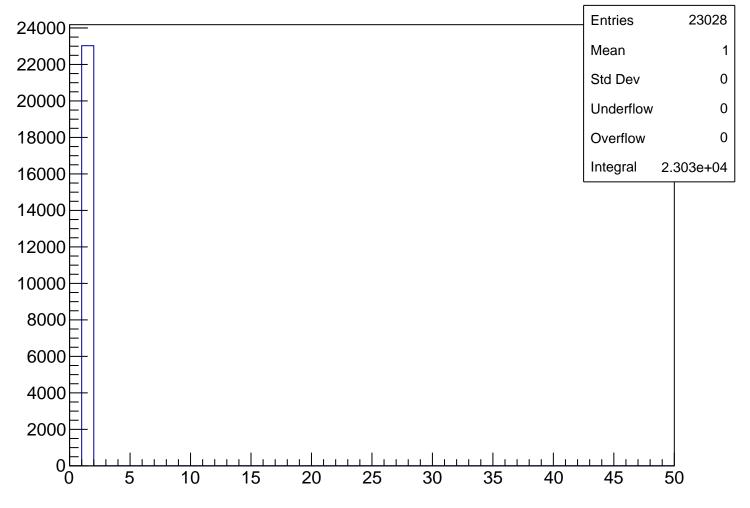
### Sft U Nhits Cut2



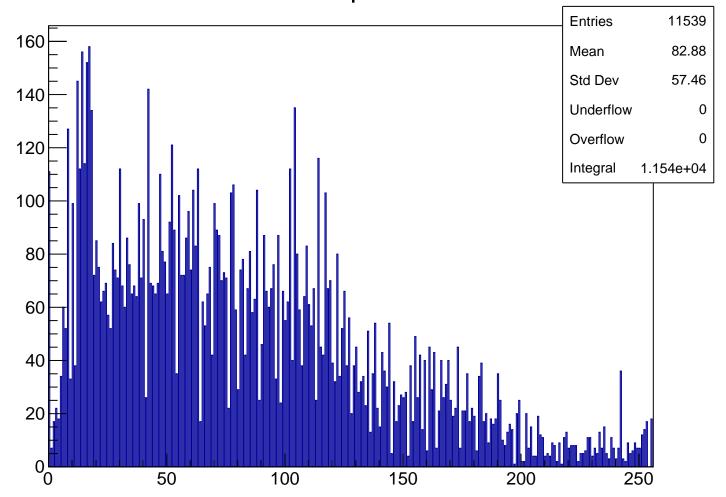
Sft D Nhits



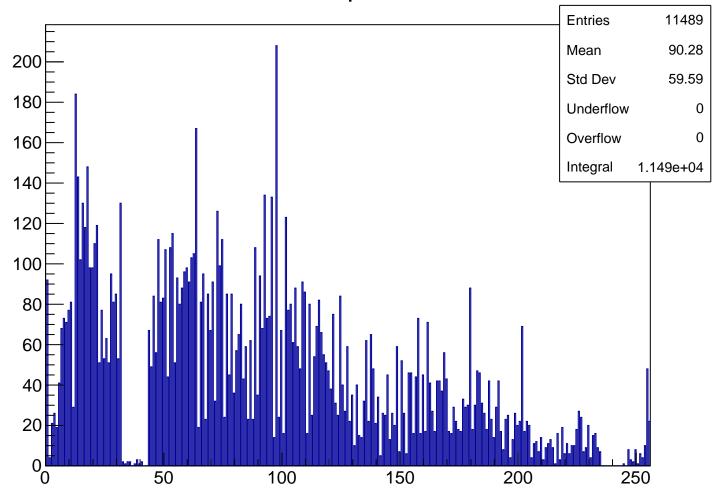
## SftNhits Cut2



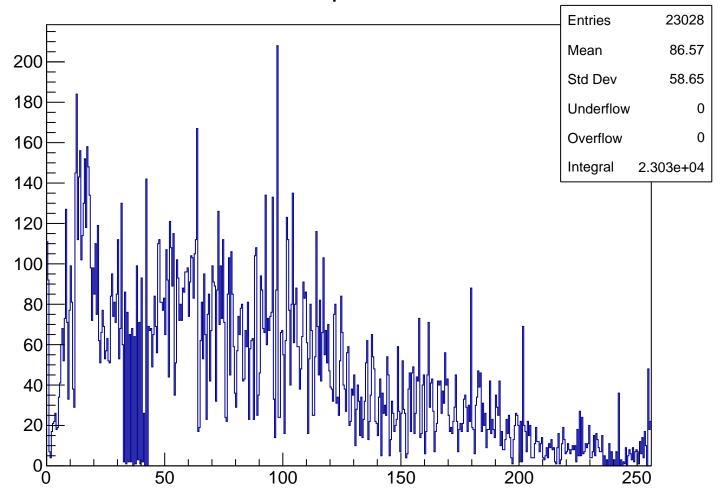
Sft U Hitpat Cut2



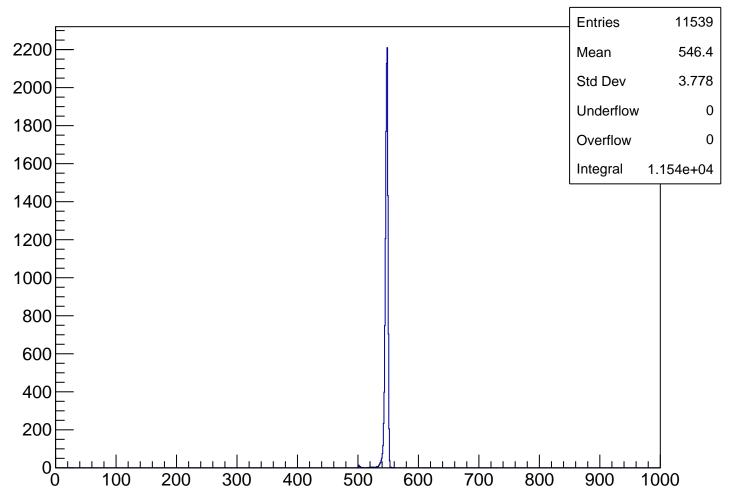
Sft D Hitpat Cut2



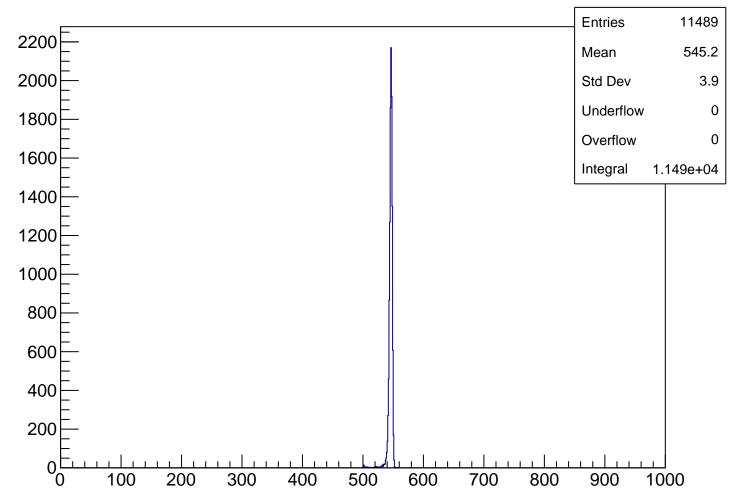
SftHitpat Cut2



