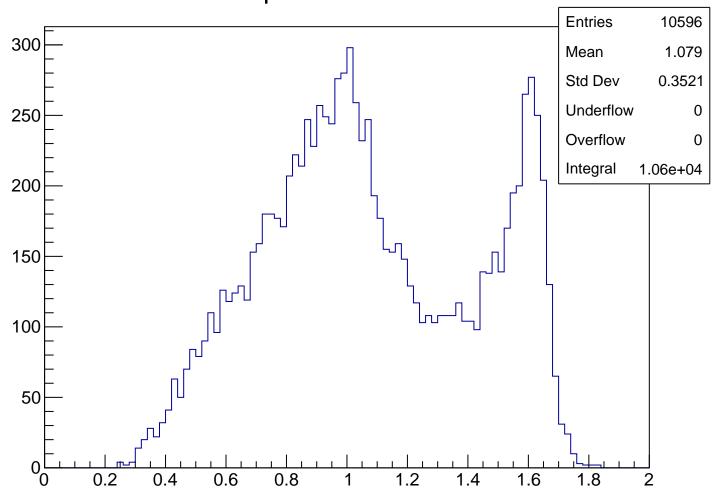
ThetaKurama



pKurama



pKurama Cut1







m2 Cut1 **Entries** 10596 0.5625 800 Mean Std Dev 0.4084 700 Underflow 462 Overflow 220 600 Integral 9914 500 400 300 200 100 0 -0.4 0.2 0.4 0.6 8.0 0

