TrigPatAll ×10³ **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



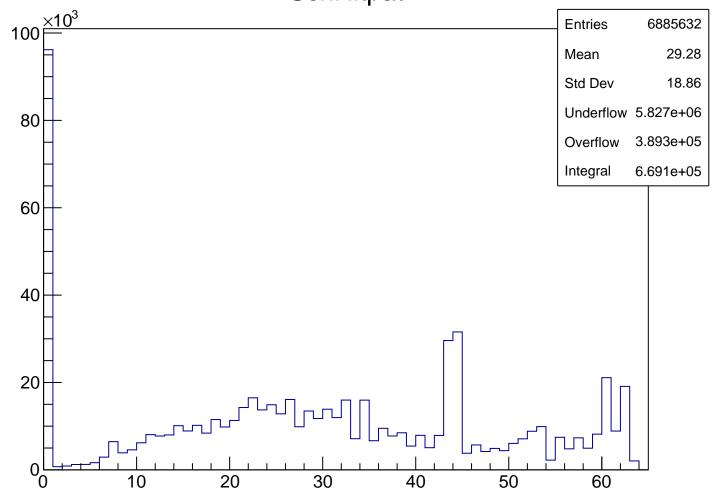




SchNhits



SchHitpat



SchNhitsCut:nhits=1 & Maxdepth =1



SchTdc

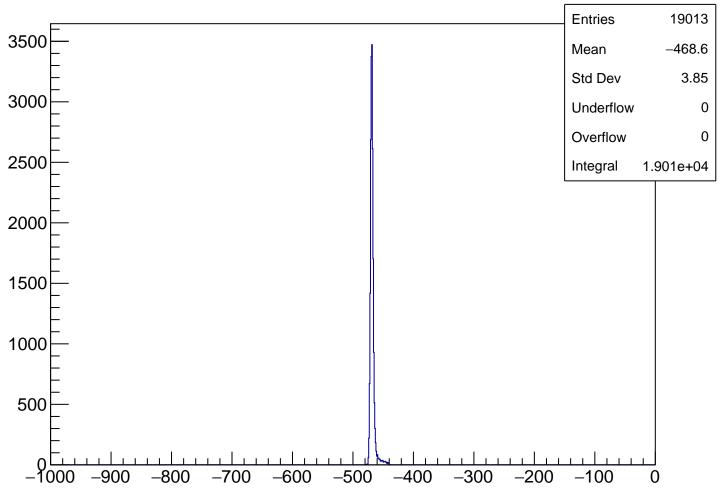


SchTdcCut:nhits=1 & Maxdepth =1



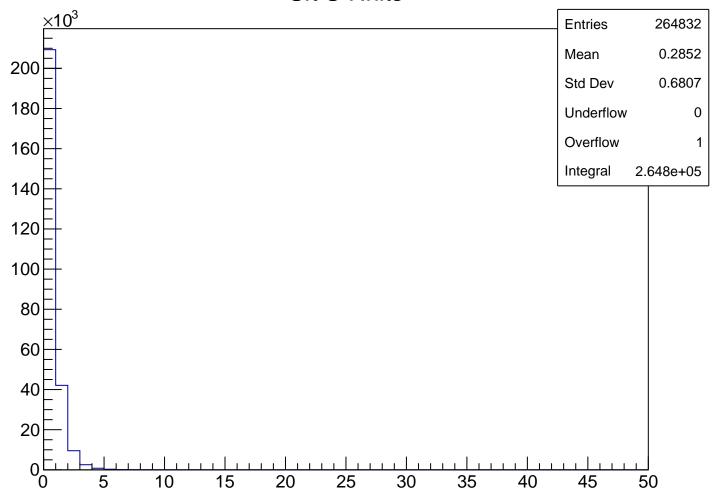
SchTdcCut2: Sch&TOF-> nhits=1 & Maxdepth =1 **Entries** Mean 468.6 Std Dev 3.85 Underflow Overflow Integral 1.901e+04 0,

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

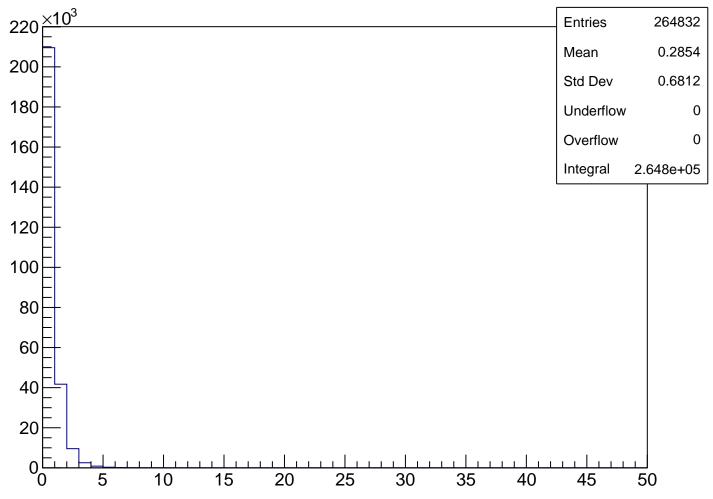


SchTimeCut2: Sch&TOF-> nhits=1 & Maxdepth =1 **Entries** 19013 3500 Mean -468.1Std Dev 3.85 3000 Underflow 0 Overflow 0 2500 Integral 1.901e+04 2000 1500 1000 500 0 -500 -480-460-440 -420-400