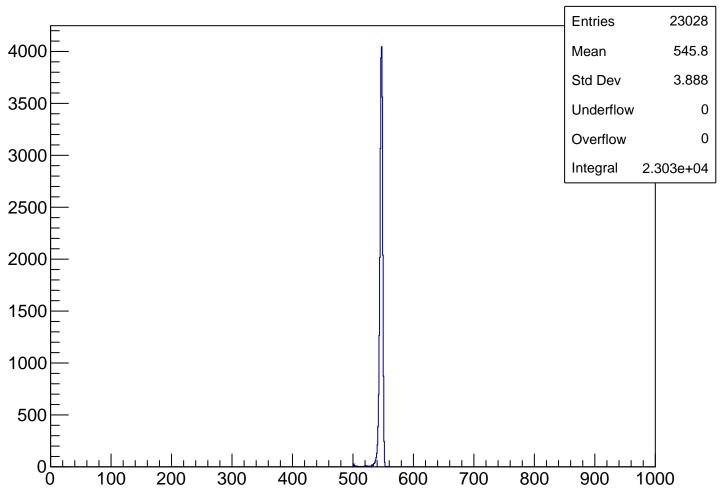
### Sft U Tdc Cut2



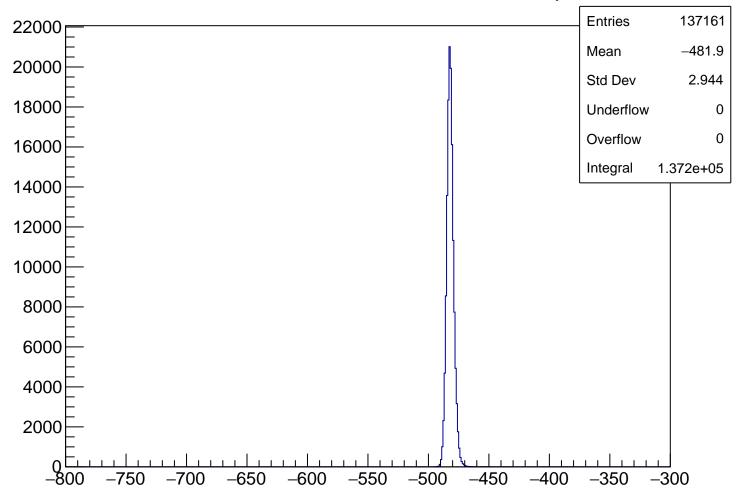
### Sft D Tdc Cut2



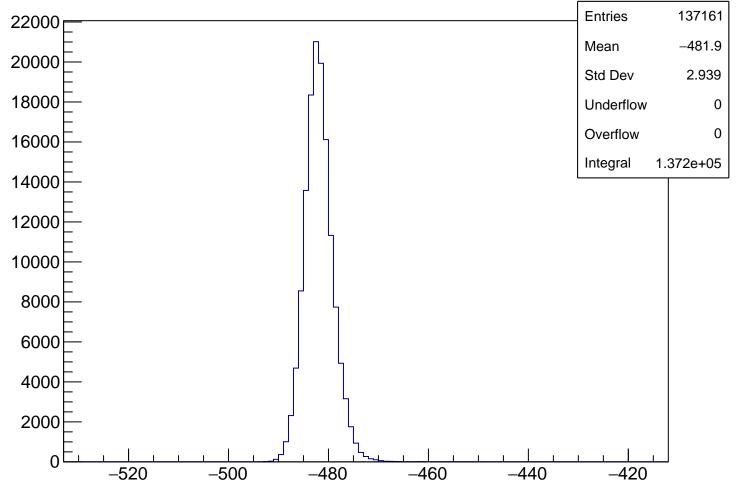
SftTdc Cut2



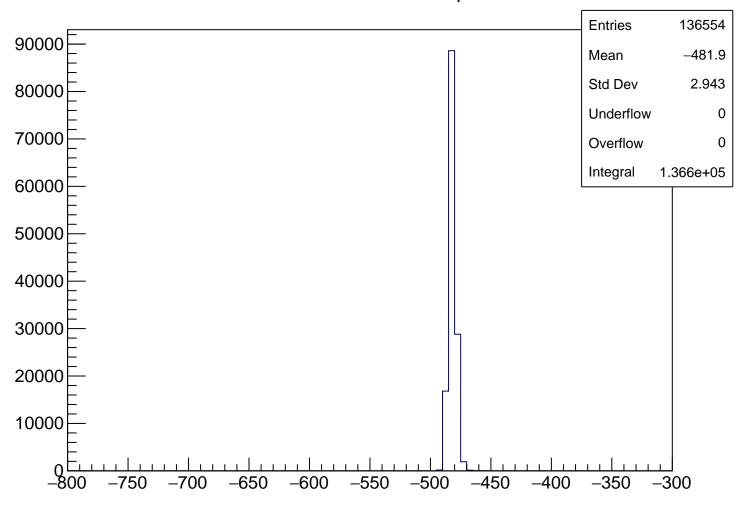
Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1



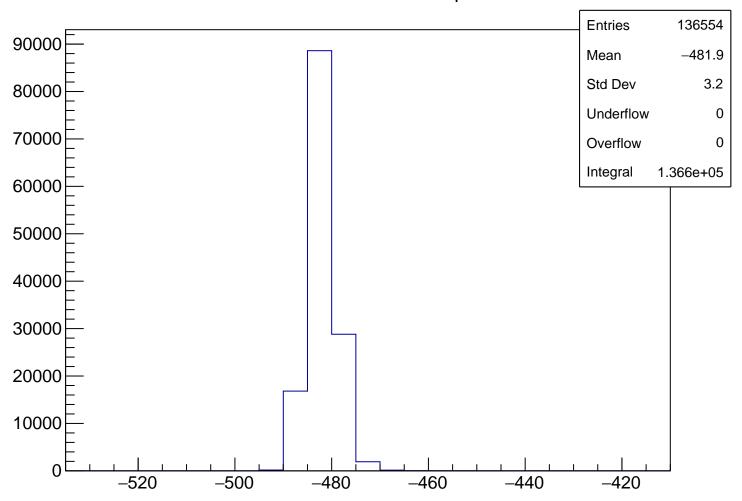
Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1