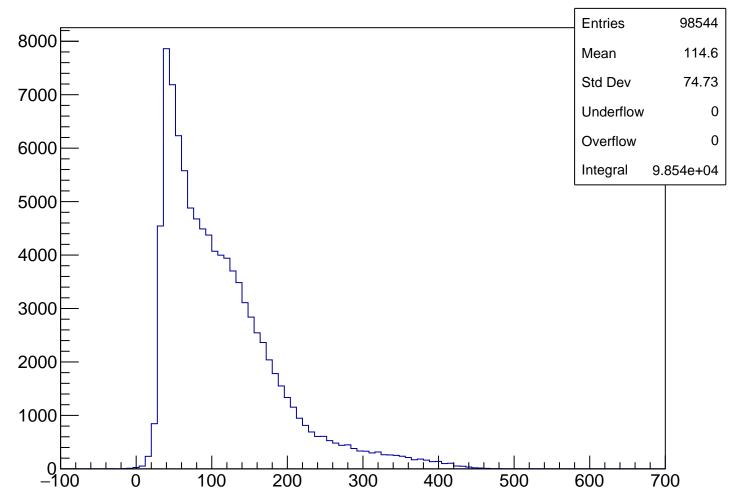
chisqrKurama



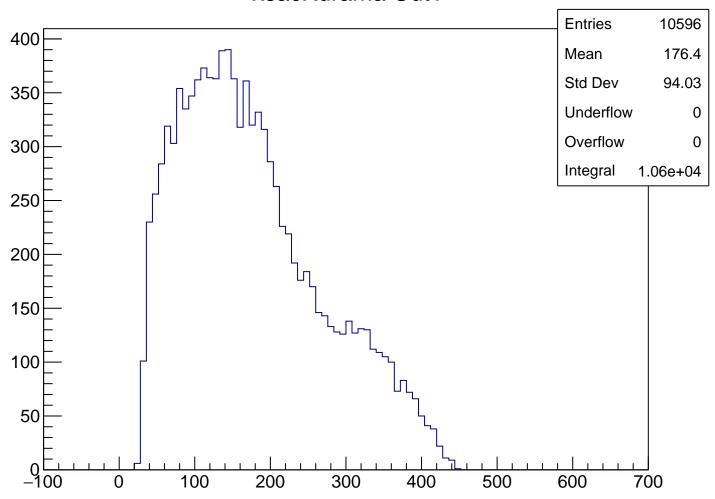
qKurama



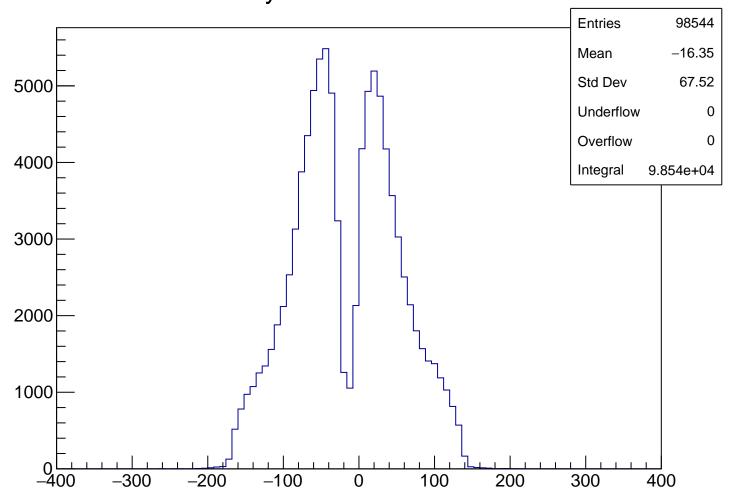
xsacKurama



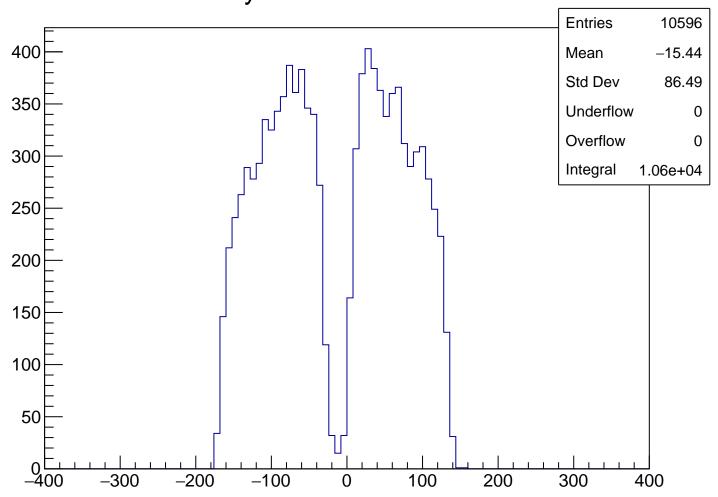
xsacKurama Cut1



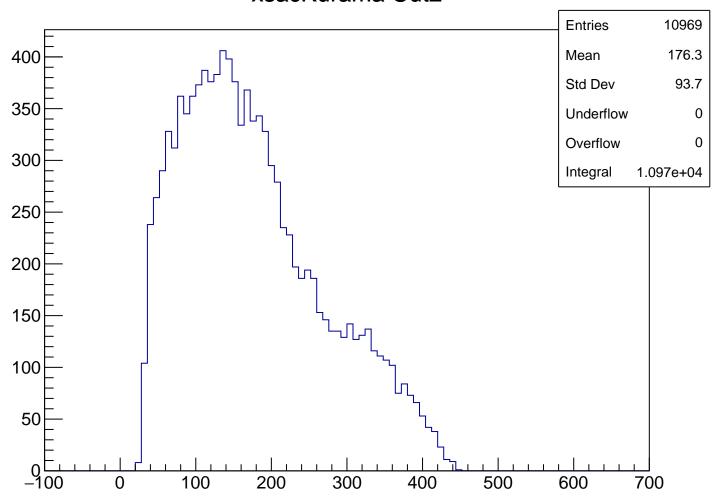
ysacKurama



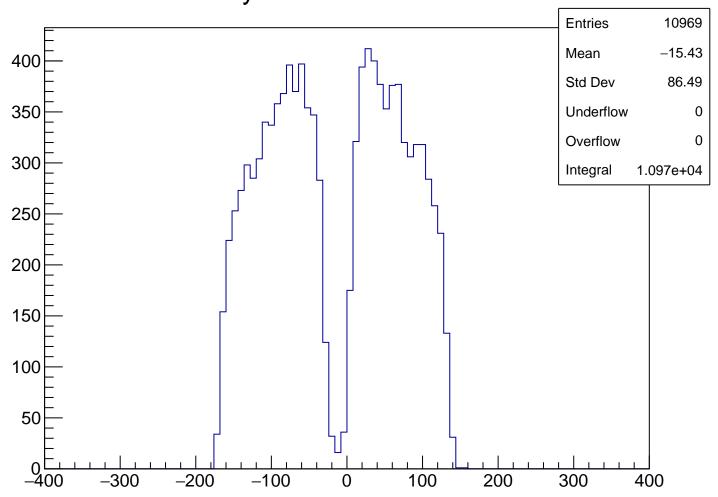
ysacKurama Cut1



xsacKurama Cut2



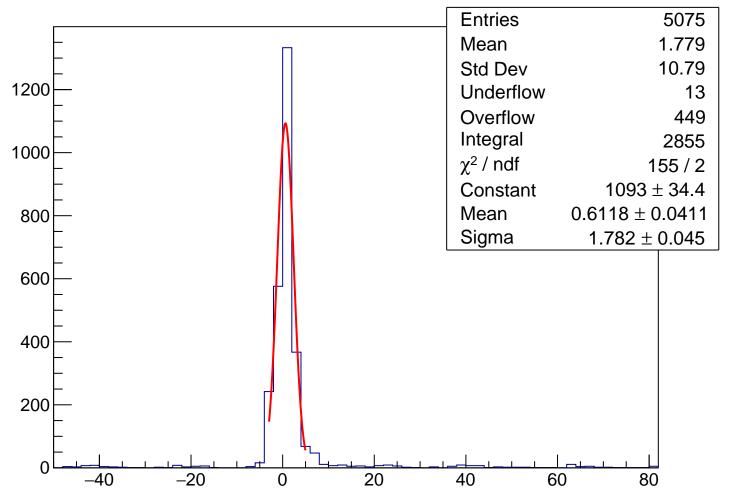
ysacKurama Cut2



tSac Or



tSac Or Cut2



Trigger Flag BeamTofPs



Trigger Flag BeamTofPs Cut2 **Entries** 10596 Mean 957.3 Std Dev 1.274 Underflow Overflow Integral 1.06e+04 χ^2 / ndf 483.4 / 6 3481 ± 38.6 Constant Mean 957.4 ± 0.0 Sigma 1.159 ± 0.006

