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,

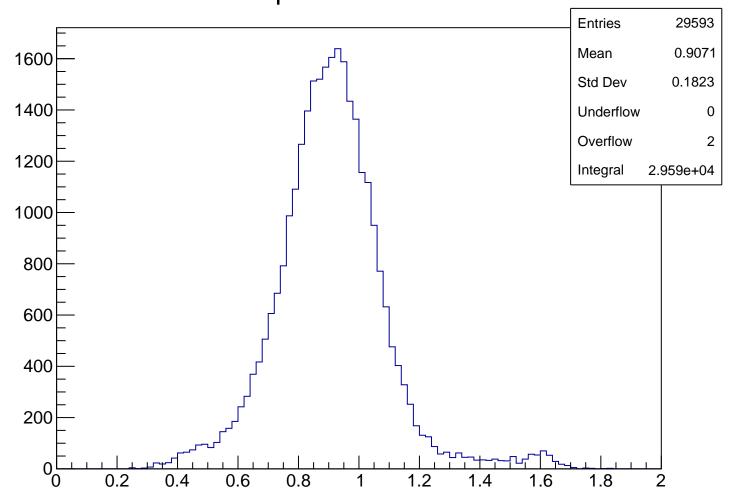
0.2

0.4

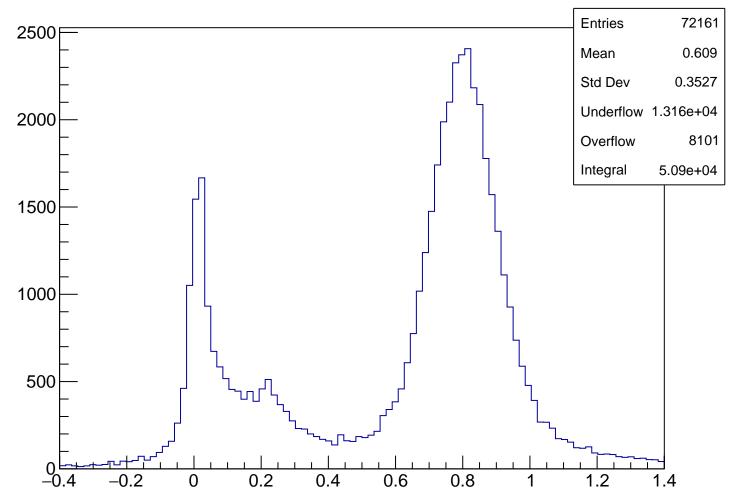
0.6

8.0

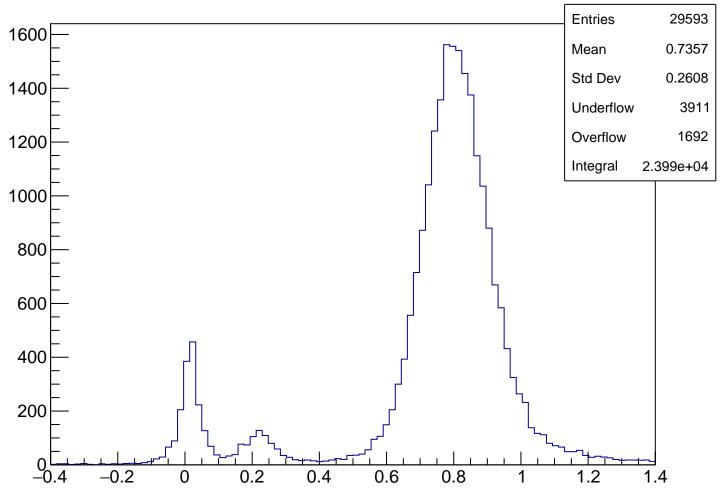
pKurama Cut1



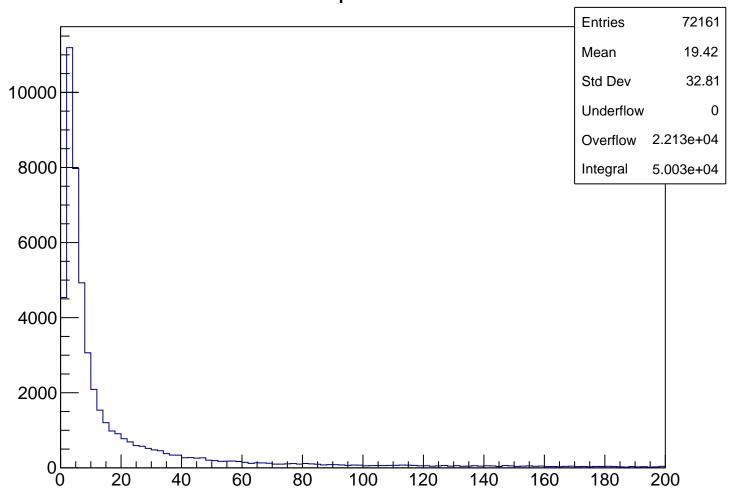




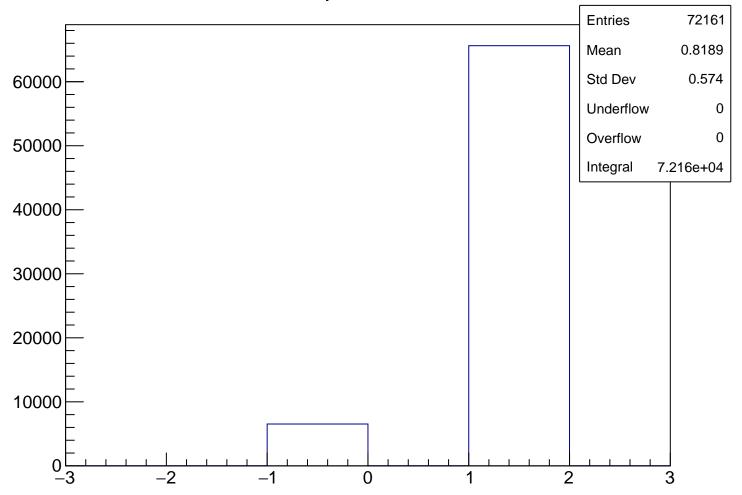
m2 Cut1



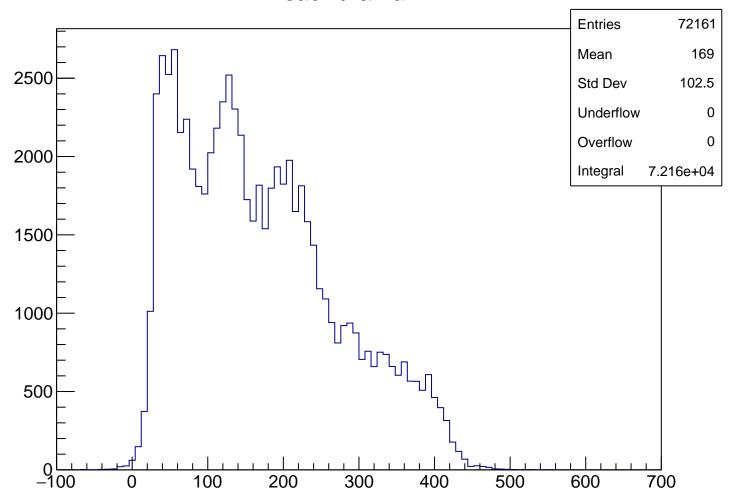
chisqrKurama



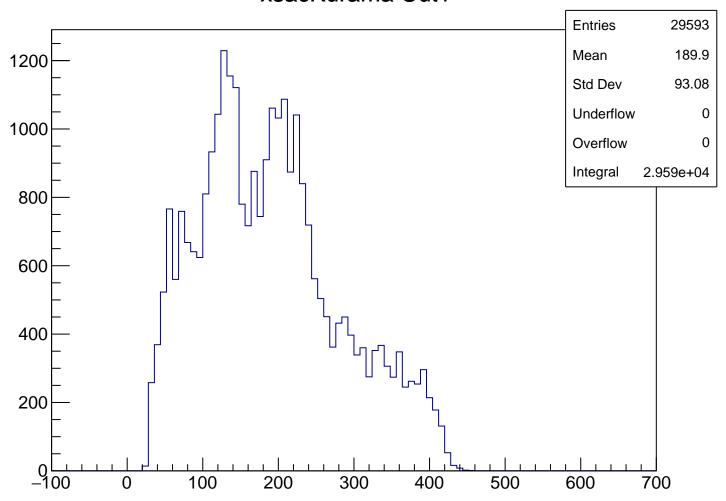
qKurama



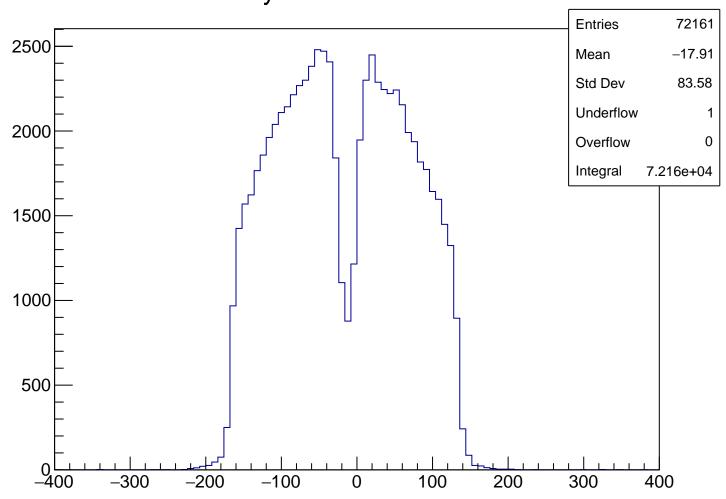
xsacKurama



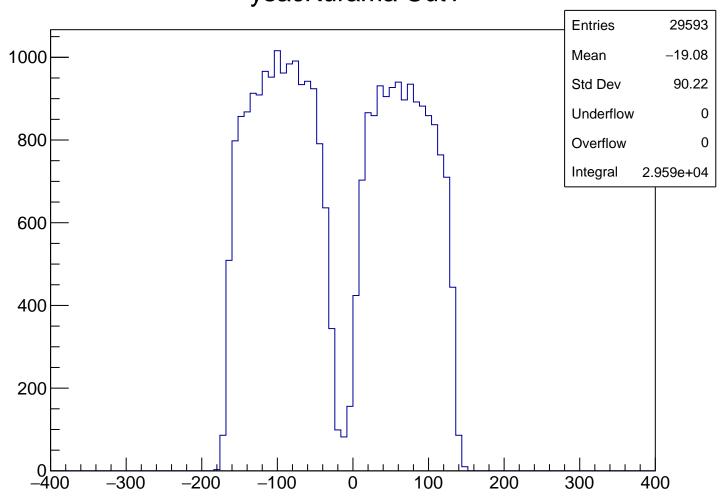
