**TrigPatAll** ×10<sup>3</sup> **Entries** 8474624 Mean 12.71 250 Std Dev 7.294 Underflow 5.691e+06 Overflow 2.648e+05 200 Integral 2.518e+06 150 100 50

15

20

25

30

10

0,

TrigFlag Bh2K



TrigFlag ElseOr



TrigFlag Matrix



TrigFlag Matrix



**TofNhits** 







**TofMtOr** Entries 1.016955e+08 Mean Std Dev 15.34 1.016e+08 Underflow Overflow Integral 9.114e+04 -10 

TofMtOrDepthPat



TofMtOrAllDepthPat



TofHitPat Cut:Nhits **Entries** Mean 11.11 Std Dev 4.397 Underflow Overflow Integral 3.005e+04 

**TofMtOrCut Entries** Mean Std Dev 15.34 Underflow 2.091e+04 Overflow Integral 9.114e+04 -10 

TofMtOr TdcCut & MtxFlgCut



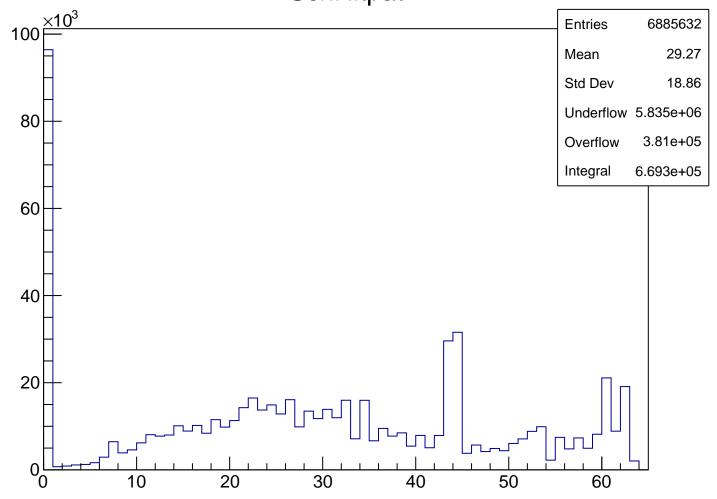




**SchNhits** 



SchHitpat



SchNhitsCut:nhits=1 & Maxdepth =1



SchTdc

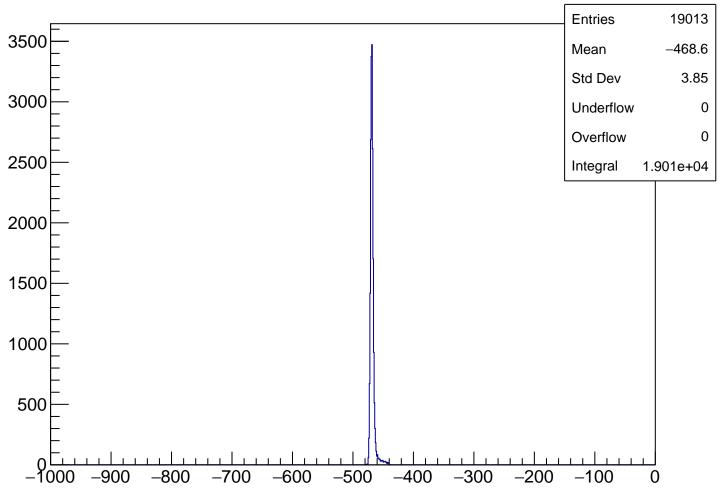


SchTdcCut:nhits=1 & Maxdepth =1



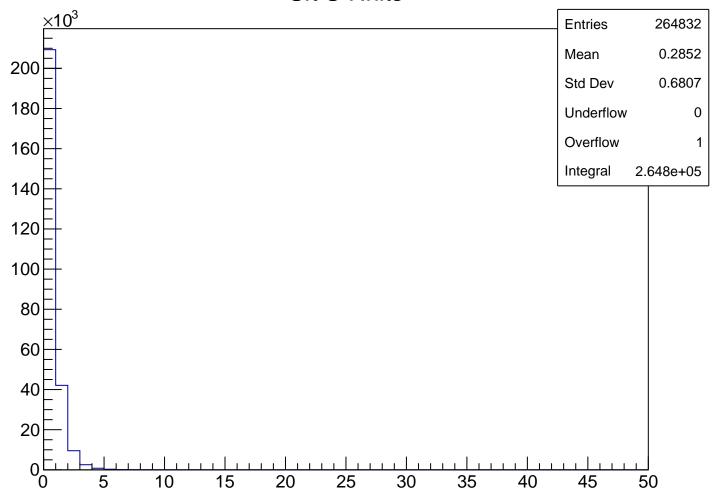
SchTdcCut2: Sch&TOF-> nhits=1 & Maxdepth =1 **Entries** Mean 468.6 Std Dev 3.85 Underflow Overflow Integral 1.901e+04 0, 

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

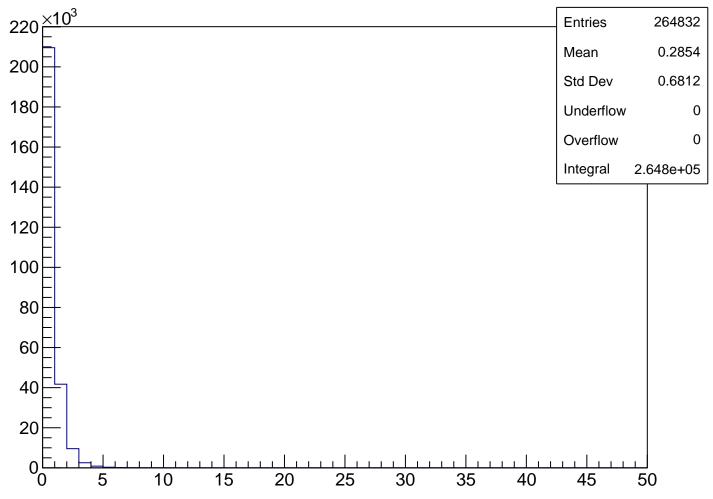


SchTimeCut2: Sch&TOF-> nhits=1 & Maxdepth =1 **Entries** 19013 3500 Mean -468.1Std Dev 3.85 3000 Underflow 0 Overflow 0 2500 Integral 1.901e+04 2000 1500 1000 500 0 -500 -480-460-440 -420-400