980

1000

1020

10³

 10^{2}

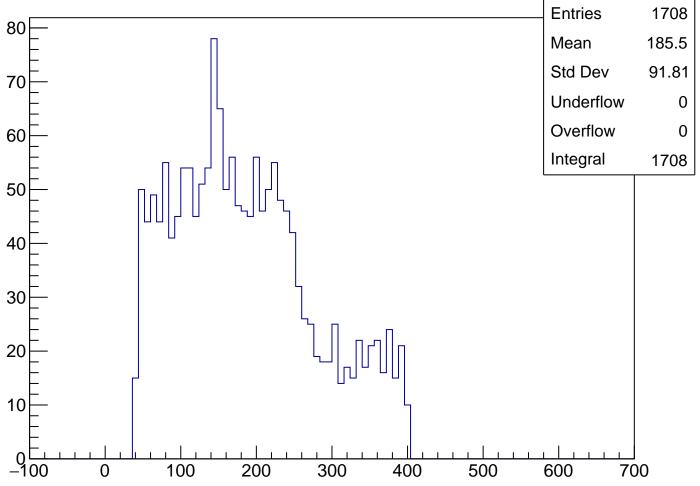
10

920

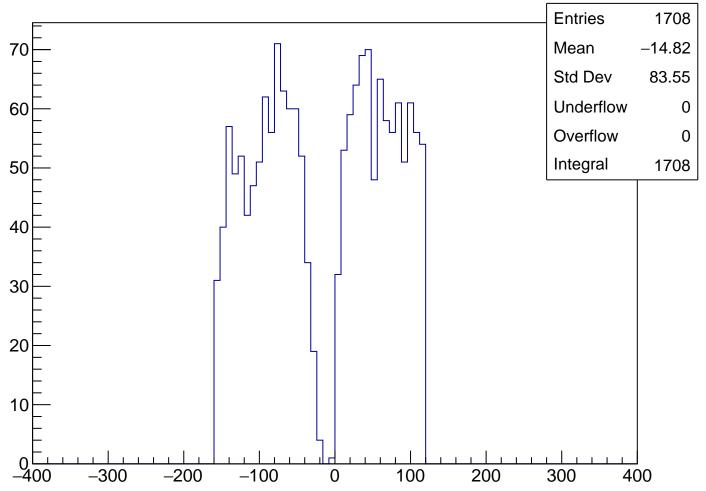
940

960

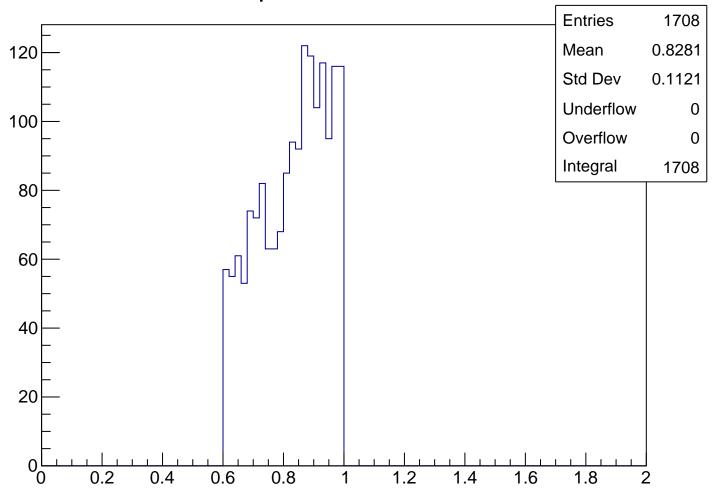
xsacKurama Cut3



ysacKurama Cut3

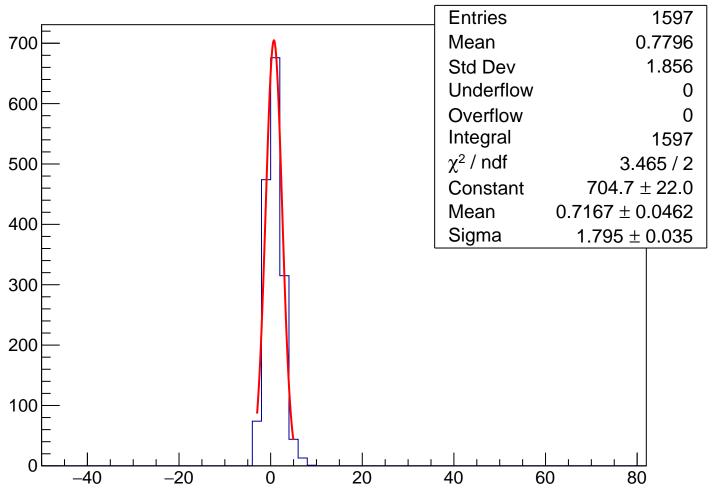


pKurama Cut3



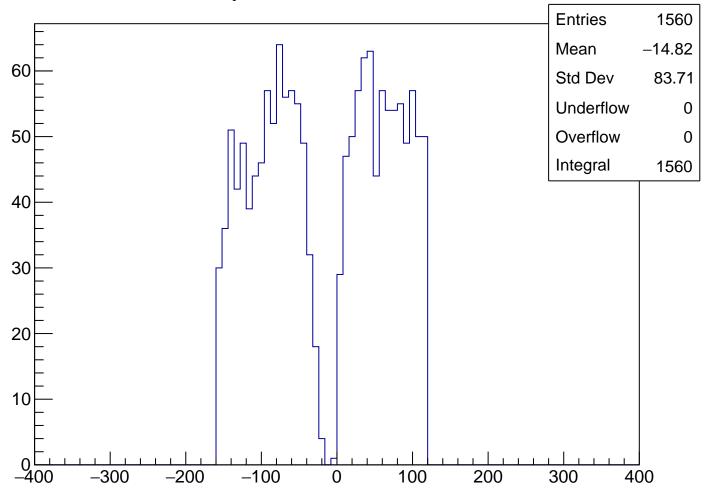
m2 Cut3 **Entries** 1708 350 Mean 0.02148 0.03671 Std Dev Underflow 300 0 Overflow 0 250 Integral 1708 200 150 100 50 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

