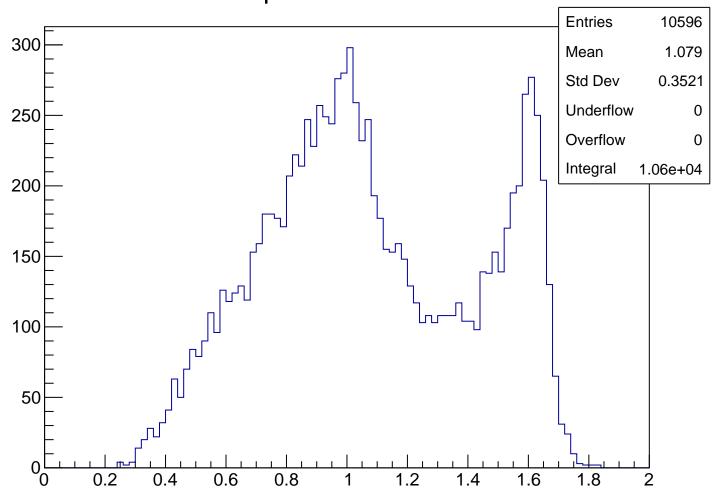
ThetaKurama



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

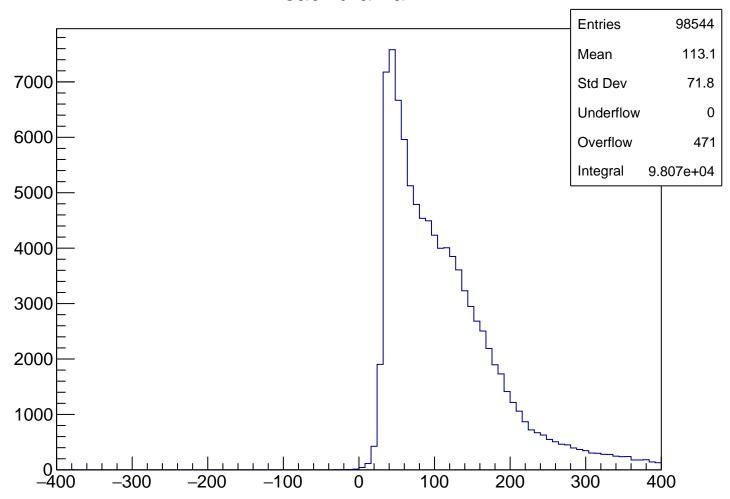
chisqrKurama



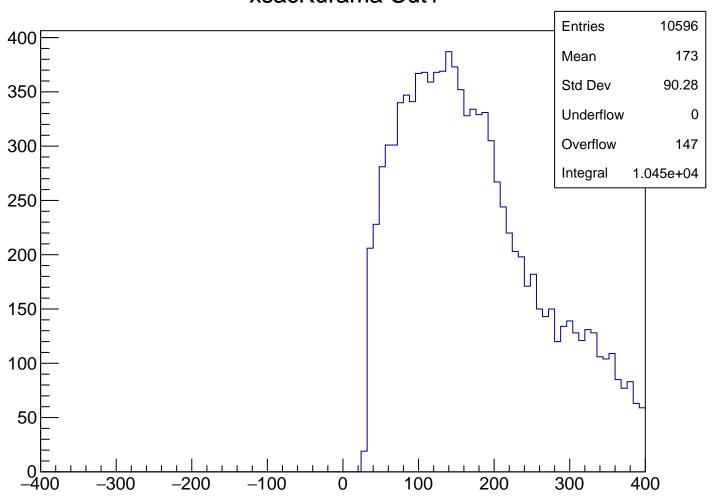
qKurama



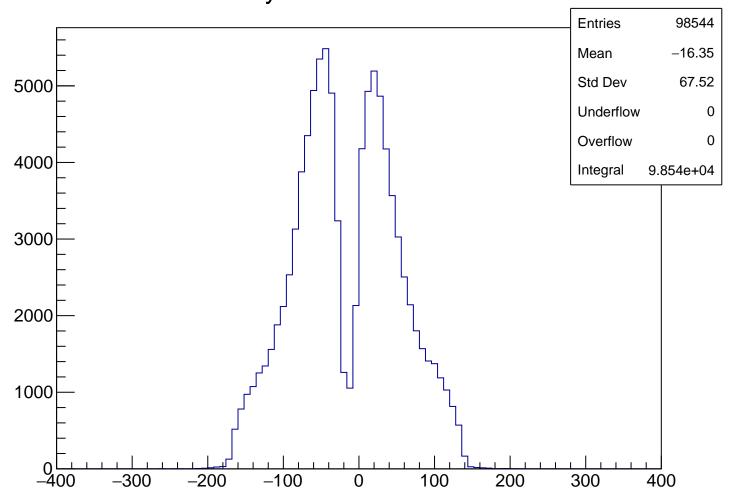
xsacKurama



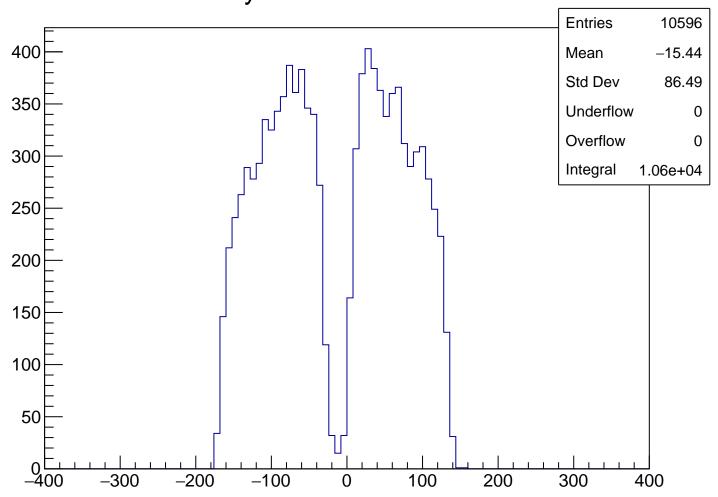
xsacKurama Cut1



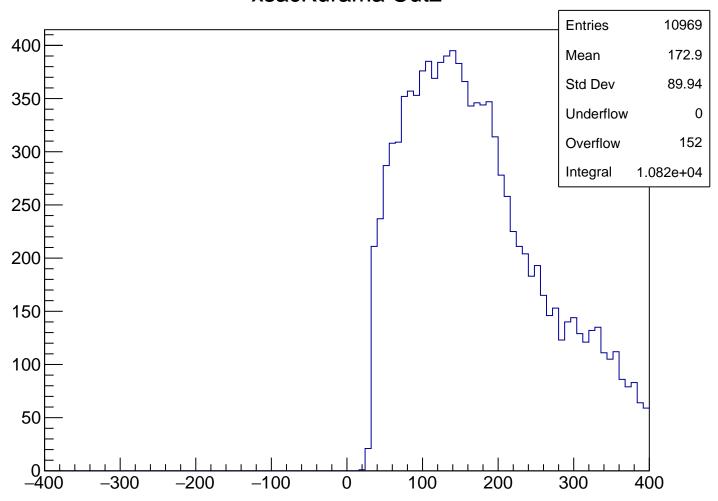
