ThetaKurama Entries 15.04 Mean Std Dev 7.848 Underflow Overflow Integral

pKurama 72161 **Entries** 0.8682 Mean Std Dev 0.2649 2500 Underflow 0 Overflow 3746 2000 Integral 6.842e+04 1500 1000 500

1.2

1.4

1.6

1.8

0,

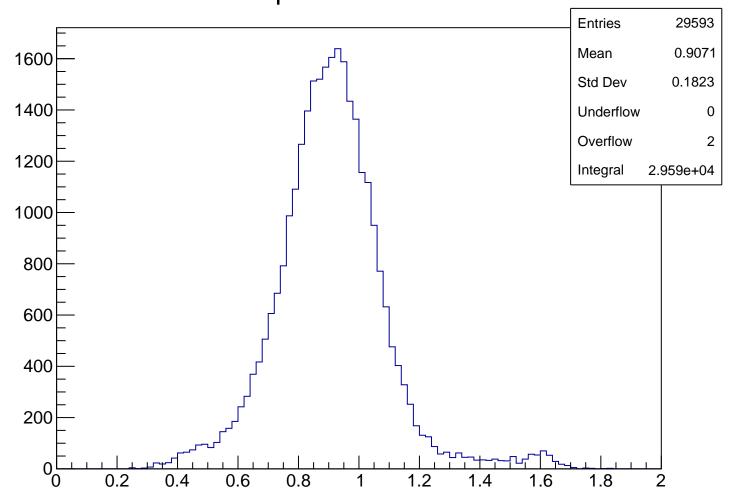
0.2

0.4

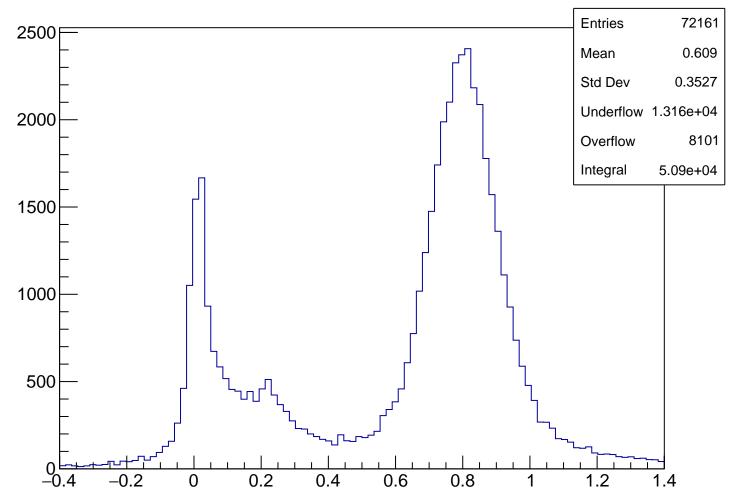
0.6

8.0

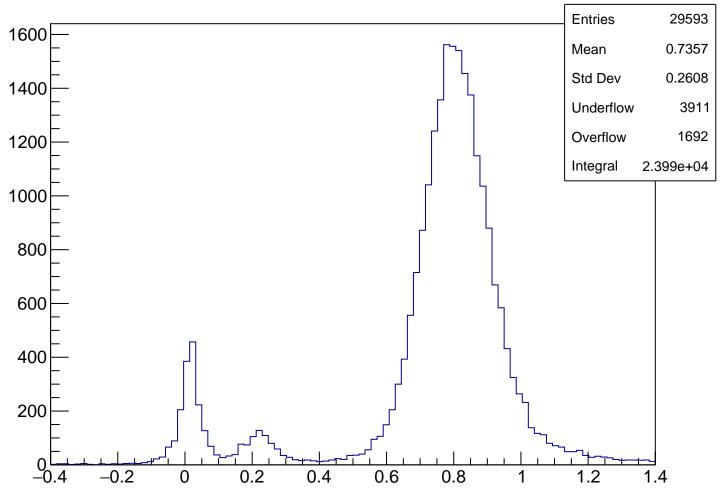
pKurama Cut1



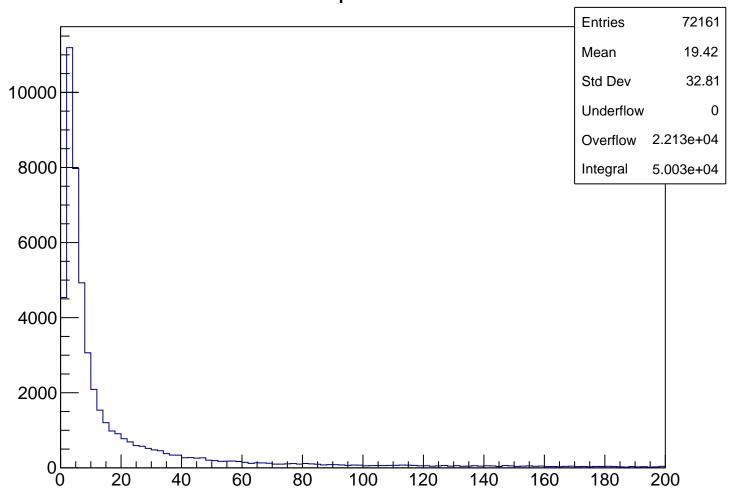




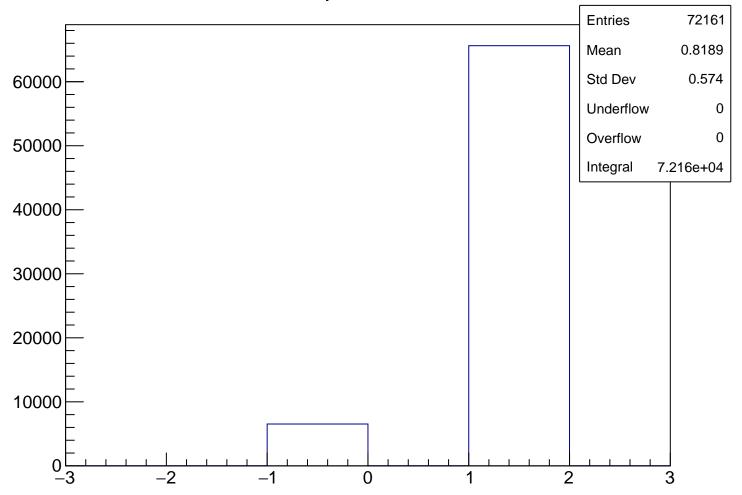
m2 Cut1



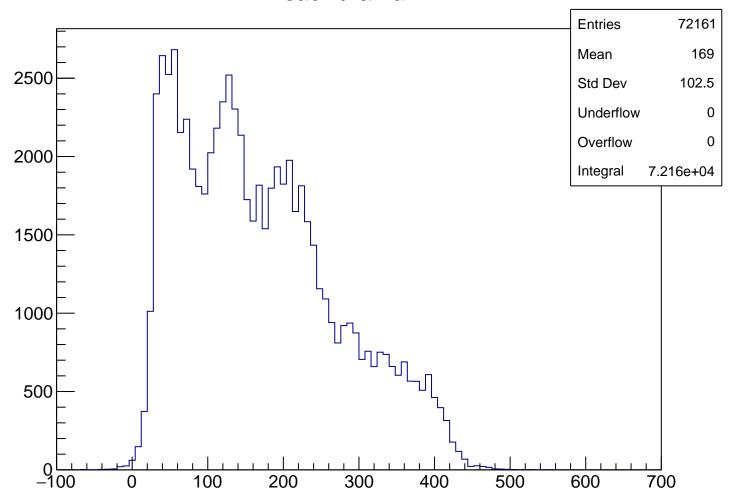
chisqrKurama



