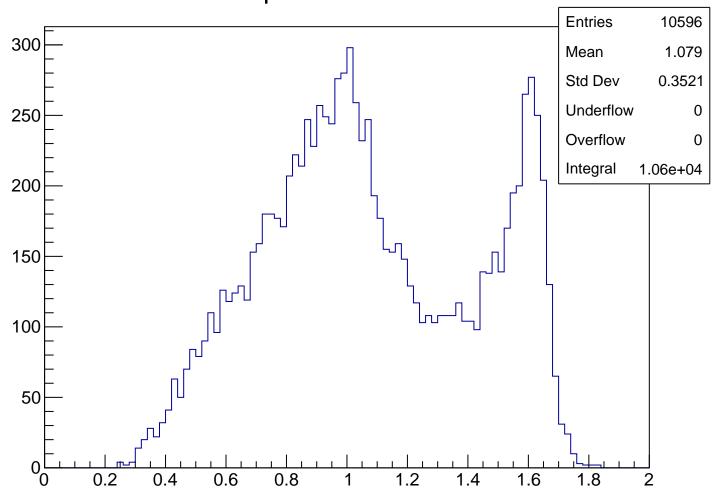
ThetaKurama



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

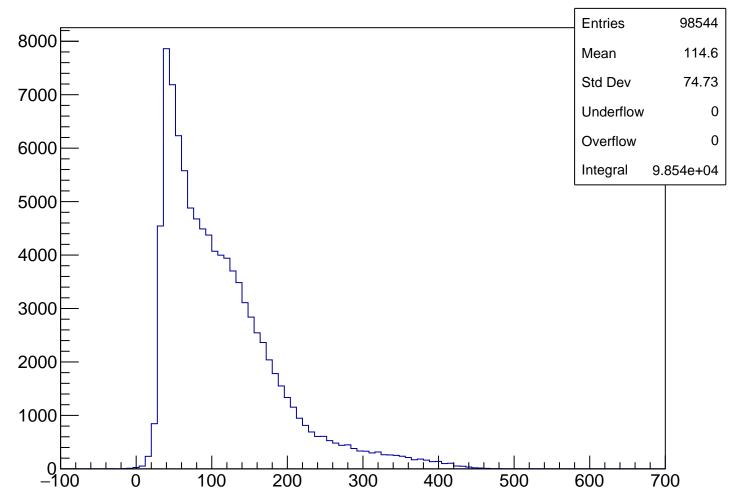
chisqrKurama



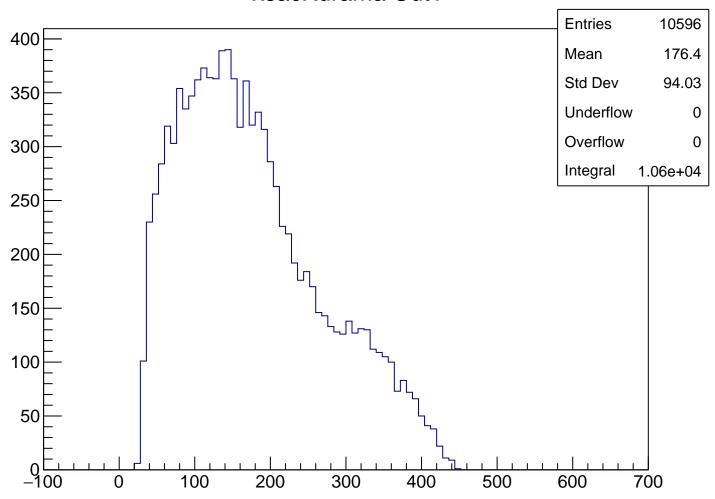
qKurama



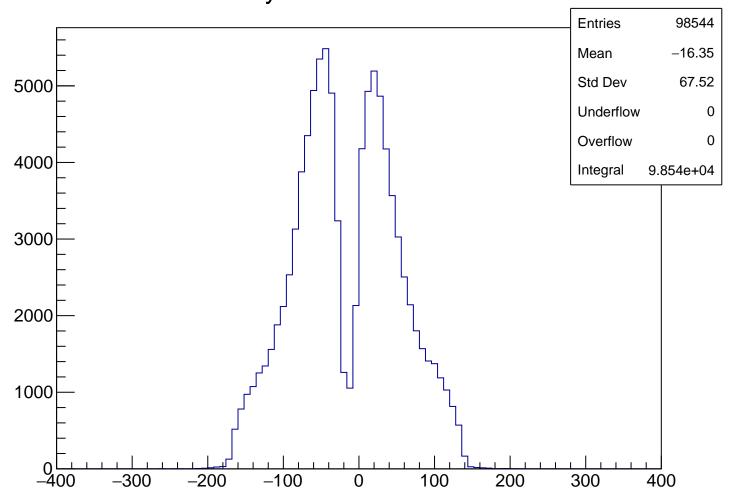
xsacKurama



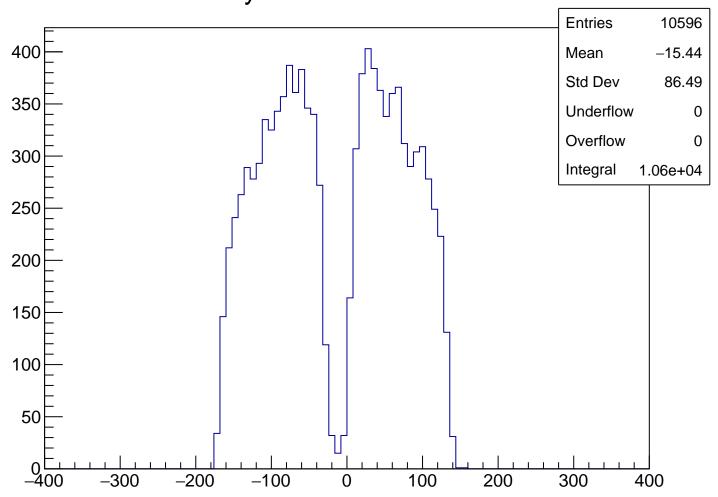
xsacKurama Cut1



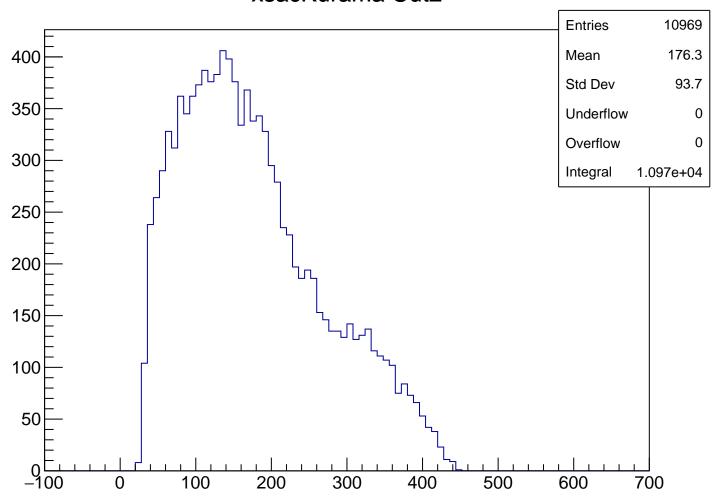
ysacKurama



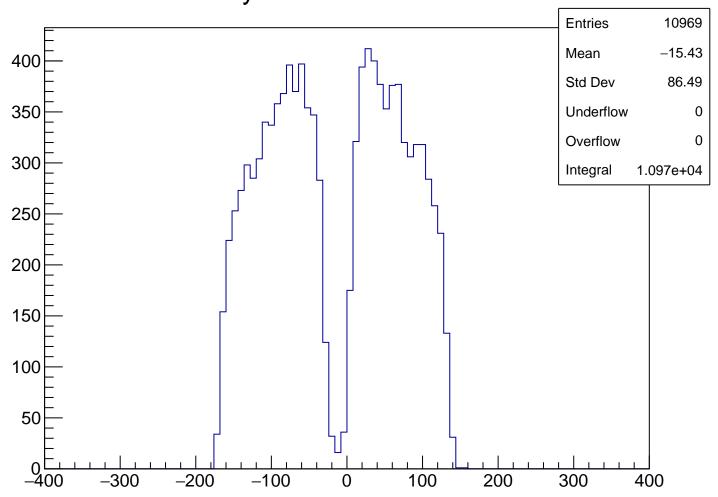