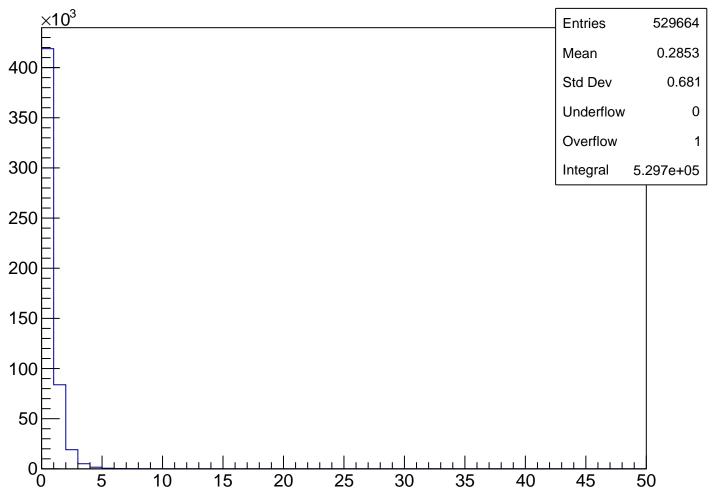
Sft U Nhits



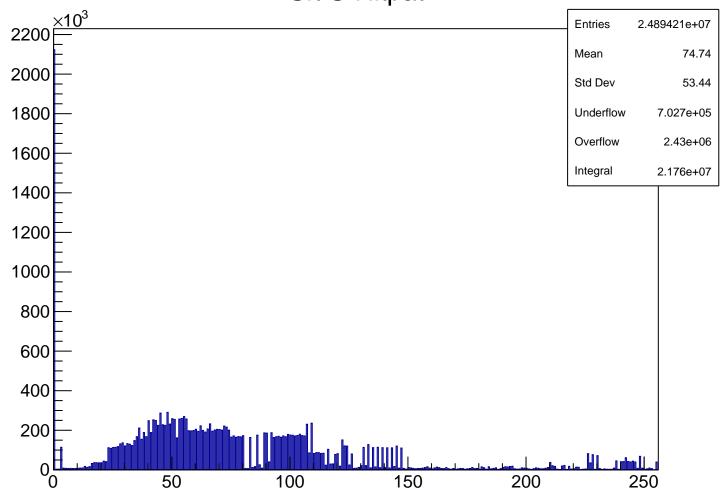
Sft D Nhits



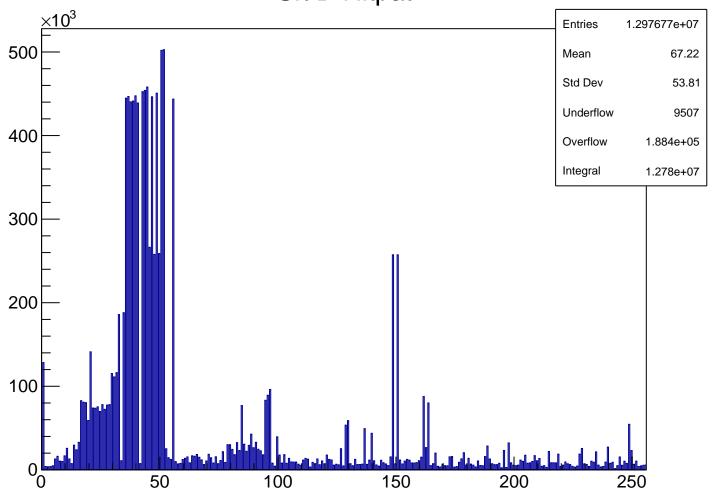
**SftNhits** 



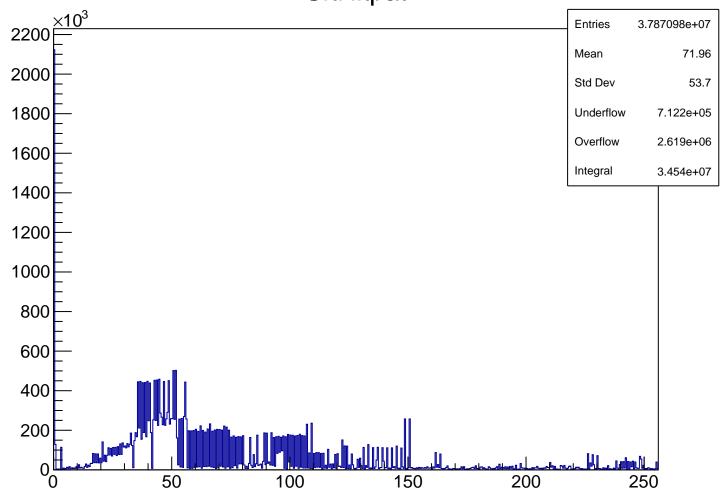
Sft U Hitpat



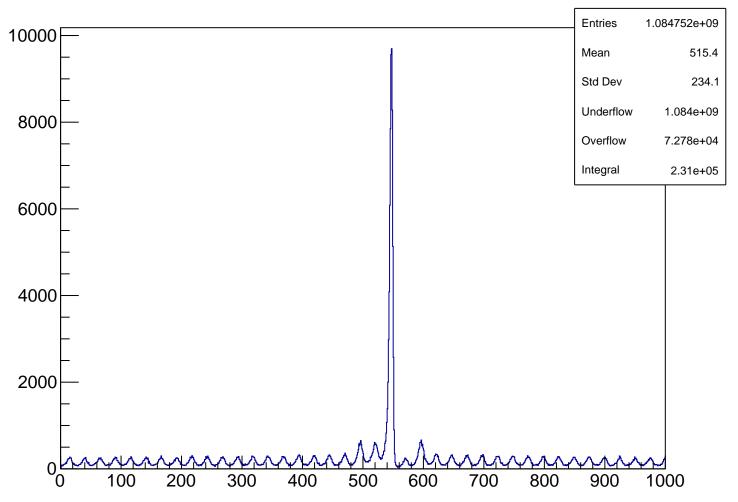
Sft D Hitpat



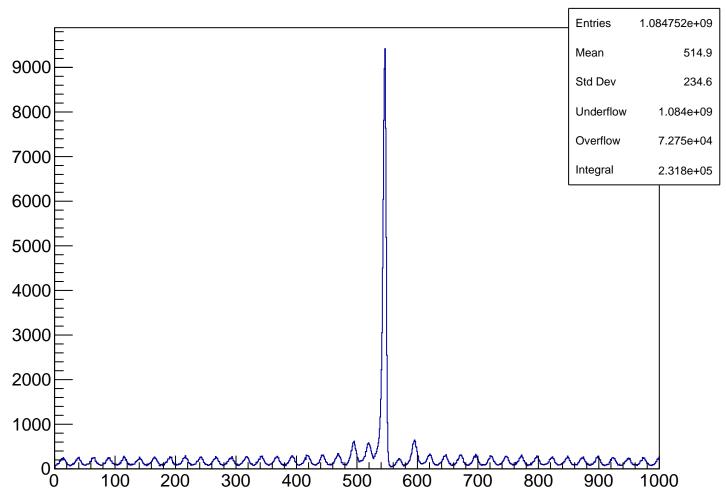
**SftHitpat** 



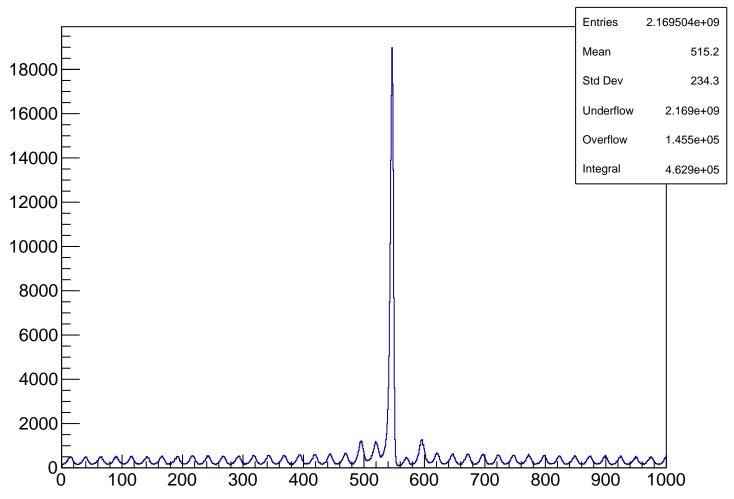
Sft U Tdc