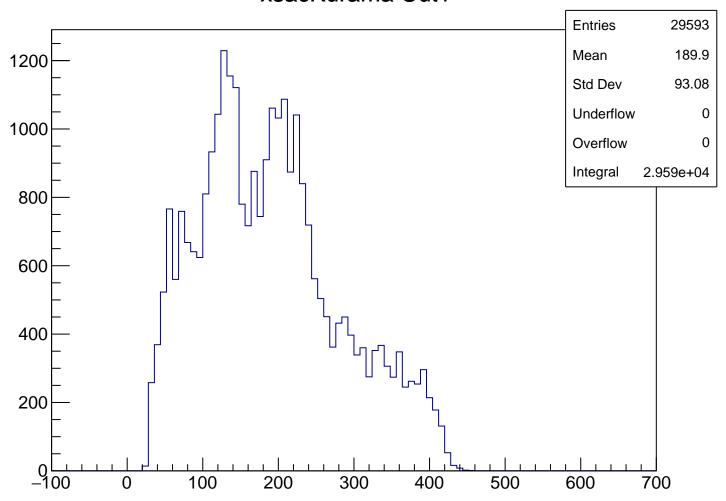
qKurama



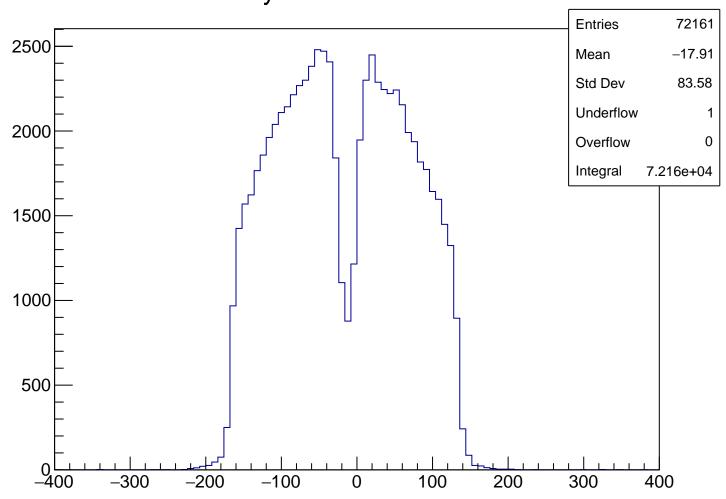
xsacKurama



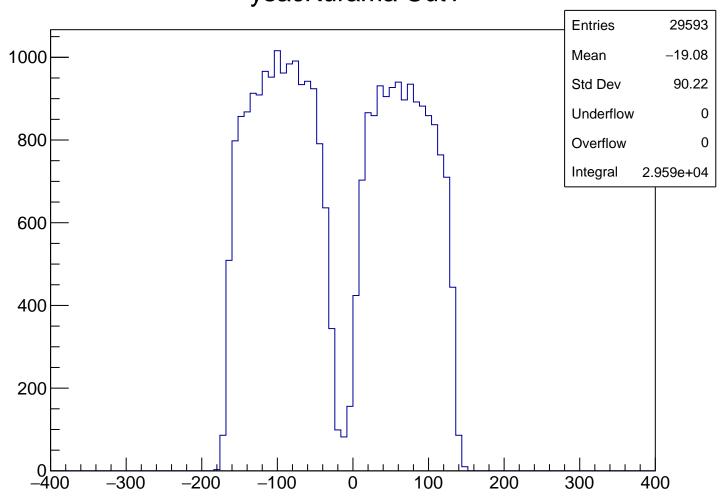
xsacKurama Cut1



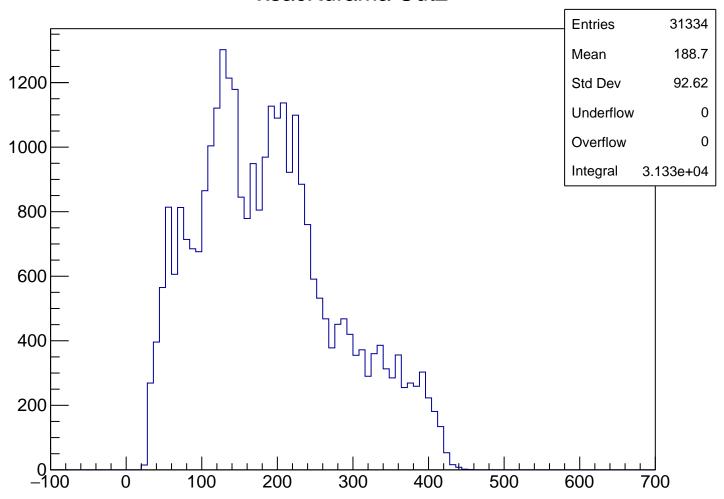
ysacKurama



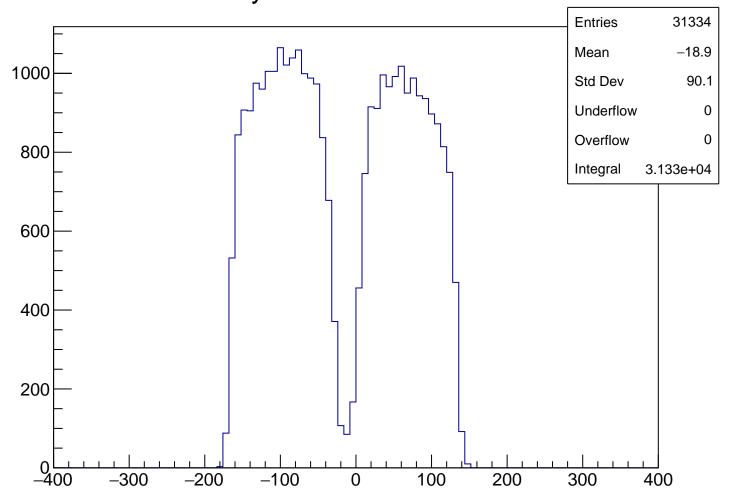
ysacKurama Cut1

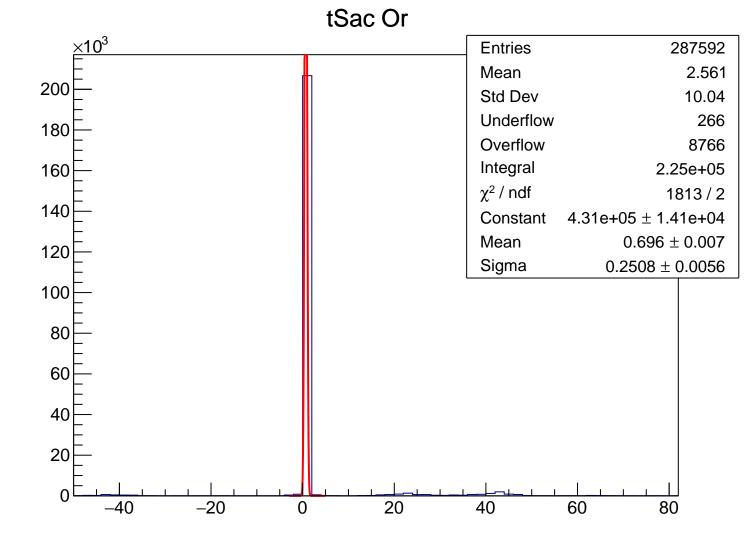


xsacKurama Cut2

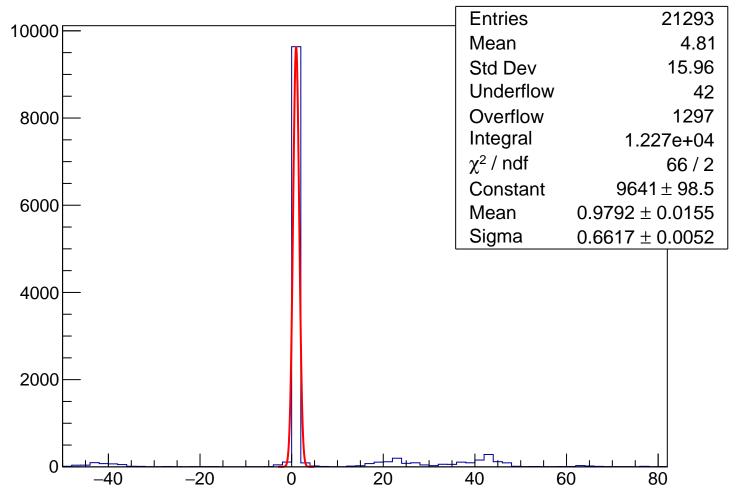


ysacKurama Cut2

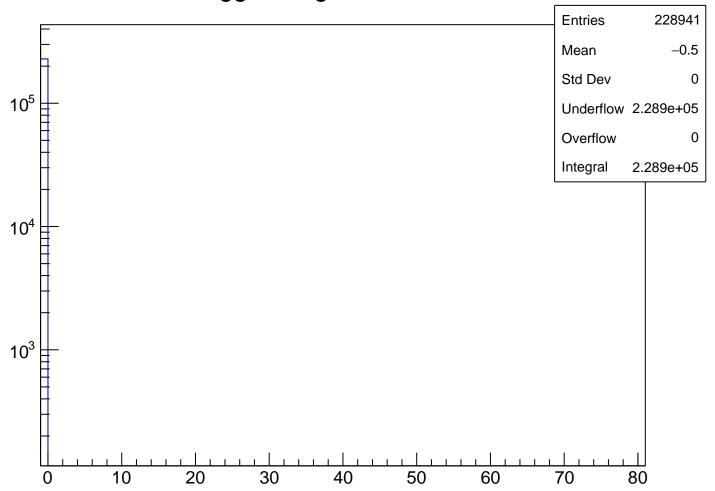




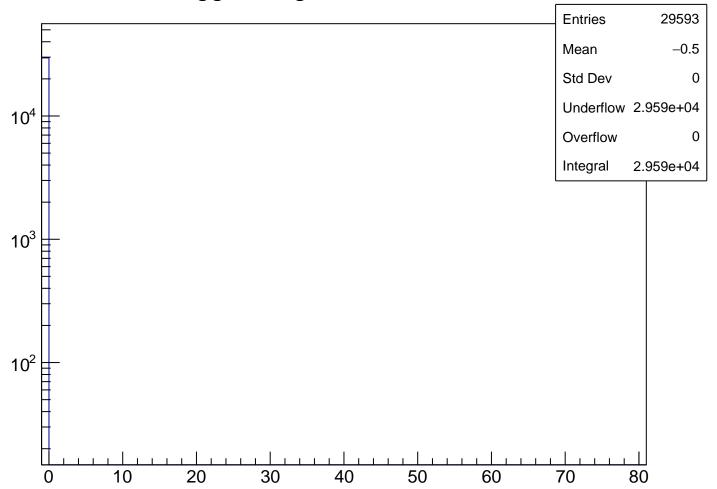
tSac Or Cut2



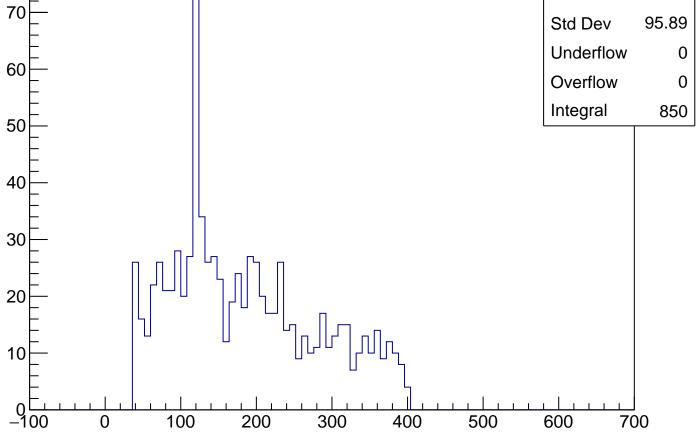
Trigger Flag BeamTofPs