ysacKurama Cut1



xsacKurama Cut2



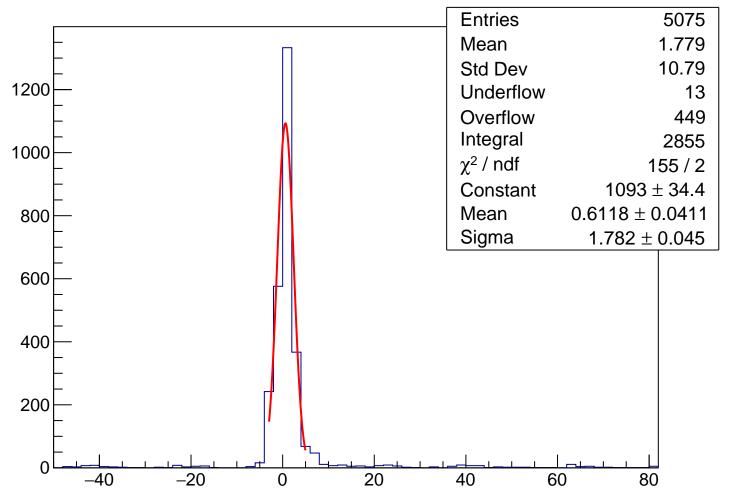
ysacKurama Cut2



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}

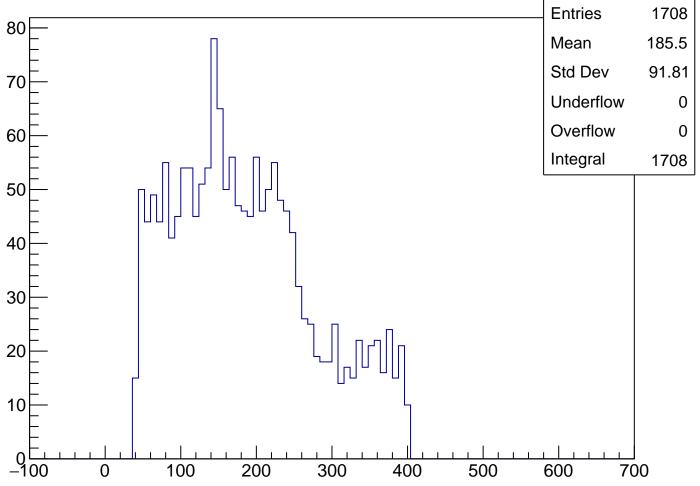
10

920

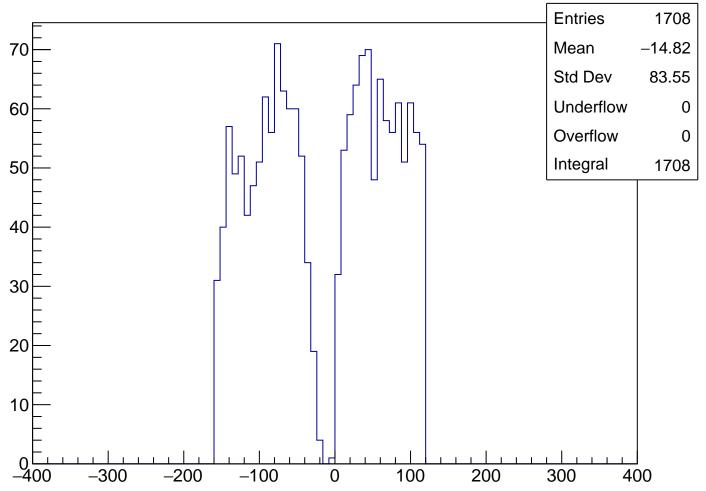
940

960

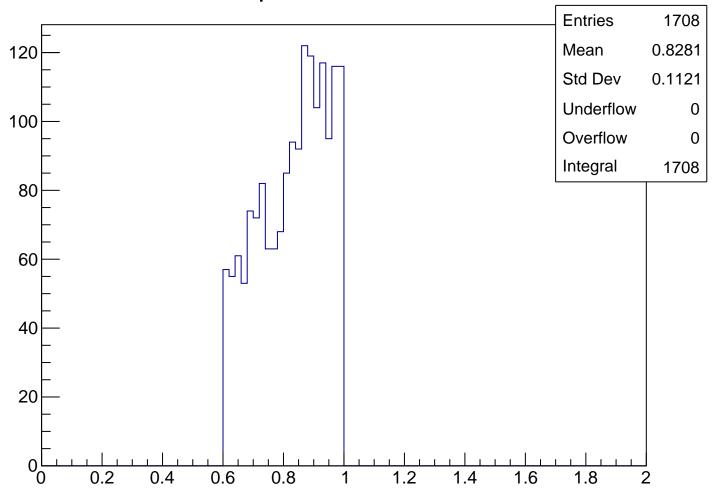
xsacKurama Cut3



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 **Entries** 1605 700 Mean 0.8467 Std Dev 2.087 Underflow 0 600 