xsacKurama Cut1



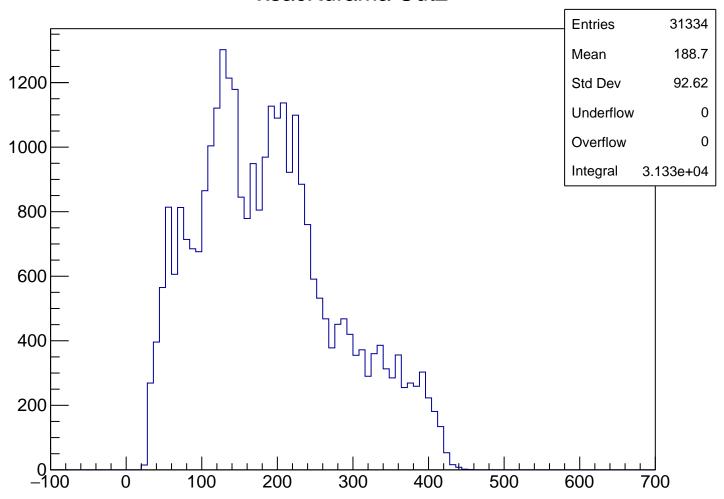
ysacKurama



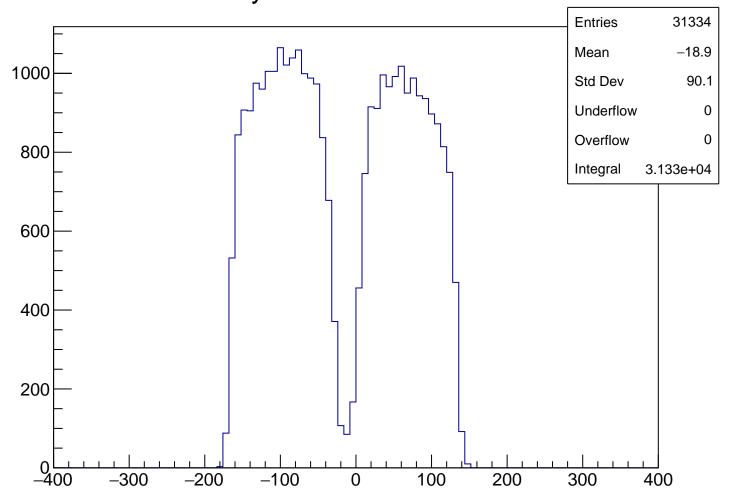
ysacKurama Cut1

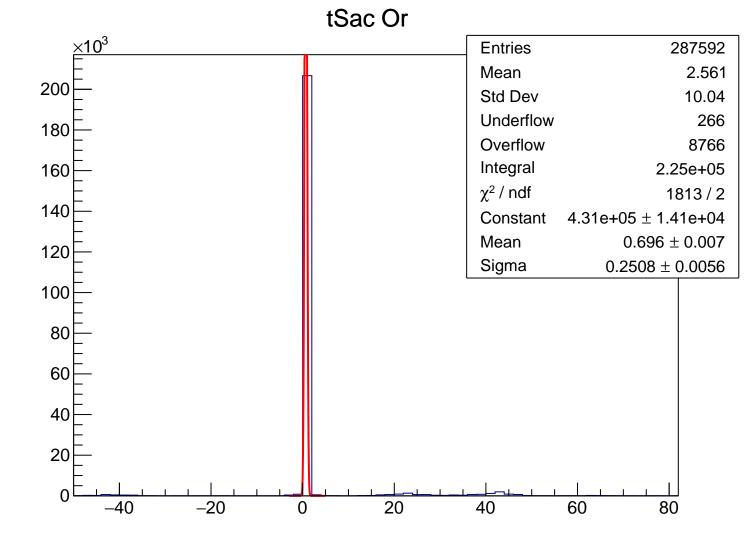


xsacKurama Cut2

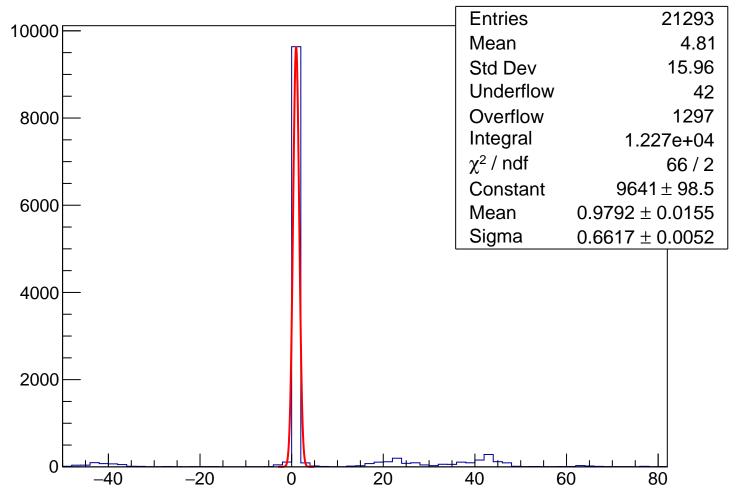


ysacKurama Cut2

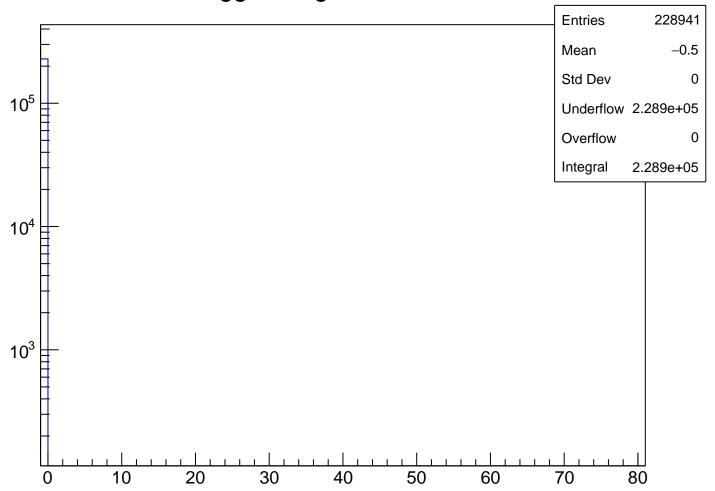




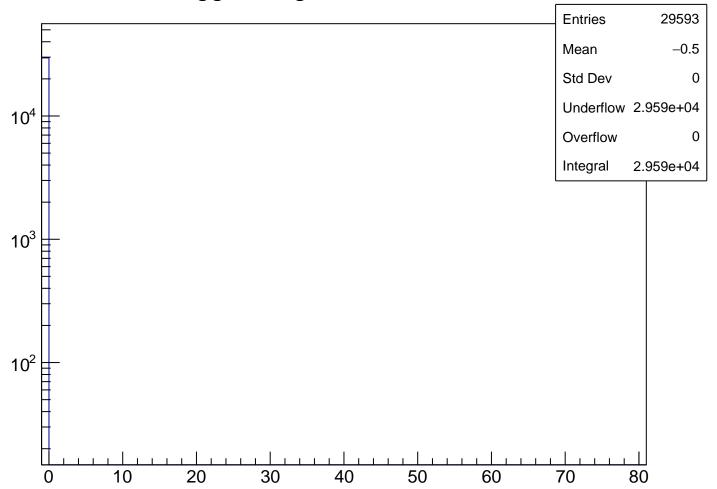
tSac Or Cut2



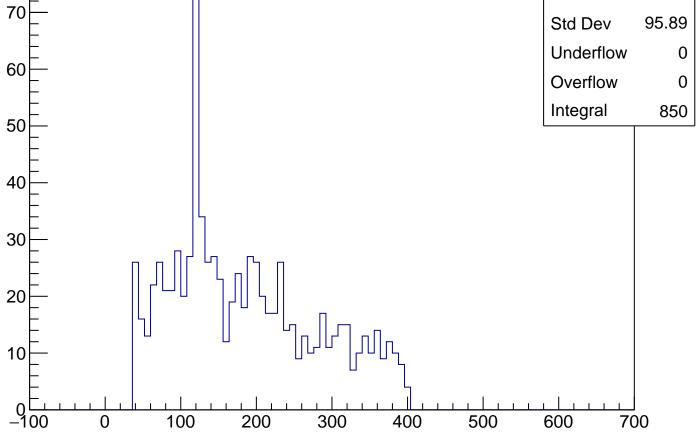
Trigger Flag BeamTofPs



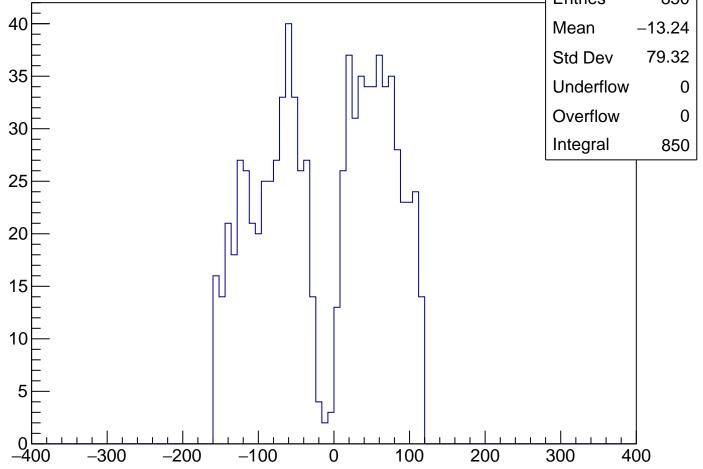
Trigger Flag BeamTofPs Cut2