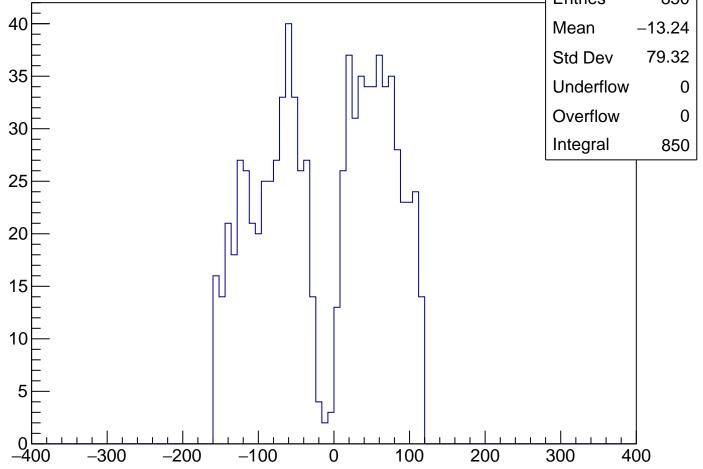
Trigger Flag BeamTofPs Cut2



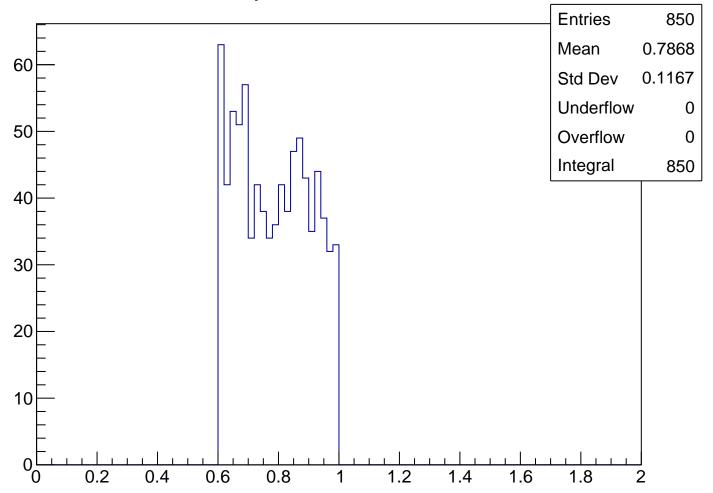
xsacKurama Cut3 **Entries** 850 Mean 185.1 70 95.89 Std Dev Underflow 0 60 Overflow 0 Integral 850 50 40 30



ysacKurama Cut3 **Entries** 850 -13.24Mean 79.32 Std Dev Underflow 0 Overflow 0 Integral 850



pKurama Cut3



m2 Cut3 **Entries** 850 Mean 0.01233 160 0.03806 Std Dev Underflow 0 140 Overflow 0 Integral 850 120 100 80 60 40 20 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