Overflow Integral 1605 χ^2 / ndf 3.465/2500 704.7 ± 22.0 Constant Mean 0.7167 ± 0.0462 400 Sigma 1.795 ± 0.035 300 200 100

20

40

60

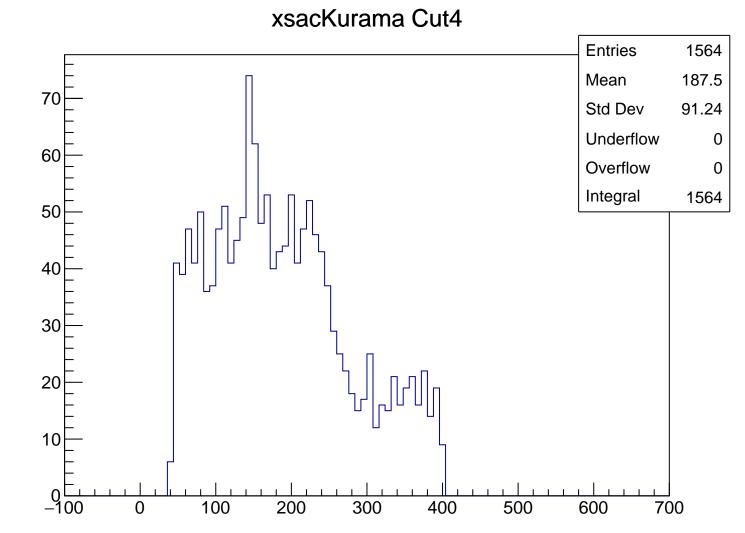
80

0

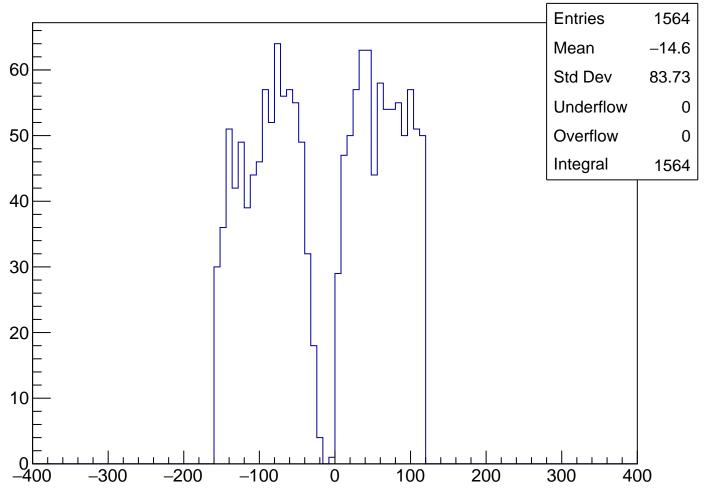
-40

-20

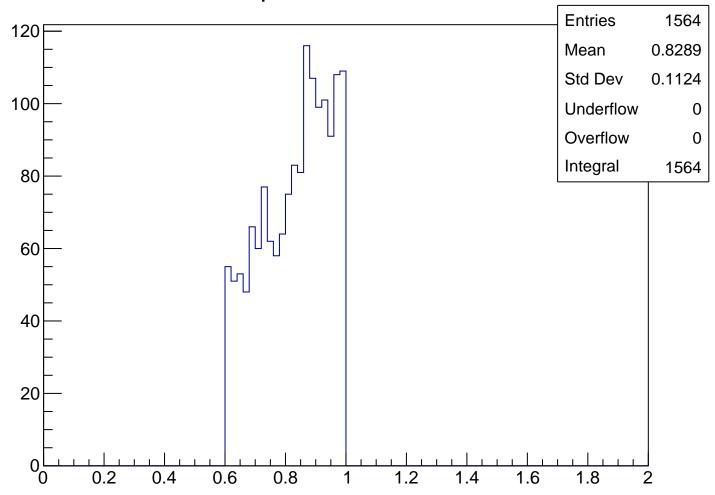
0



ysacKurama Cut4



pKurama Cut4



m2 Cut4 **Entries** 1564 Mean 0.02147 0.03657 Std Dev 300 Underflow 0 Overflow 0 250 Integral 1564 200 150 100 50