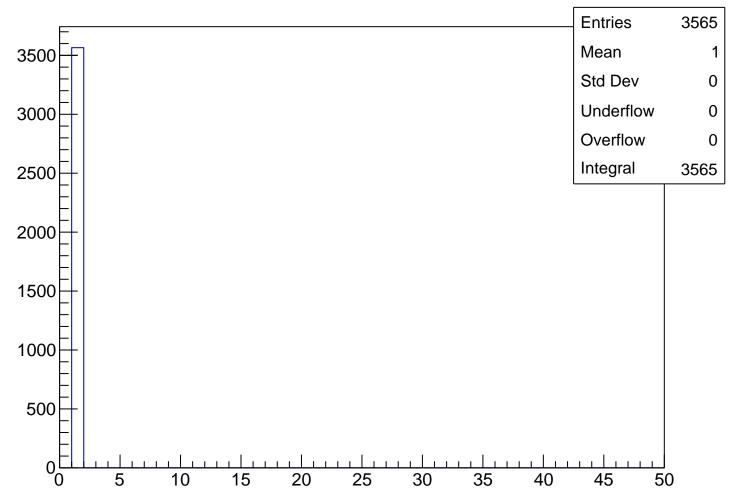
Sft D Tdc



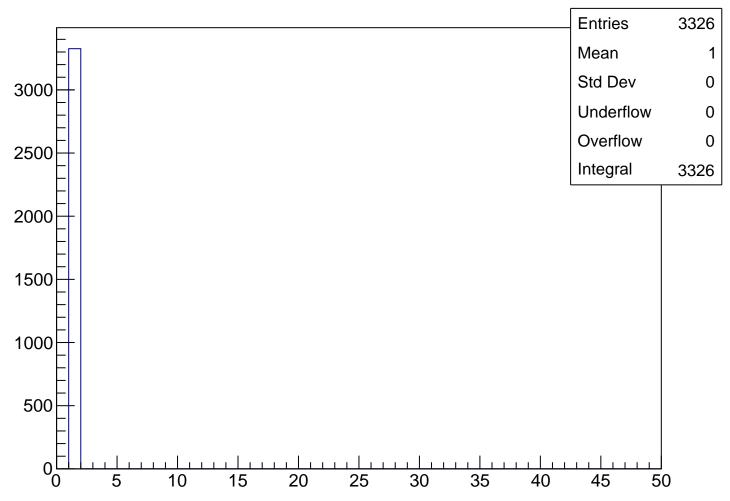
SftTdc



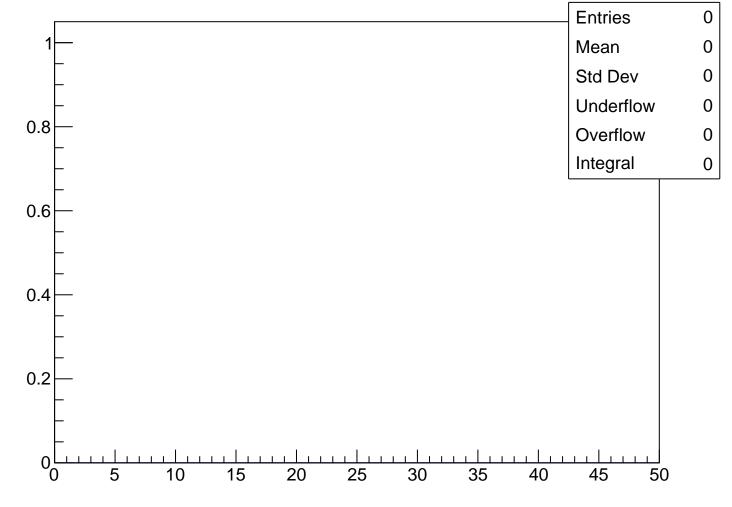
## Sft U Nhits Cut



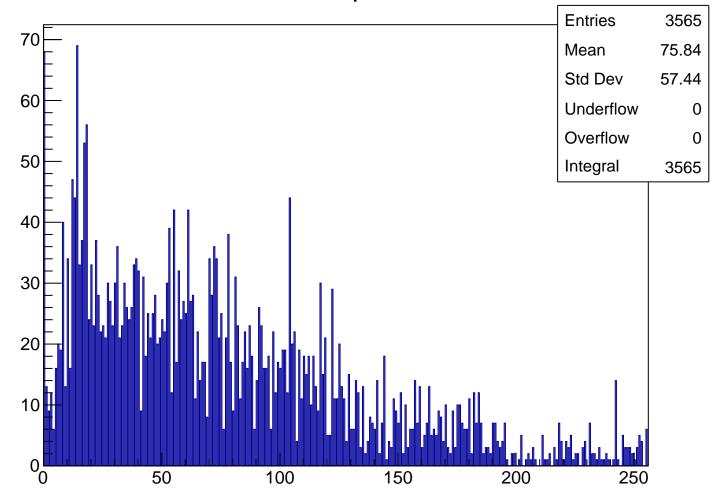
Sft D Nhits



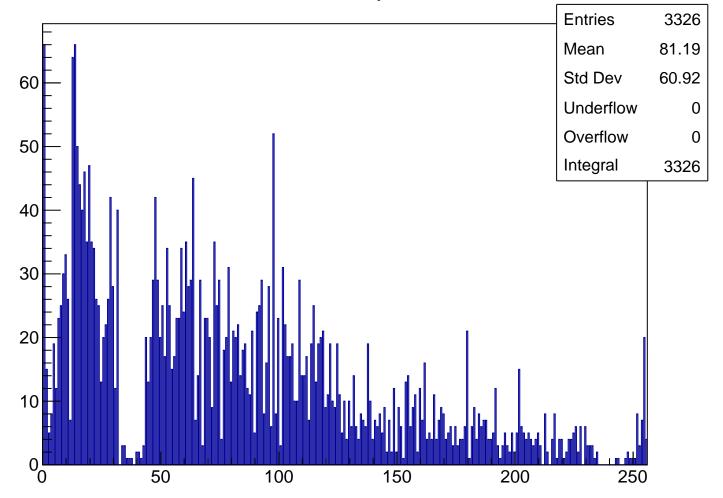
## SftNhits Cut



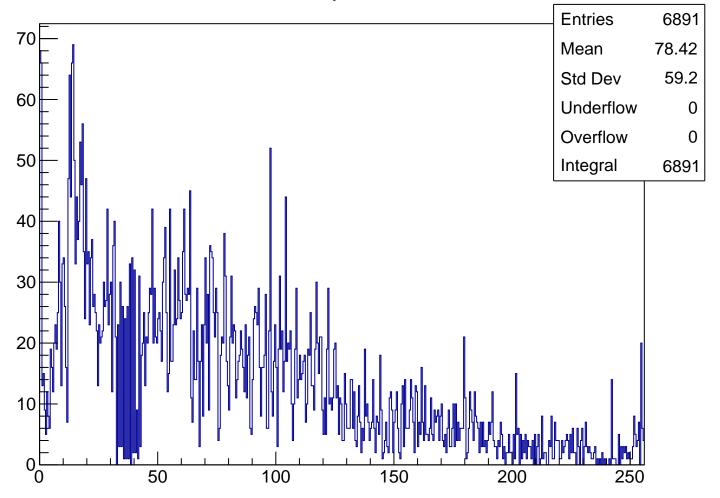
## Sft U Hitpat Cut



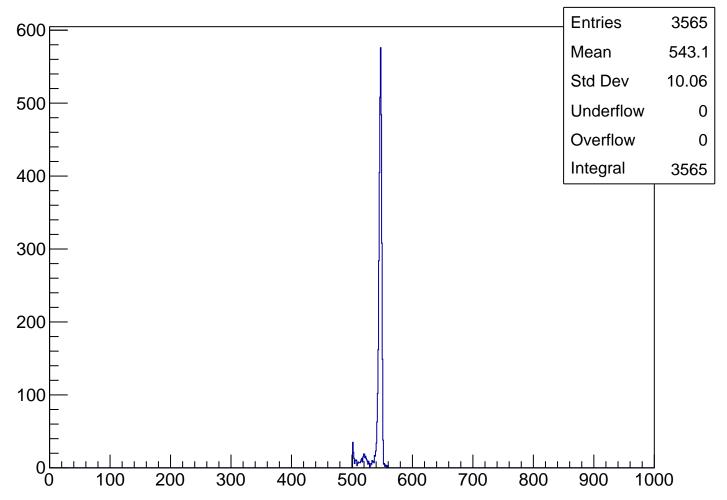
Sft D Hitpat



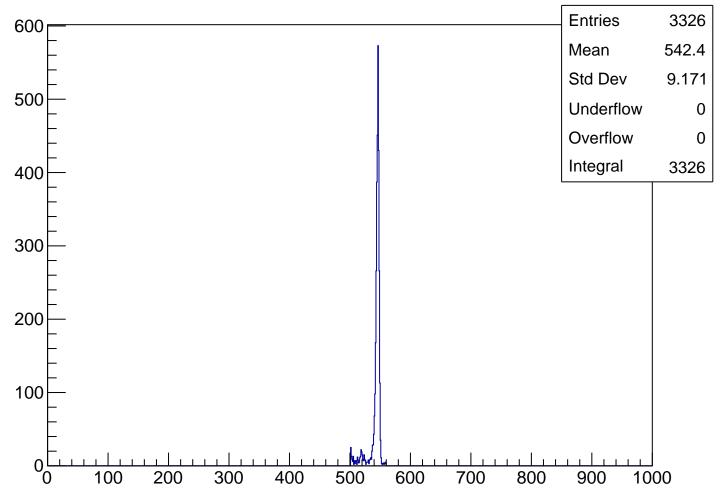