tSac Or Cut4 **Entries** 155 Mean 1.503 4.162 Std Dev Underflow 50 Overflow Integral 155 χ^2 / ndf 0.6556 / 2 40 58.32 ± 6.07 Constant Mean 0.4699 ± 0.1729 Sigma 1.938 ± 0.128 30 20 10 0 -40 -20 20 40 60 80

xsacKurama Cut4 **Entries** Mean 217.8 94.37 Std Dev Underflow Overflow Integral -100

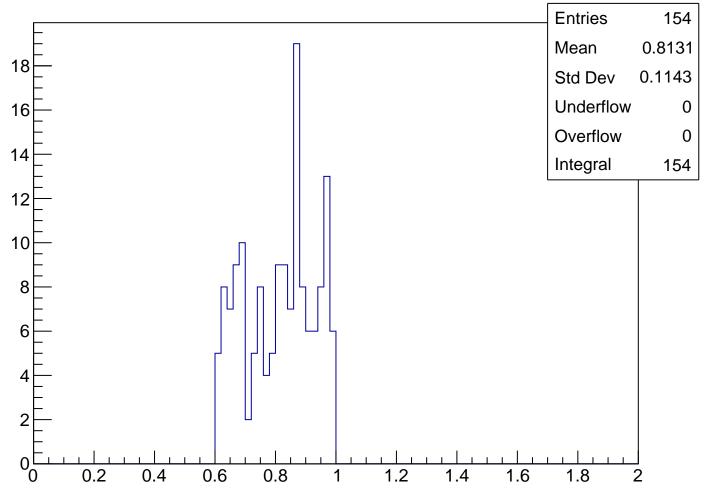
ysacKurama Cut4 **Entries** 154 10 -27.65Mean 90.03 Std Dev Underflow 0 8 Overflow 0 Integral 154 6 4 2 -300 -200 -100100 200

-400

300

400

pKurama Cut4



m2 Cut4 154 **Entries** Mean 0.01325 Std Dev 0.04078 25 Underflow 0 Overflow 0 20 Integral 154 15 10