ysacKurama



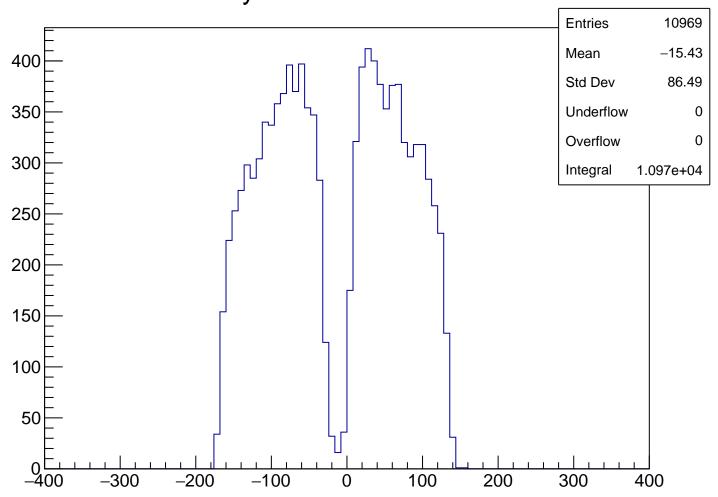
ysacKurama Cut1



xsacKurama Cut2



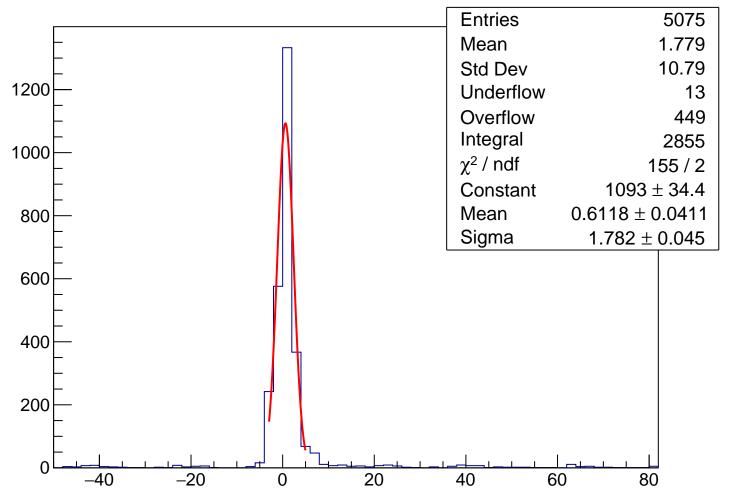
ysacKurama Cut2



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

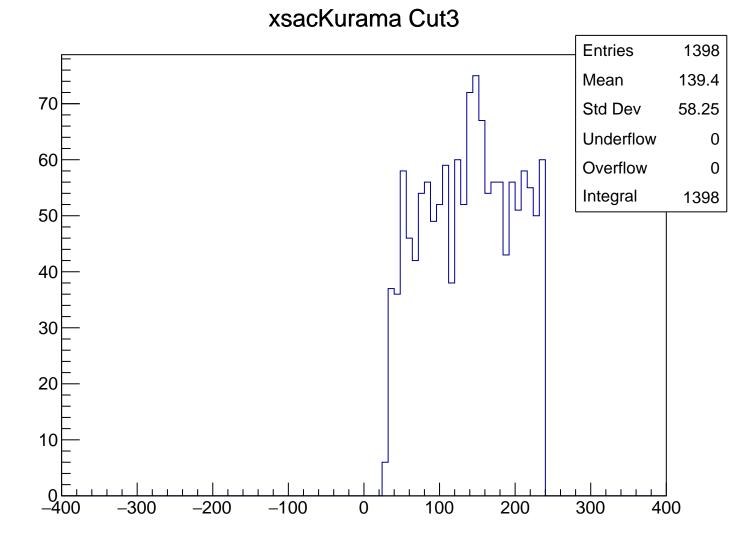
 10^{2}

10

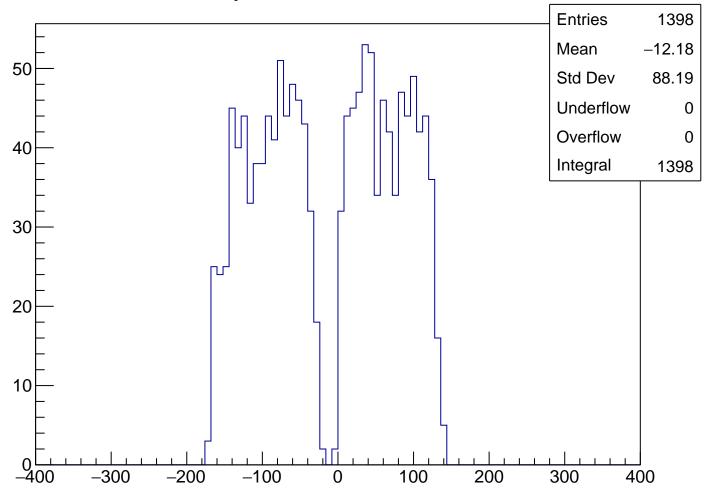
920

940

960



ysacKurama Cut3



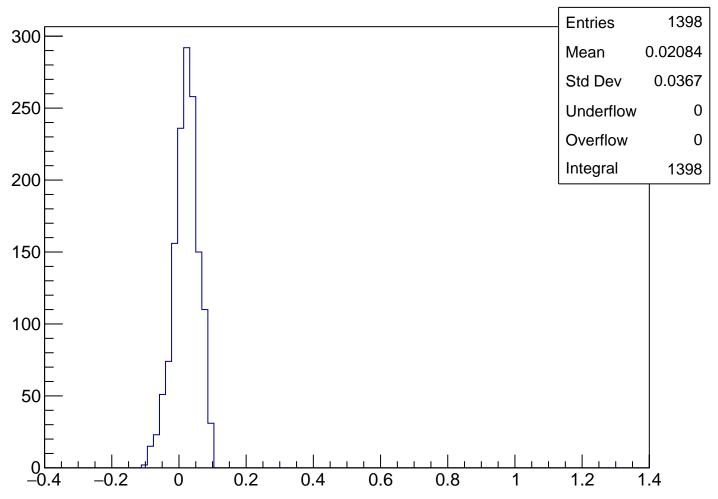
pKurama Cut3 **Entries** 1398 0.834 Mean 100 Std Dev 0.1108 Underflow 0 Overflow 0 80 Integral 1398 60 40 20 0, 0.2 0.6 8.0 1.2 1.6

1.4

1.8

0.4

m2 Cut3



tSac Or Cut4 **Entries** 1279 Mean 0.7076 2.166 Std Dev 500 Underflow 0 Overflow Integral 1279 400 χ^2 / ndf 3.159/2 544.2 ± 19.2 Constant Mean 0.5555 ± 0.0538 300 Sigma 1.855 ± 0.042 200 100 0