SftHitpat Cut



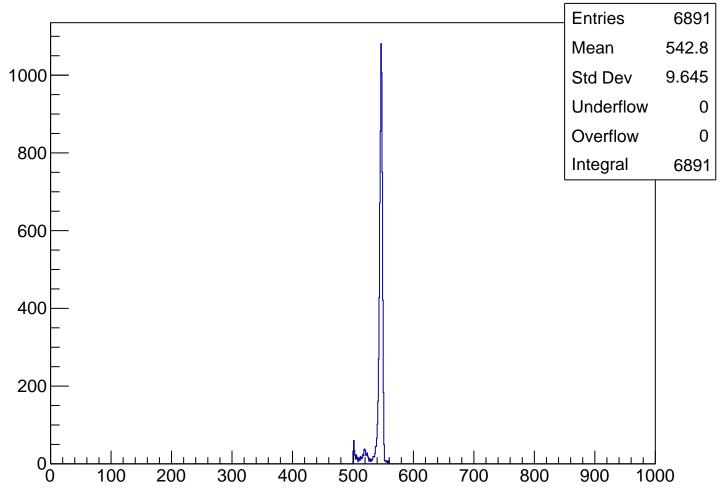
Sft U Tdc Cut



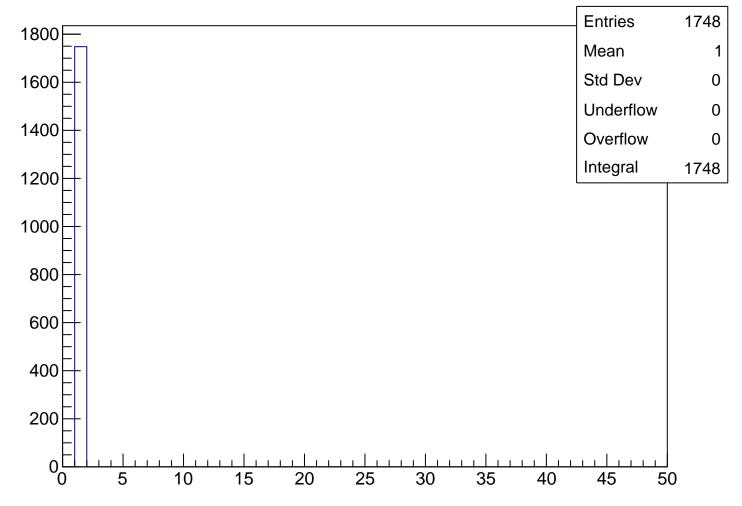
Sft D Tdc



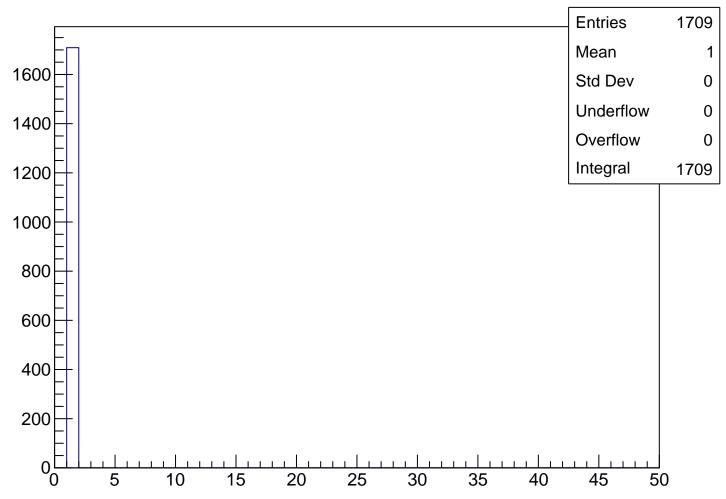
SftTdc Cut



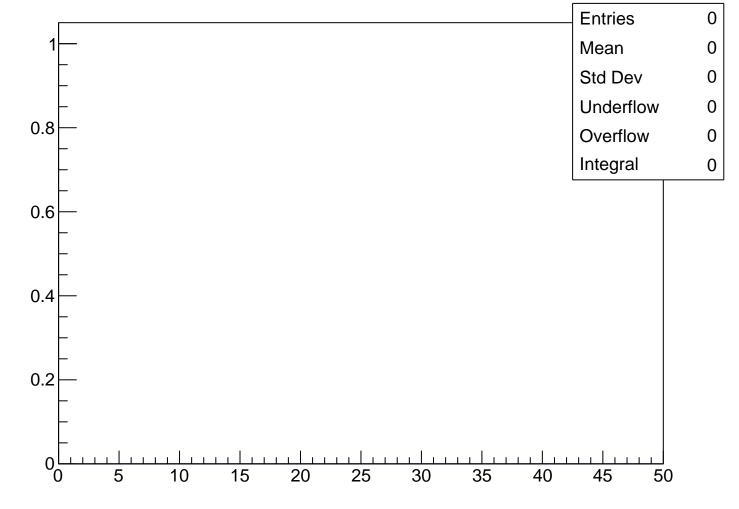
### Sft U Nhits Cut2



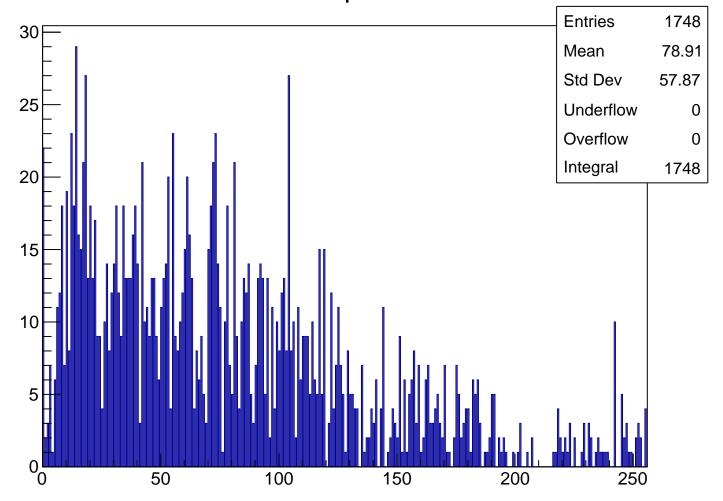
Sft D Nhits



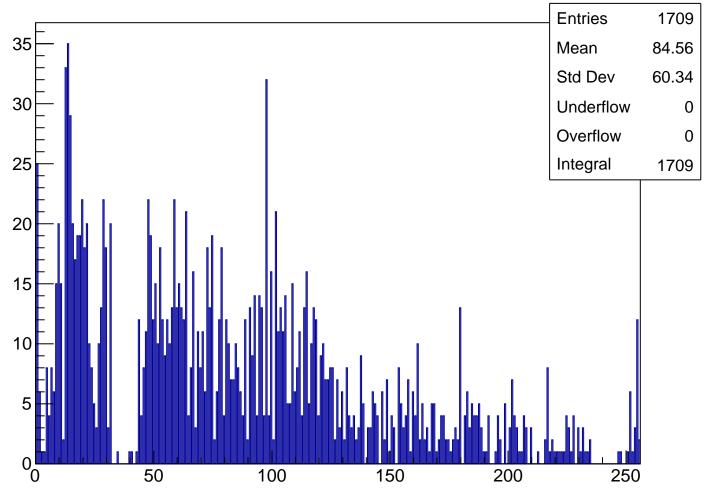
## SftNhits Cut2



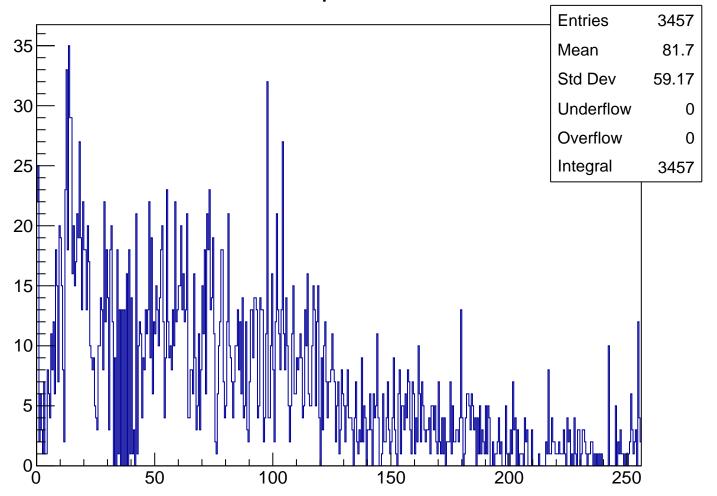