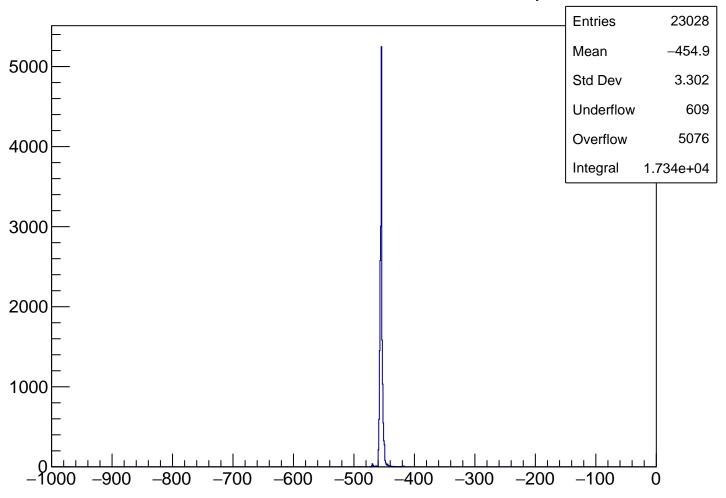
#### Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1



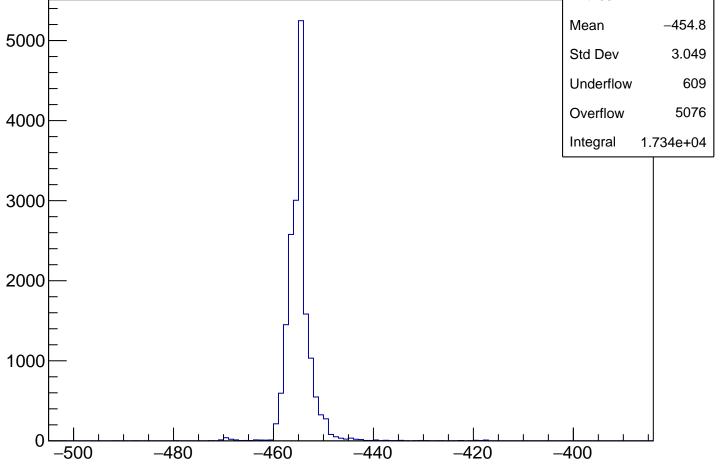
Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1

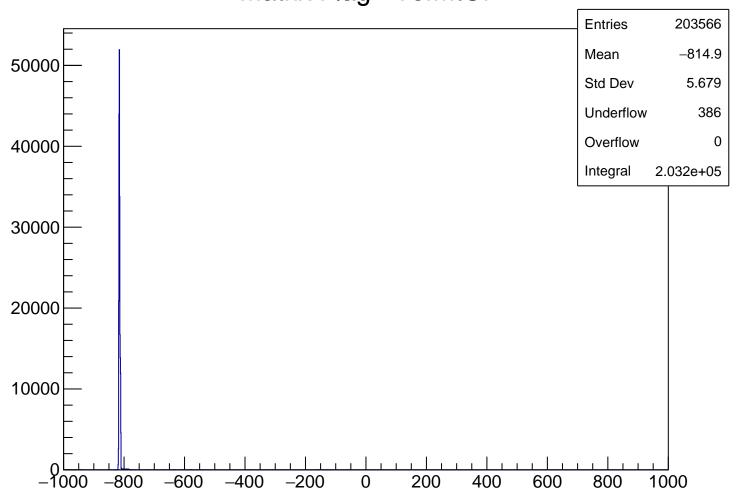


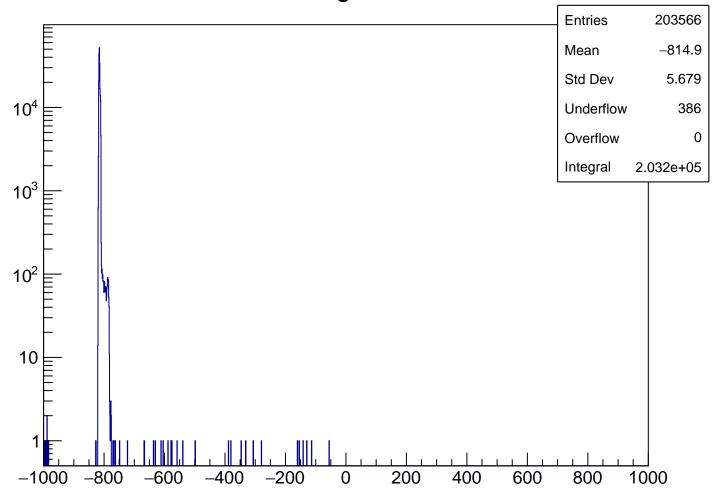
Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1

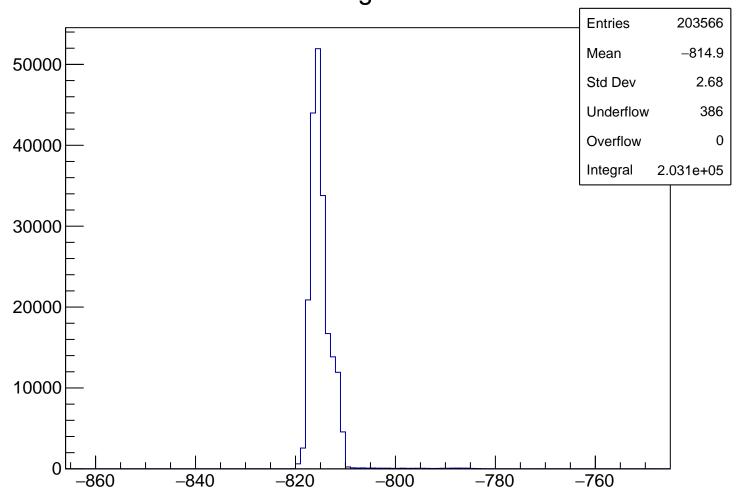


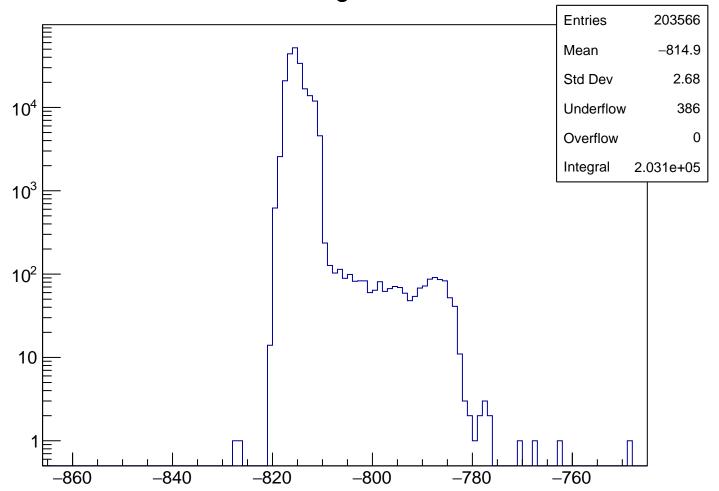
Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1 **Entries** 23028 Mean -454.8Std Dev 3.049 Underflow 609 Overflow 5076 Integral 1.734e+04