5

0 -0.4

-0.2

0

0.2

0.4

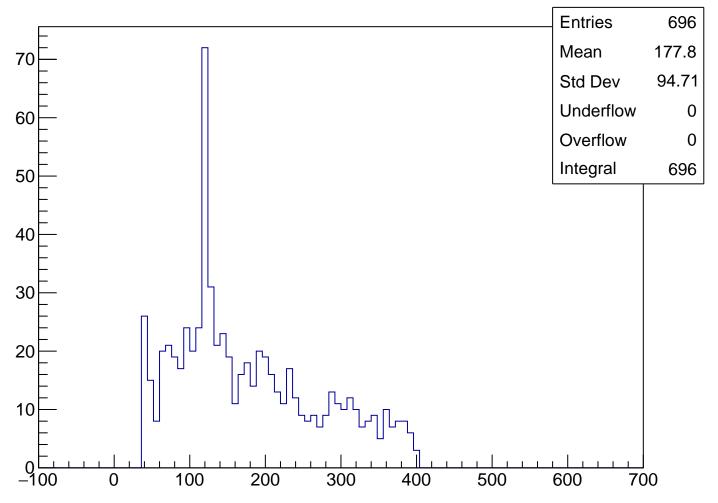
0.6

8.0

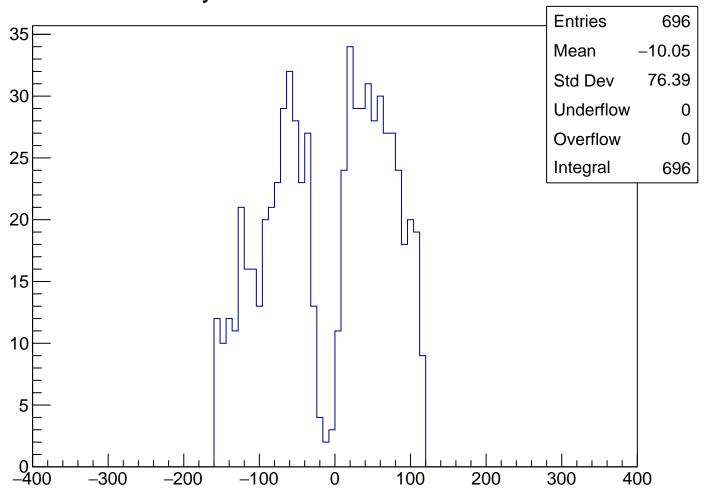
1.2

1.4

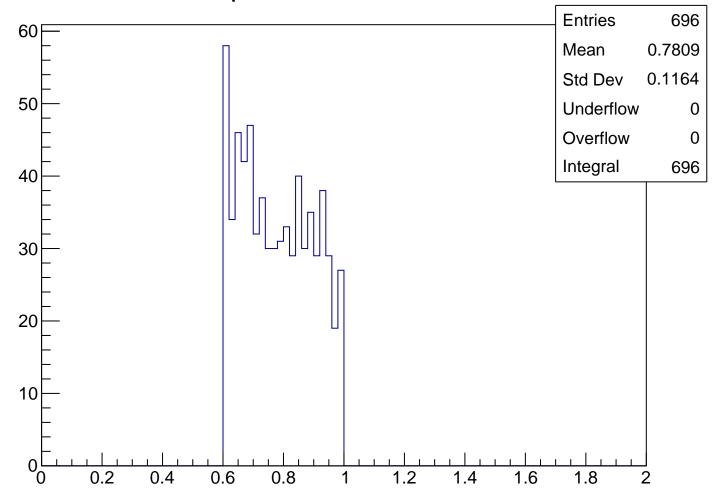
xsacKurama Cut Ver 4



ysacKurama Cut Ver 4



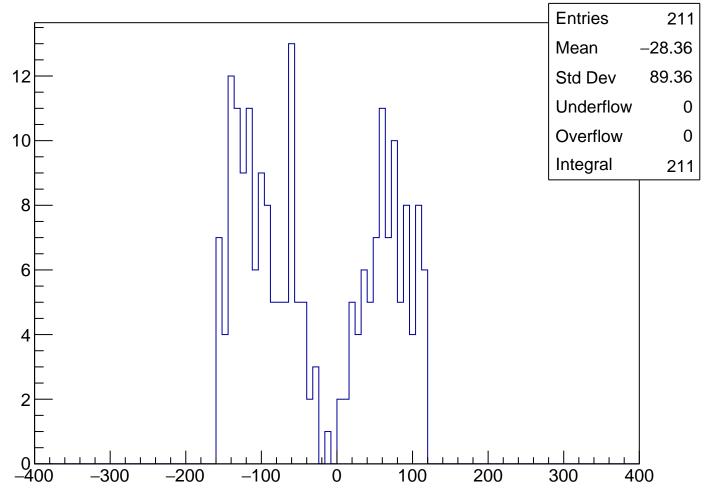
pKurama Cut Ver 4



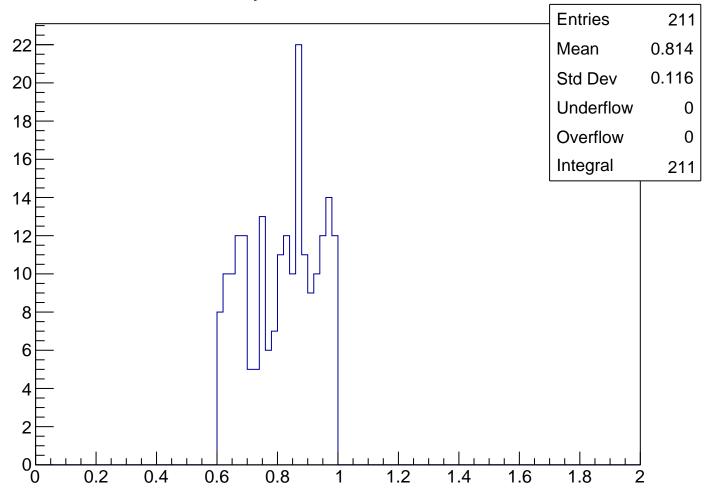
m2 Cut Ver 4 696 **Entries** 0.01213 Mean 140 Std Dev 0.03743 Underflow 0 120 Overflow 0 Integral 696 100 80 60 40 20 0 -0.4 0.2 -0.20 0.4 0.6 8.0 1.2 1.4

xsacKurama Cut5 **Entries** 211.8 Mean 94.92 Std Dev Underflow Overflow Integral -100

ysacKurama Cut5

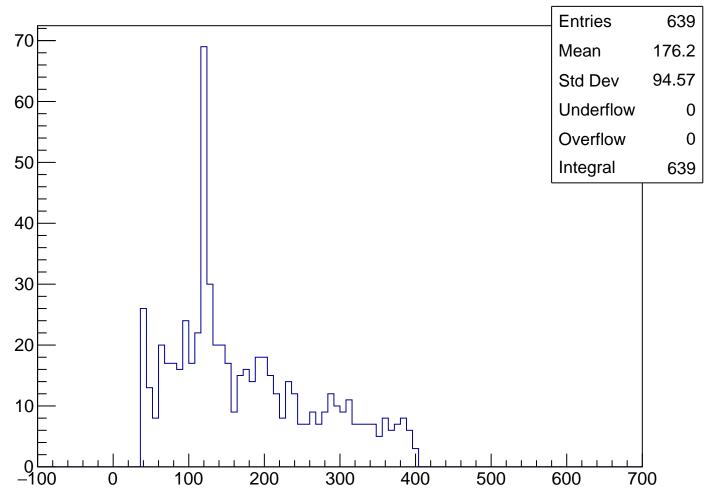


pKurama Cut5

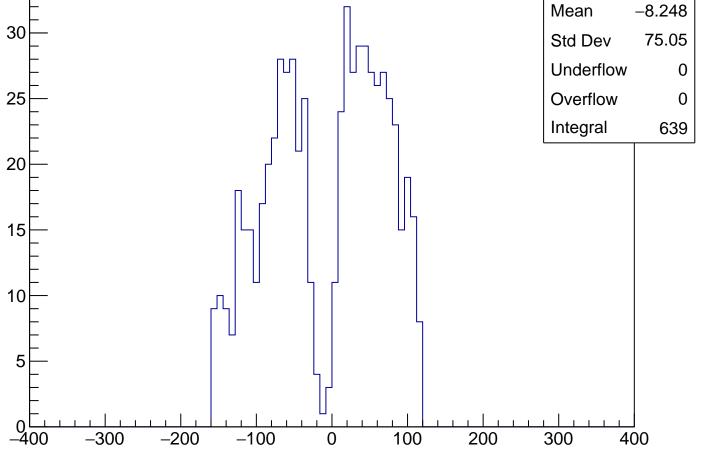


m2 Cut5 **Entries** 211 40 Mean 0.01349 Std Dev 0.04038 35 Underflow 0 Overflow 0 30 Integral 211 25 20 15 10 5 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