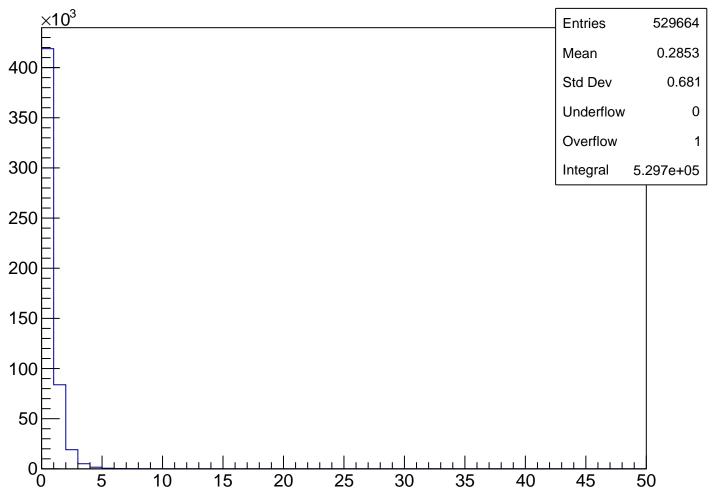
Sft U Nhits



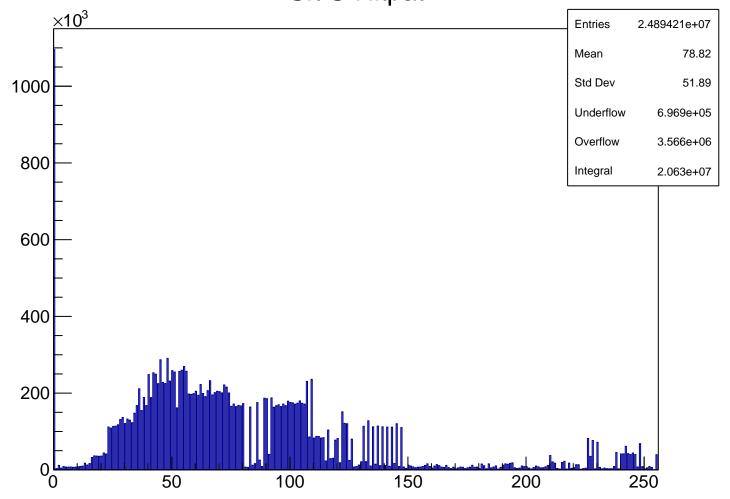
Sft D Nhits



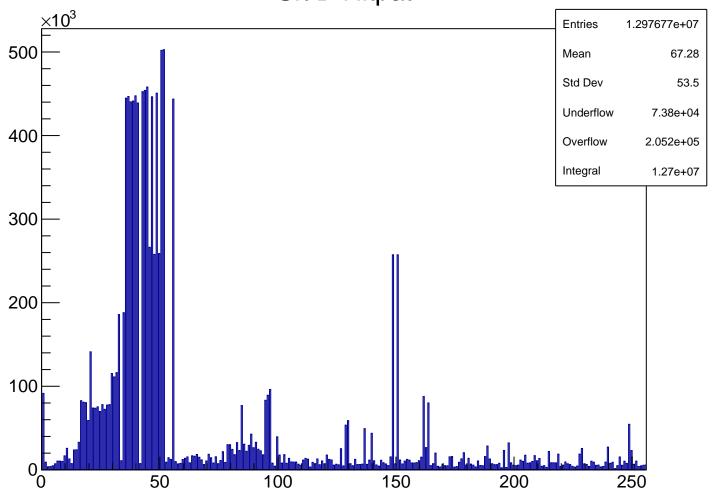
SftNhits



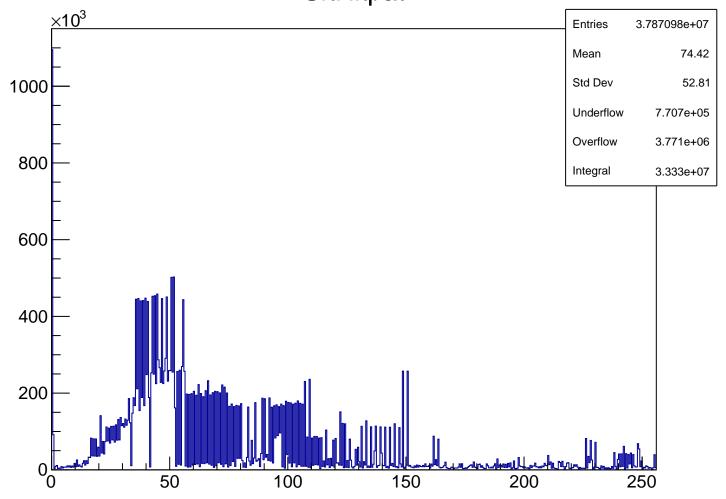
Sft U Hitpat



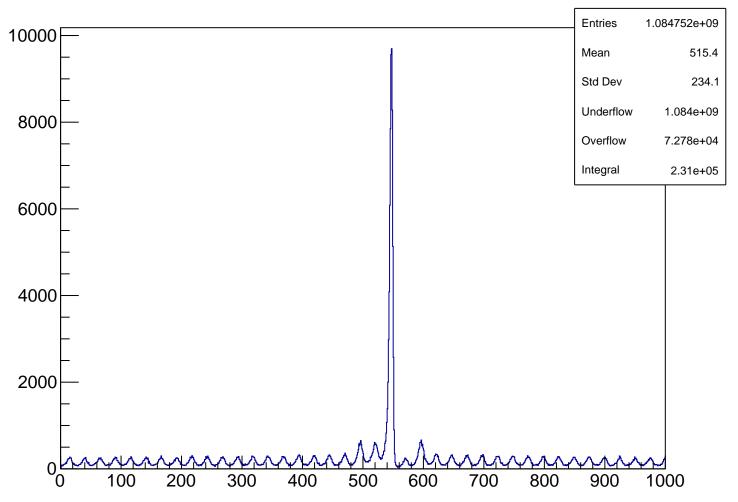
Sft D Hitpat



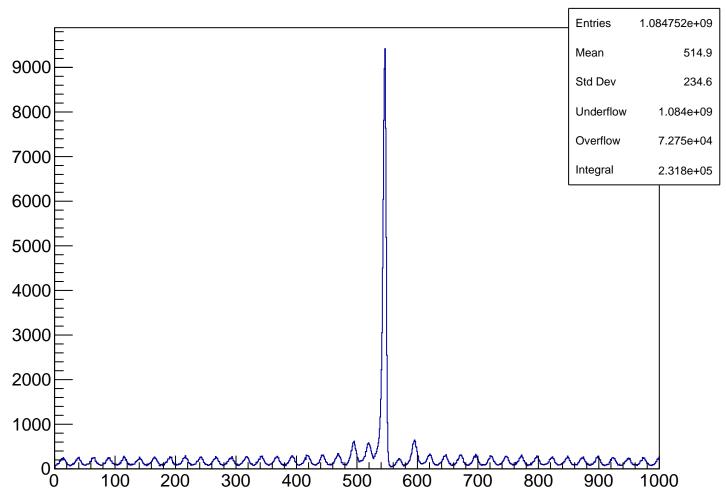
SftHitpat



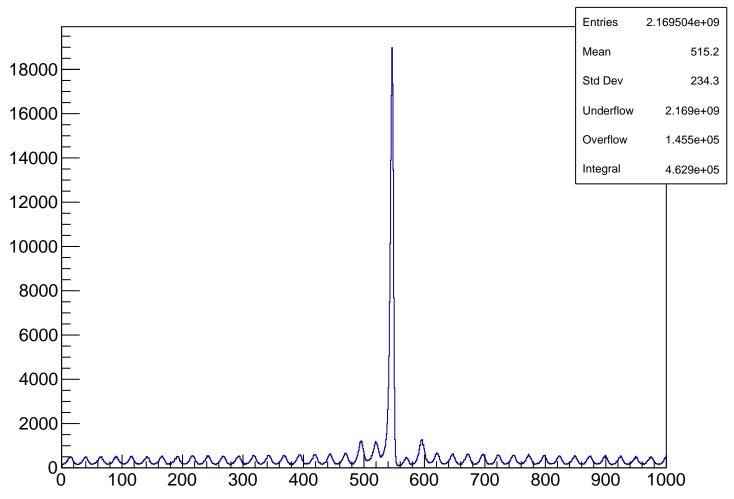
Sft U Tdc



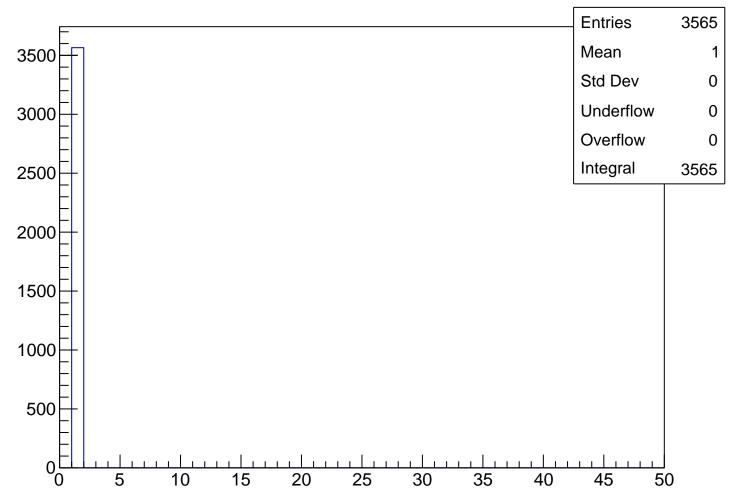
Sft D Tdc



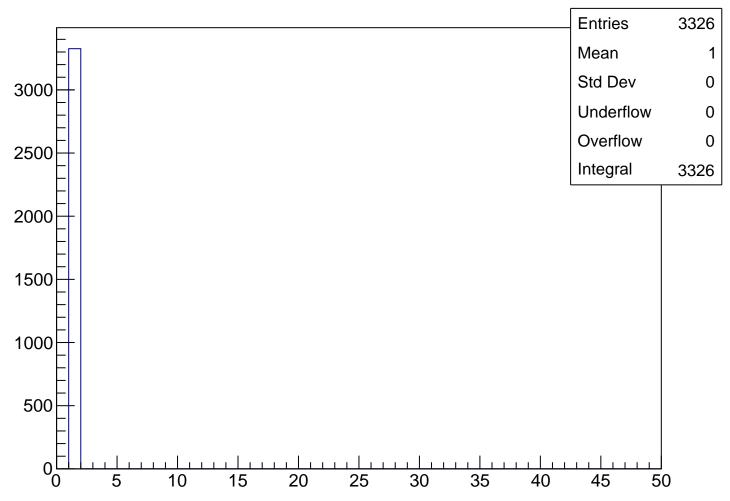