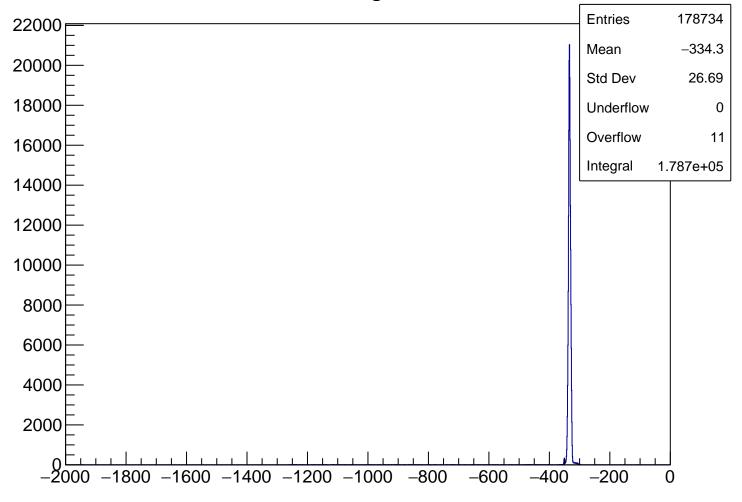


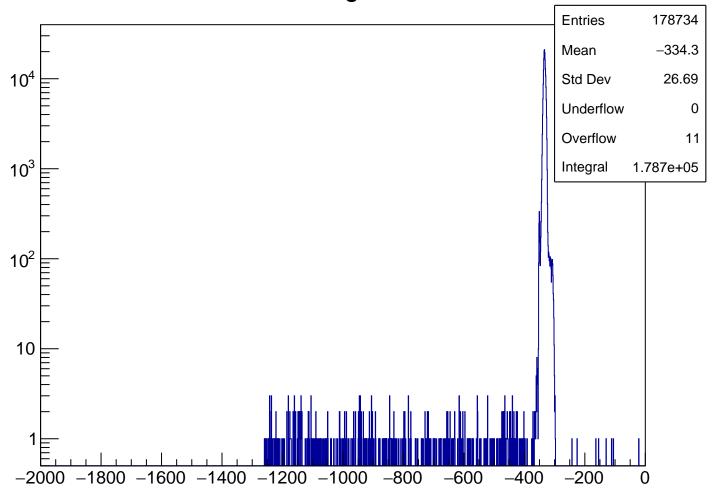


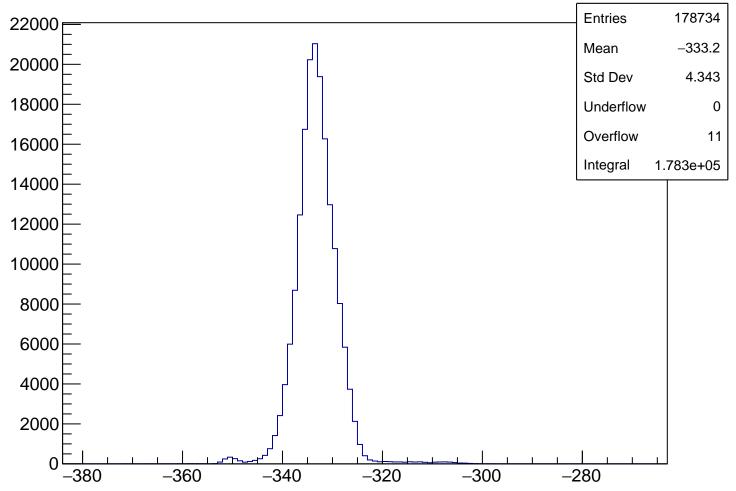


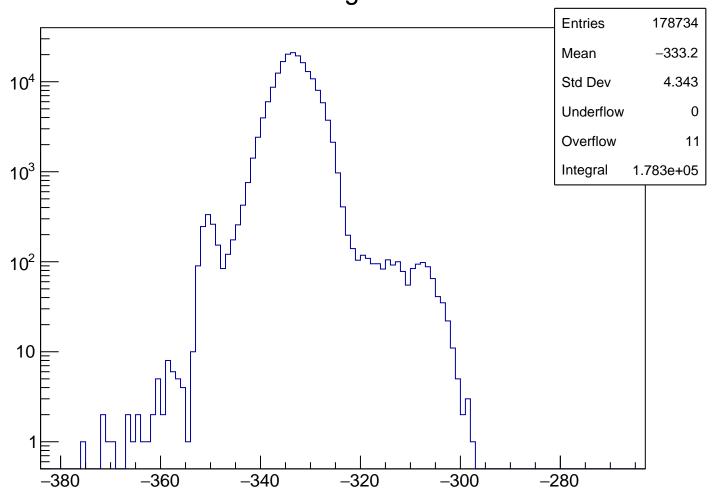




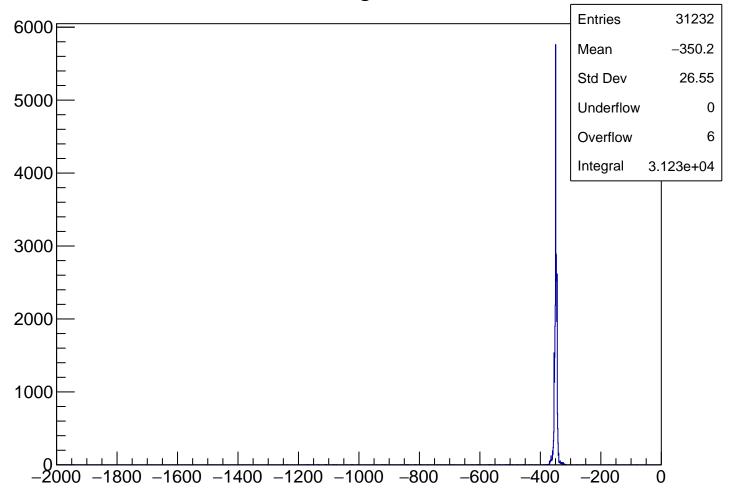




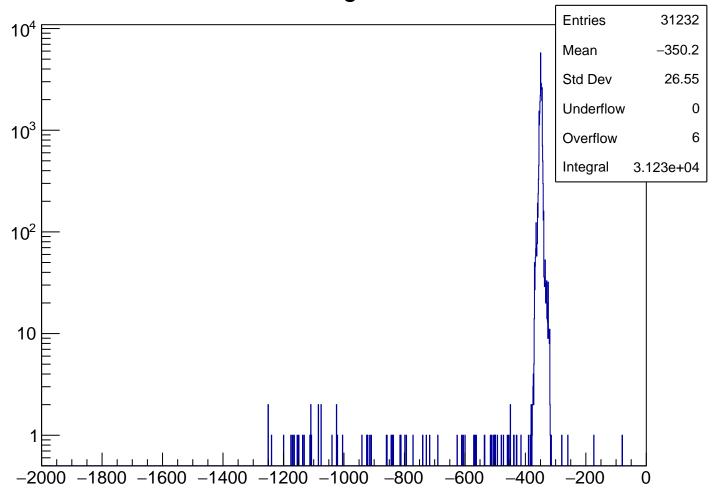




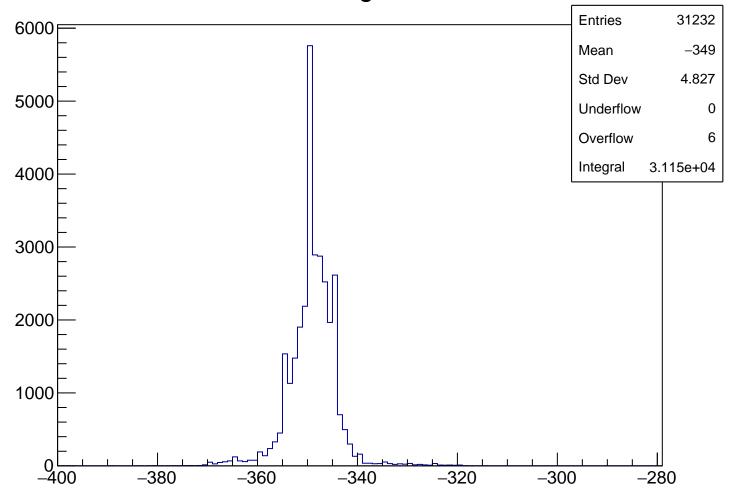
Matrix Flag - SftXOr