tSac Or Cut4

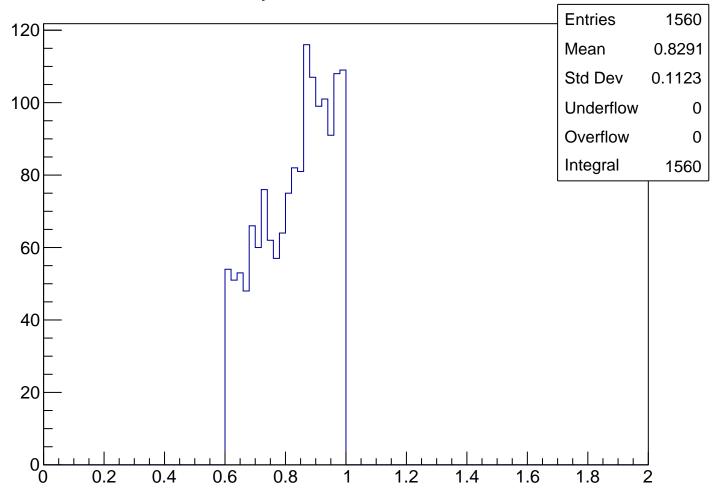


xsacKurama Cut4 **Entries** Mean 187.7 Std Dev 91.25 Underflow Overflow Integral -100