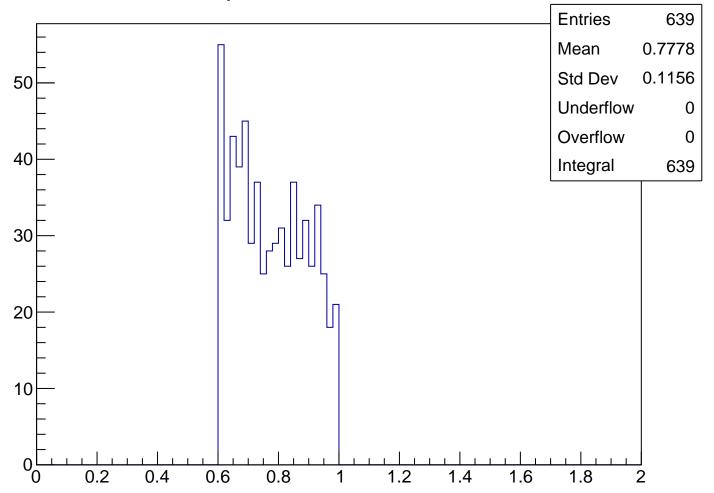
xsacKurama Cut Ver 5



ysacKurama Cut Ver 5 **Entries** 639 -8.248Mean 75.05 Std Dev Underflow 0 Overflow 0 Integral 639



pKurama Cut Ver 5



m2 Cut Ver 5 639 **Entries** 0.01195 Mean Std Dev 0.03725 120 Underflow 0 Overflow 0 100 Integral 639 80 60 40 20 0 -0.4

0.2

0.4

0.6

8.0

1.2

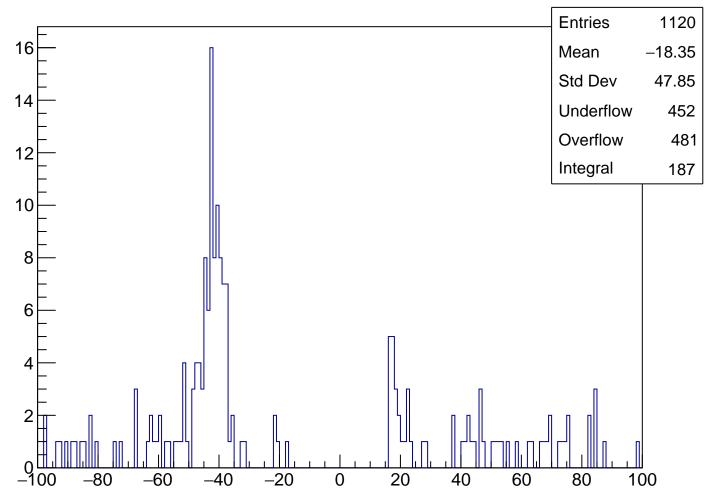
1.4

-0.2

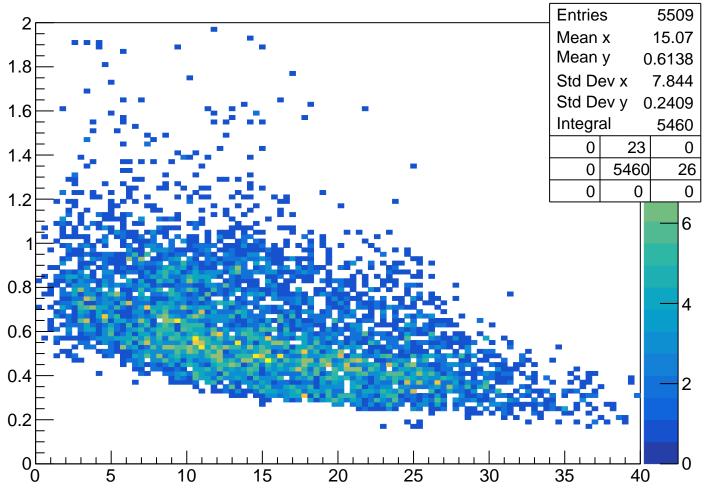
0

tSac Or Cut5 **Entries** 214 Mean 1.565 Std Dev 4.172 Underflow 0 Overflow Integral 214 χ^2 / ndf 3.431 / 4 Constant 43.15 ± 4.06 10 Mean 0.3154 ± 0.1595 Sigma 1.821 ± 0.146 -2020 40 60 80 -40