Matrix Flag - SftXOr

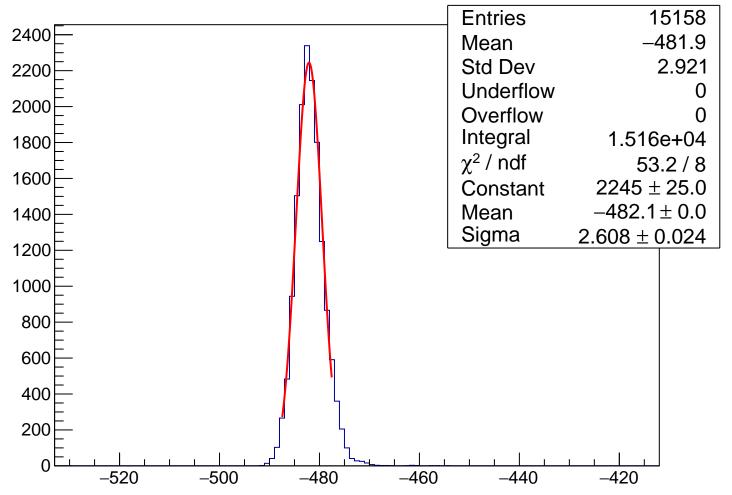


Matrix Flag - SftXOr

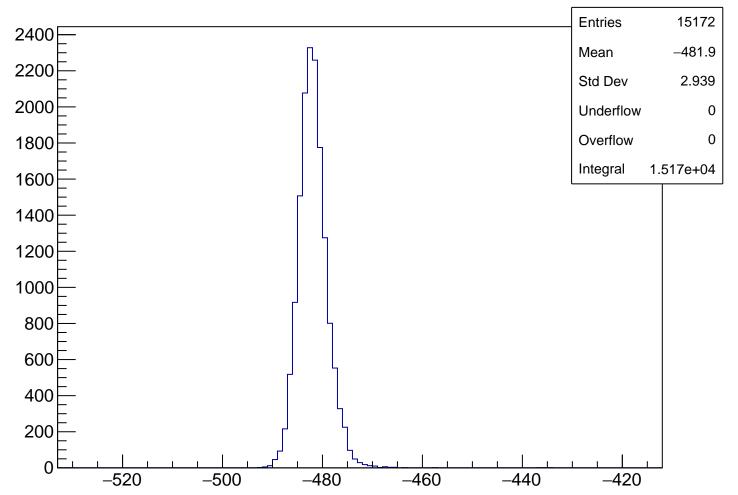


Matrix Flag - SftXOr 31232 **Entries** 10<sup>4</sup> Mean -349Std Dev 4.827 Underflow 0 10<sup>3</sup> Overflow 6 Integral 3.115e+04  $10^{2}$ 10 -380 -320 -280 -400-360-340-300