20

40

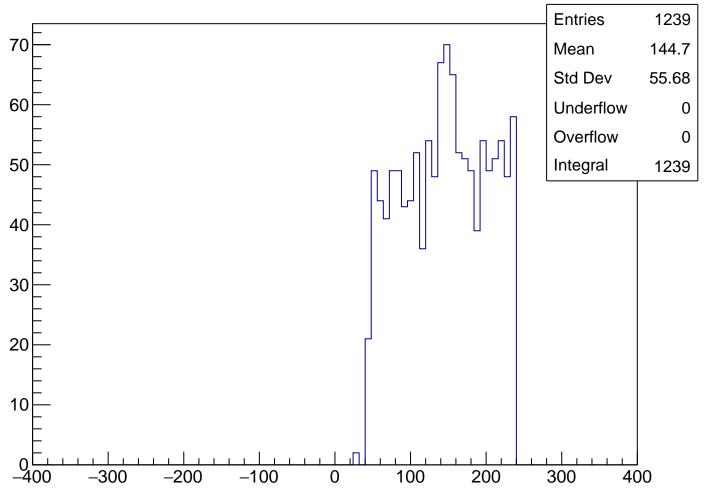
60

80

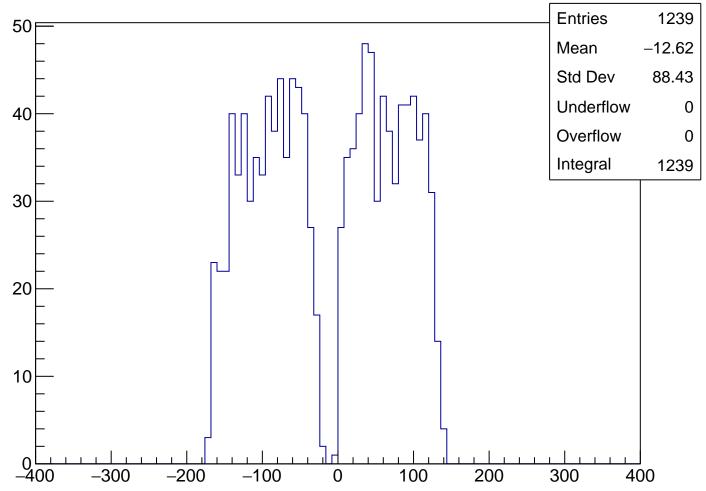
-40

-20

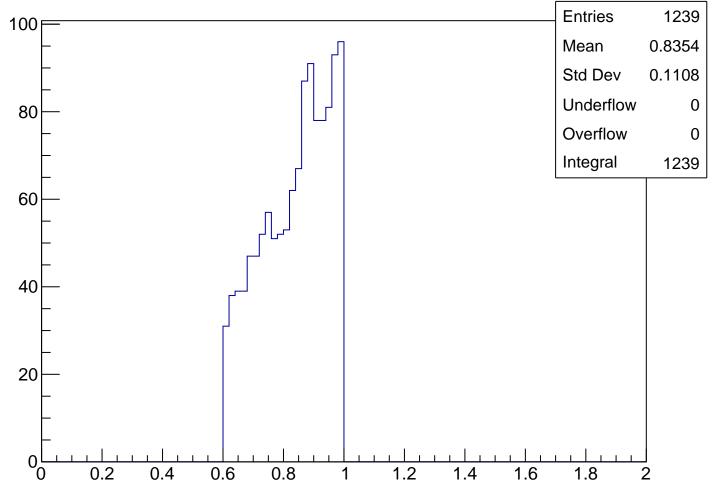
xsacKurama Cut4



ysacKurama Cut4

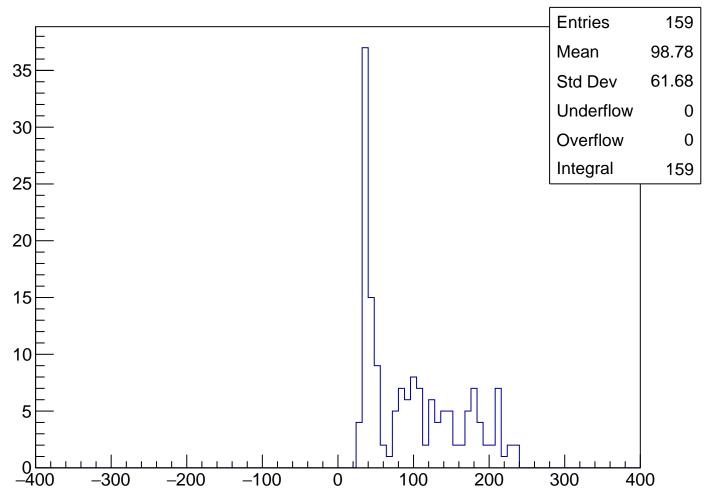


pKurama Cut4

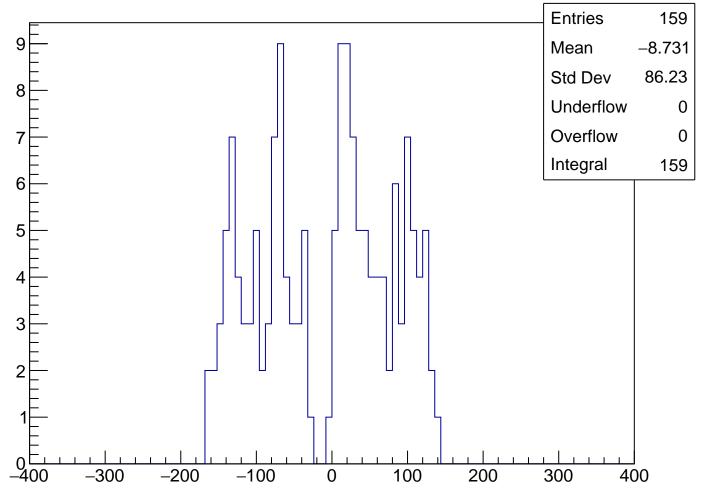


m2 Cut4 **Entries** 1239 0.02087 Mean 250 0.03671 Std Dev Underflow 0 200 Overflow 0 Integral 1239 150 100 50 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