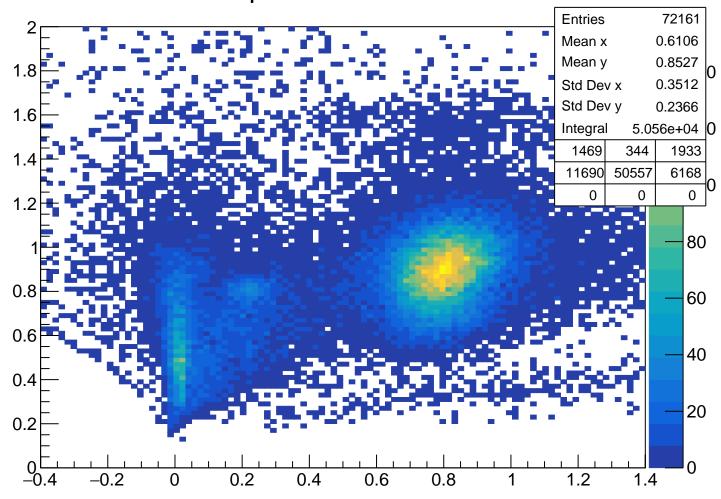
tSac Or Cut Ver 5

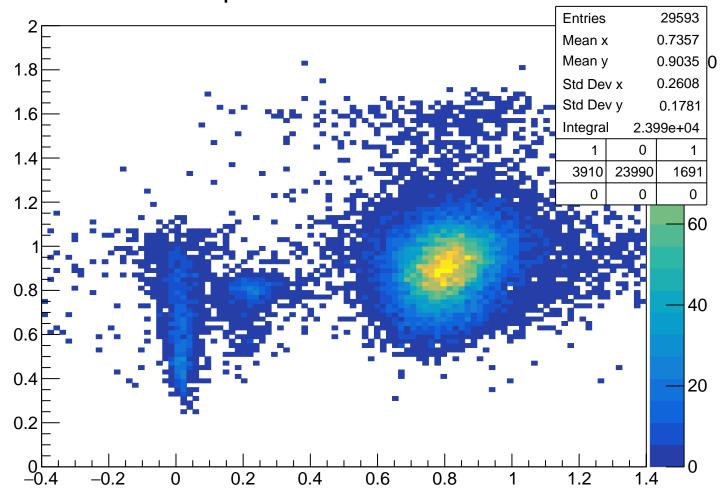


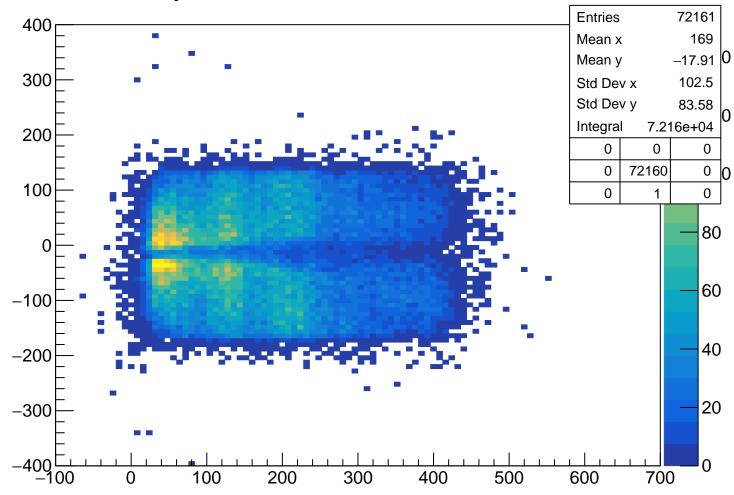
pKurama % ThetaKurama

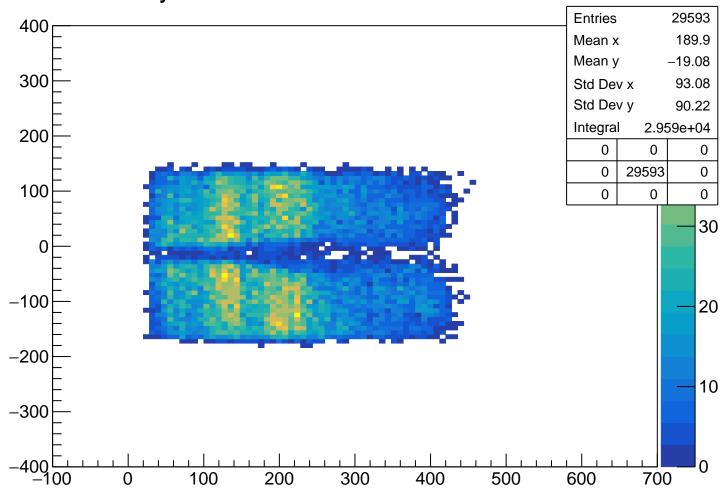


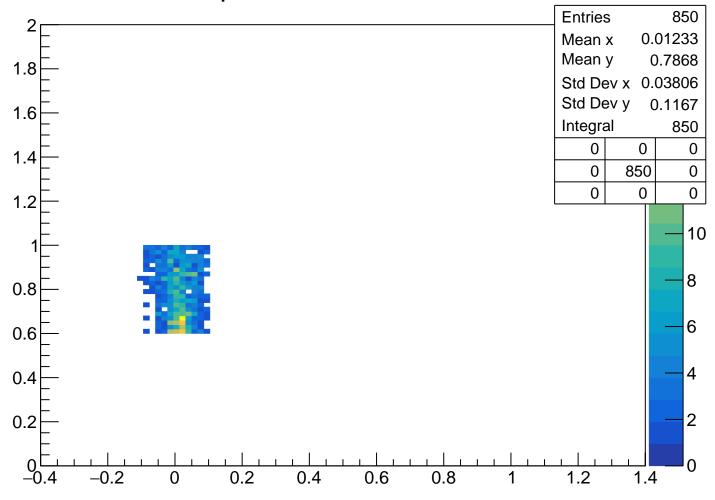
pKurama % m2

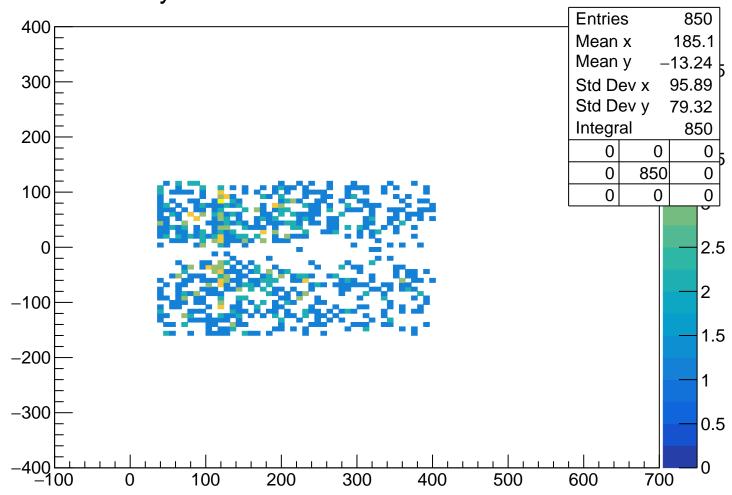