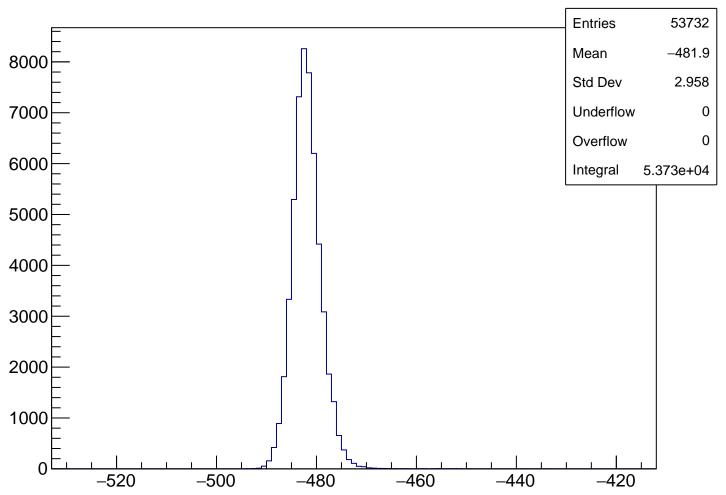
Sch-Tof KCut: Cut3 & 0.1<m2&m2<0.4



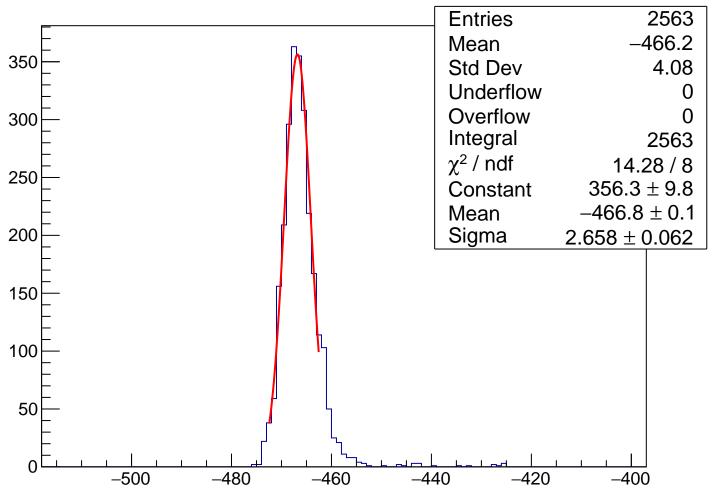
Sch-Tof PiCut: Cut3 & 0<m2&m2<0.1



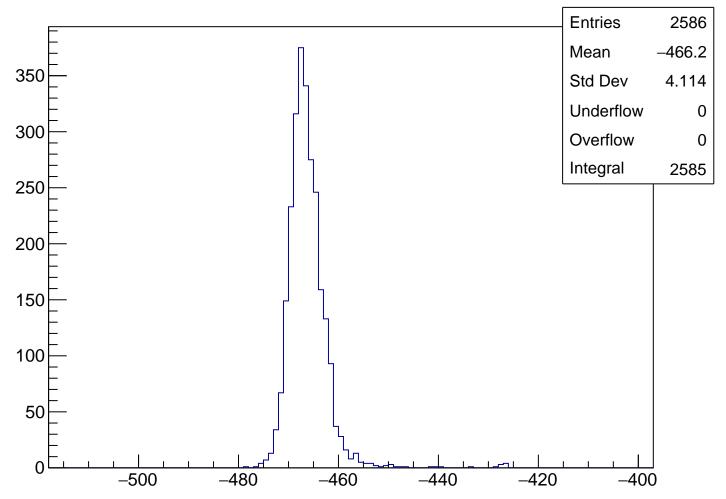
Sch-Tof PCut: Cut3 & 0.6<m2&m2<1



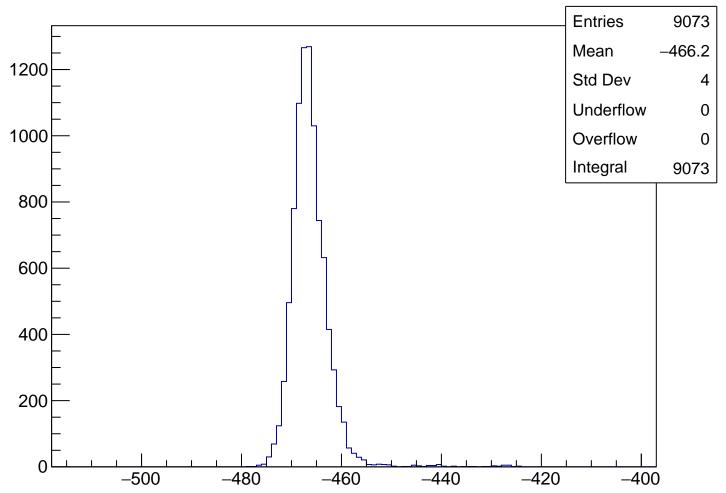
SftX-Tof KCut: Cut3 & 0.1<m2&m2<0.4



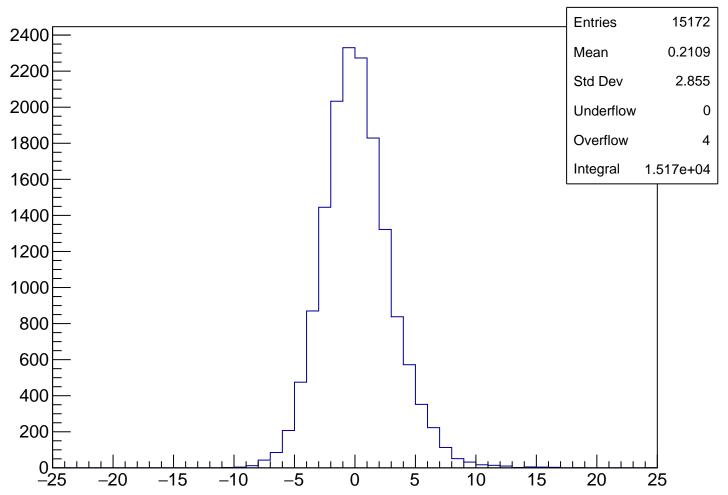
SftX-Tof PiCut: Cut3 & 0<m2&m2<0.1



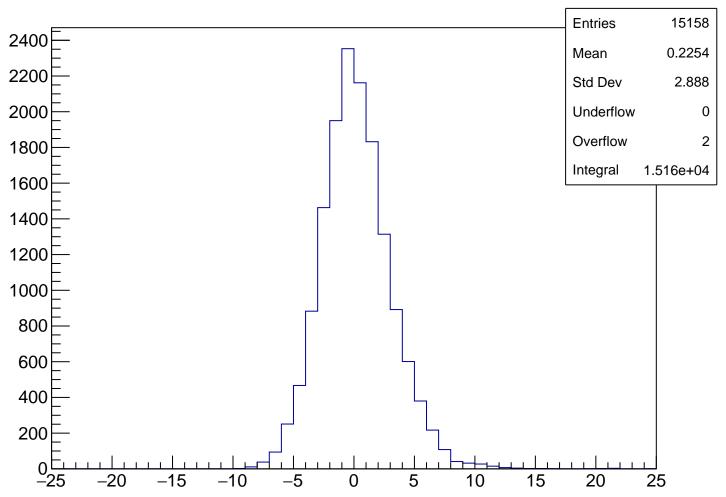
SftX-Tof PCut: Cut3 & 0.6<m2&m2<1



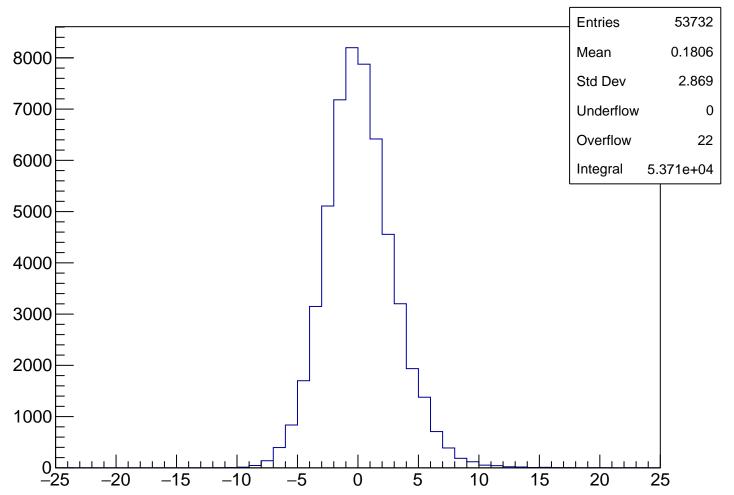
Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1