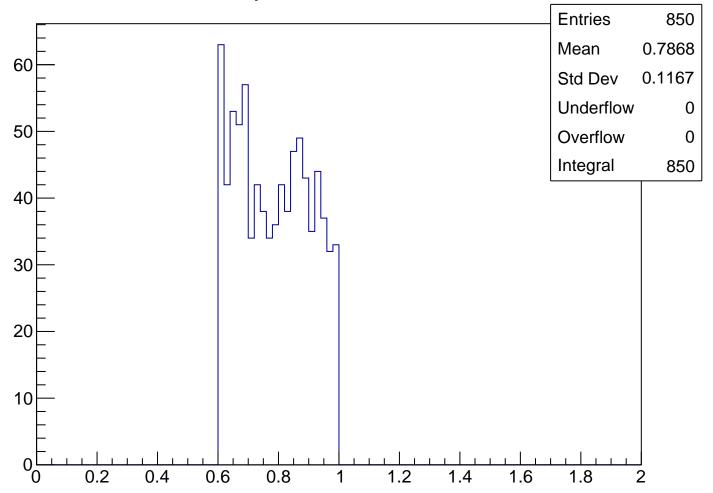
xsacKurama Cut3 **Entries** 850 Mean 185.1 70 95.89 Std Dev Underflow 0 60 Overflow 0 Integral 850 50 40 30



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



pKurama Cut3



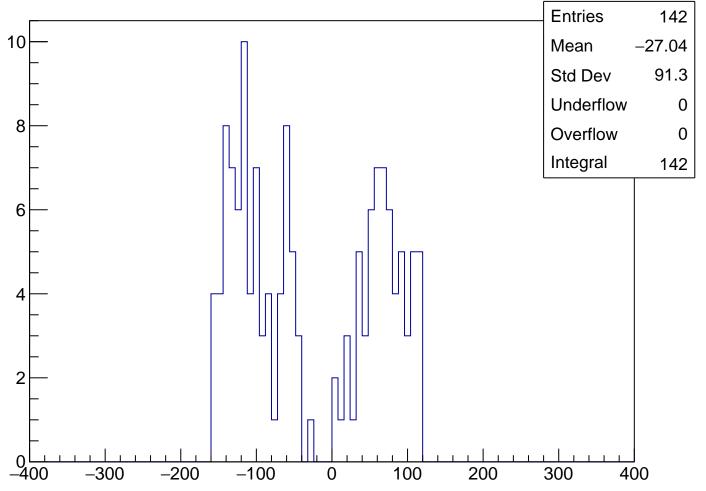
m2 Cut3 **Entries** 850 Mean 0.01233 160 0.03806 Std Dev Underflow 0 140 Overflow 0 Integral 850 120 100 80 60 40 20 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