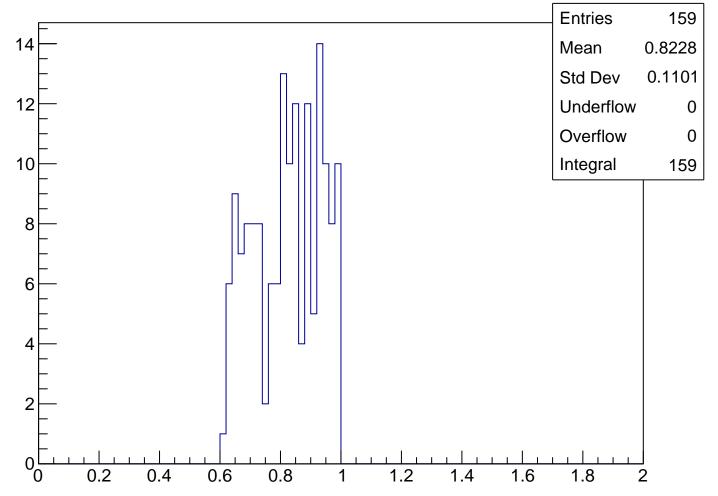
xsacKurama Cut Ver 4



ysacKurama Cut Ver 4



pKurama Cut Ver 4

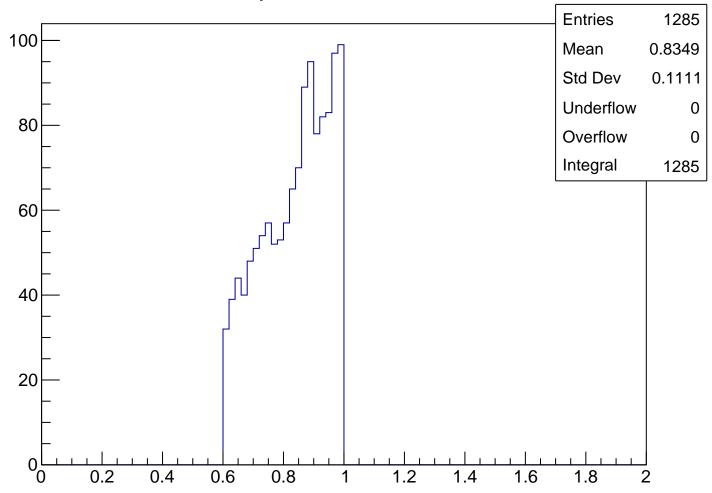


m2 Cut Ver 4 **Entries** 159 35 0.02057 Mean 0.03662 Std Dev 30 Underflow 0 Overflow 0 25 Integral 159 20 15 10 5 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

xsacKurama Cut5 **Entries** 1285 143.7 Mean 70 Std Dev 55.96 Underflow 0 60 Overflow 0 Integral 1285 50 40 30 20 10 -300 -400 -200 -100100 200 300 400

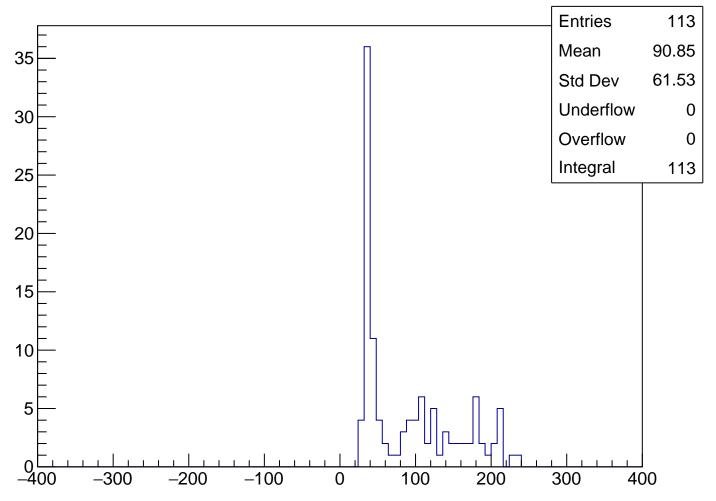
ysacKurama Cut5 **Entries** 1285 50 Mean -12.26Std Dev 88.64 Underflow 0 40 Overflow 0 Integral 1285 30 20 10 -400 -300 -200 -100100 200 300 400

pKurama Cut5

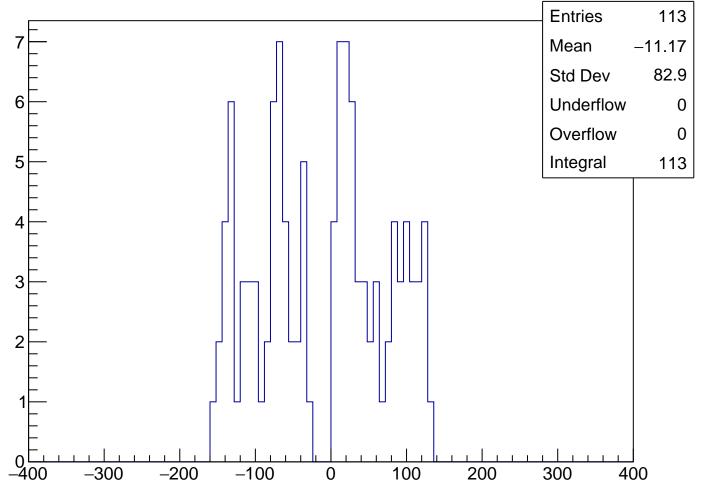


m2 Cut5 **Entries** 1285 Mean 0.02099 250 0.0368 Std Dev Underflow 0 Overflow 0 200 Integral 1285 150 100 50 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