SftTdc



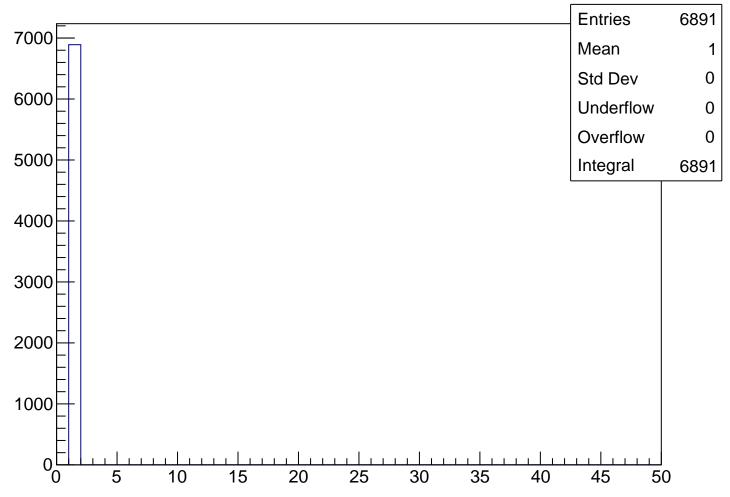
Sft U Nhits Cut



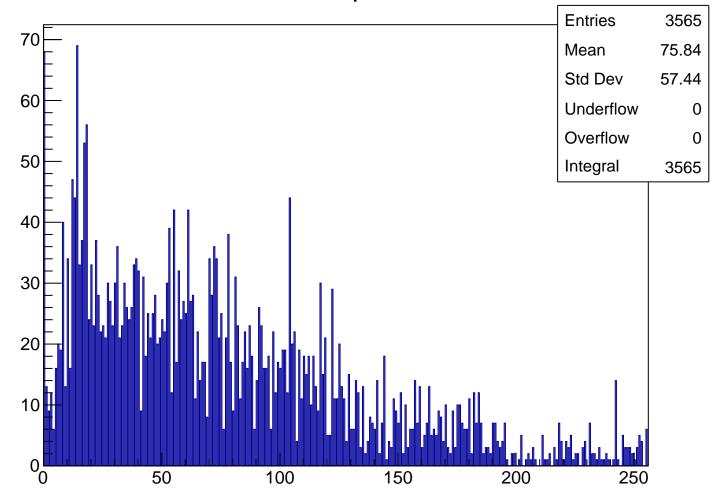
Sft D Nhits



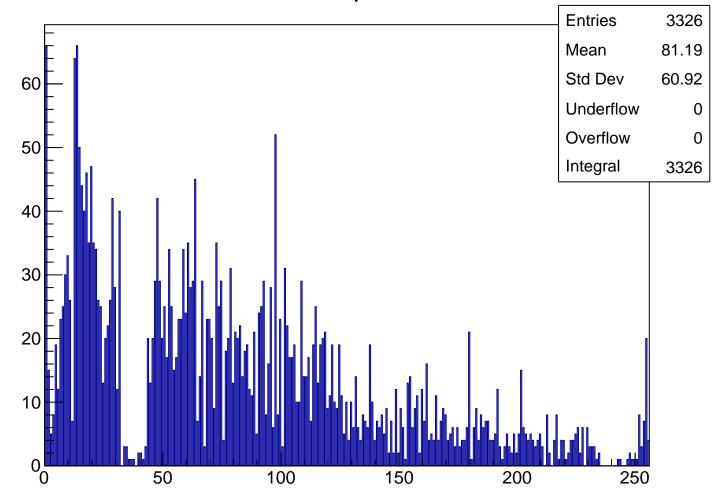
SftNhits Cut



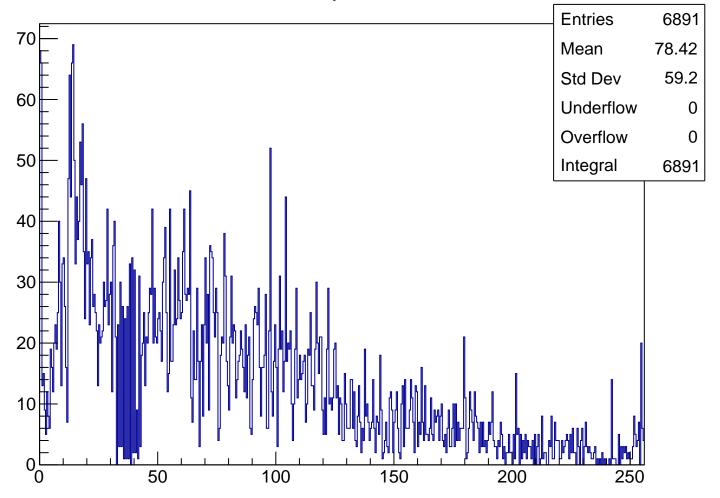
Sft U Hitpat Cut



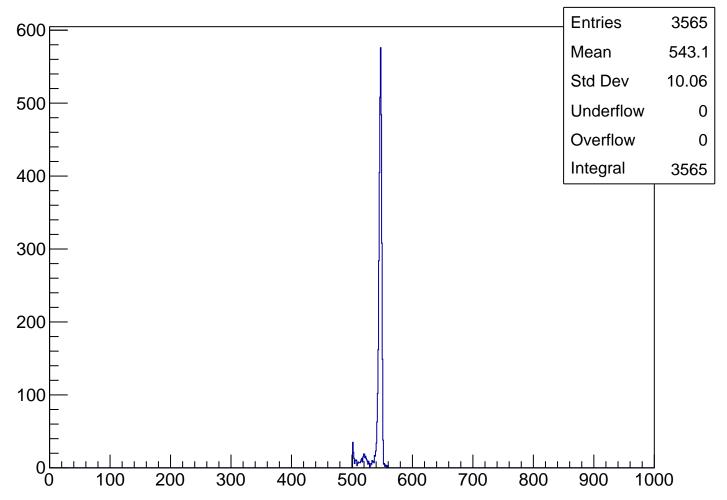
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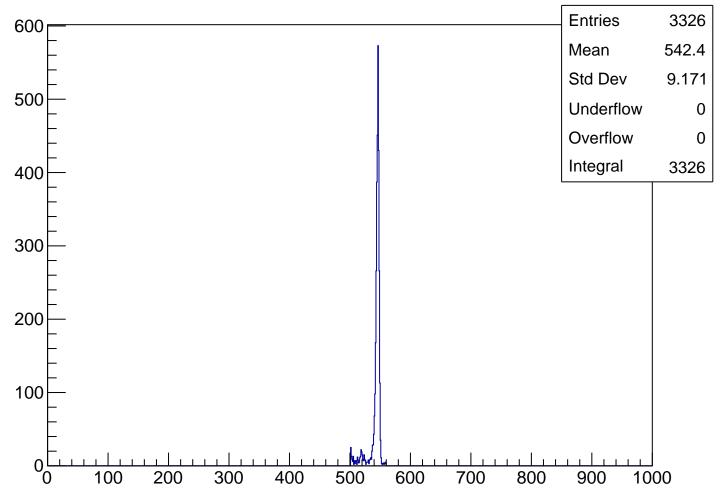
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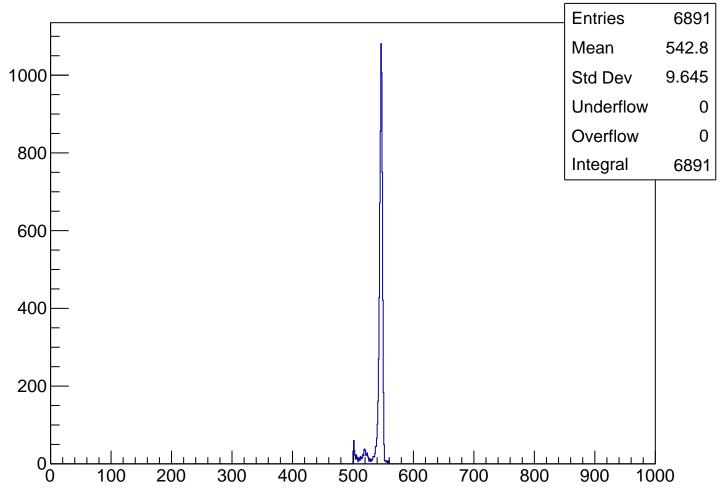
Sft U Tdc Cut



