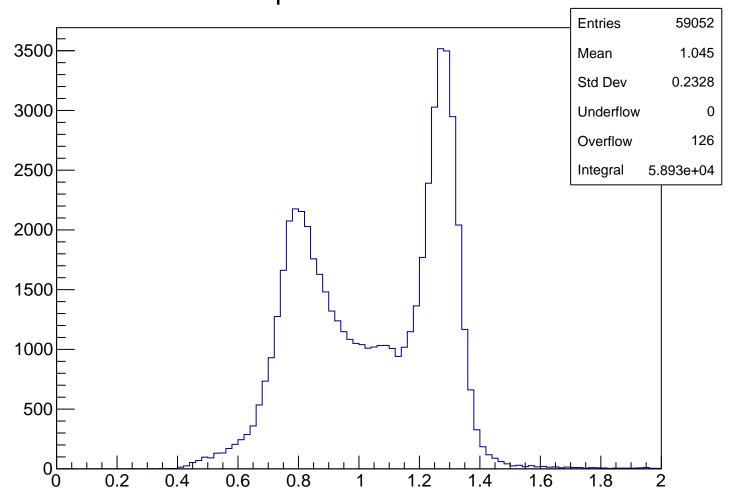
ThetaKurama



pKurama



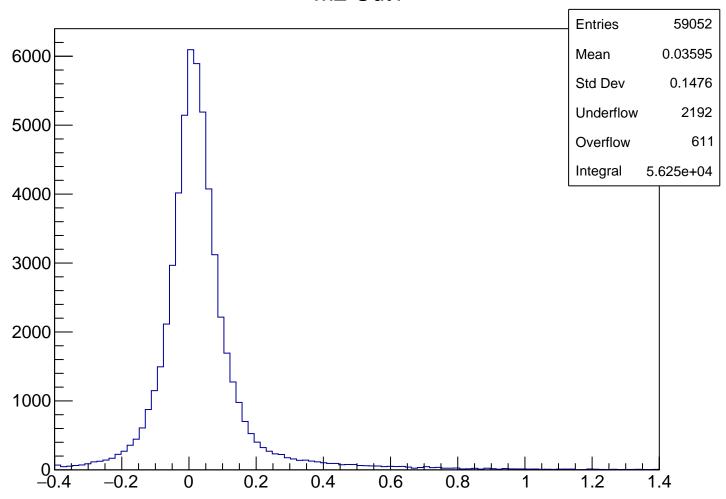
pKurama Cut1







m2 Cut1



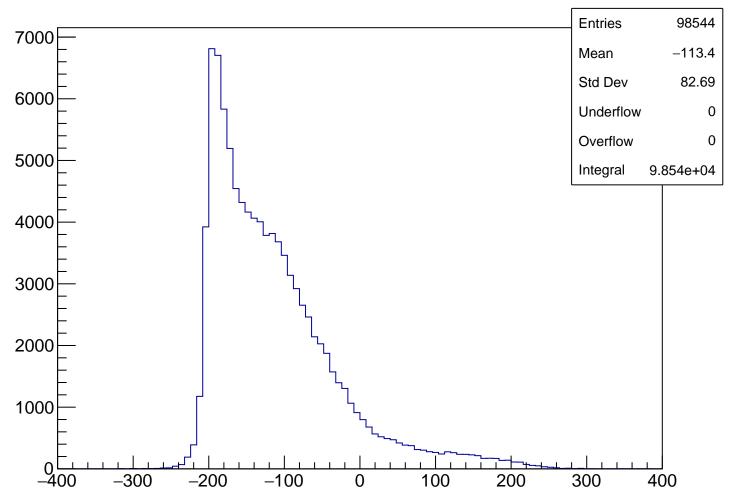
chisqrKurama