# Sft U Hitpat Cut2



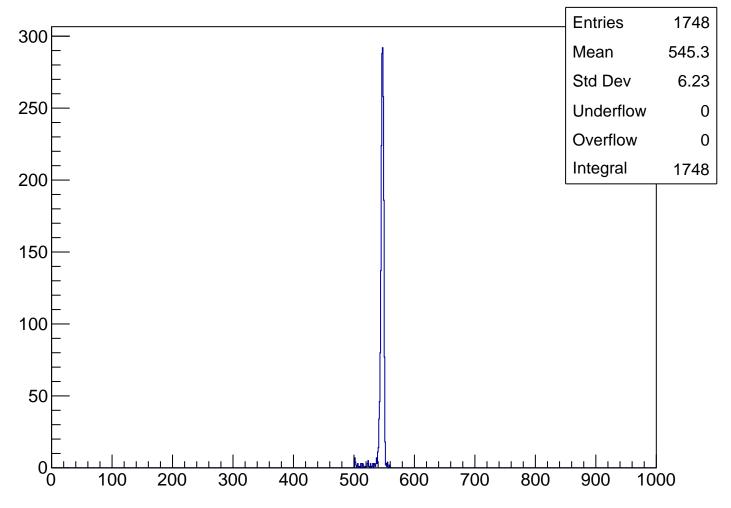
Sft D Hitpat



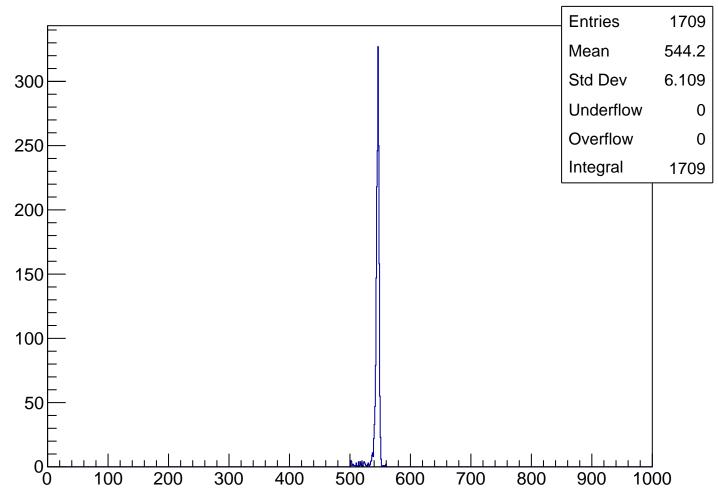
SftHitpat Cut2



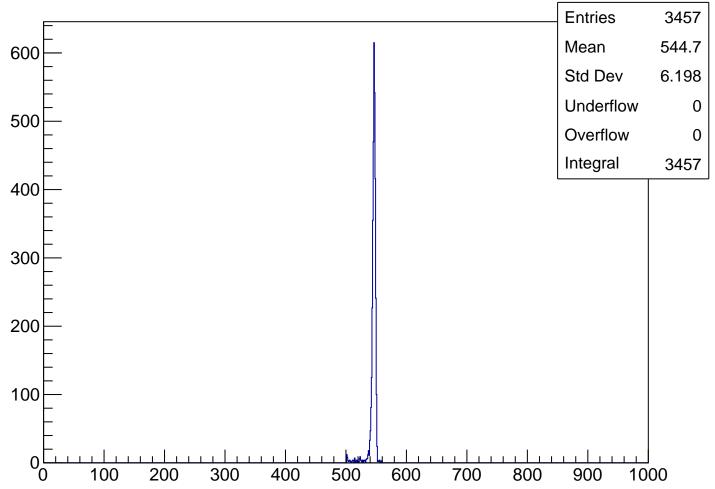
#### Sft U Tdc Cut2



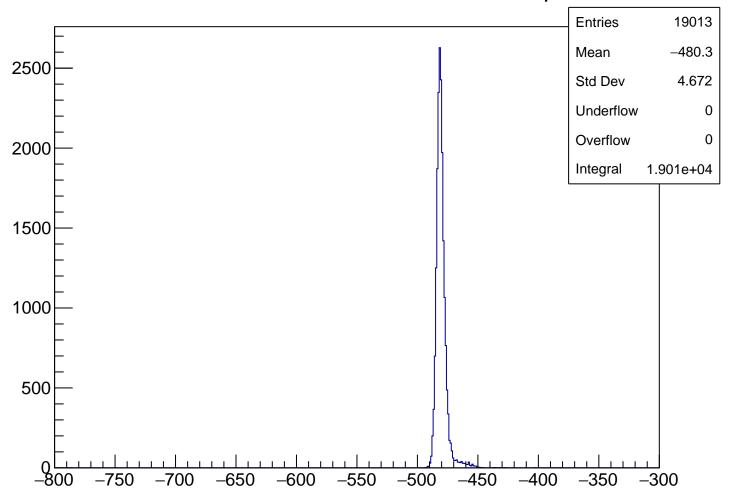
Sft D Tdc



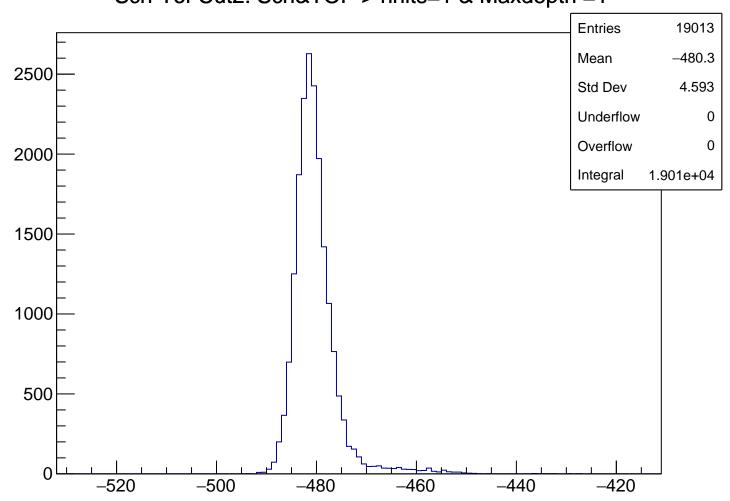
SftTdc Cut2



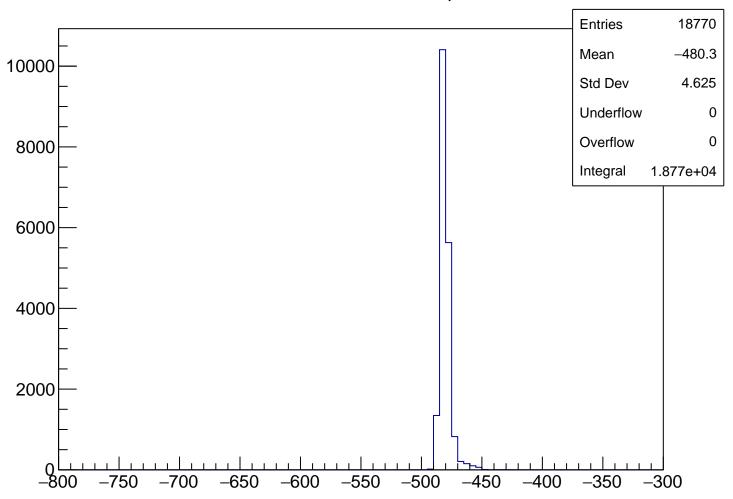
Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1