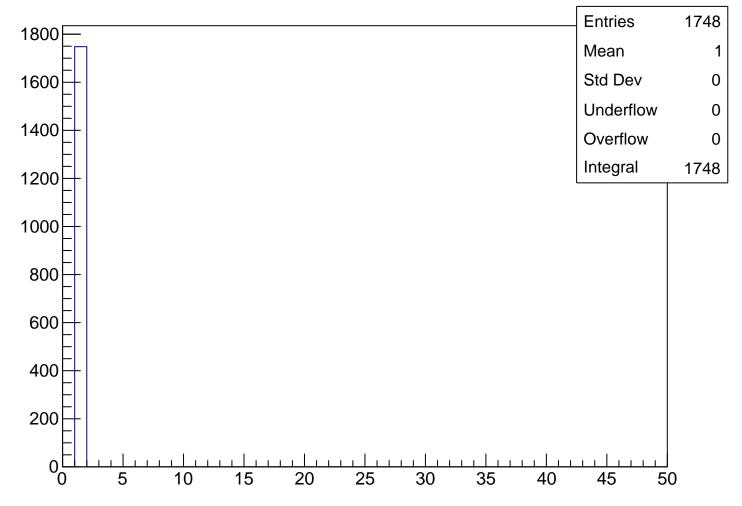
Sft D Tdc



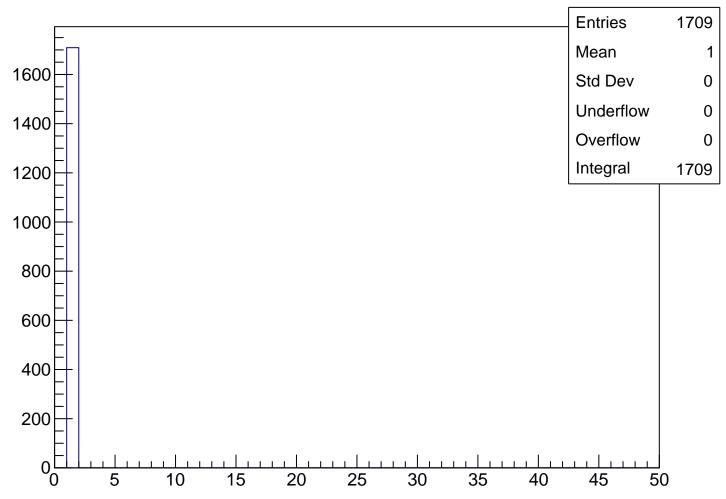
SftTdc Cut



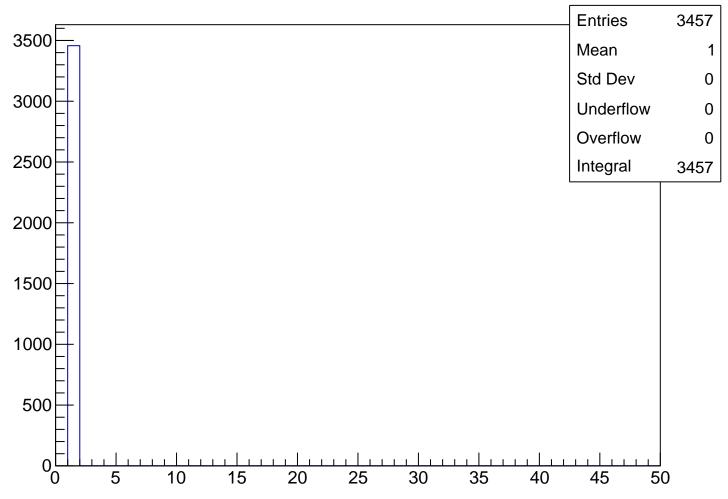
Sft U Nhits Cut2



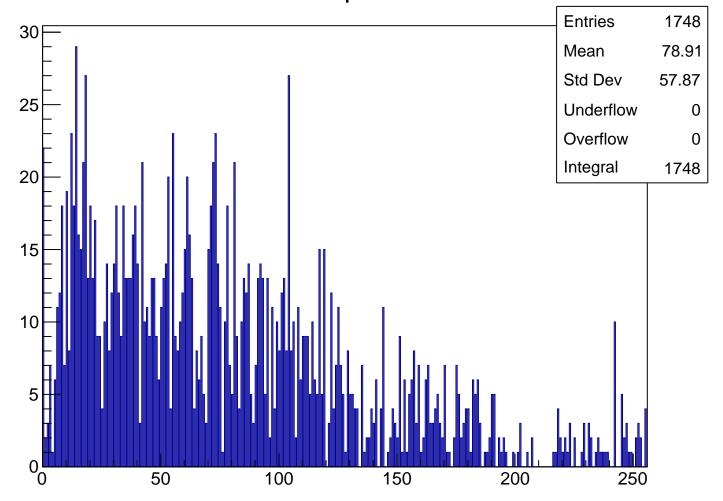
Sft D Nhits



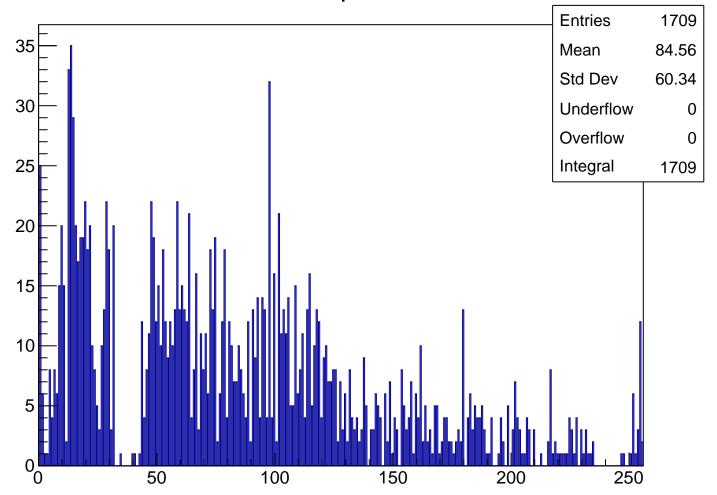
SftNhits Cut2



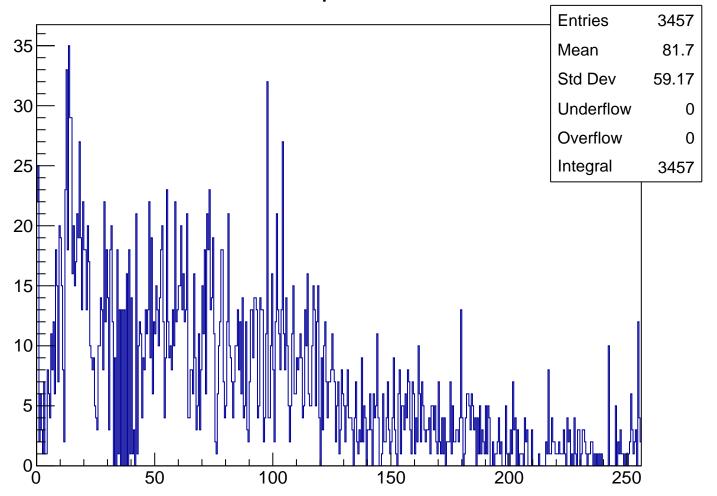
Sft U Hitpat Cut2



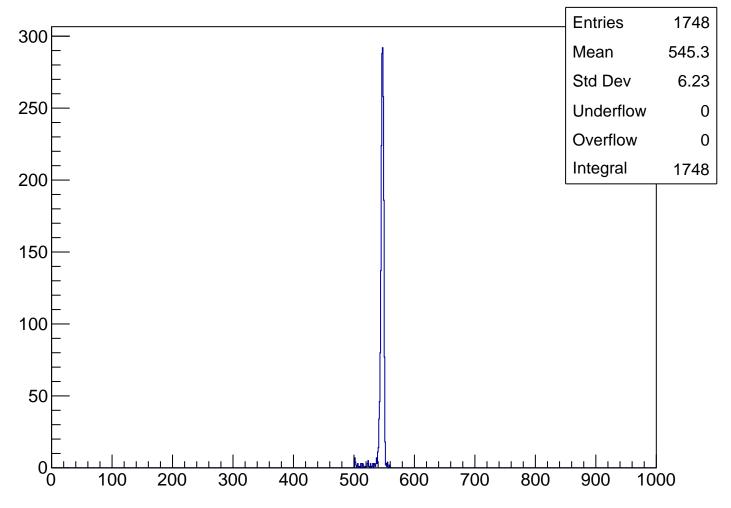
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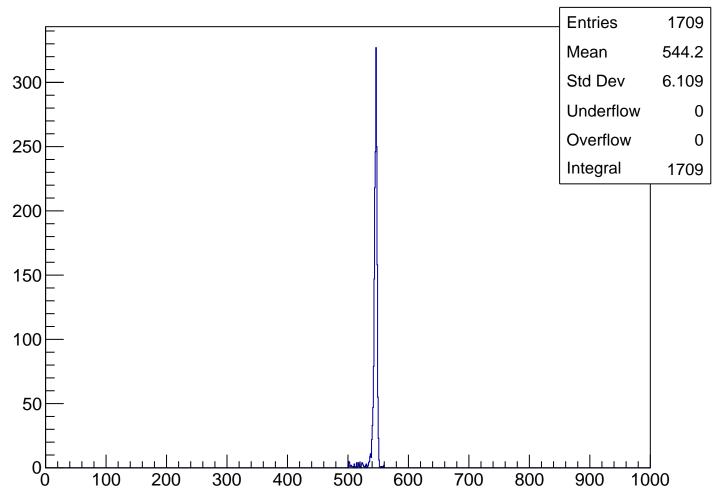
SftHitpat Cut2



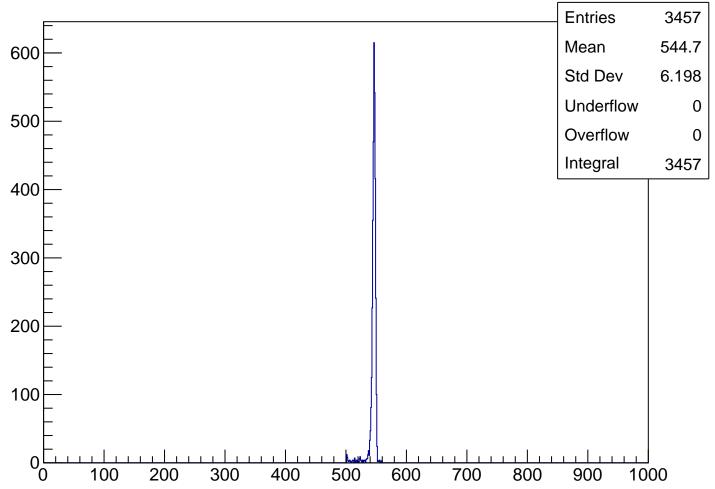
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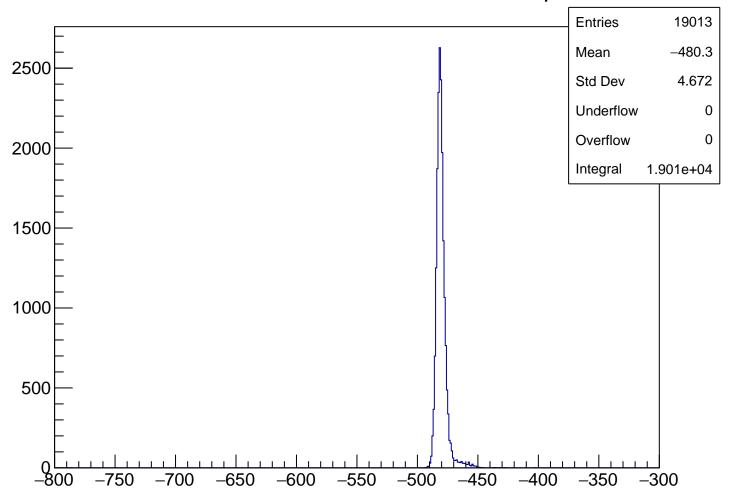
Sft D Tdc Cut2



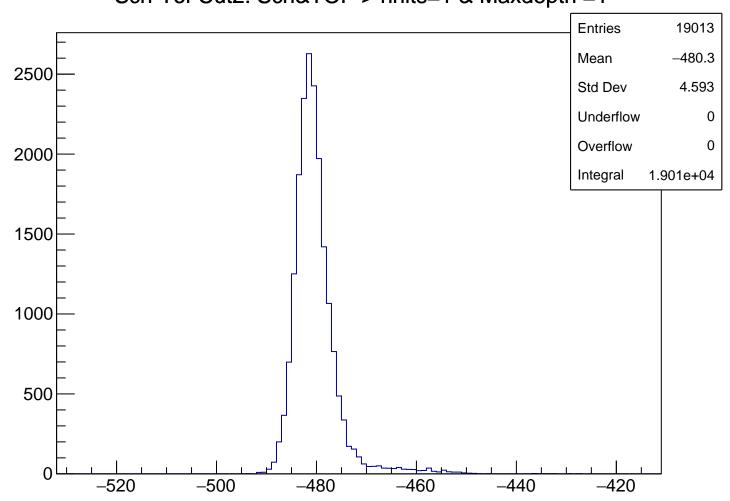
SftTdc Cut2



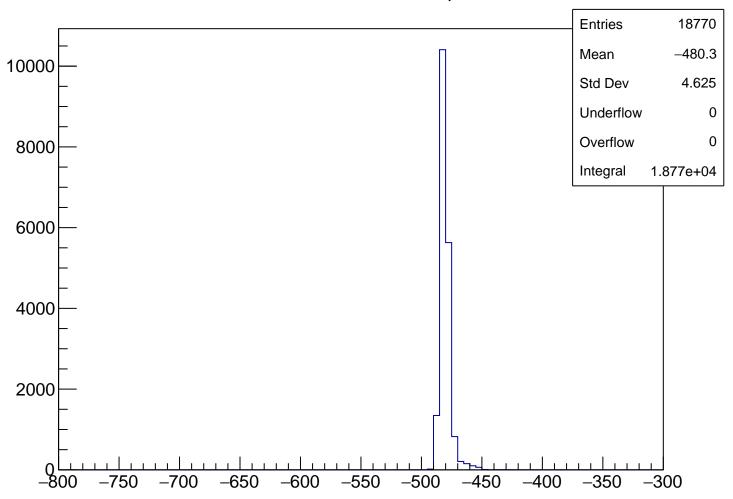
Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1