0 -0.4

-0.2

0

0.2

0.4

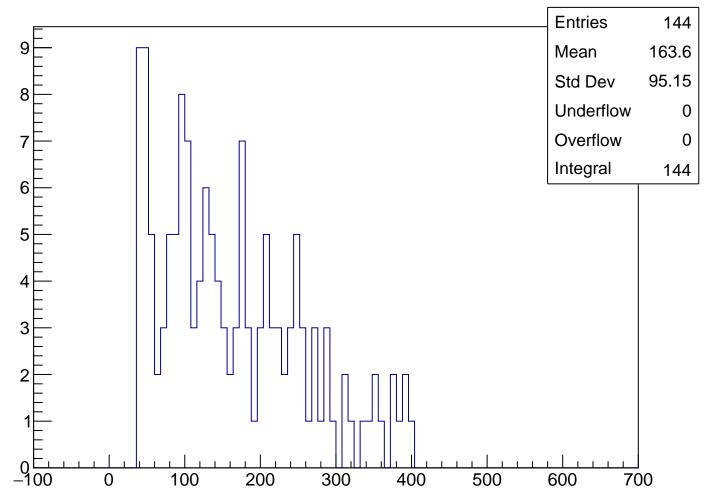
0.6

8.0

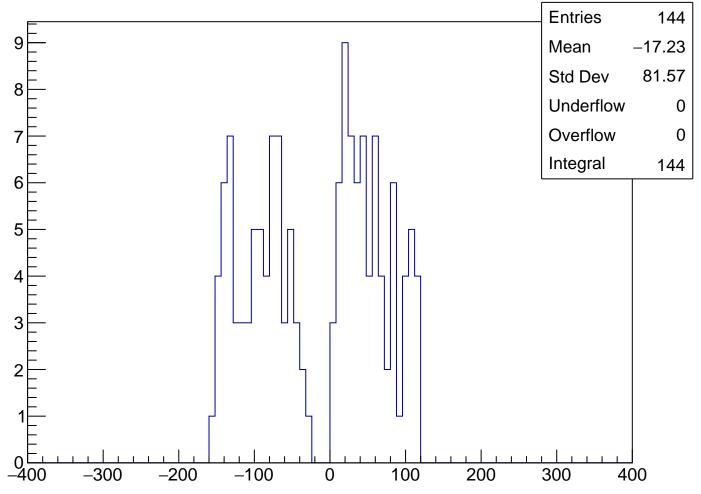
1.2

1.4

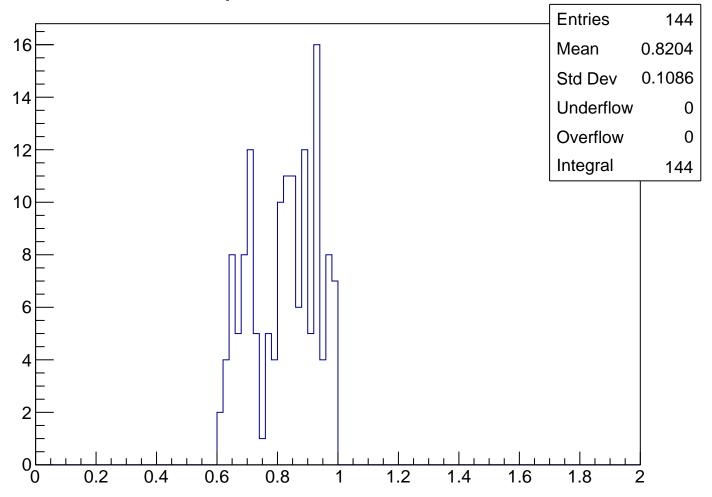
xsacKurama Cut Ver 4



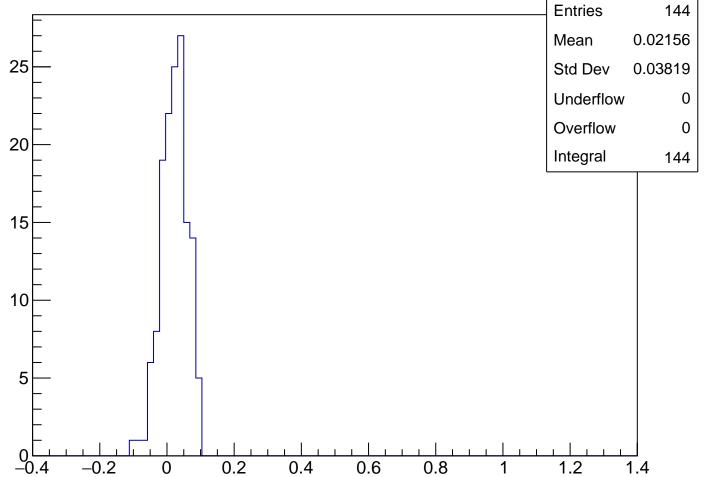
ysacKurama Cut Ver 4

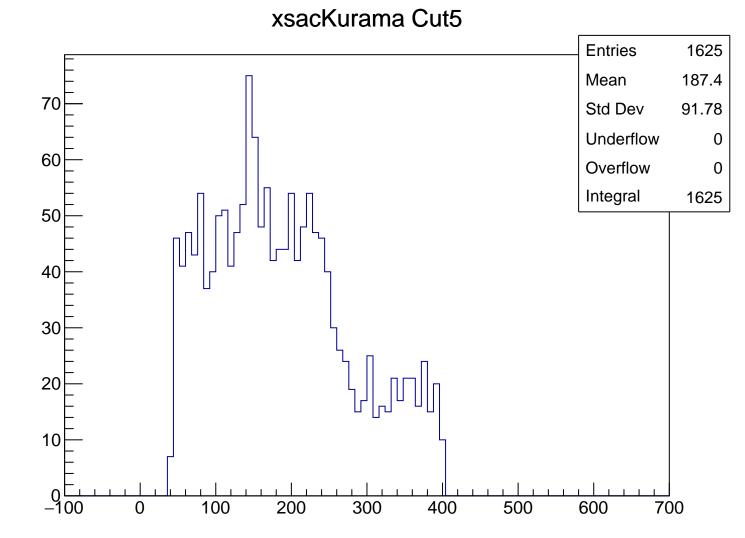


pKurama Cut Ver 4