tSac Or Cut4 **Entries** 142 Mean 0.5775 1.998 Std Dev Underflow 0 50 Overflow Integral 142 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

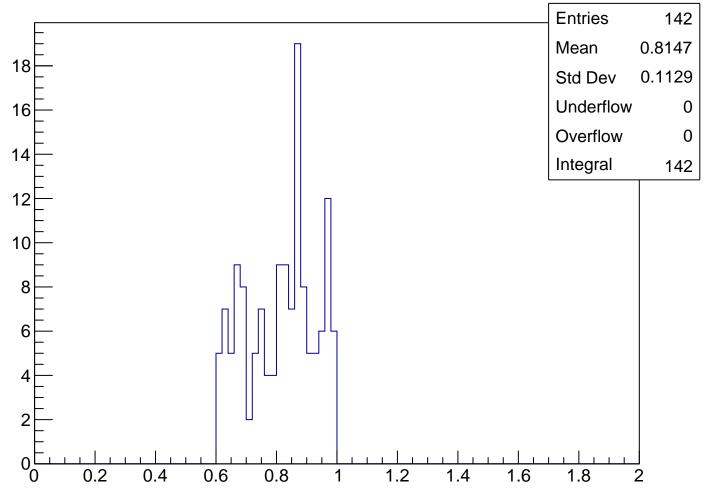
xsacKurama Cut4 **Entries** 216.3 Mean 93.62 Std Dev Underflow Overflow Integral

-100

ysacKurama Cut4

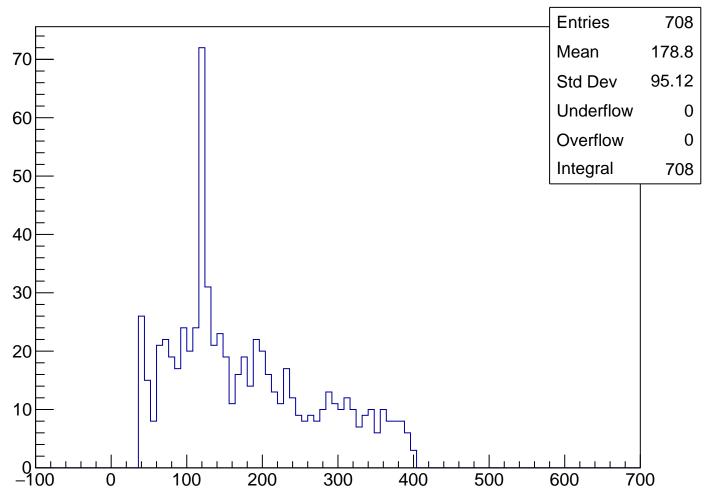


pKurama Cut4

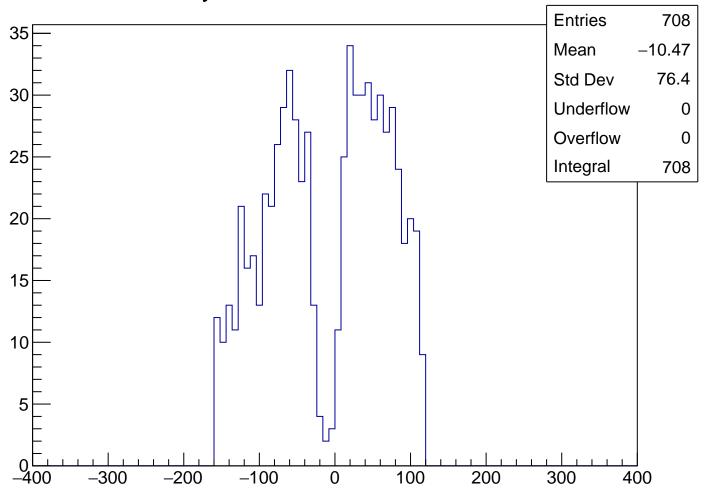


m2 Cut4 **Entries** 142 Mean 0.01335 25 Std Dev 0.04091 Underflow 0 Overflow 0 20 Integral 142 15 10 5 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