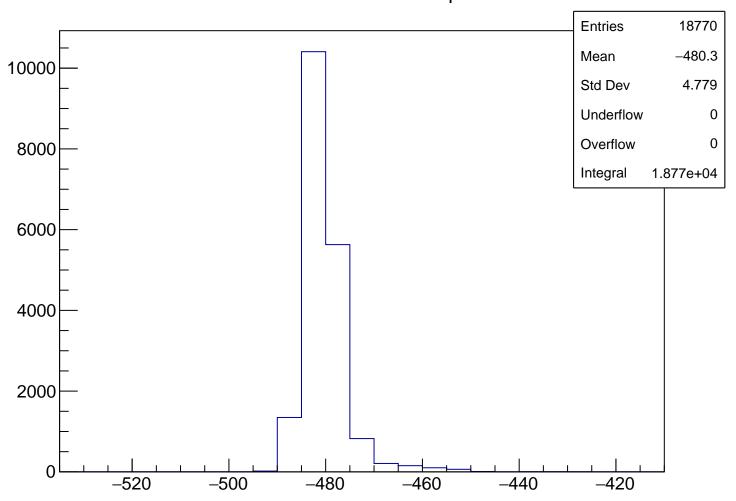
Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1

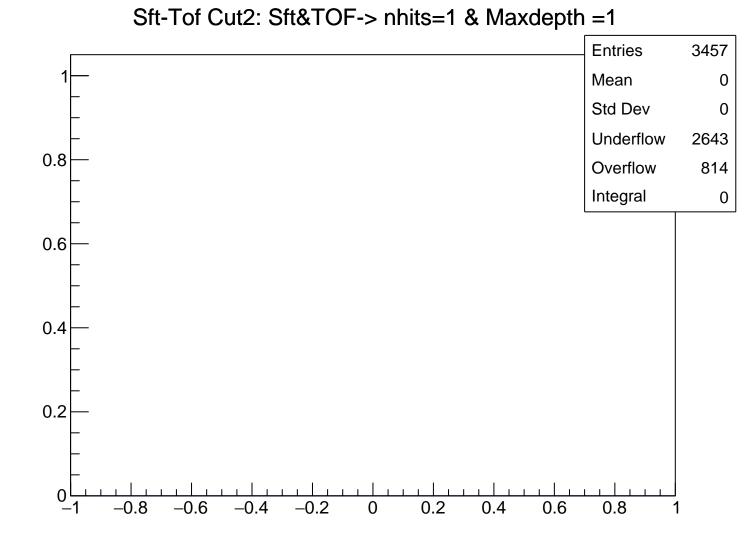


Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1



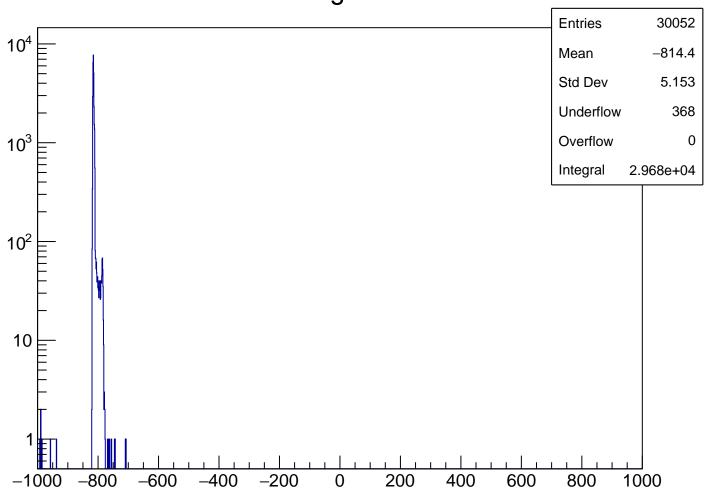
Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1

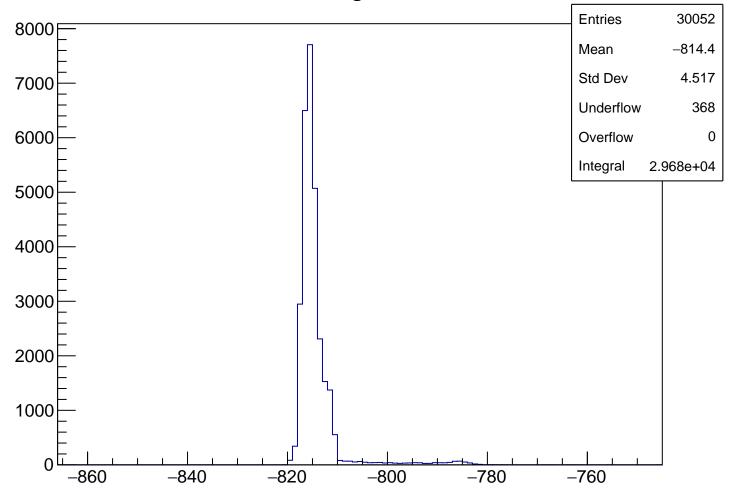


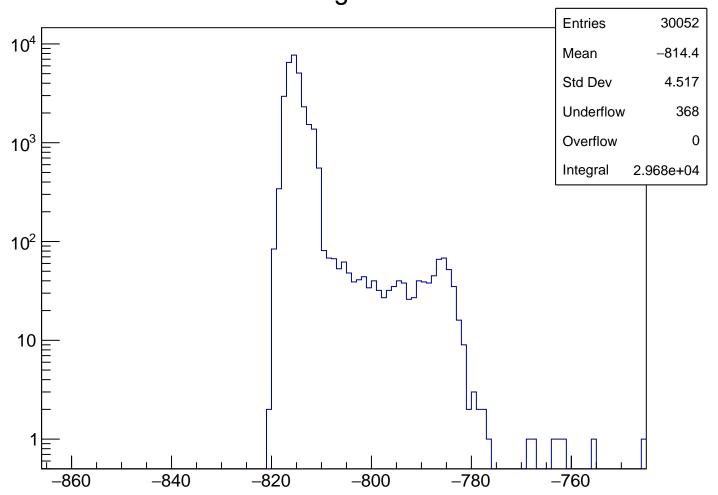


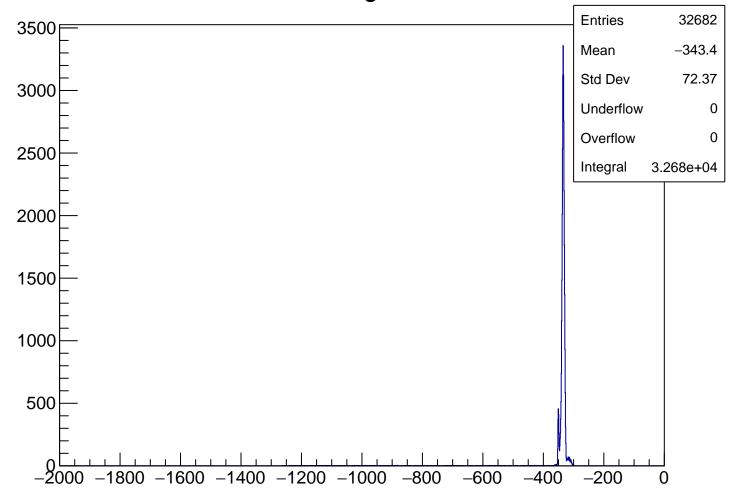
Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1 **Entries** 3457 Mean -0.52962500 Std Dev 0.8494 Underflow 2643 Overflow 814 2000 Integral 3457 1500 1000 500 0 L -1 -0.50.5