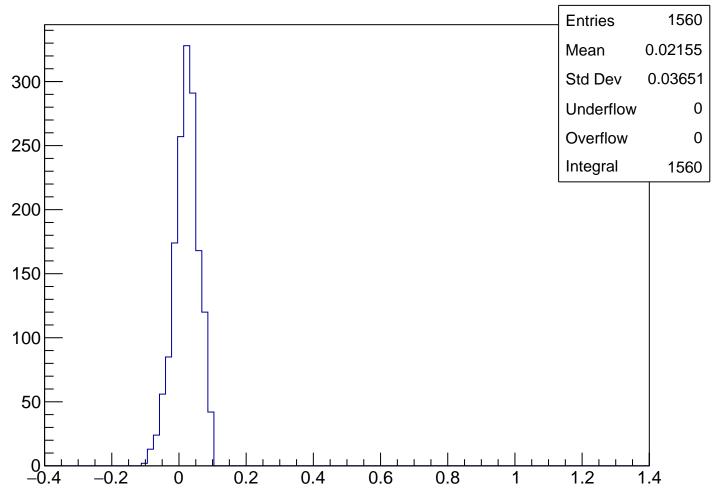
ysacKurama Cut4



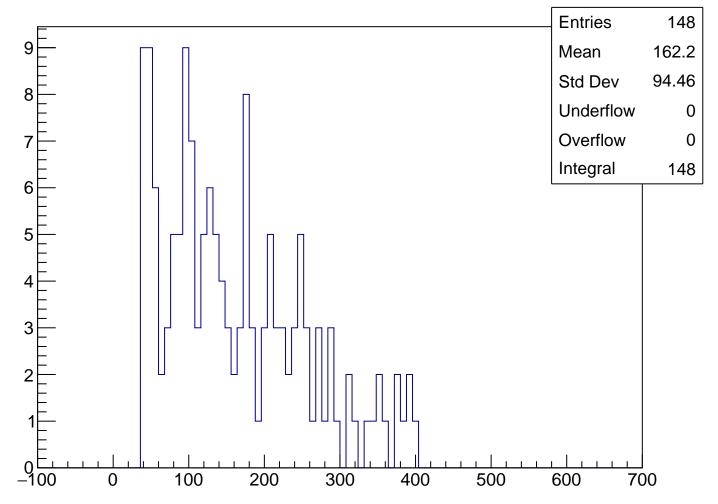
pKurama Cut4



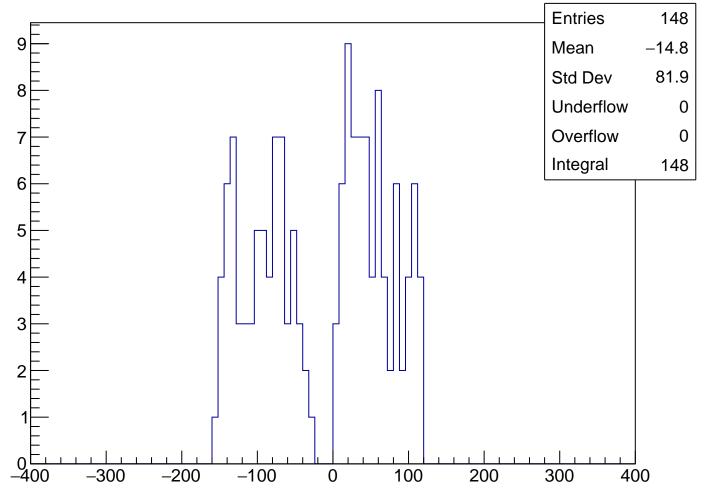
m2 Cut4



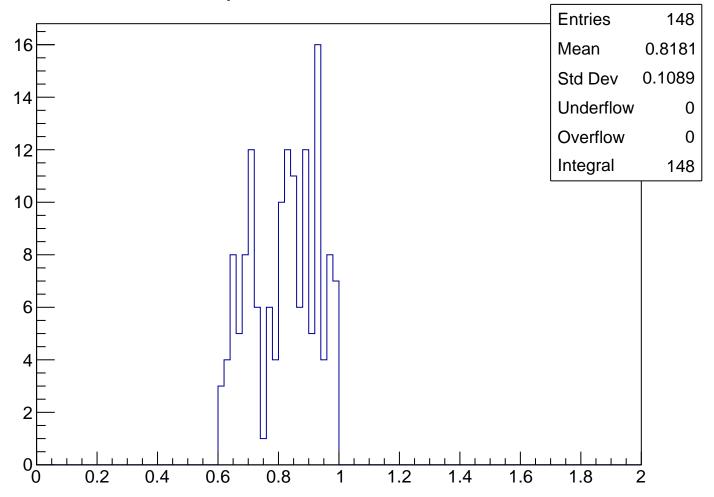
xsacKurama Cut Ver 4



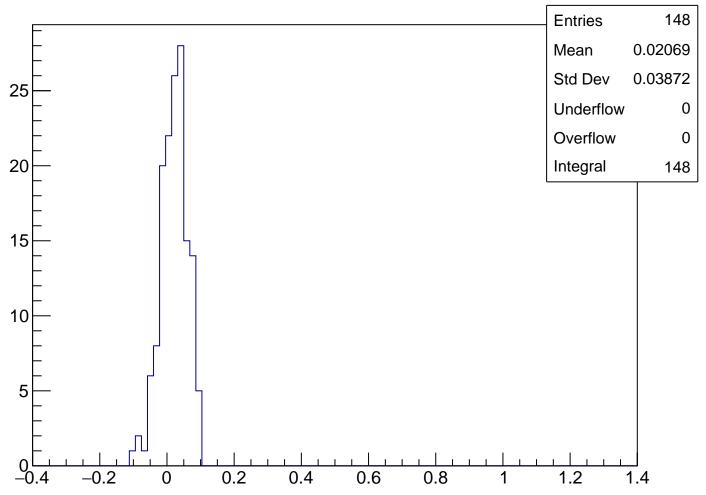
ysacKurama Cut Ver 4



pKurama Cut Ver 4

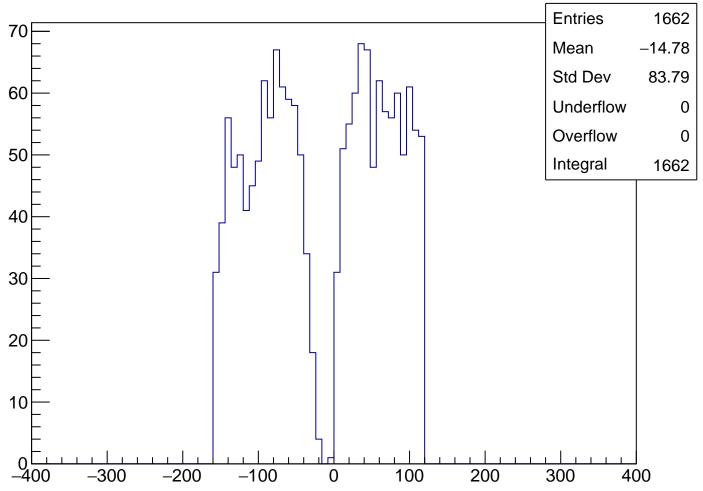


m2 Cut Ver 4



xsacKurama Cut5 **Entries** 80 F 186.6 Mean Std Dev 91.57 Underflow Overflow Integral -100

ysacKurama Cut5



pKurama Cut5 **Entries** 1662 120 Mean 0.8293 Std Dev 0.1122 Underflow 0 100 Overflow 0 Integral 1662 80 60 40 20

1.2

1.4

1.6

1.8

0,

0.2

0.4

0.6

8.0

m2 Cut5 **Entries** 1662 350 Mean 0.02157 0.03656 Std Dev 300 Underflow 0 Overflow 0 250 Integral 1662 200 150 100 50