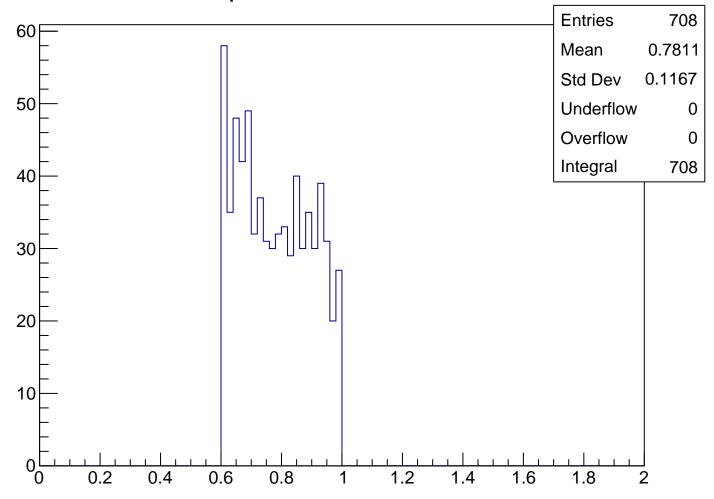
xsacKurama Cut Ver 4



ysacKurama Cut Ver 4



pKurama Cut Ver 4



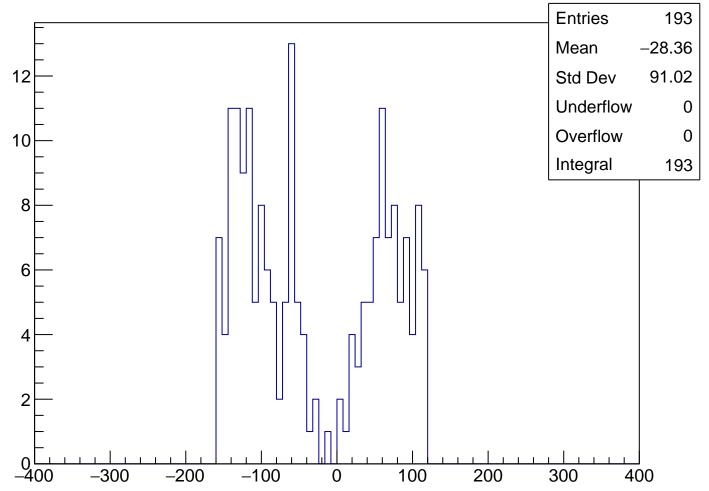
m2 Cut Ver 4 708 **Entries** 0.01213 Mean 140 Std Dev 0.03746 Underflow 0 120 Overflow 0 Integral 708 100 80 60 40 20 0 -0.4 0.2 -0.20.4 0.6 8.0 1.2

1.4

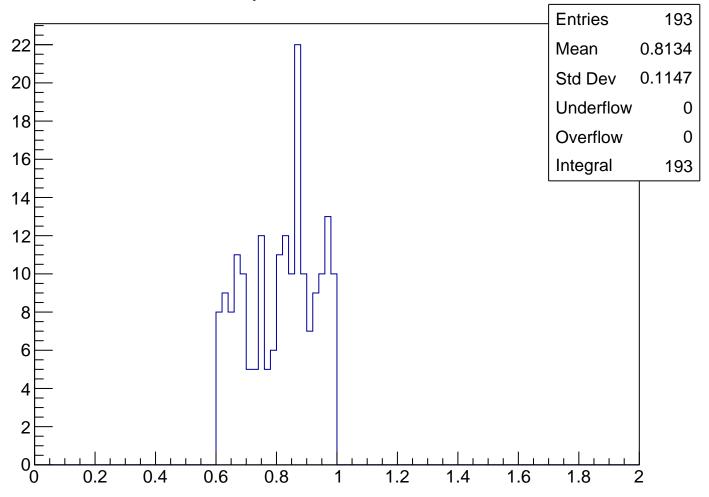
0

xsacKurama Cut5 **Entries** Mean 210.7 94.83 Std Dev Underflow Overflow Integral -100

ysacKurama Cut5

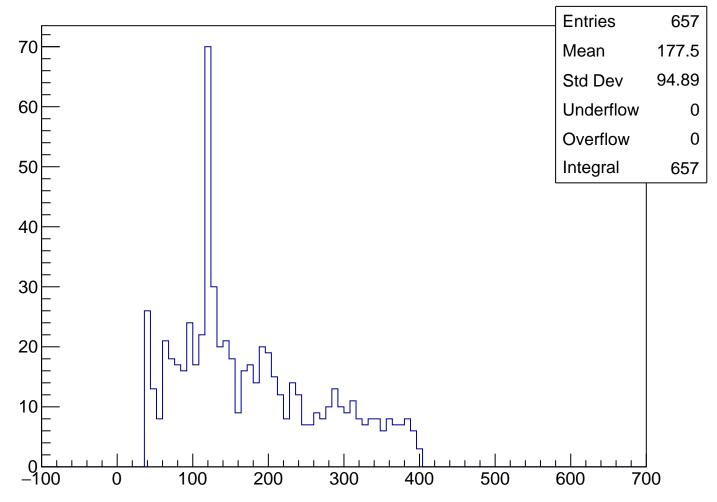


pKurama Cut5

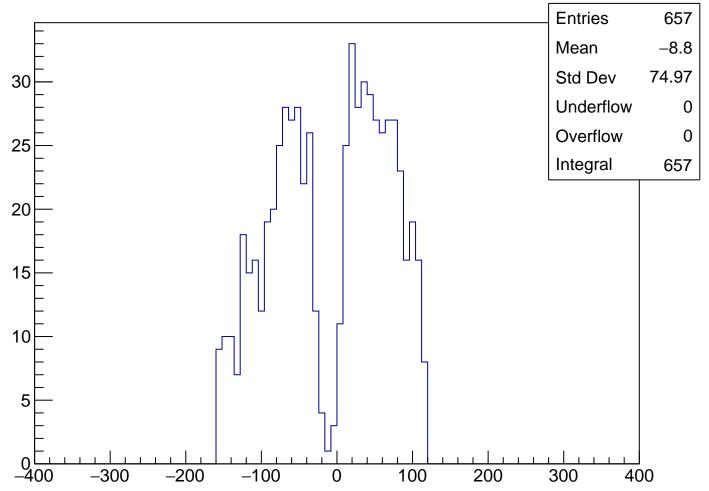


m2 Cut5 193 **Entries** Mean 0.01383 35 Std Dev 0.04019 Underflow 0 30 Overflow 0 Integral 193 25 20 15 10 5 0 −0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