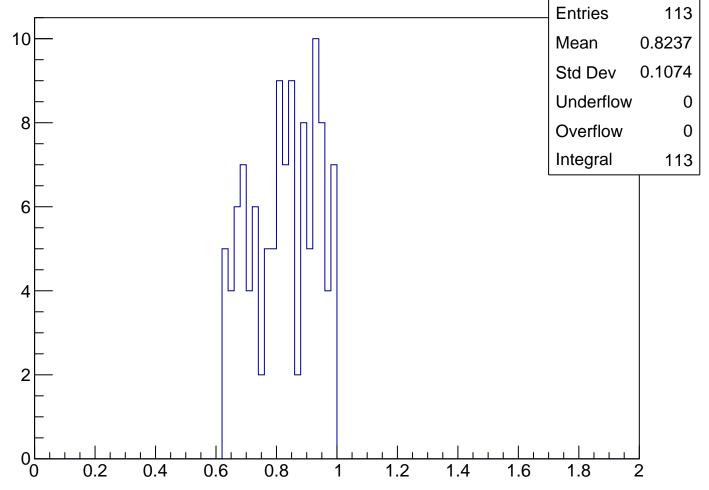
xsacKurama Cut Ver 5



ysacKurama Cut Ver 5



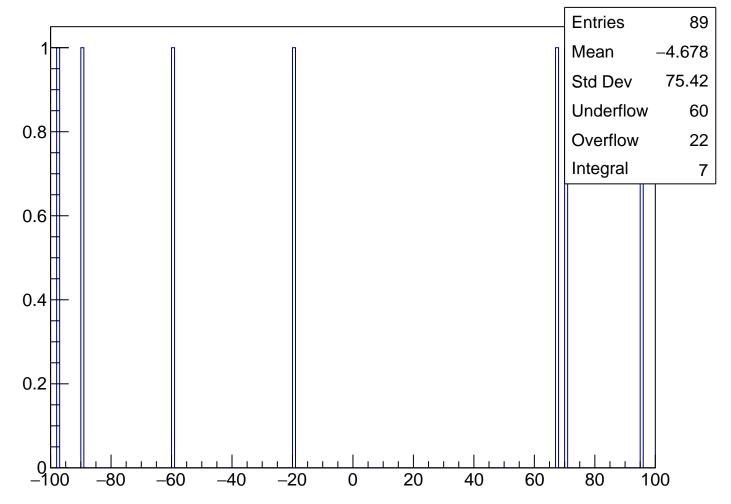
pKurama Cut Ver 5



m2 Cut Ver 5 113 **Entries** 0.01904 Mean 25 Std Dev 0.03546 Underflow 0 Overflow 0 20 Integral 113 15 10 5 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

tSac Or Cut5 **Entries** 1414 Mean 0.6704 2.026 Std Dev Underflow 0 Overflow Integral 1414 10^2 χ^2 / ndf 67.88 / 6 350.1 ± 11.6 Constant Mean 0.5033 ± 0.0425 Sigma 1.501 ± 0.028 10 -40 -20 20 40 60 80