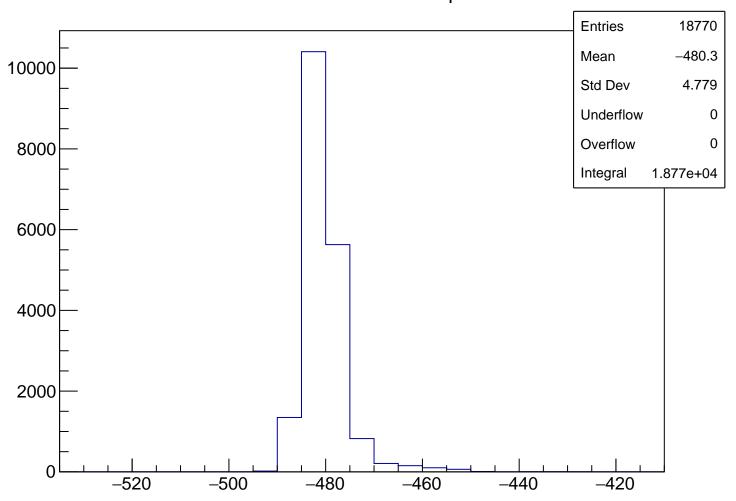
Sch-Tof Cut2: Sch&TOF-> nhits=1 & Maxdepth =1



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



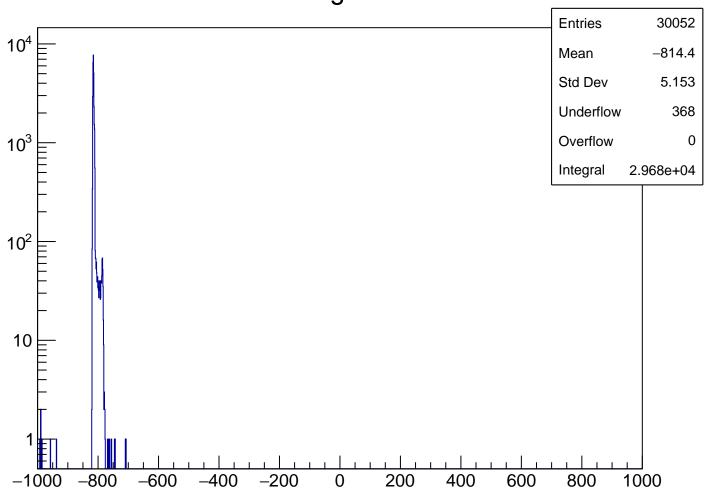
Sch-Tof Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1

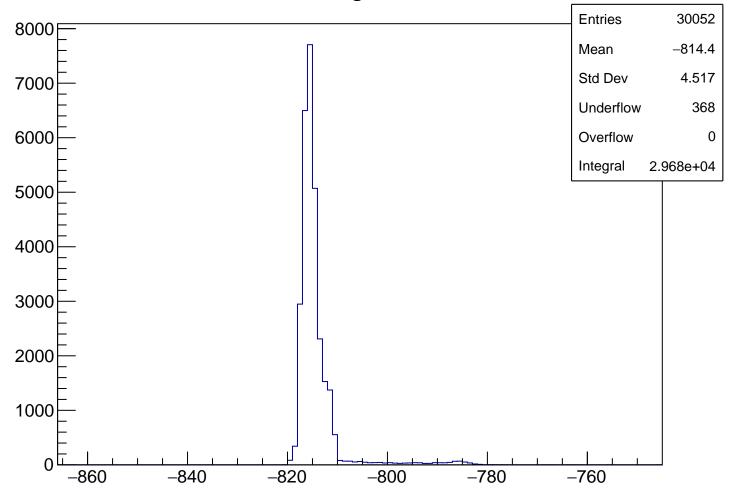


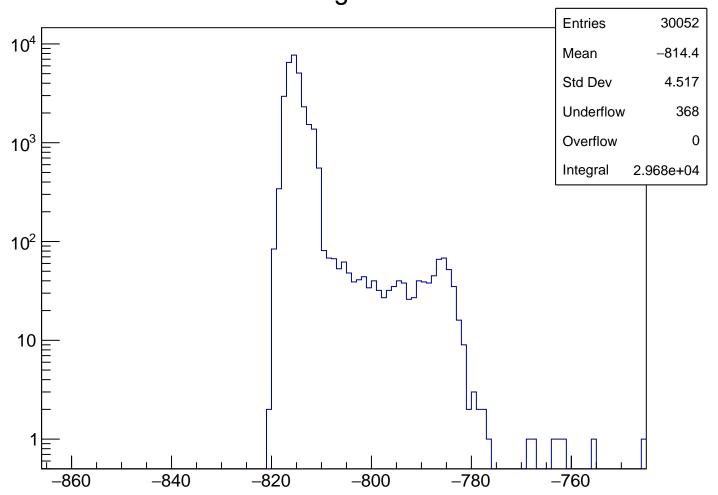
Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1 **Entries** 3457 800 Mean -454.3Std Dev 4.763 700 Underflow 94 Overflow 912 600 Integral 2451 500 400 300 200 100 -900 -800-700-600-500-300-200-400-100

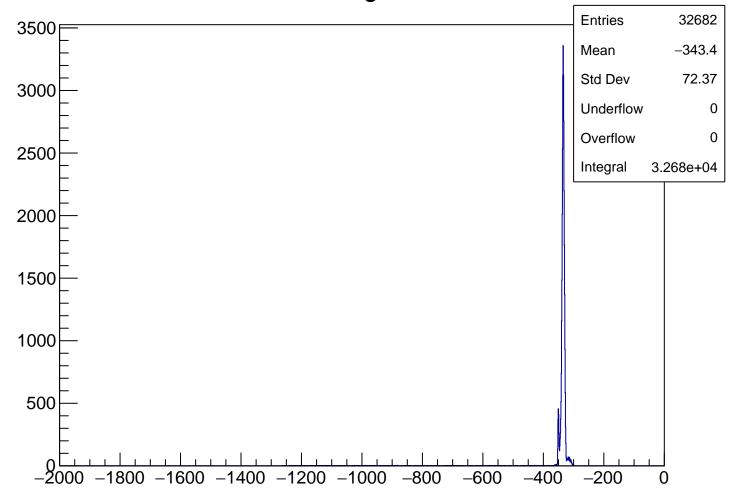
Sft-Tof Cut2: Sft&TOF-> nhits=1 & Maxdepth =1 **Entries** 3457 800 Mean -454.2Std Dev 4.252 700 Underflow 94 Overflow 912 600 Integral 2450 500 400 300 200 100 0 -500-480 -460-440-420-400