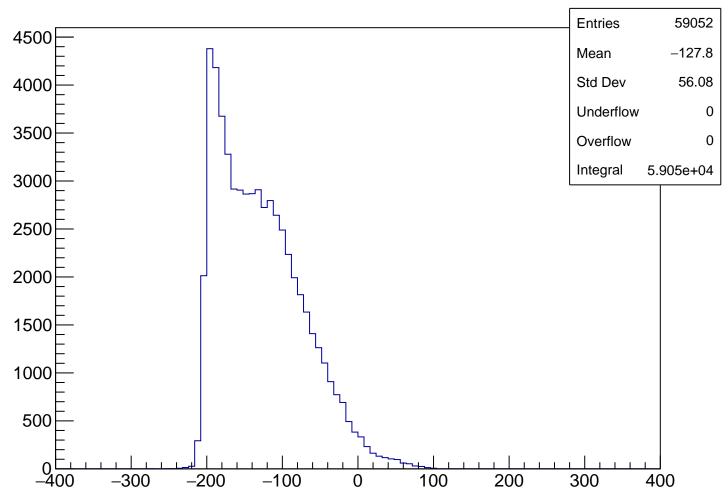
qKurama



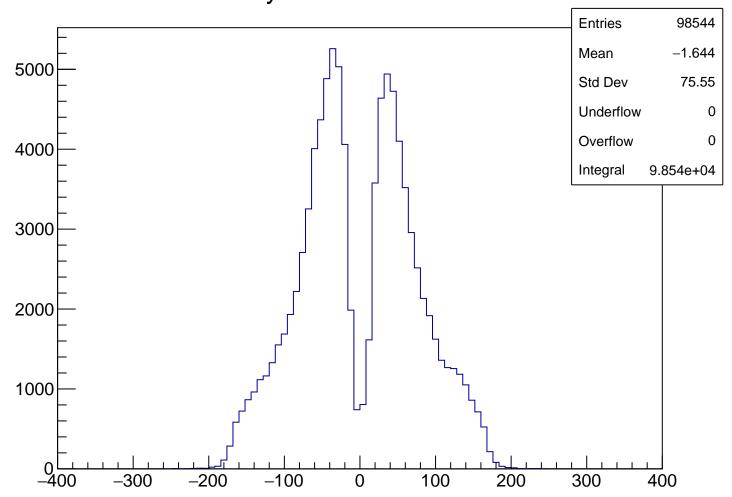
xsacKurama



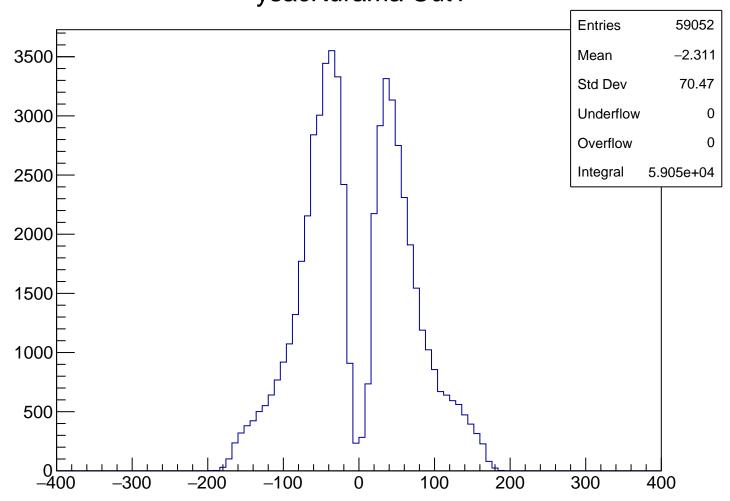
xsacKurama Cut1



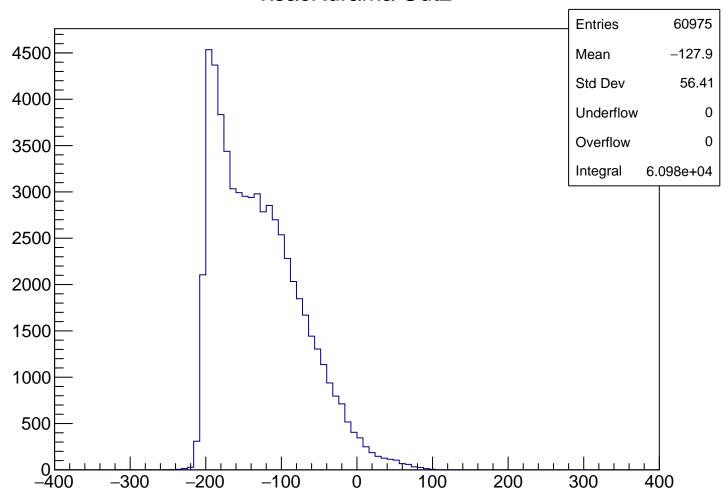
ysacKurama