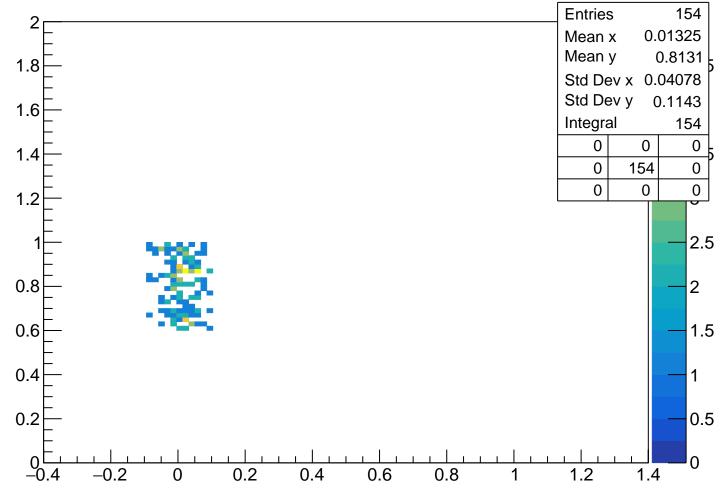


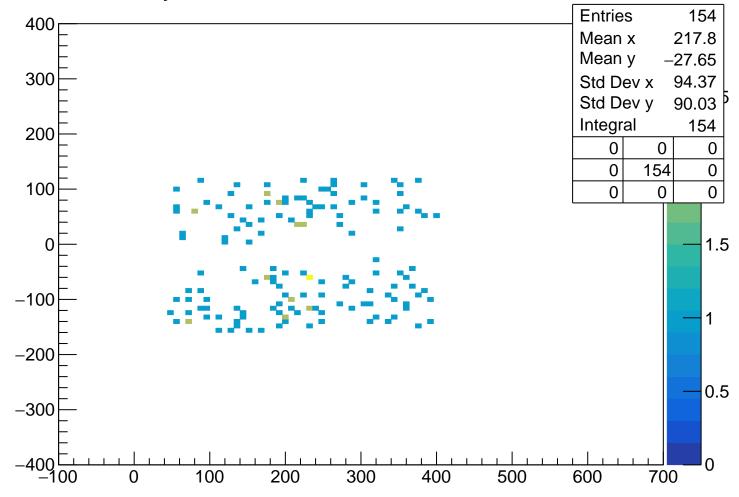




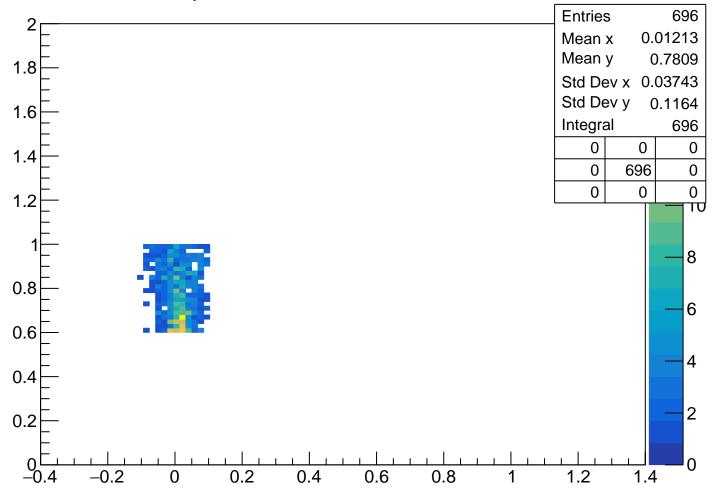


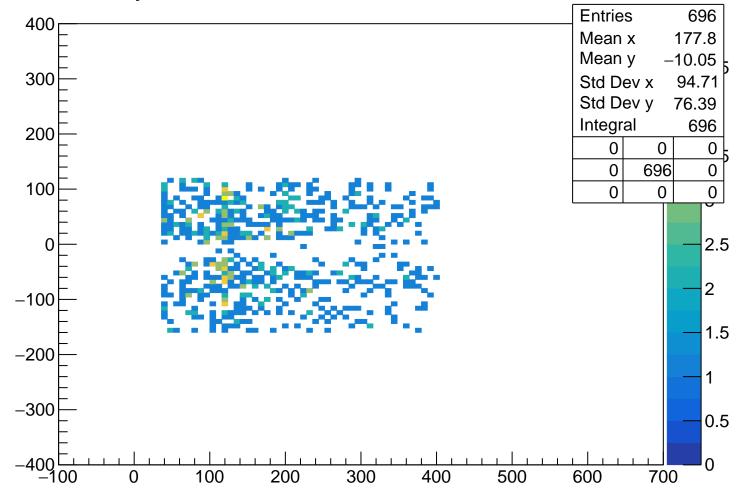


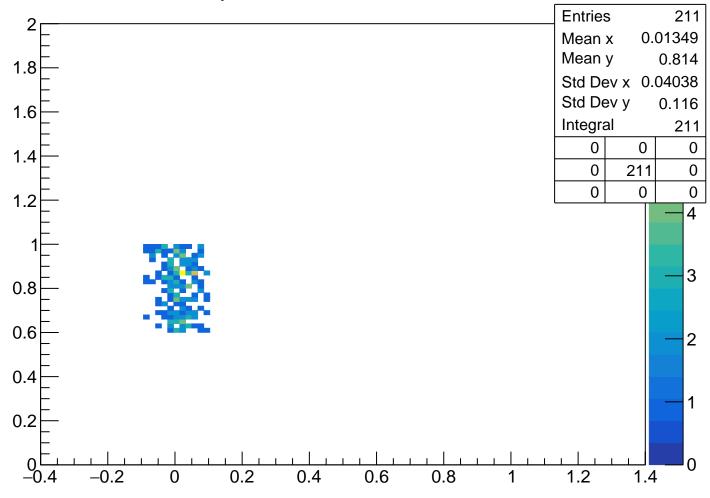


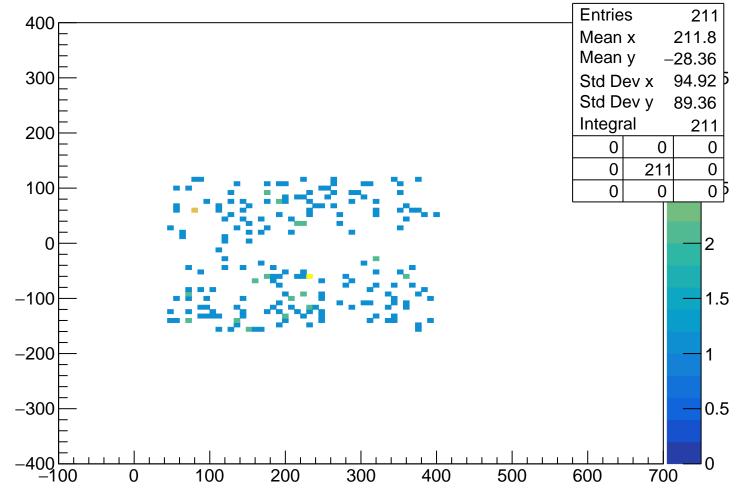


pKurama % m2 Cut Ver 4









pKurama % m2 Cut Ver 5