tSac Or Cut Ver 5

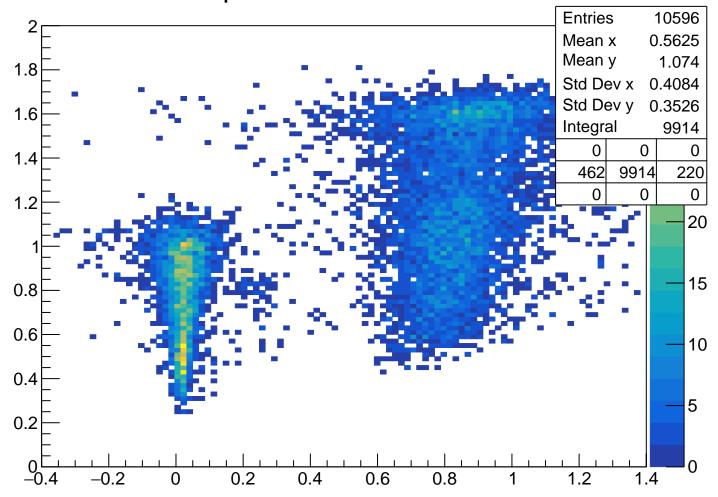


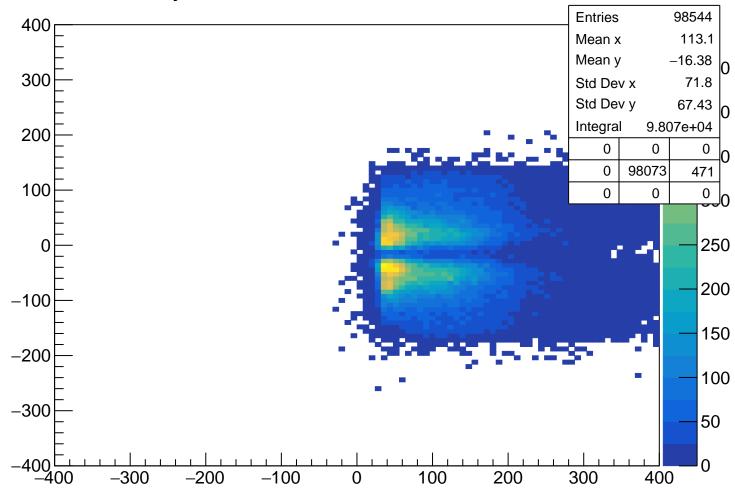
pKurama % ThetaKurama

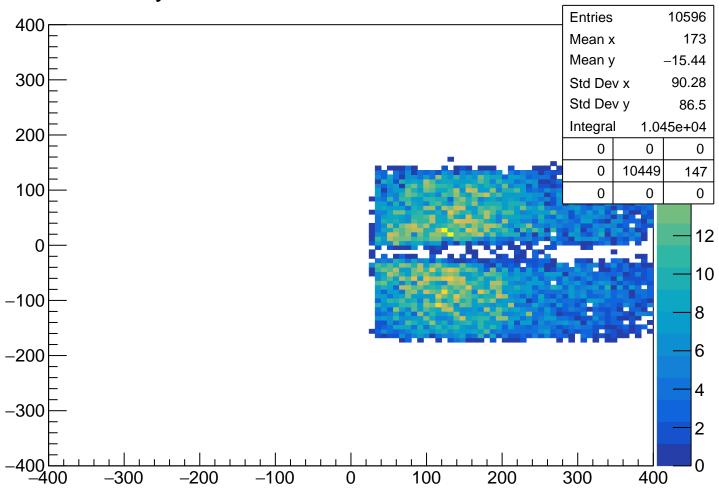


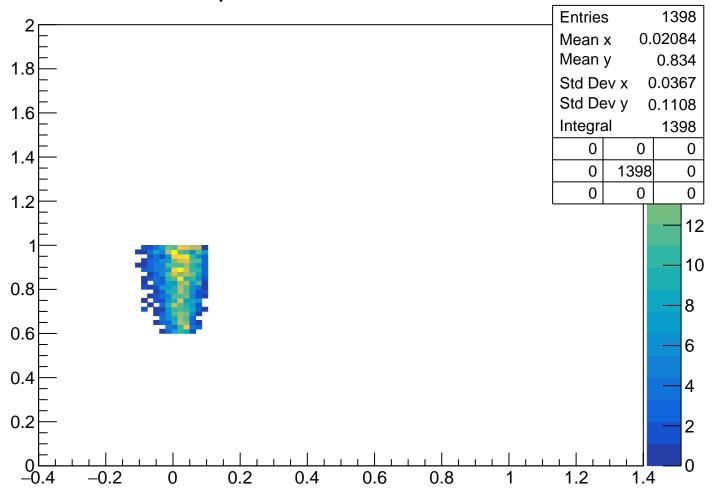
pKurama % m2

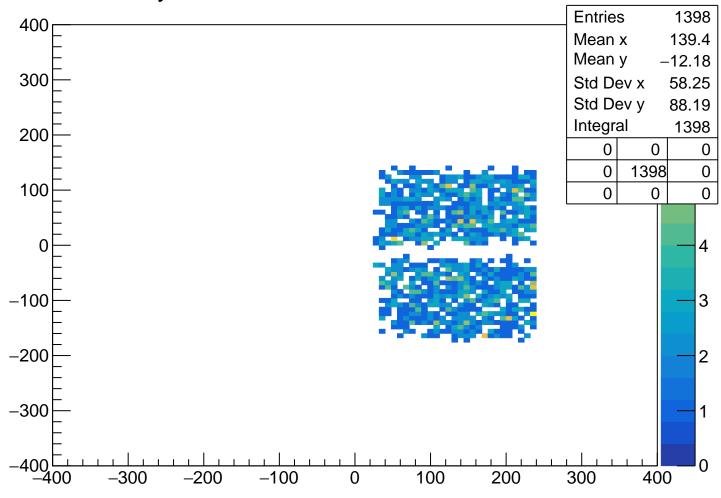


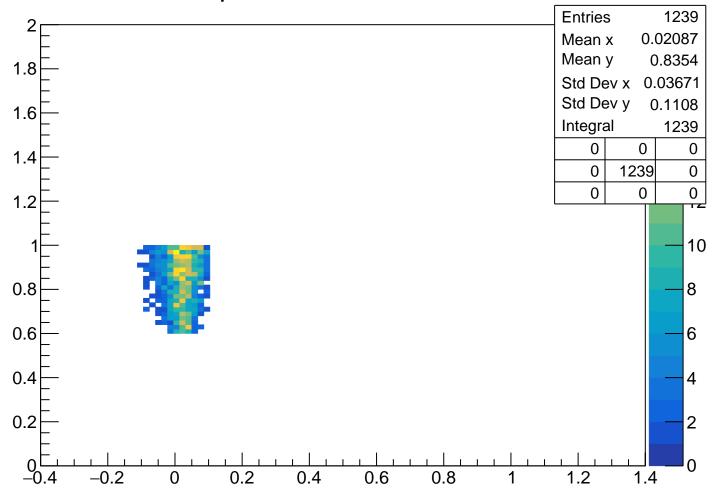