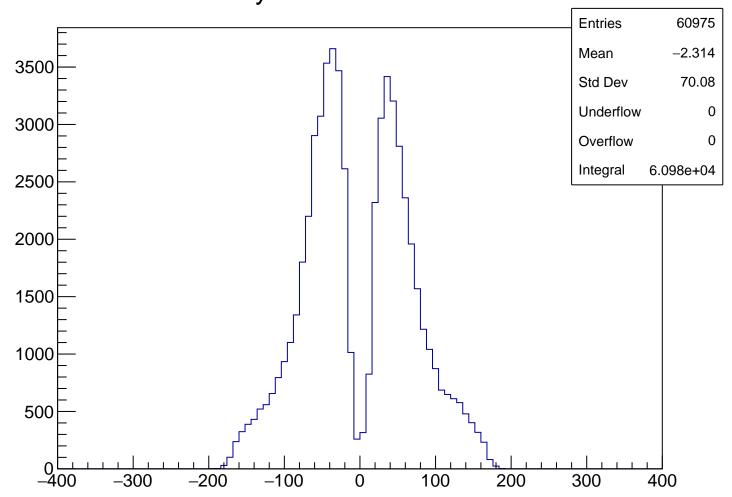
ysacKurama Cut1



xsacKurama Cut2



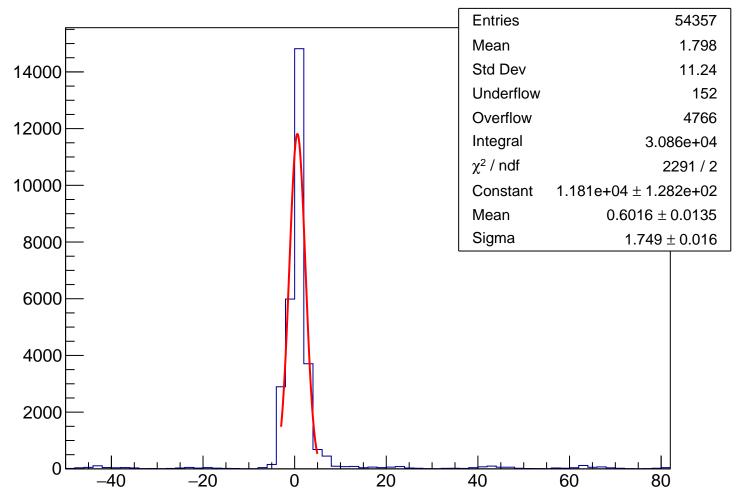
ysacKurama Cut2



tSac Or



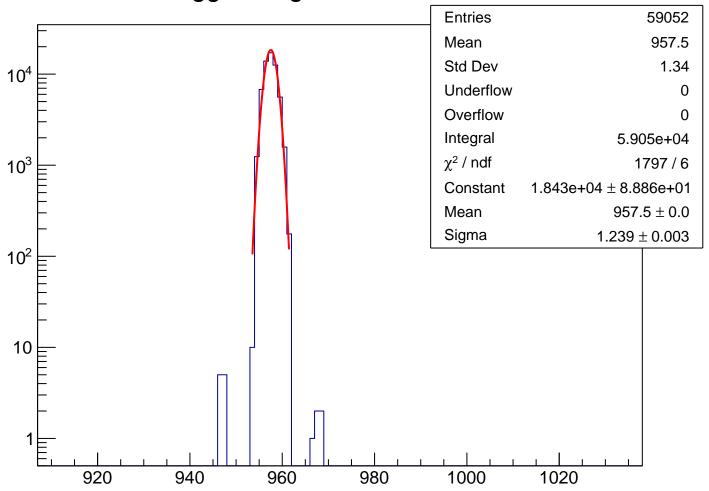
tSac Or Cut2