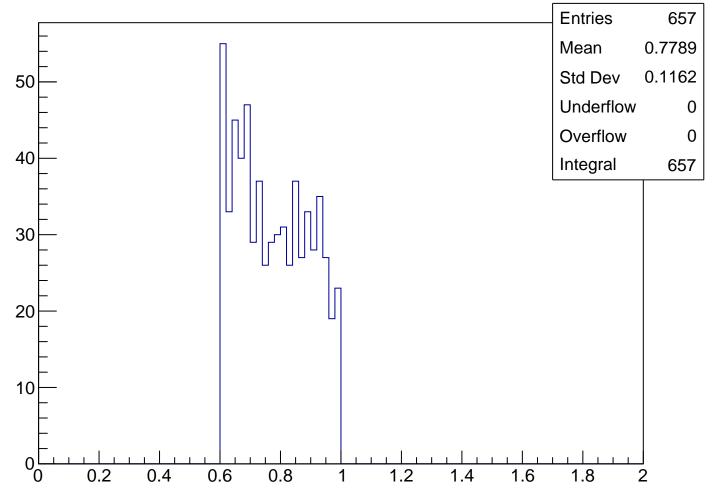
xsacKurama Cut Ver 5



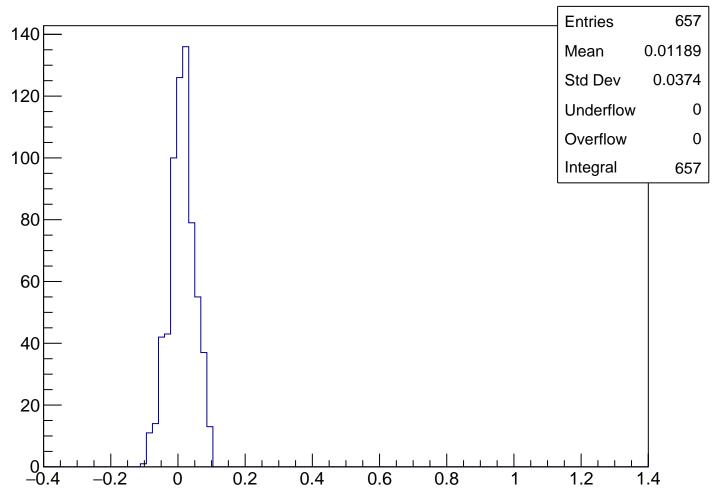
ysacKurama Cut Ver 5



pKurama Cut Ver 5

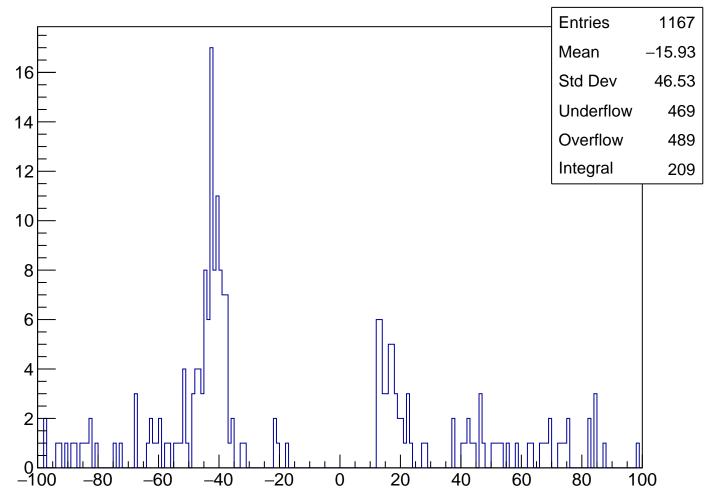


m2 Cut Ver 5

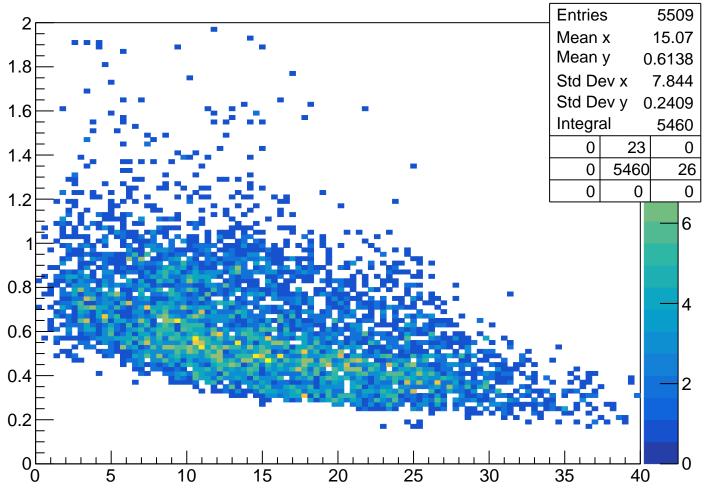


tSac Or Cut5 **Entries** 195 Mean 0.5256 1.799 Std Dev Underflow 0 Overflow Integral 195 χ^2 / ndf 3.431 / 4 43.15 ± 4.06 Constant 10 Mean 0.3154 ± 0.1595 Sigma 1.821 ± 0.146 -2020 40 60 80 -40