0.2

0.4

0.6

8.0

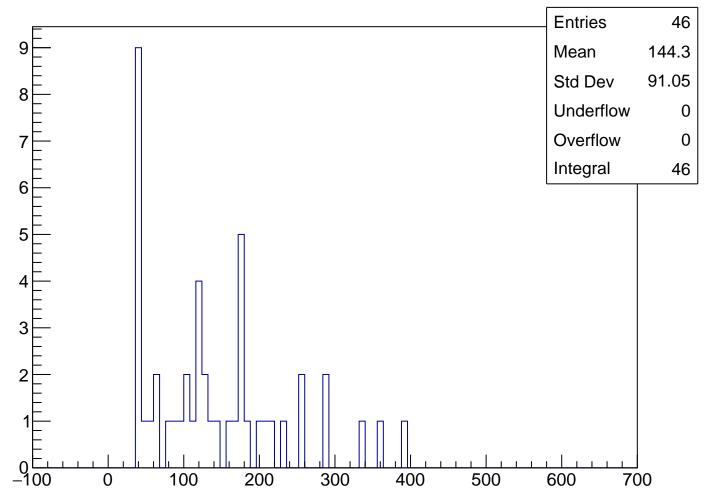
1.2

1.4

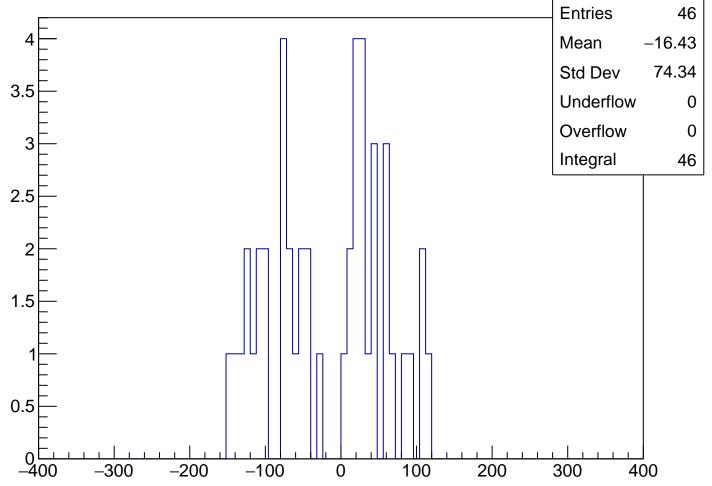
-0.2

0

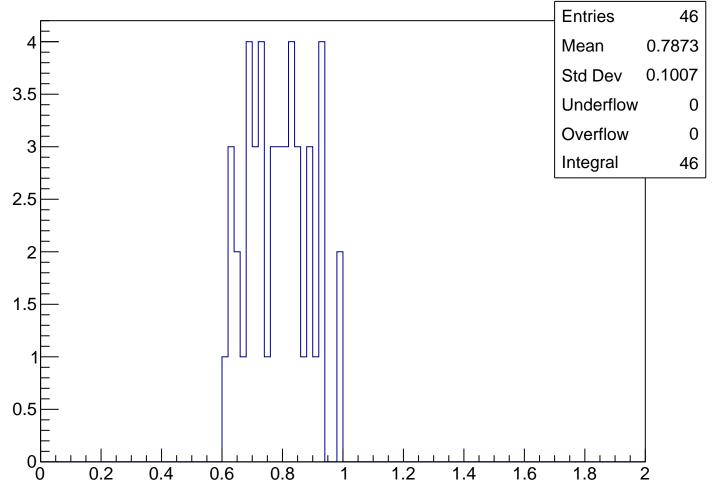
xsacKurama Cut Ver 5



ysacKurama Cut Ver 5



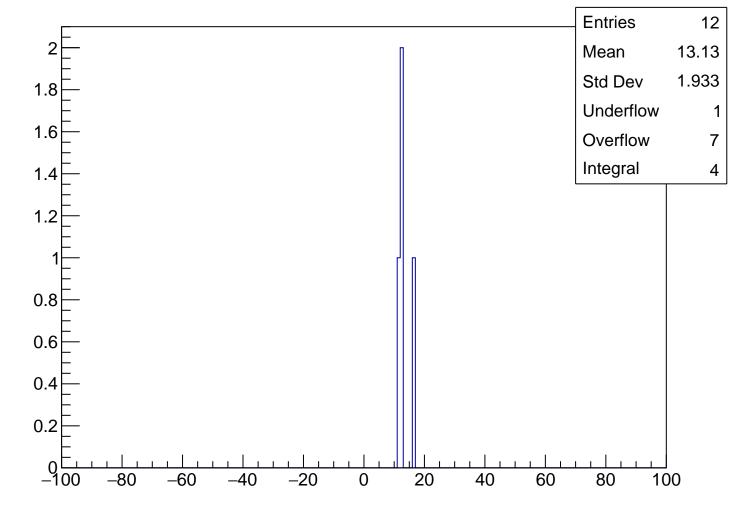
pKurama Cut Ver 5



m2 Cut Ver 5 **Entries** 46 10 0.01823 Mean Std Dev 0.04166 Underflow 0 8 Overflow 0 Integral 46 6 4 2 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

tSac Or Cut5 **Entries** 1701 Mean 0.7546 Std Dev 1.744 Underflow 0 Overflow Integral 1701 10^{2} χ^2 / ndf 85.25 / 6 426.3 ± 12.5 Constant Mean 0.6883 ± 0.0392 Sigma 1.487 ± 0.023 10 -40 -20 20 40 60 80