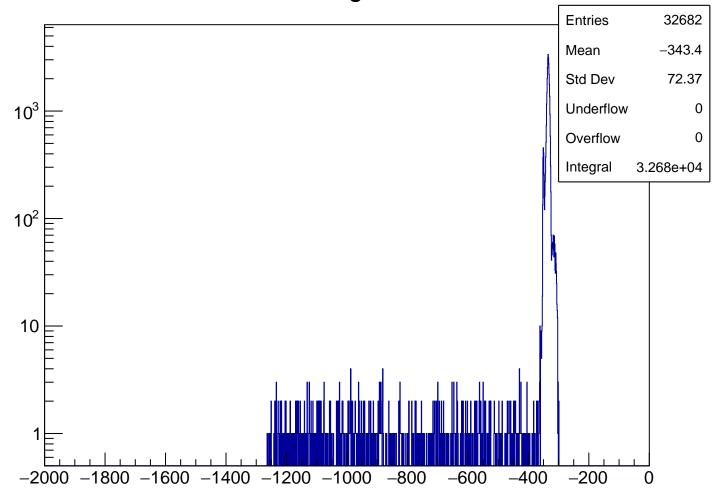


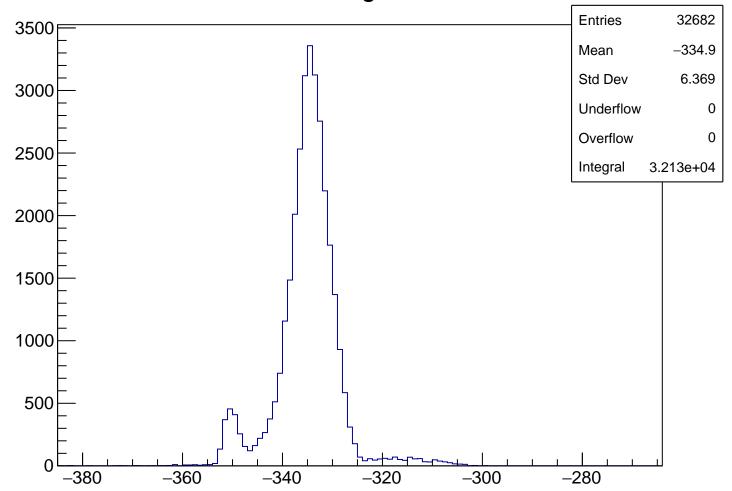


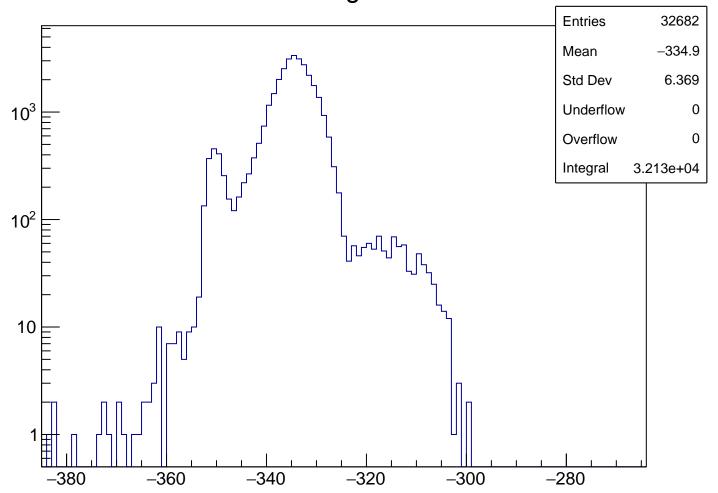




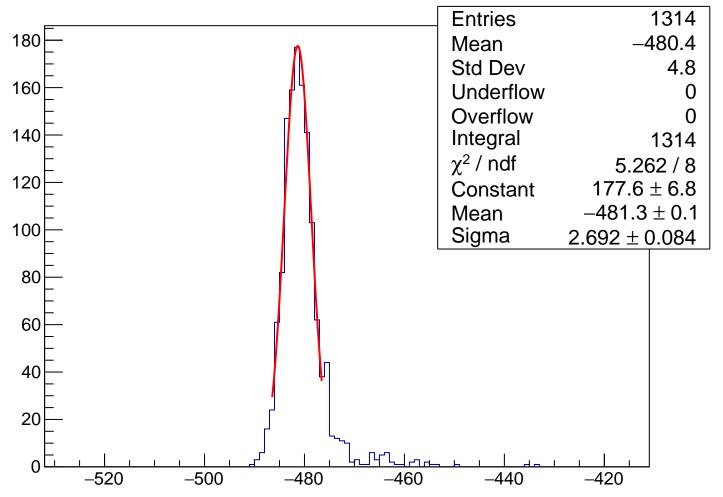




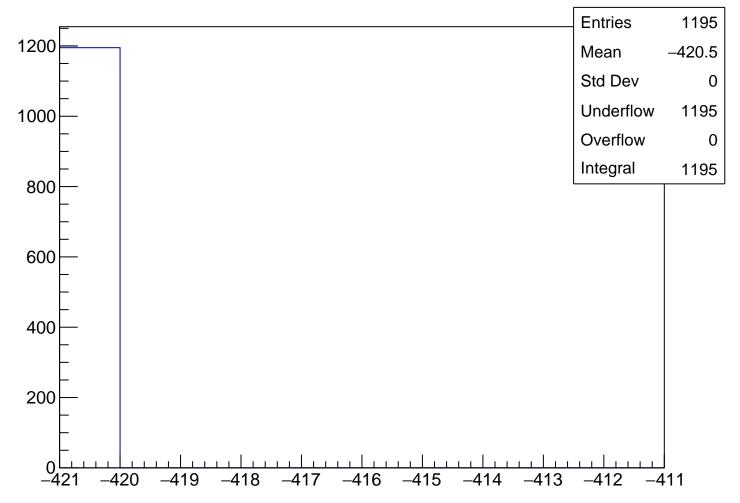




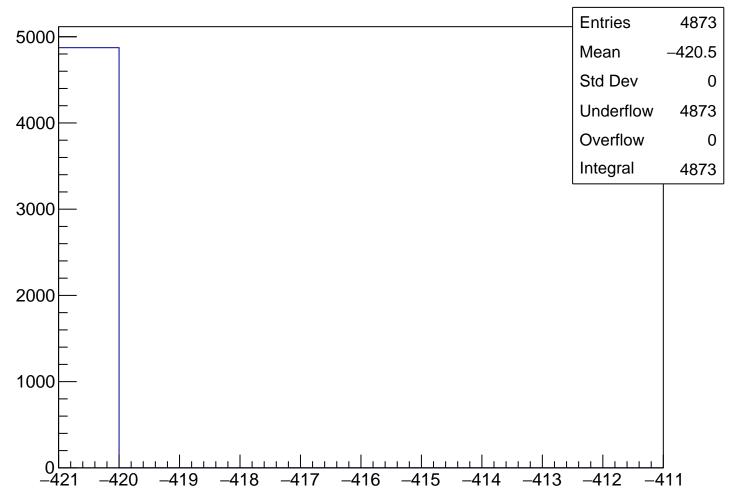
#### Sch-Tof KCut: Cut3 & 0.1<m2&m2<0.4



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

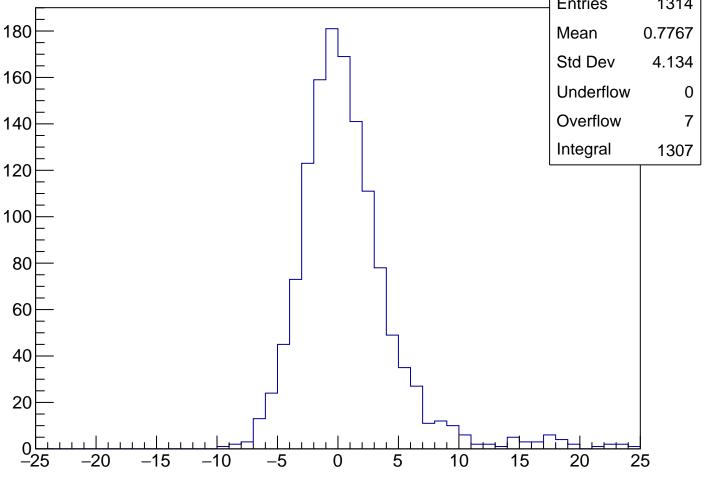


Sch-Tof PCut: Cut3 & 0.6<m2&m2<1

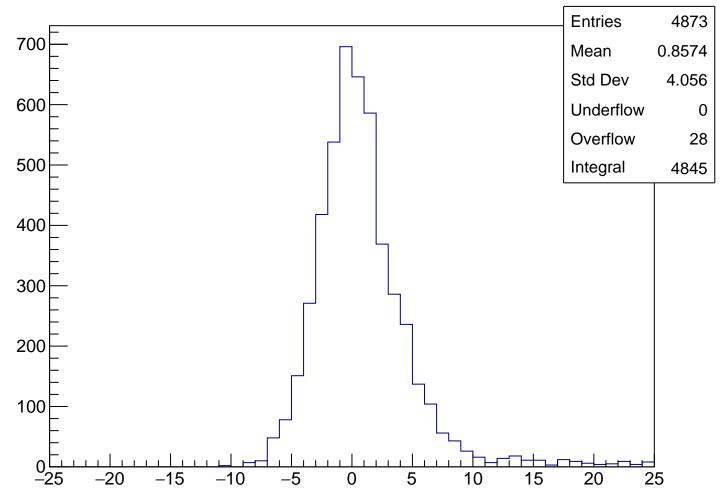


Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1 **Entries** 1195 160 Mean 0.8532 Std Dev 3.96 140 Underflow 0 Overflow 5 120 Integral 1190 100 80 60 40 20 0 -25 -20 -15 -5 10 15 20 25 -10