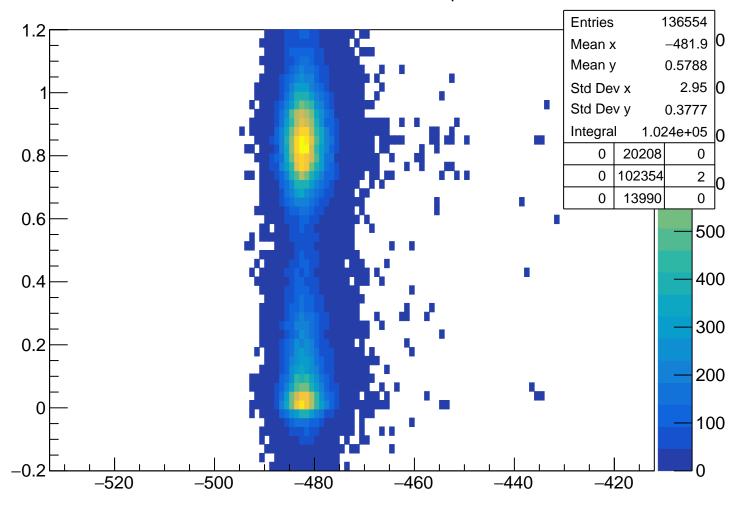
Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4



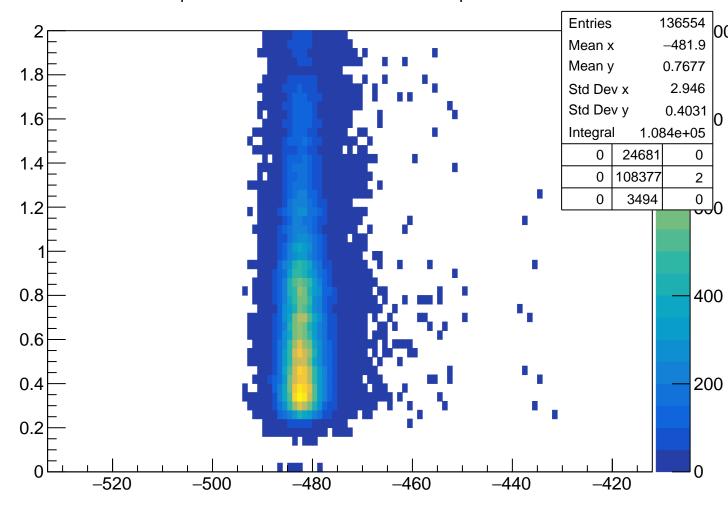
Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1



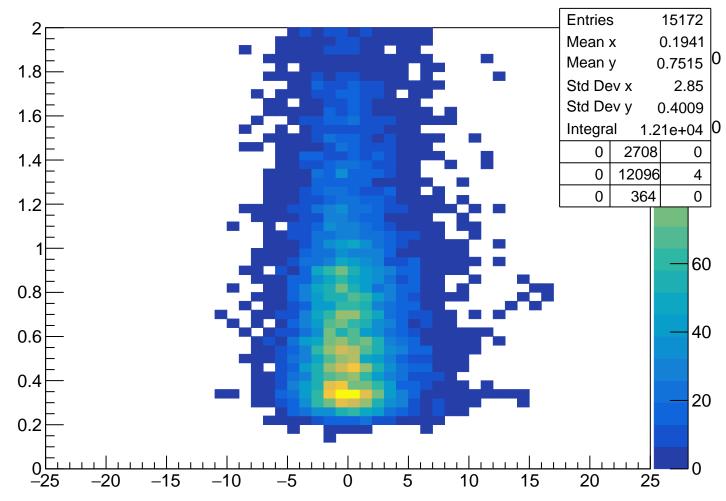
Sch-Tof vs m2 Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1



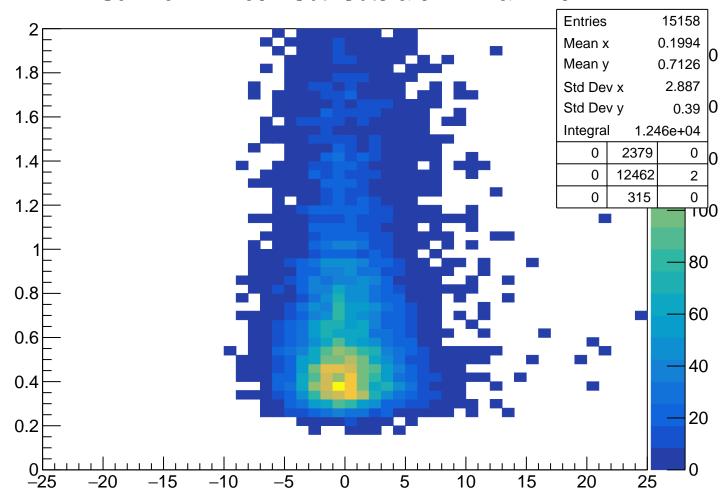
Sch-Tof vs pKurama Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1



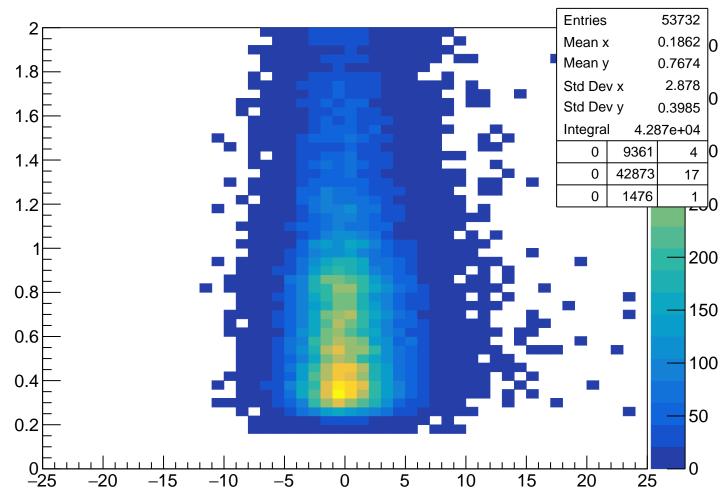
## Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1



## Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4

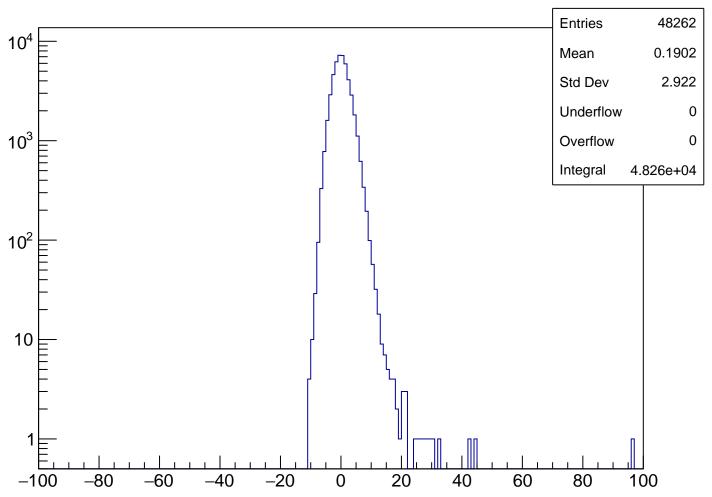


## Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1

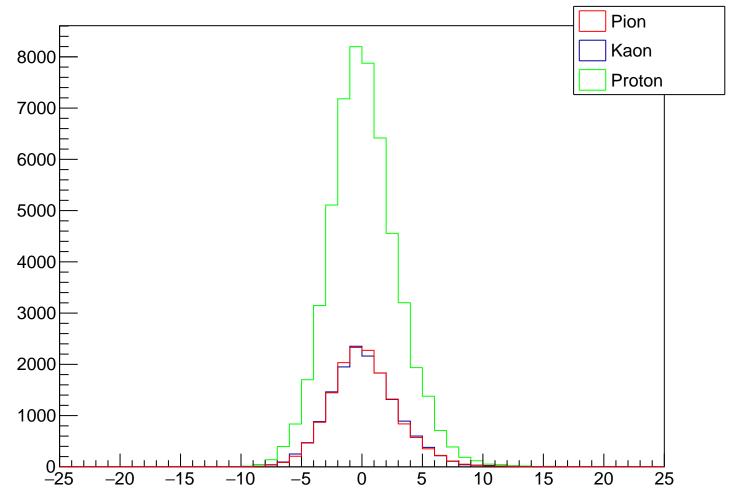


Sch-Tof Cut3 & 0<m2&m2<1 **Entries** 88292 0.1951 Mean 10<sup>4</sup> Std Dev 2.874 Underflow 0 Overflow 30 10<sup>3</sup> Integral 8.826e+04  $10^2$ 10 1<u>L</u> -25 -20 -15 -10 15 20 25 10

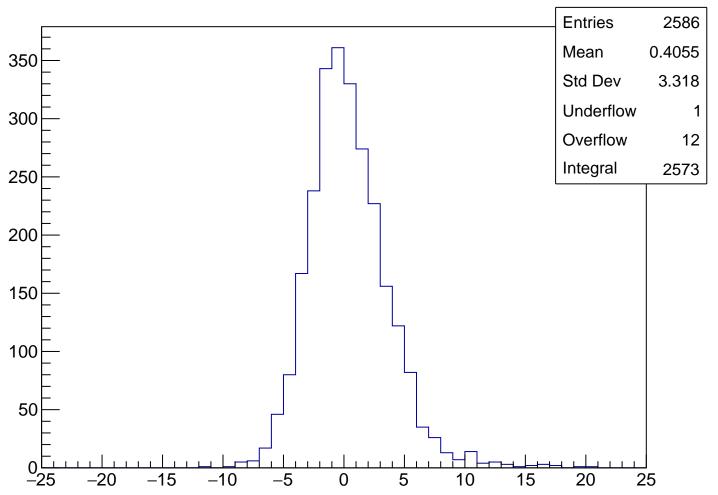
## Sch-Tof Cut3 & 1<m2&m2<0



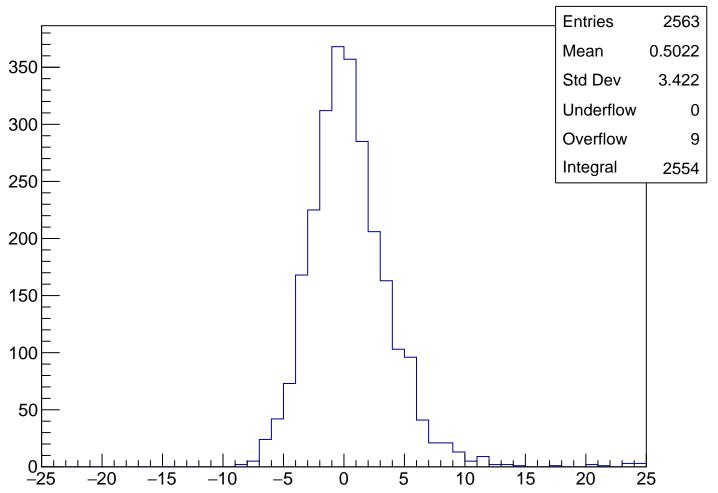
Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1



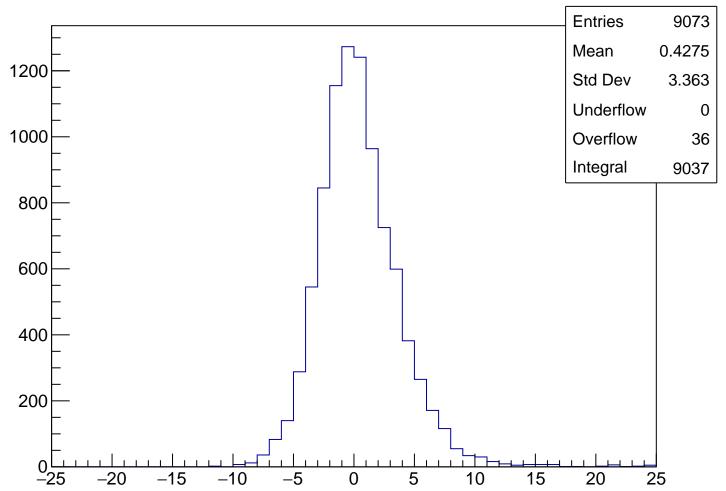
SftX-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1



SftX-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4



SftX-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1



SftX-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1