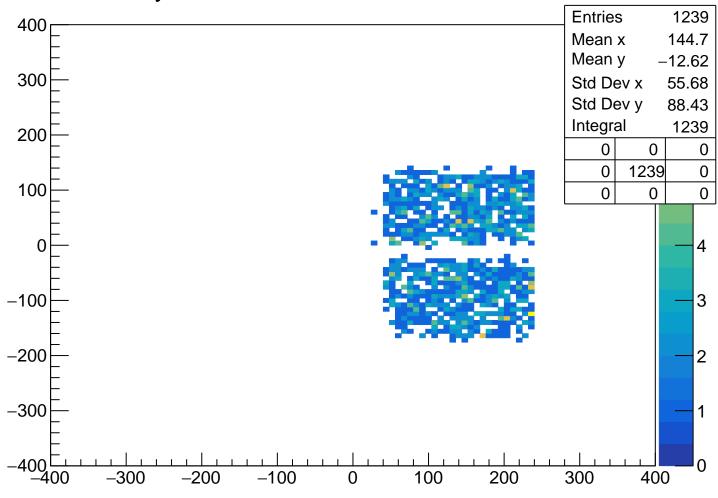




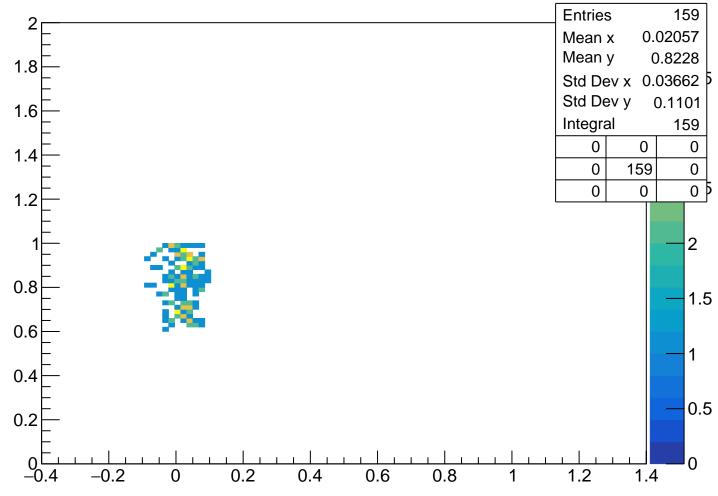


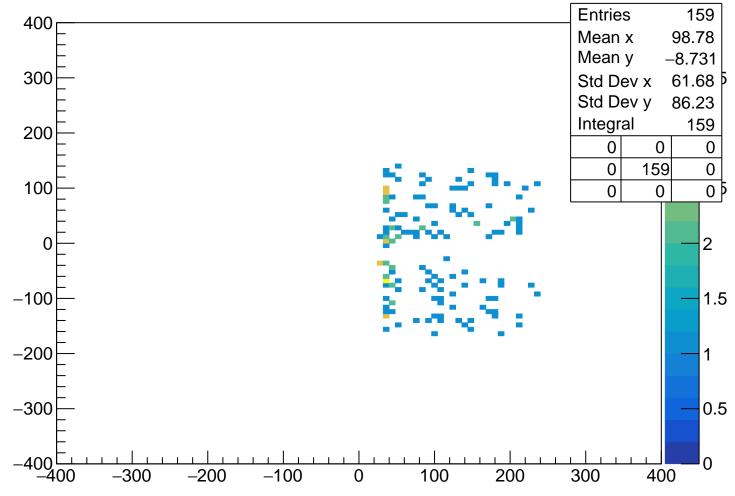


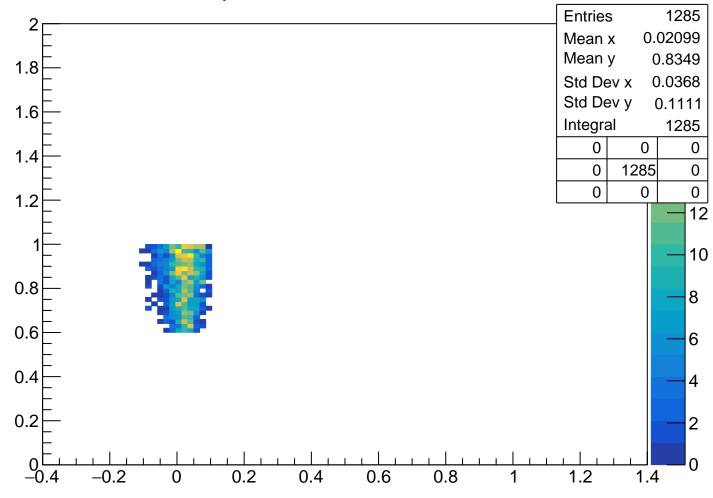


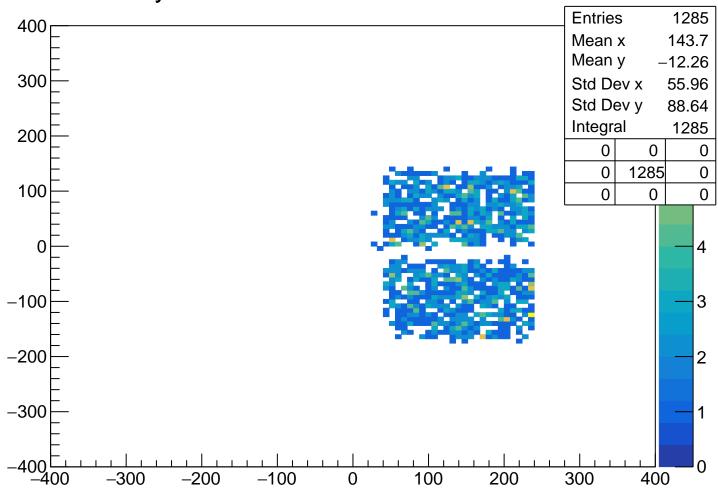


pKurama % m2 Cut Ver 4









pKurama % m2 Cut Ver 5