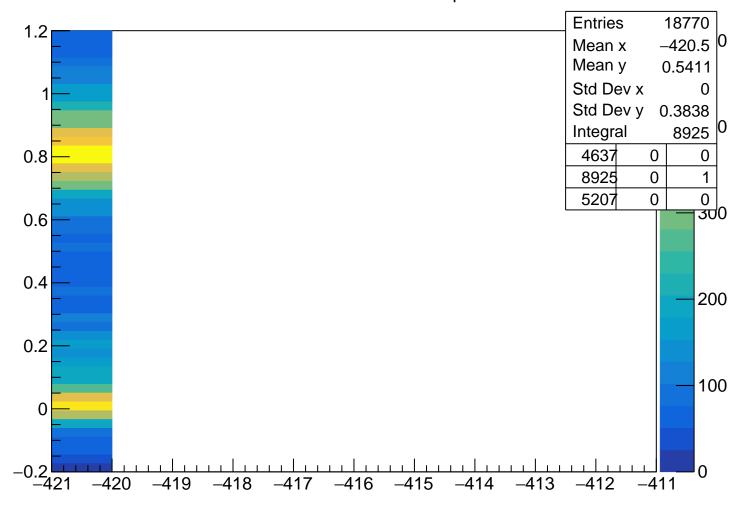
Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4 **Entries** 1314 Mean 0.7767 Std Dev 4.134 Underflow 0 Overflow Integral 1307



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



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



2

0.2

<del>-</del>420

-415

-405

<del>-4</del>10

18770

0

-0.1





-395

-400

-390

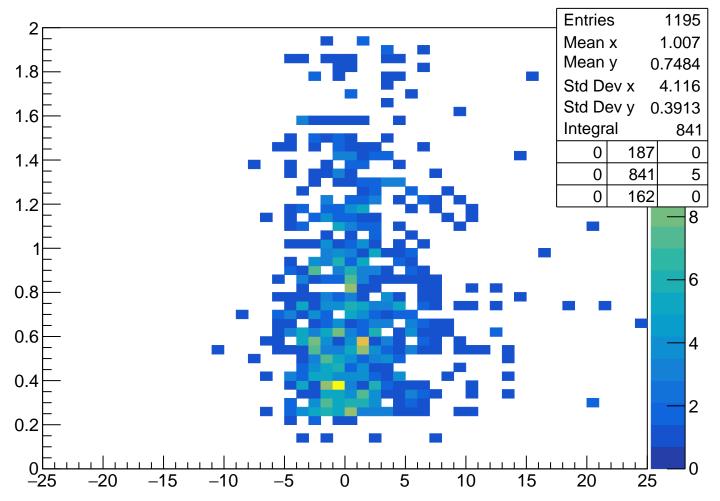
-385

-380

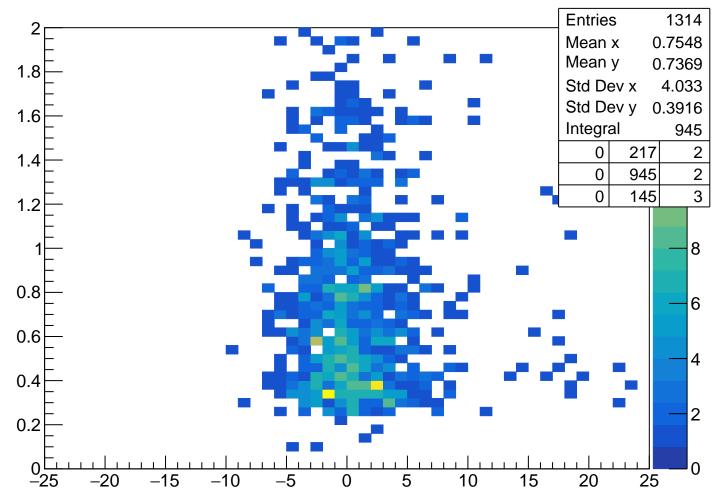
-375

-370

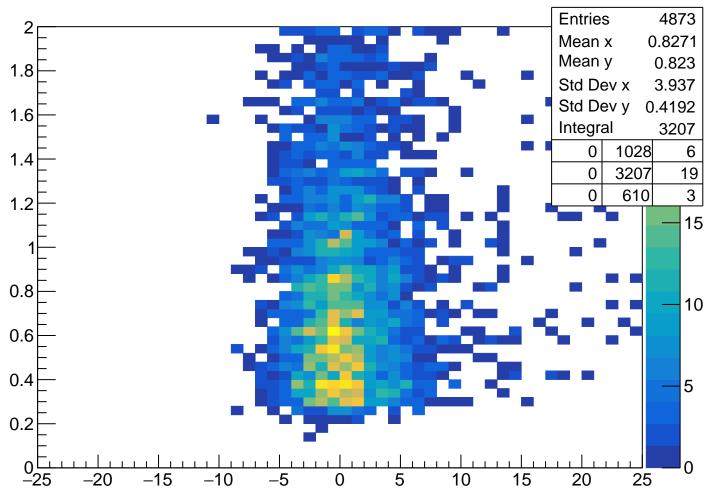
### Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1

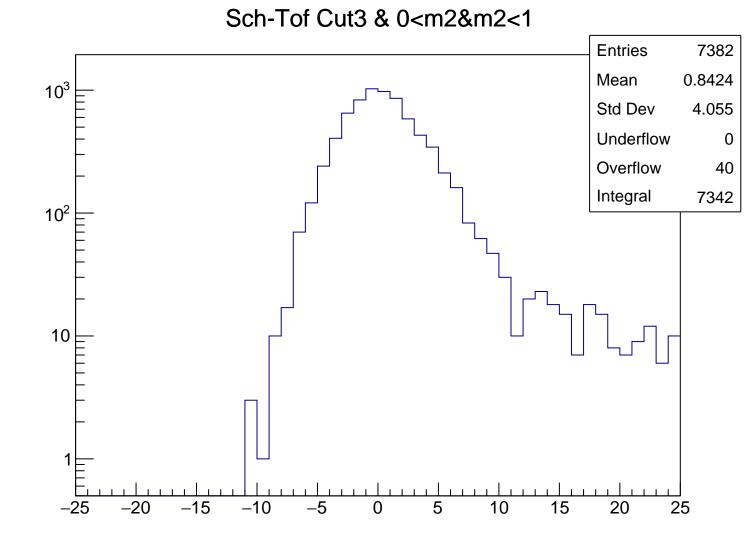


#### Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4

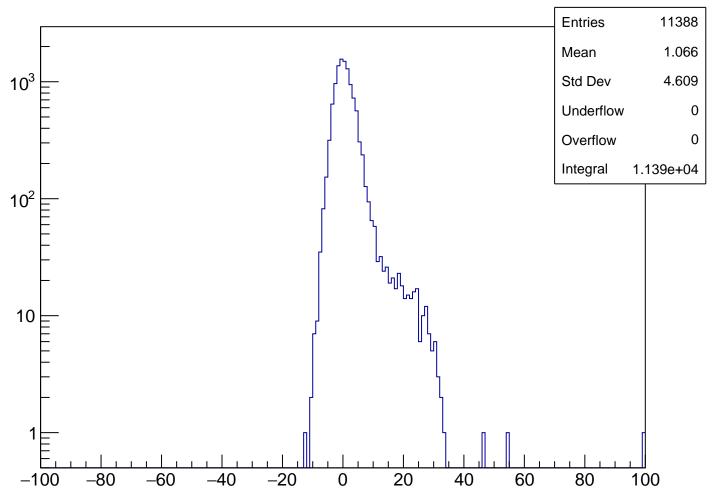


## Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1





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



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