tSac Or Cut Ver 5

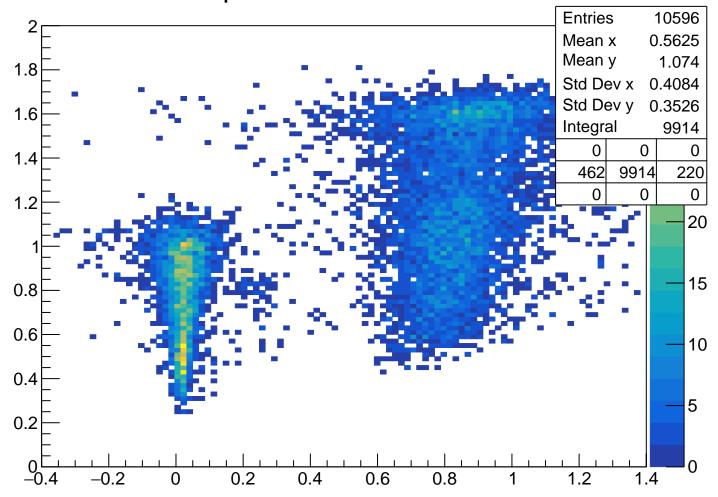


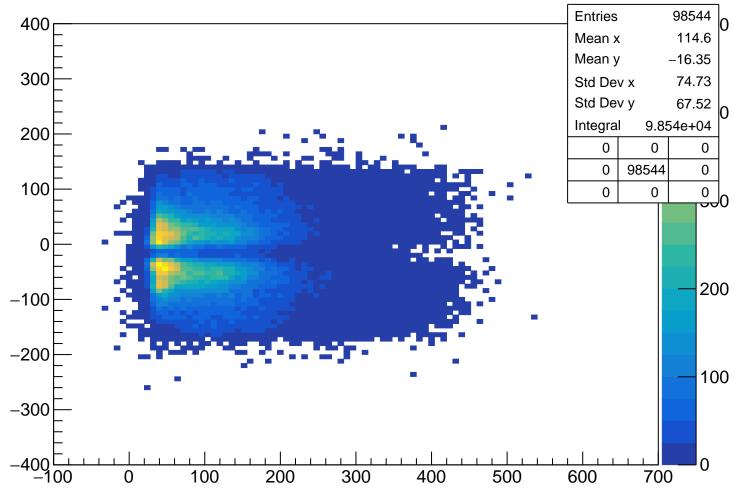
pKurama % ThetaKurama

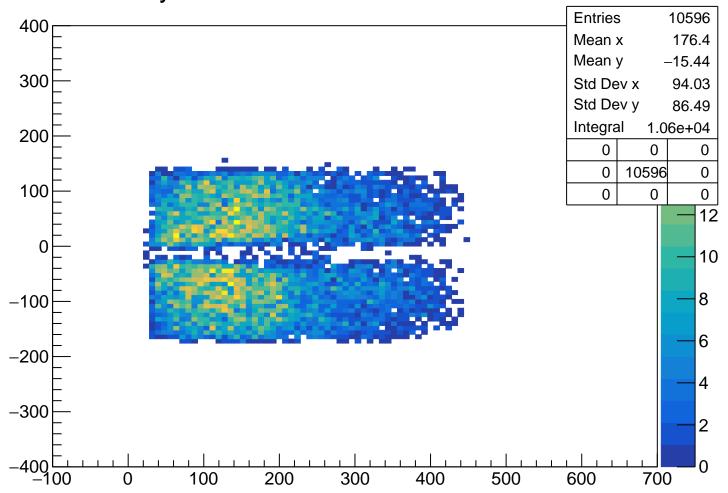


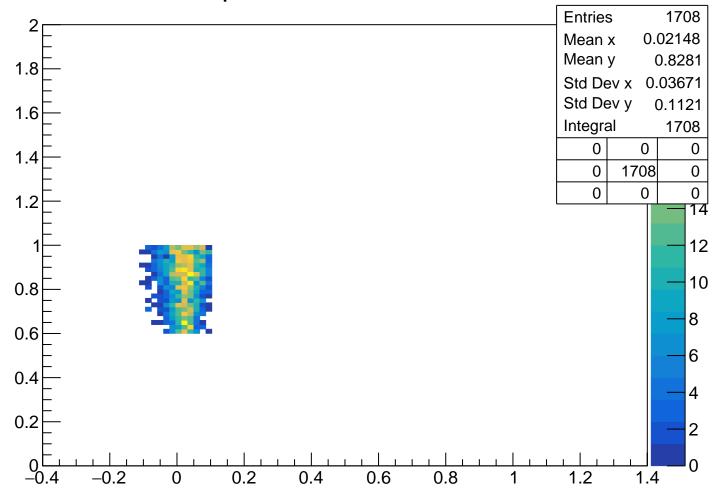
pKurama % m2

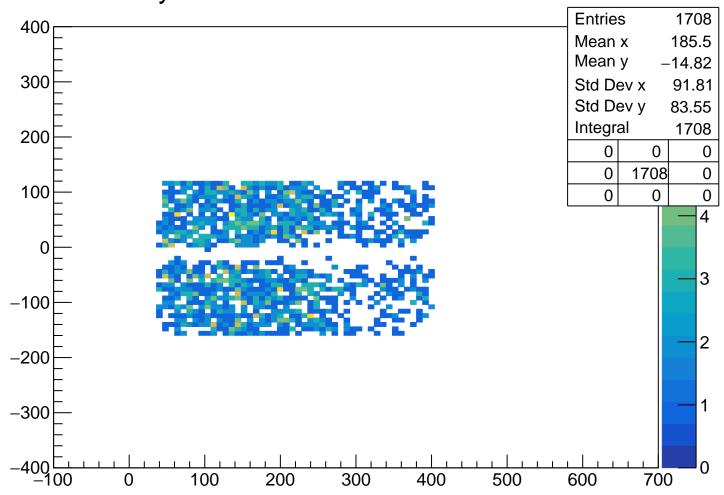


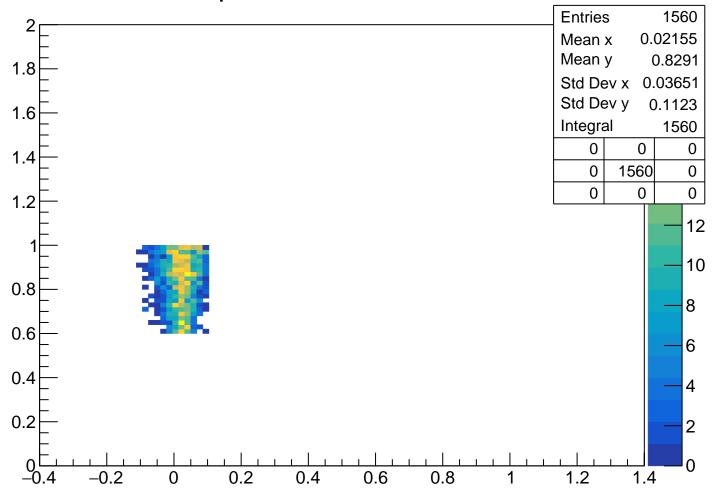