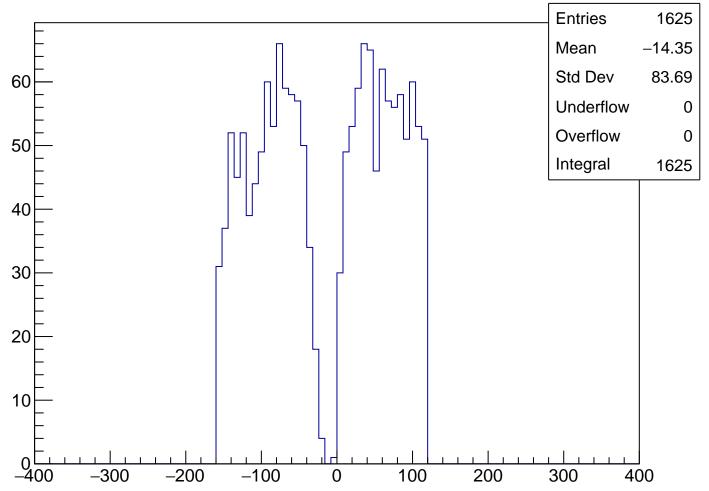


m2 Cut Ver 4



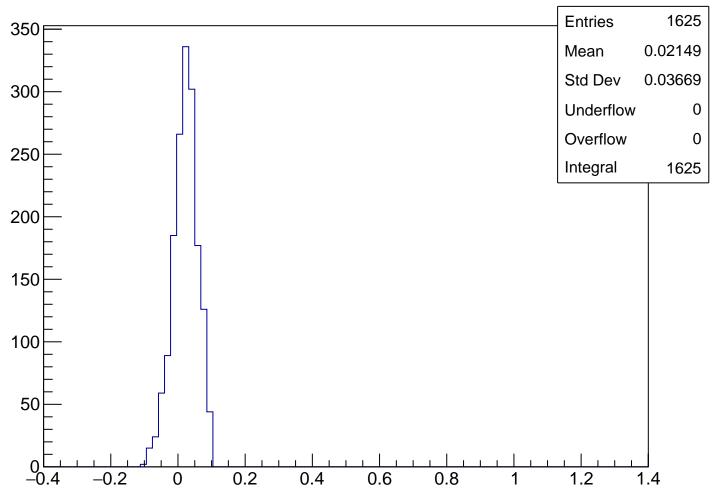


ysacKurama Cut5

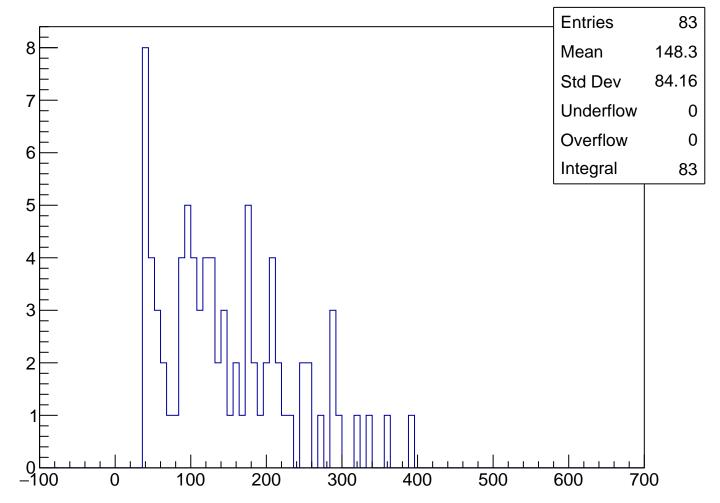


pKurama Cut5 **Entries** 1625 120 0.829 Mean Std Dev 0.1123 Underflow 0 100 Overflow 0 Integral 1625 80 60 40 20 0, 0.2 0.4 0.6 8.0 1.2 1.4 1.6 1.8