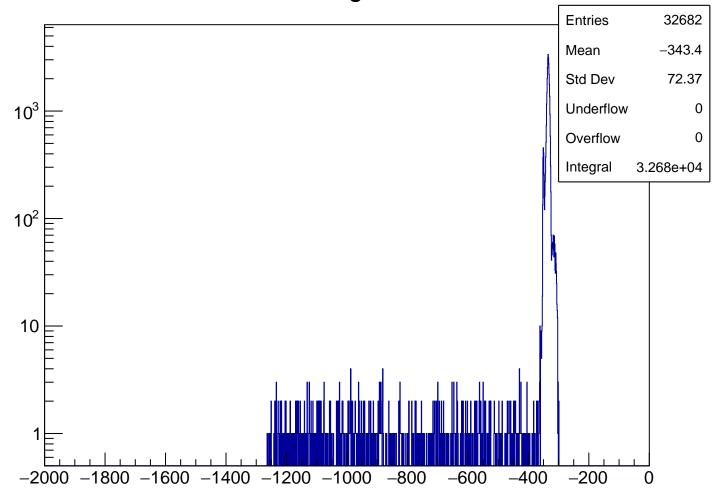


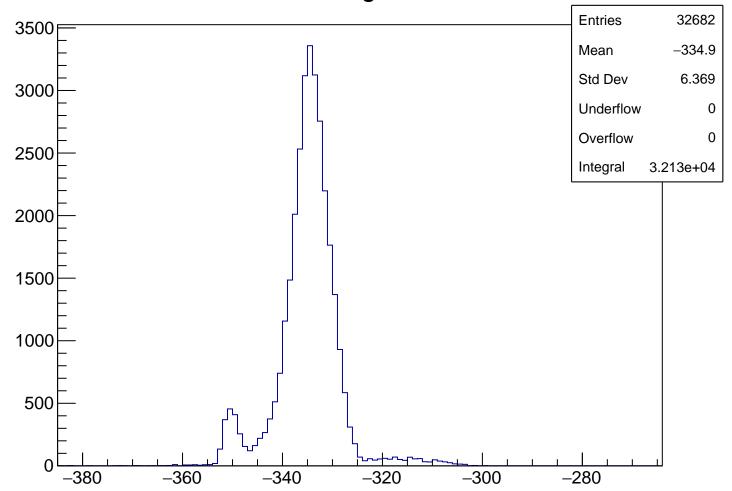


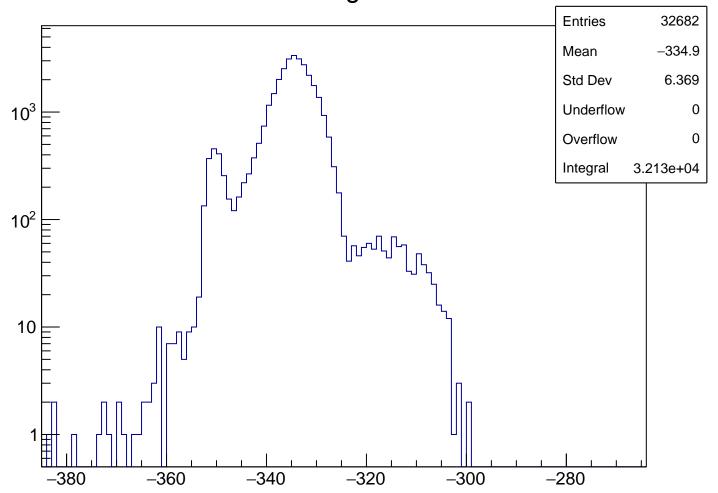




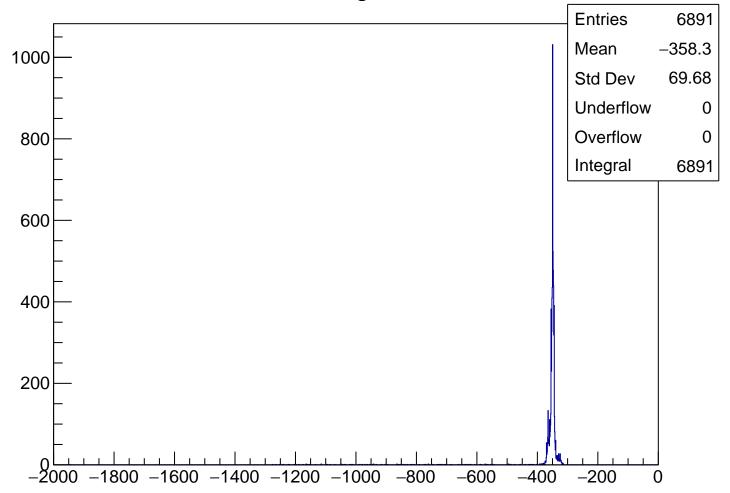




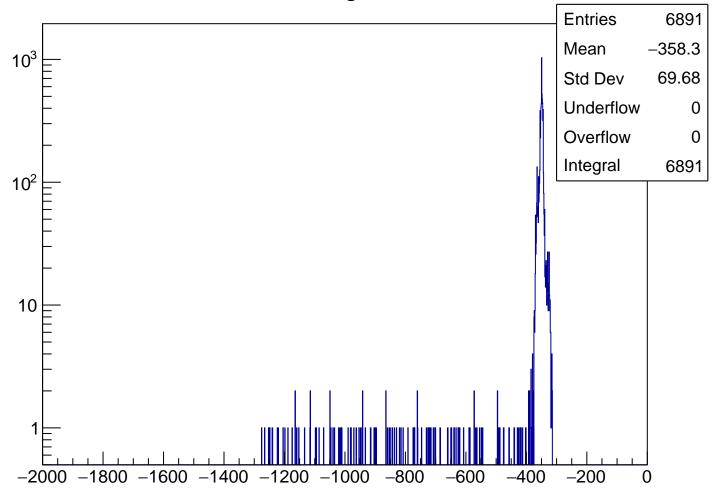




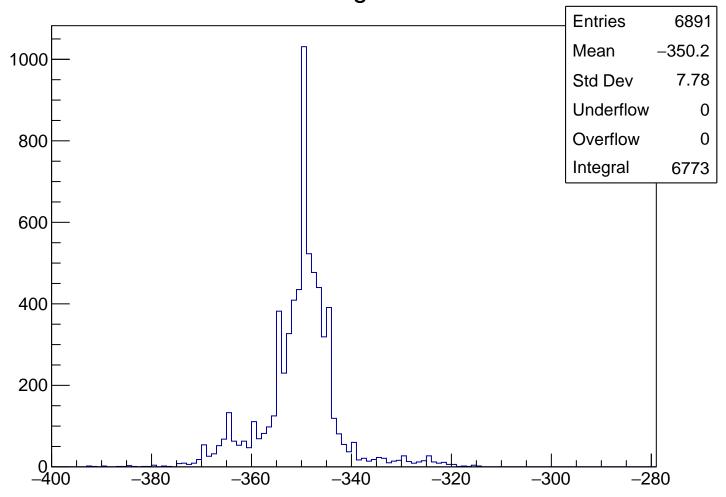
Matrix Flag - SftXOr

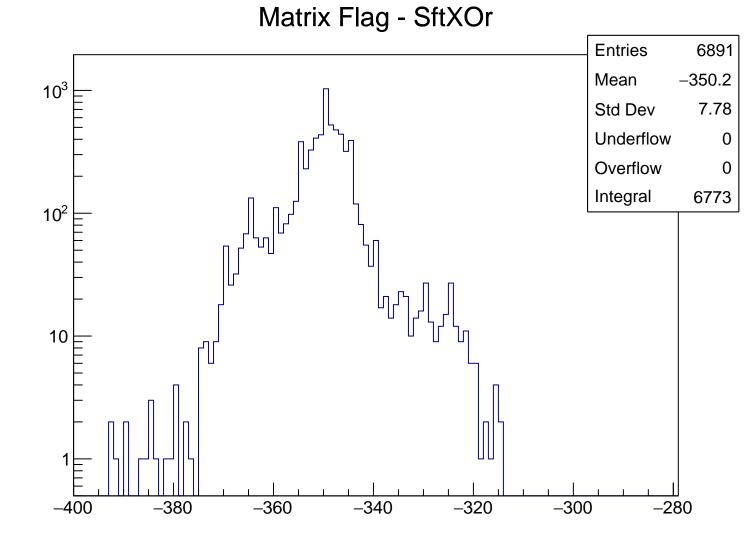


Matrix Flag - SftXOr

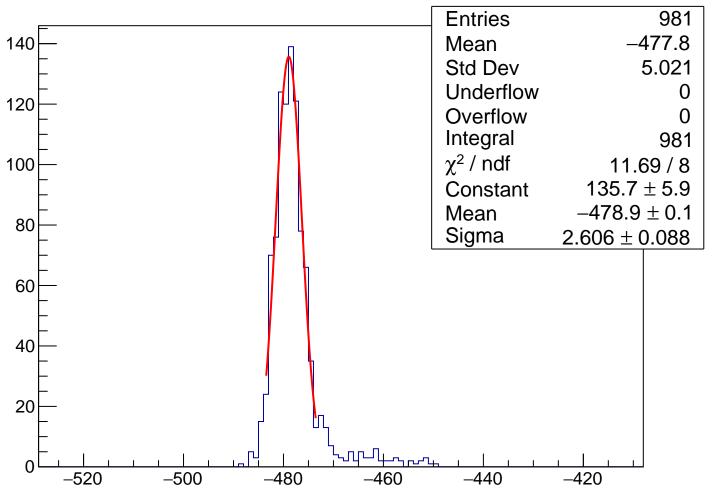


Matrix Flag - SftXOr

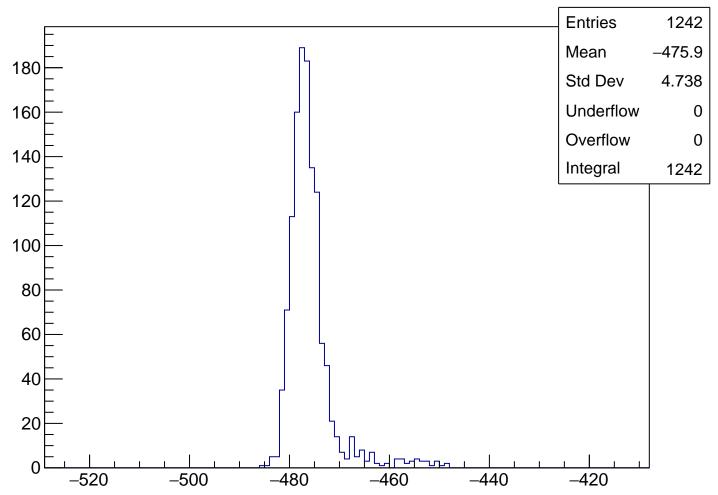




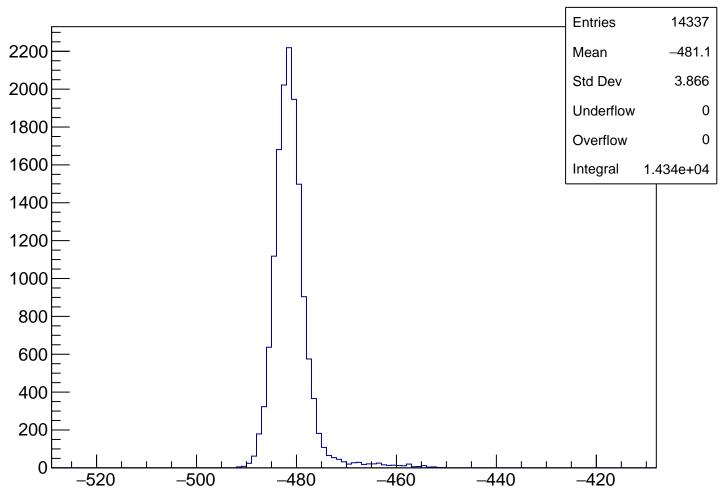
Sch-Tof KCut: Cut3 & 0.1<m2&m2<0.4



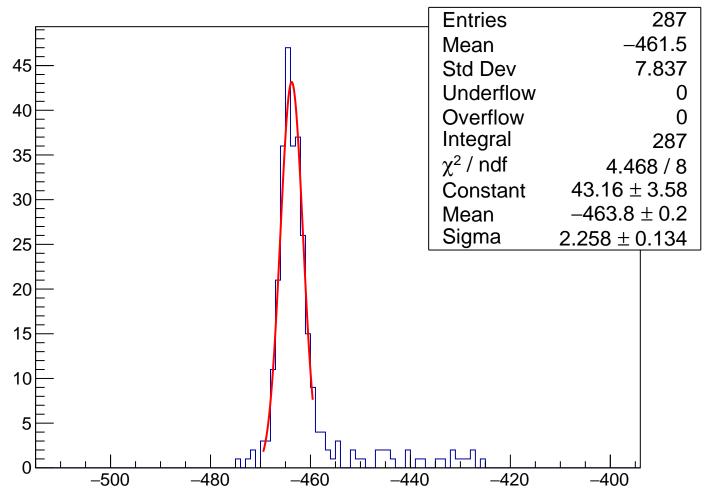