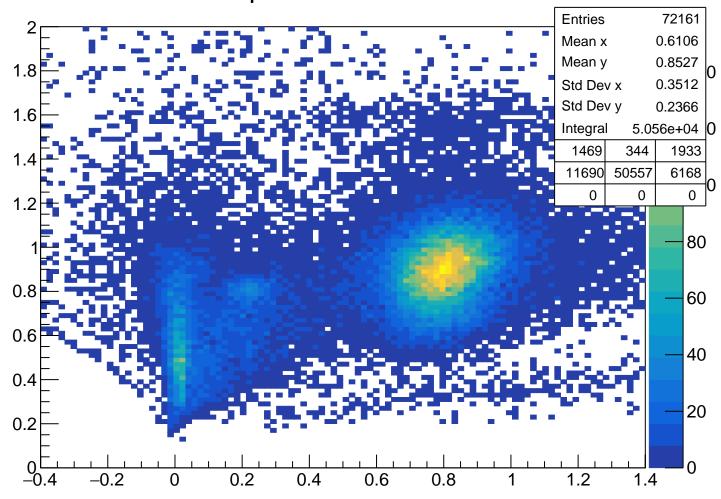
tSac Or Cut Ver 5

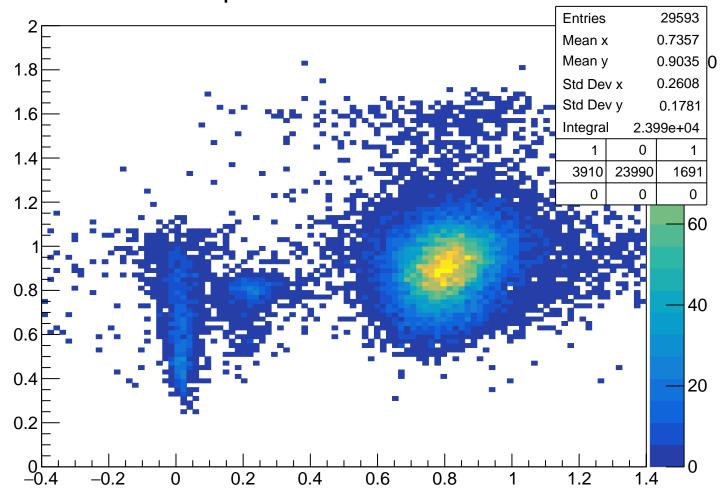


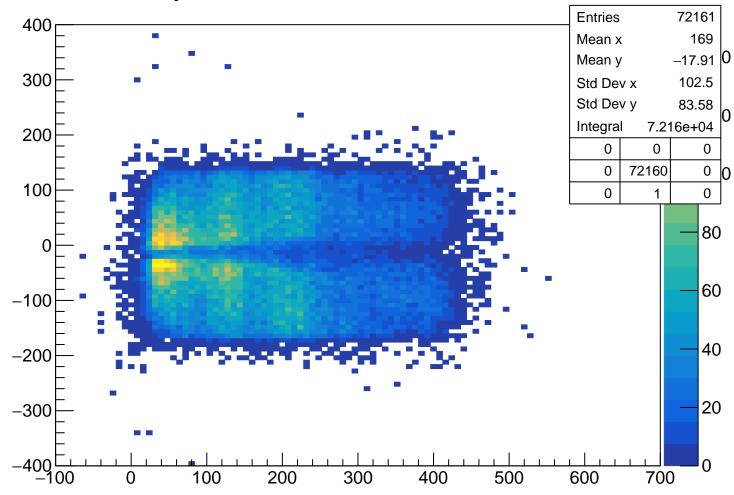
pKurama % ThetaKurama

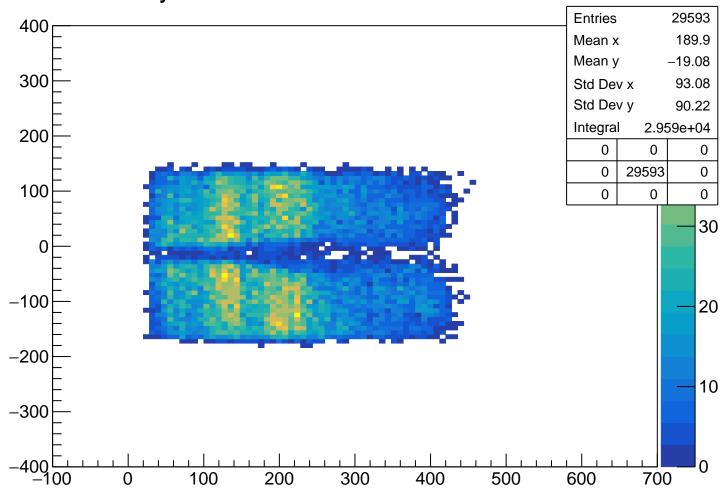


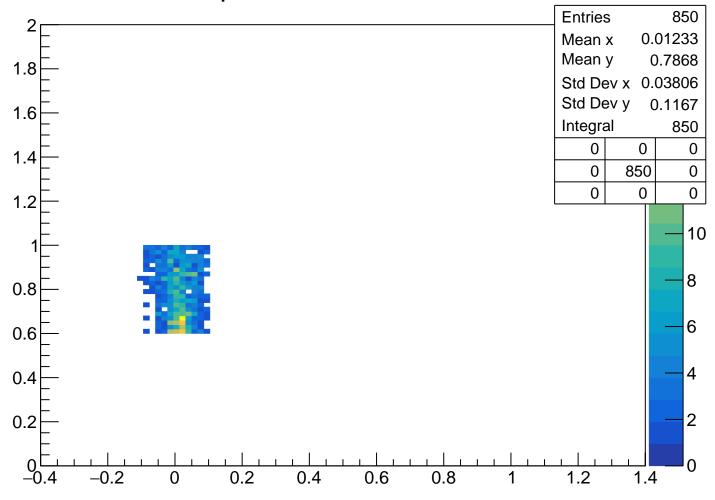
pKurama % m2

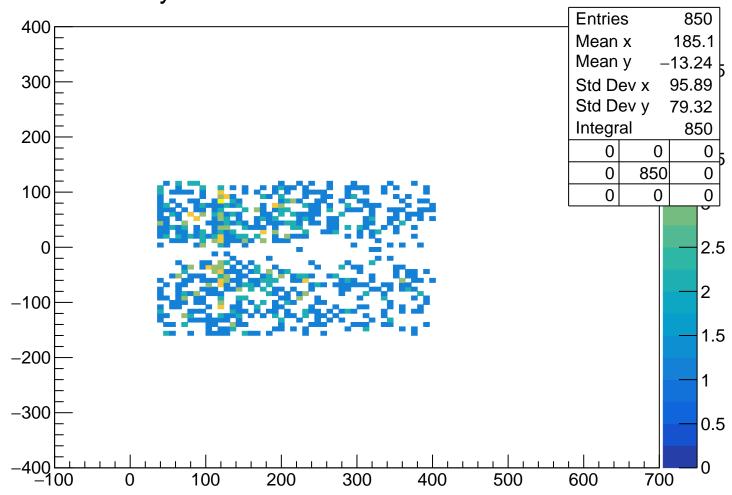