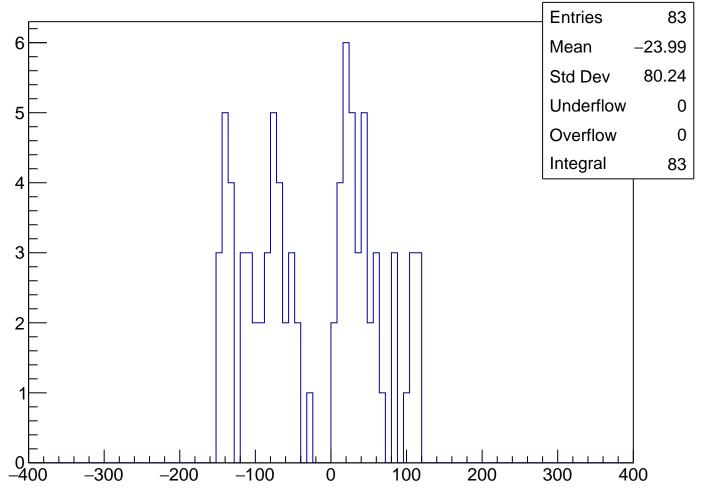
m2 Cut5



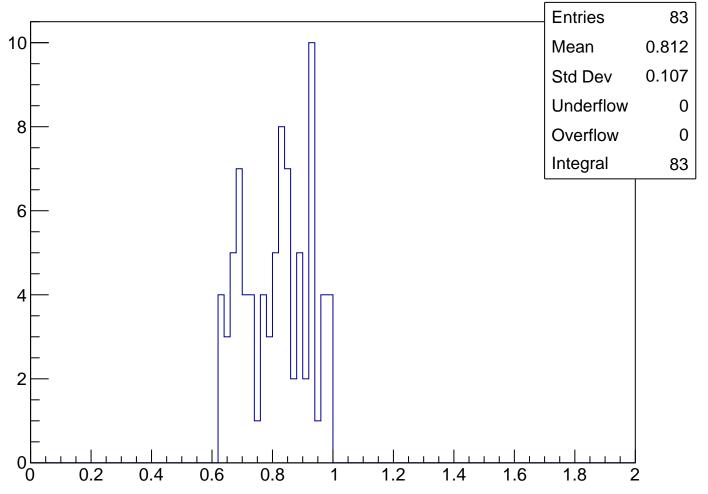
xsacKurama Cut Ver 5



ysacKurama Cut Ver 5



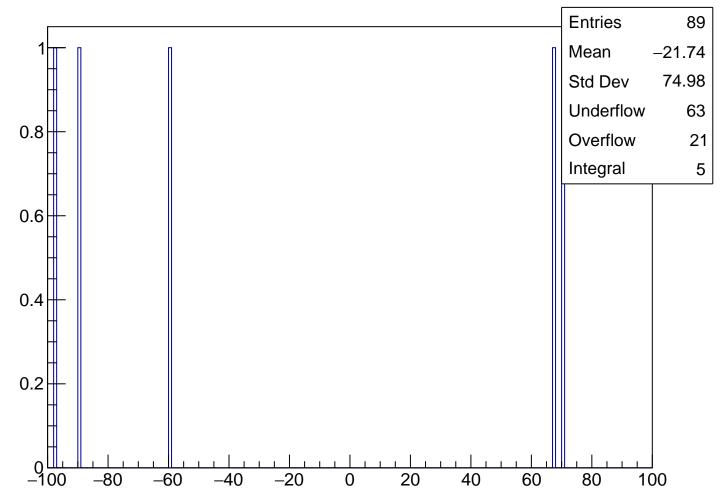
pKurama Cut Ver 5



m2 Cut Ver 5 **Entries** 83 18 0.02128 Mean Std Dev 0.03704 16 Underflow 0 Overflow 14 0 Integral 83 12 10 8 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** 1777 Mean 0.7904 1.953 Std Dev Underflow Overflow Integral 1777 10^{2} χ^2 / ndf 75.42 / 6 Constant 451.9 ± 13.3 Mean 0.6318 ± 0.0371 Sigma 1.468 ± 0.024 10 -40 -20 20 40 60 80