Sch-Tof PiCut: Cut3 & 0<m2&m2<0.1



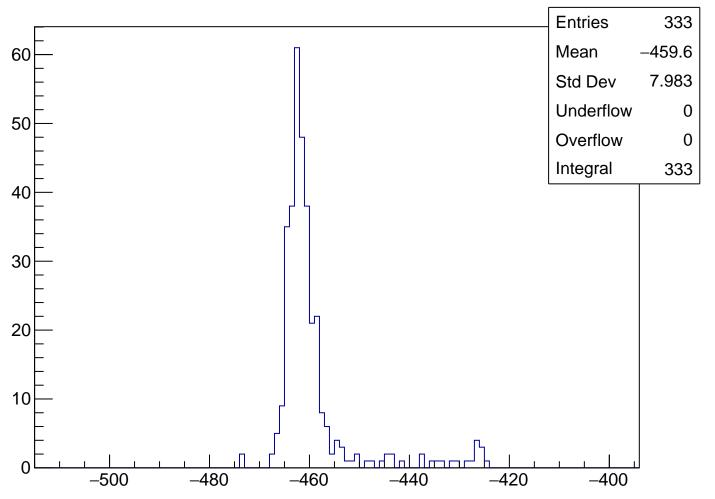
Sch-Tof PCut: Cut3 & 0.6<m2&m2<1



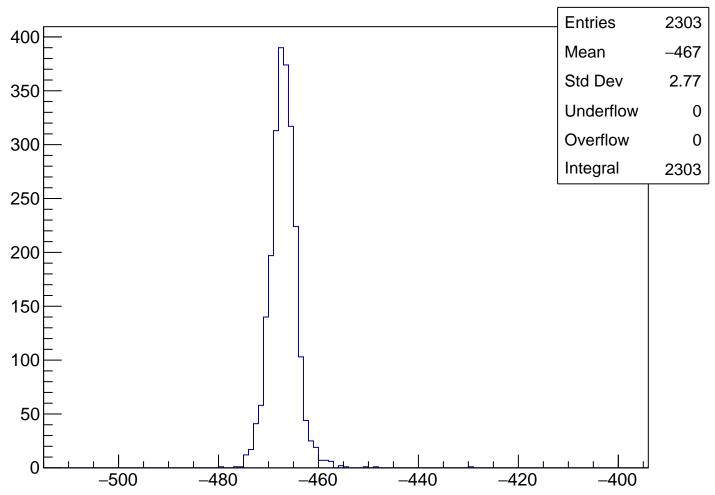
SftX-Tof KCut: Cut3 & 0.1<m2&m2<0.4



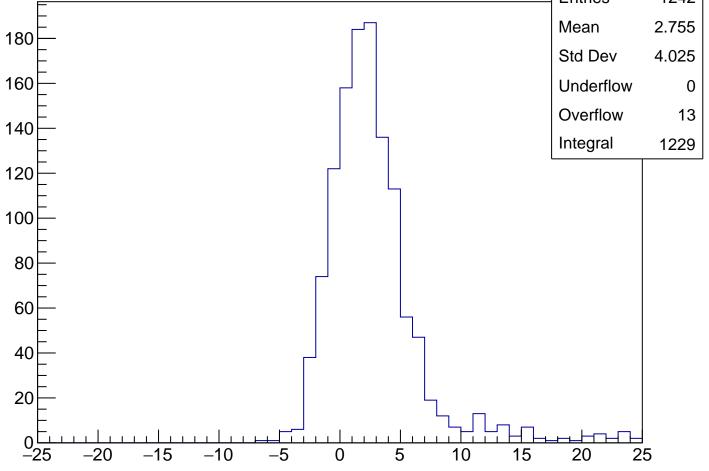
SftX-Tof PiCut: Cut3 & 0<m2&m2<0.1



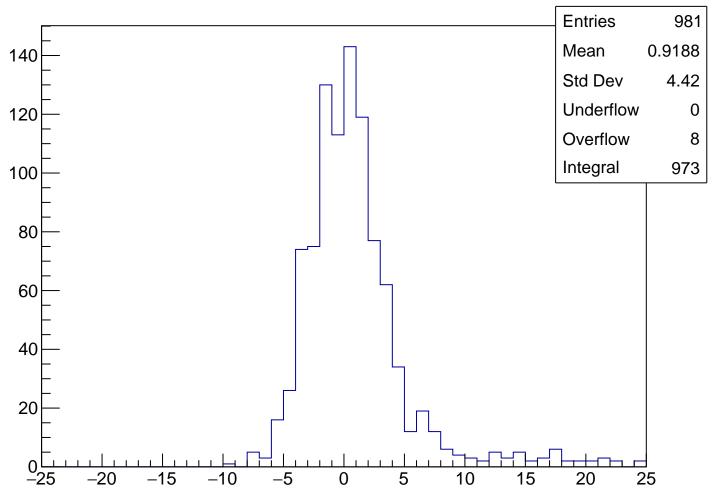
SftX-Tof PCut: Cut3 & 0.6<m2&m2<1



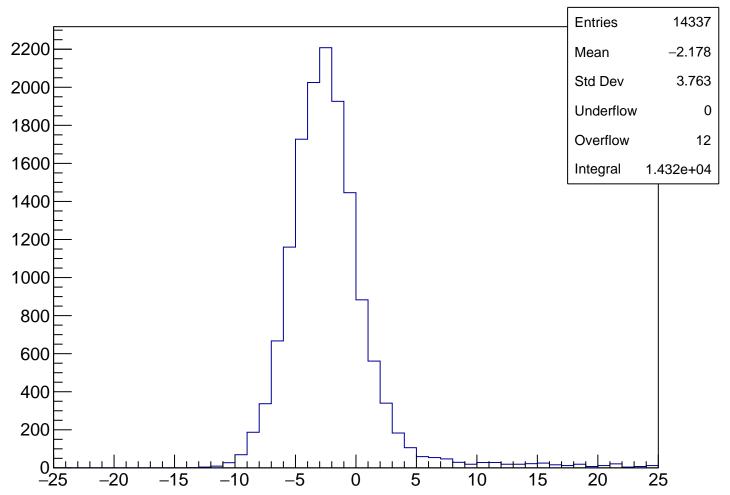
Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1 **Entries** 1242 Mean 2.755 Std Dev 4.025 Underflow 0 Overflow 13 Integral 1229



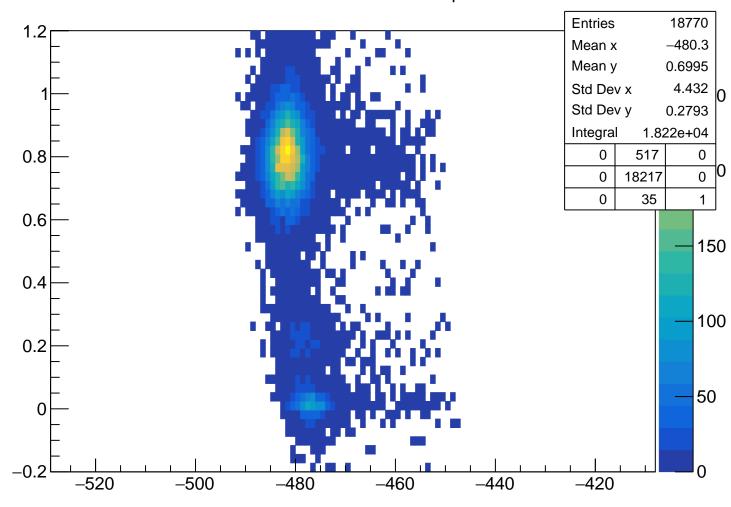
Sch-Tof KTime0 KCut: Cut3 & 0.1<m2&m2<0.4