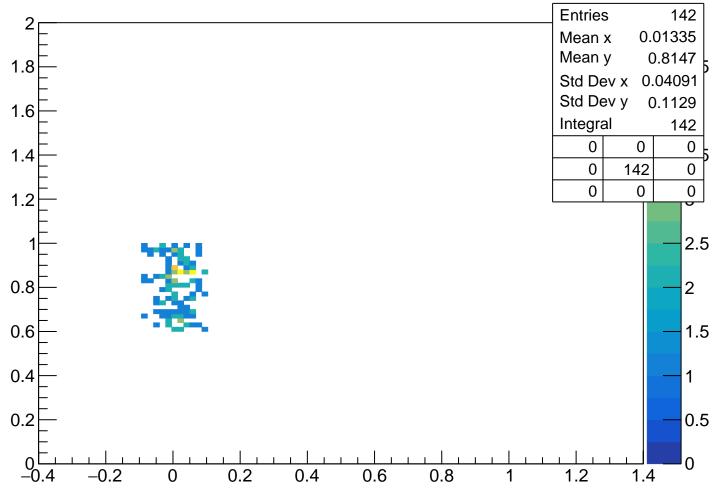


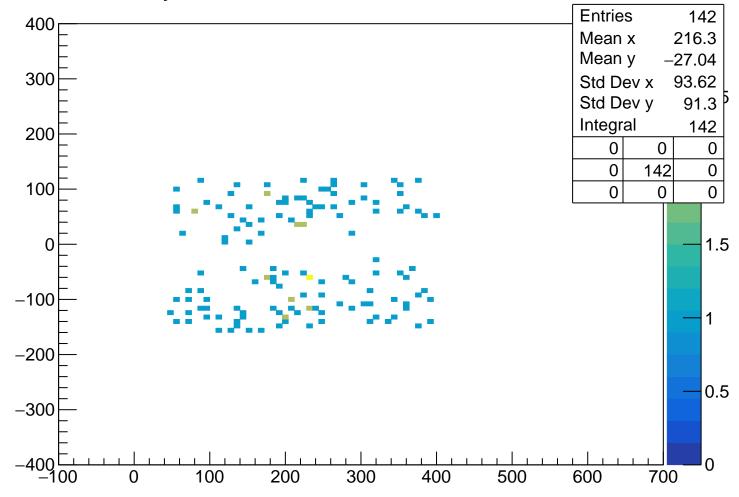




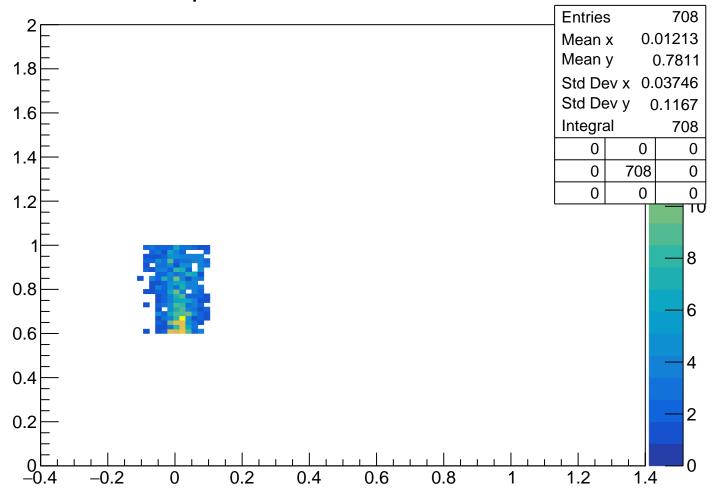


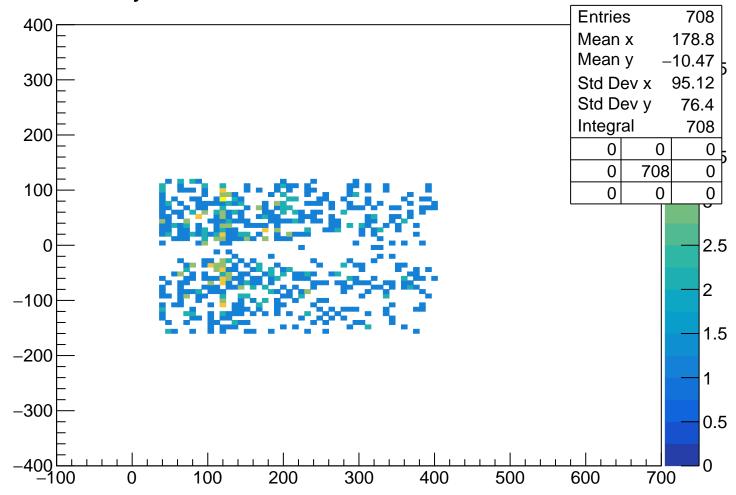


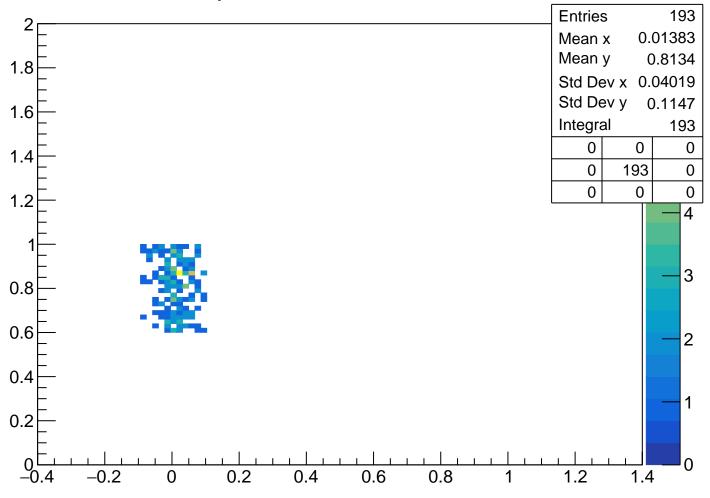


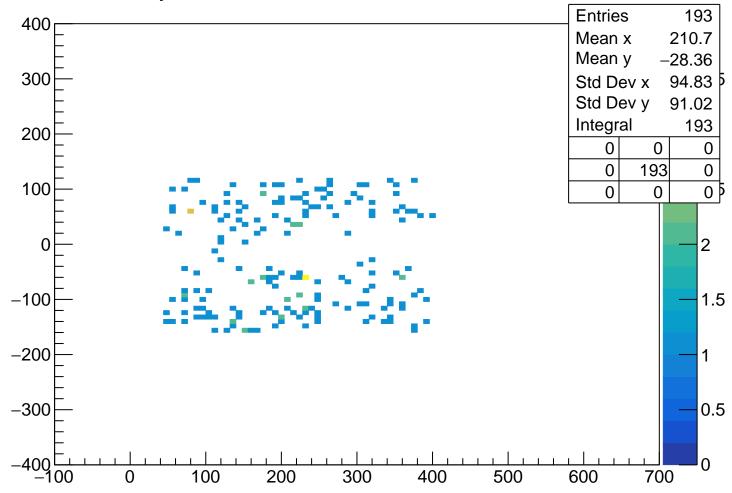


pKurama % m2 Cut Ver 4









pKurama % m2 Cut Ver 5