tSac Or Cut Ver 5

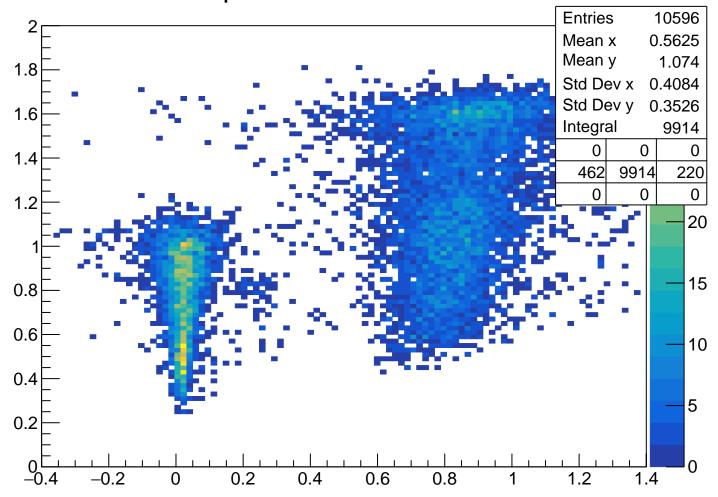


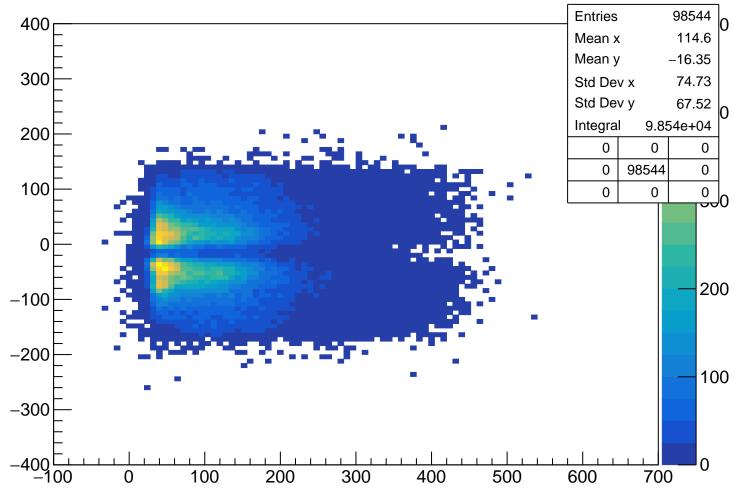
pKurama % ThetaKurama

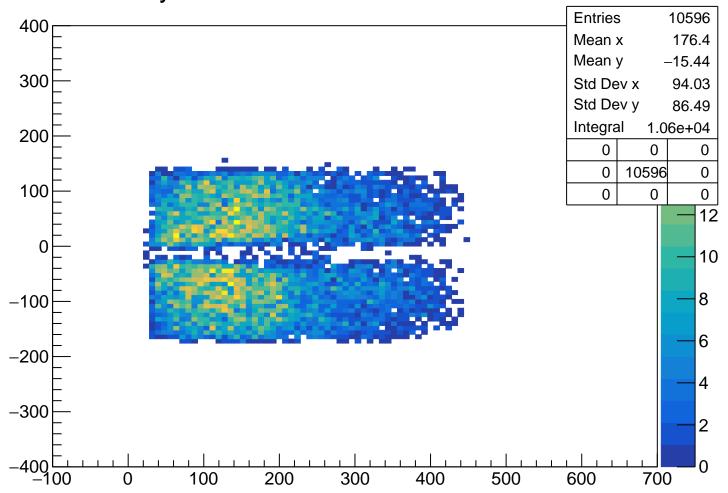


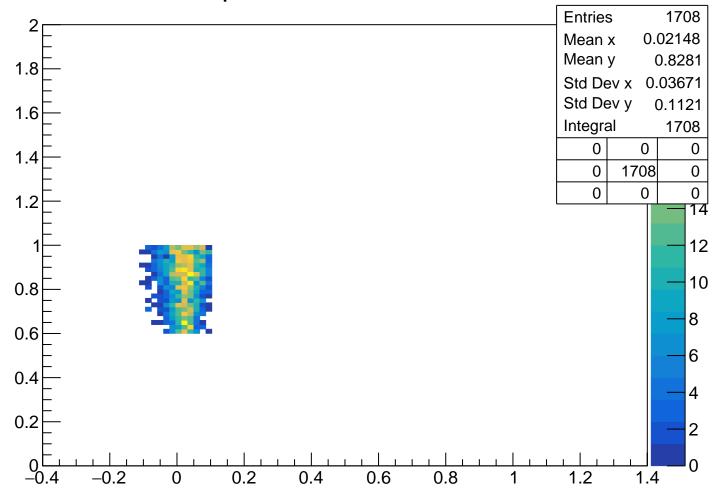
pKurama % m2

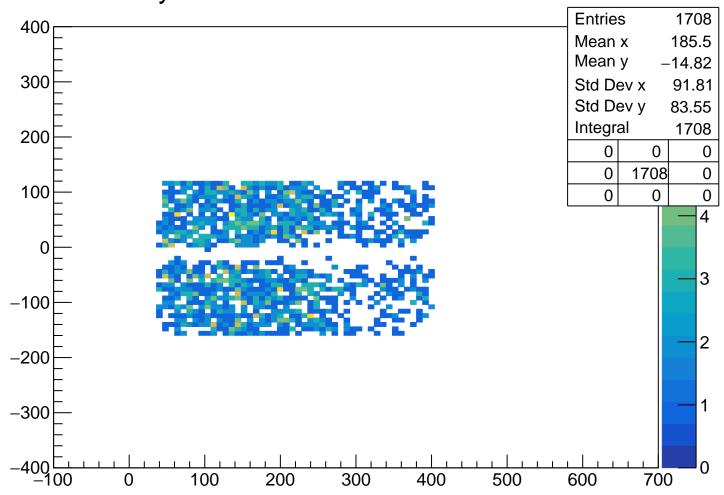


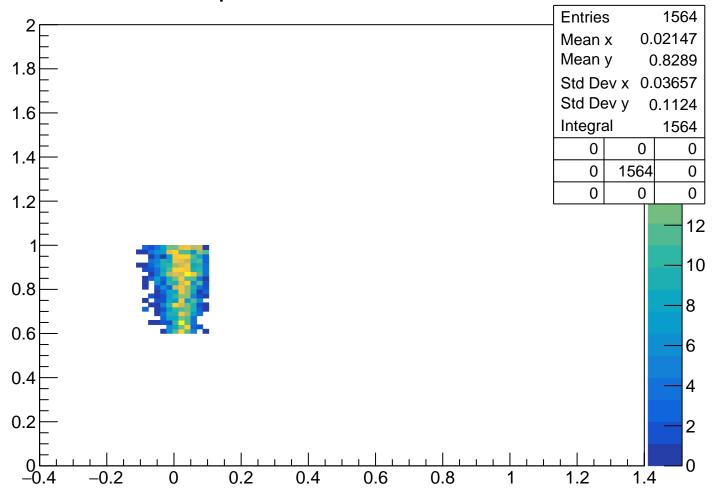