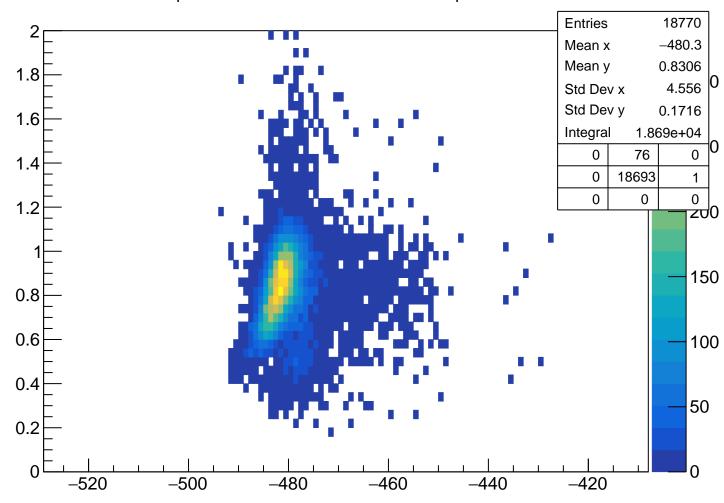
Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1



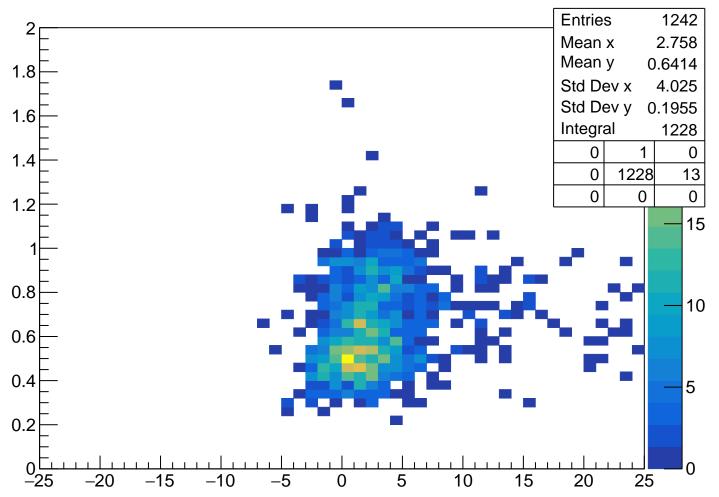
Sch-Tof vs m2 Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1



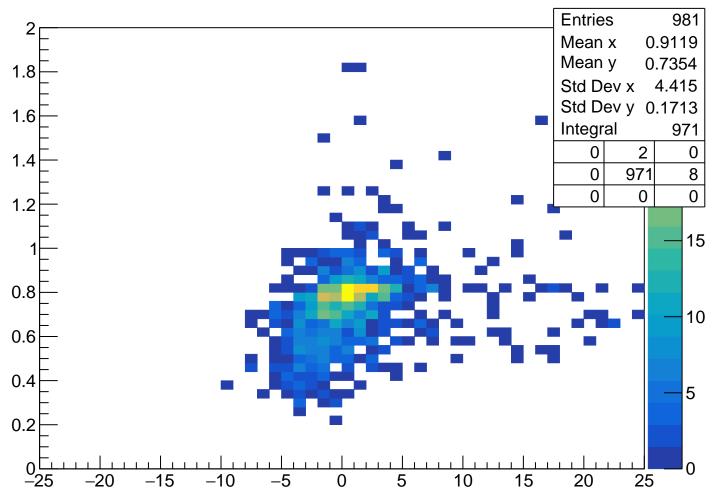
Sch-Tof vs pKurama Cut3: Sch&TOF-> nhits=1 & Maxdepth =1 & ntKurama=1



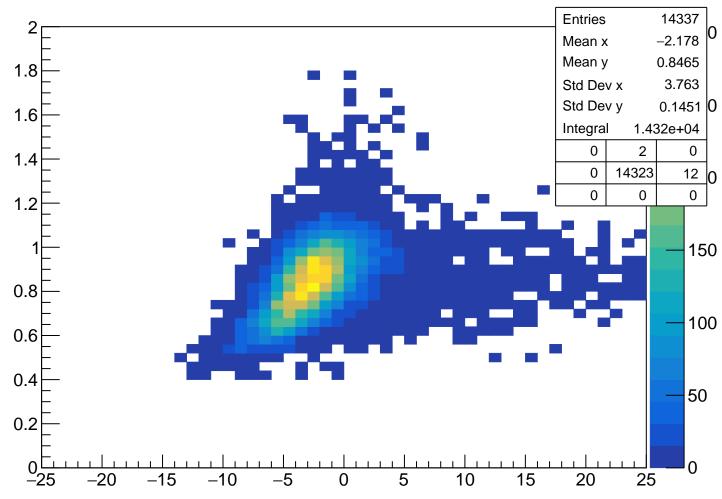
Sch-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1



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** 17021 -1.619Mean Std Dev 4.102 10³ Underflow 0 Overflow 35 Integral 1.699e+04 10^2 10 -25 -20 -15 15 25 -10 10 20

Sch-Tof Cut3 & 1<m2&m2<0 **Entries** 1749 Mean 0.4333 Std Dev 6.788 Underflow 10^{2} 0 Overflow 0 Integral 1749 10

20

40

60

80

100

-100

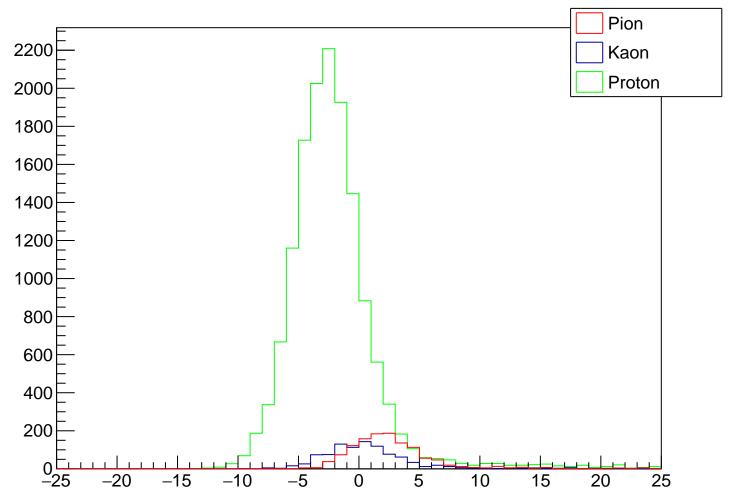
-80

-60

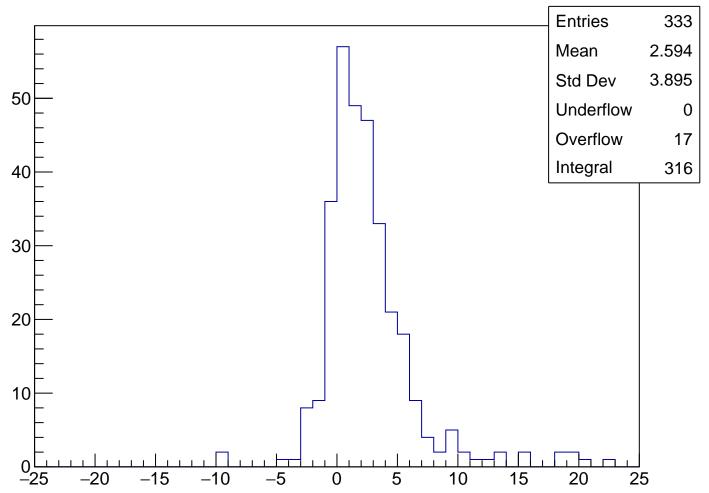
-20

-40

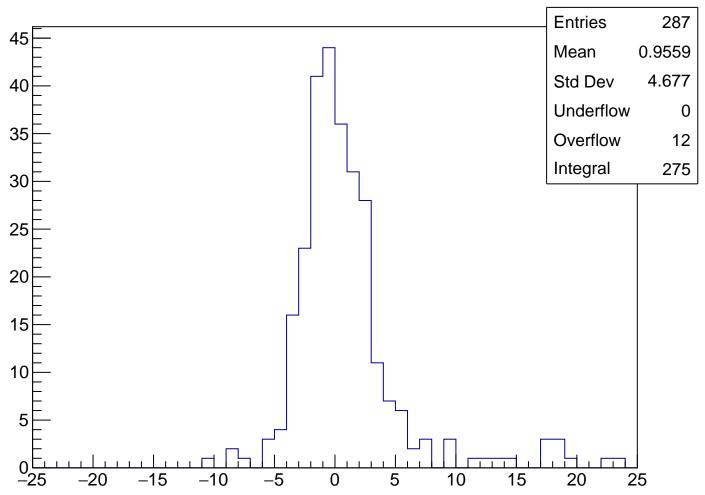
Sch-Tof KTime0 PCut: Cut3 & 0.6<m2&m2<1



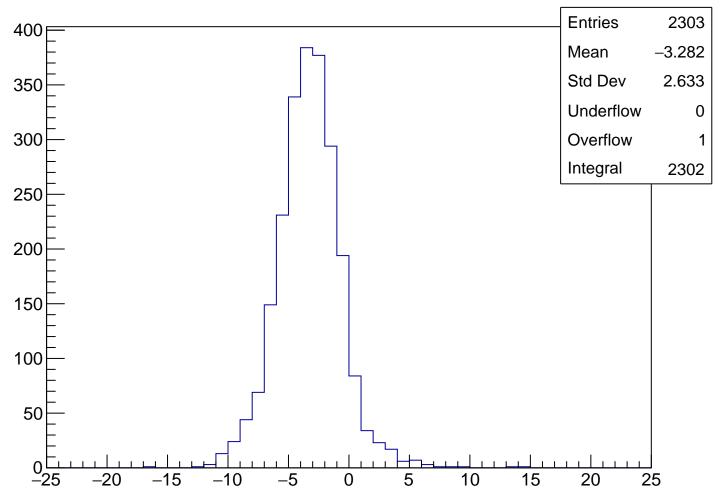
SftX-Tof KTime0 PiCut: Cut3 & 0<m2&m2<0.1



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