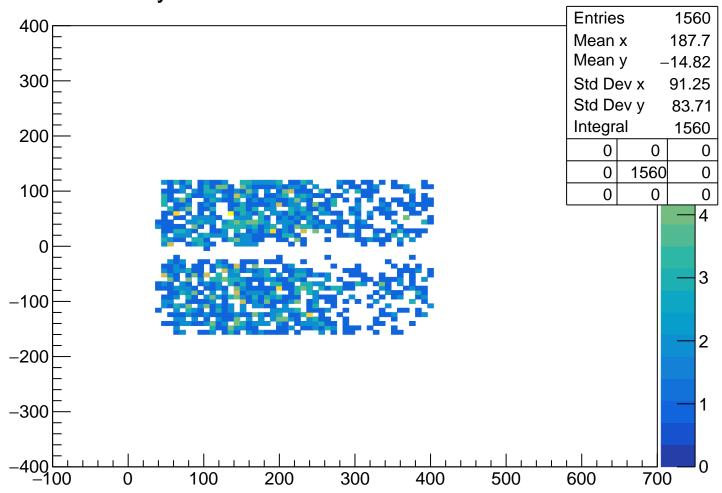




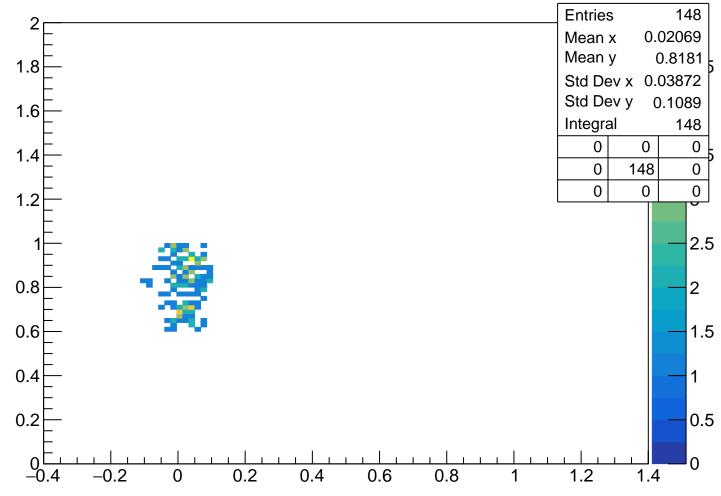


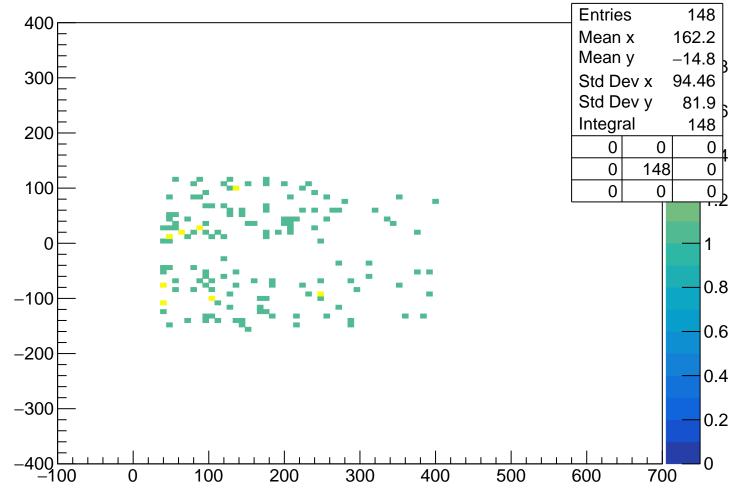


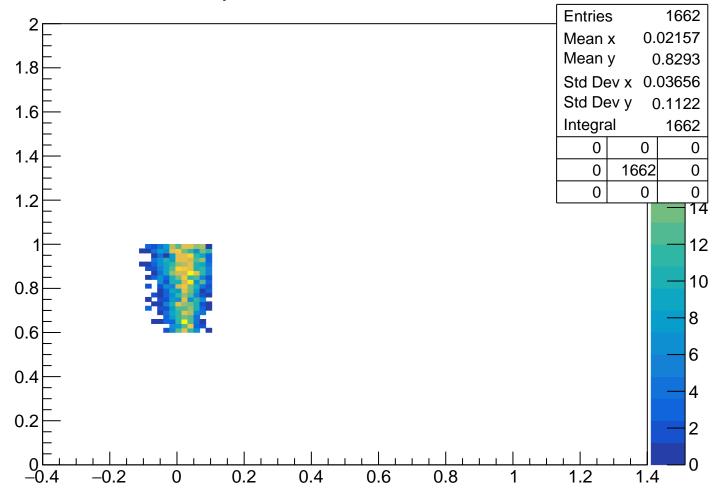


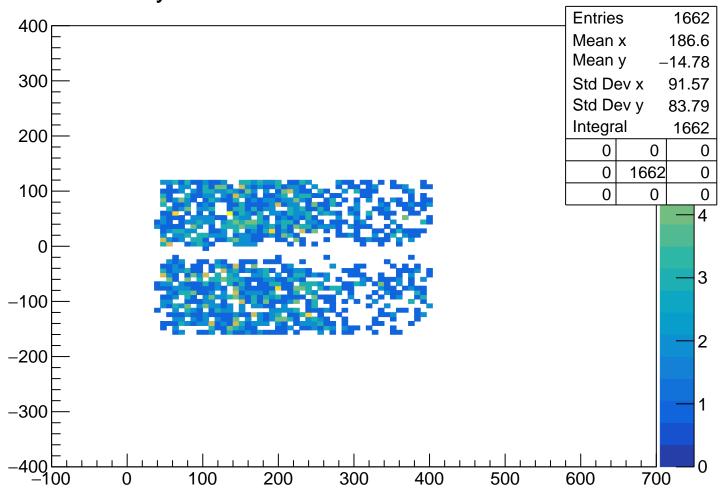


pKurama % m2 Cut Ver 4









pKurama % m2 Cut Ver 5