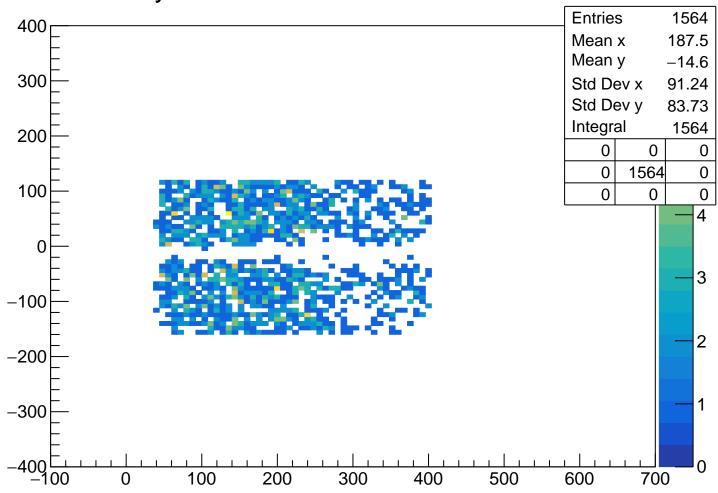




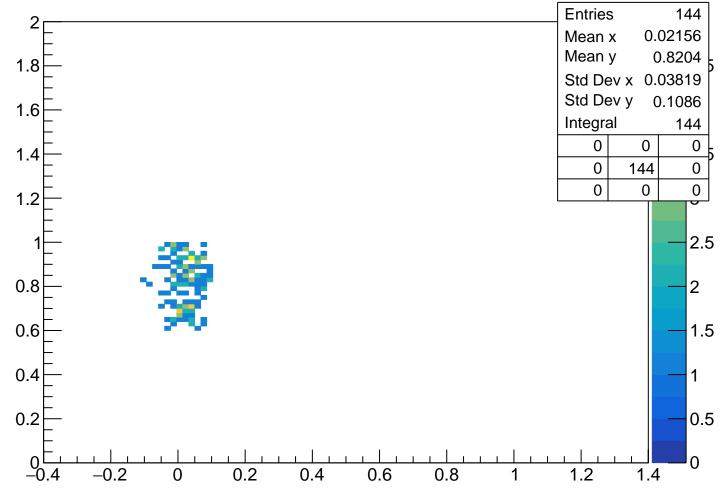


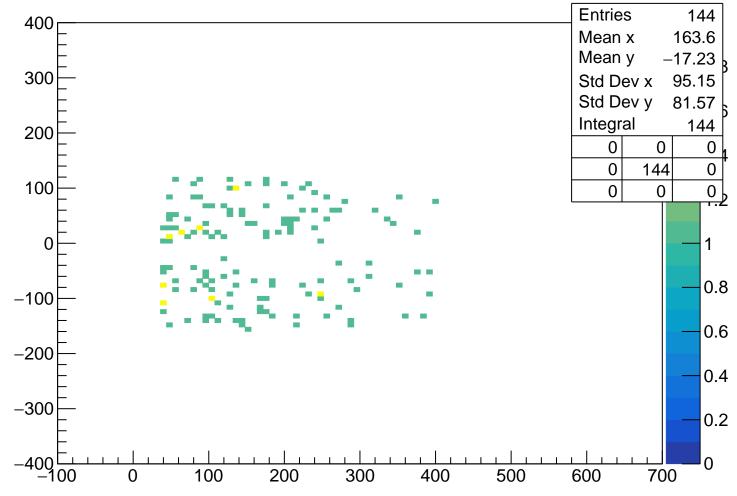


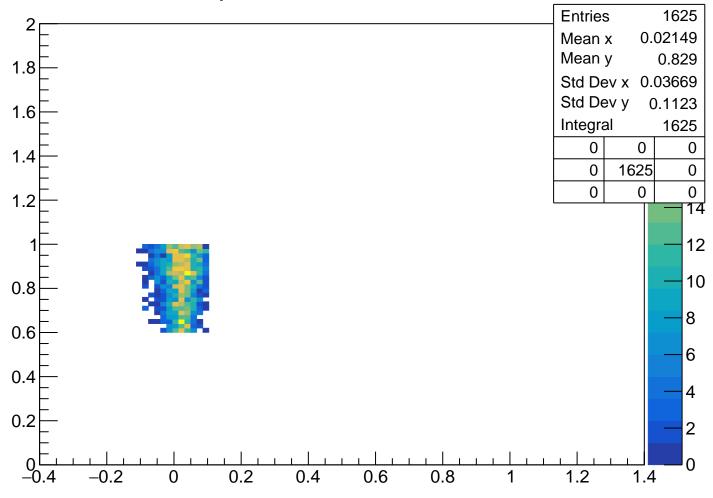


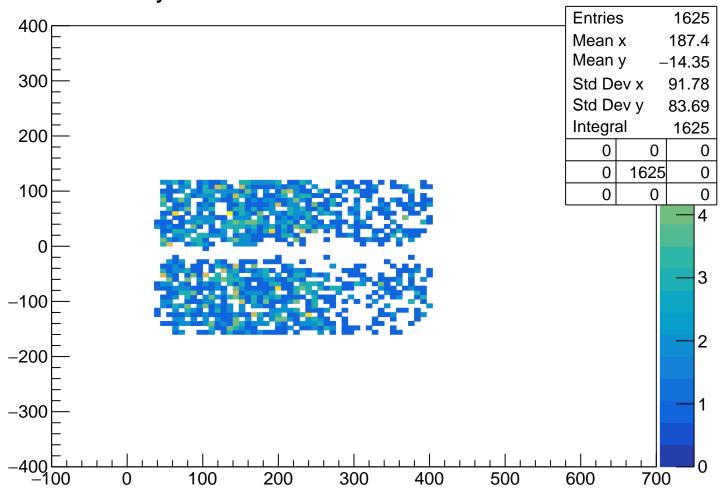


pKurama % m2 Cut Ver 4









pKurama % m2 Cut Ver 5