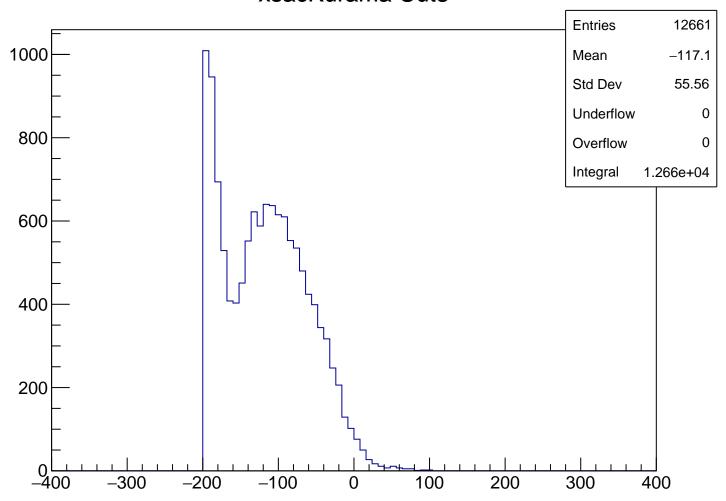
Trigger Flag BeamTofPs



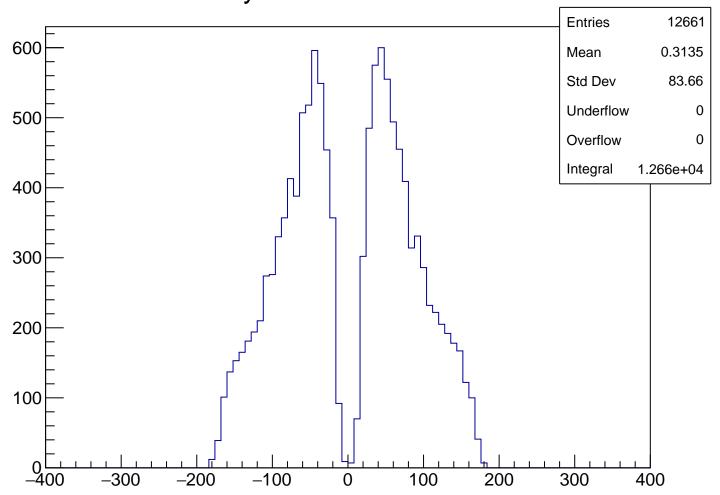
Trigger Flag BeamTofPs Cut2



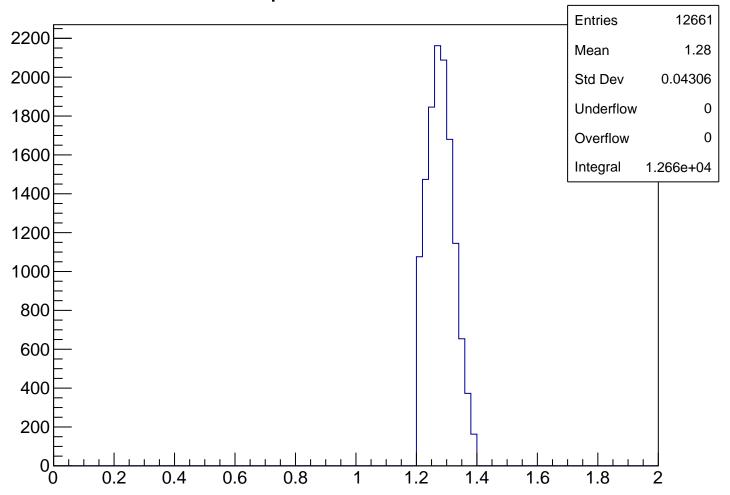
xsacKurama Cut3



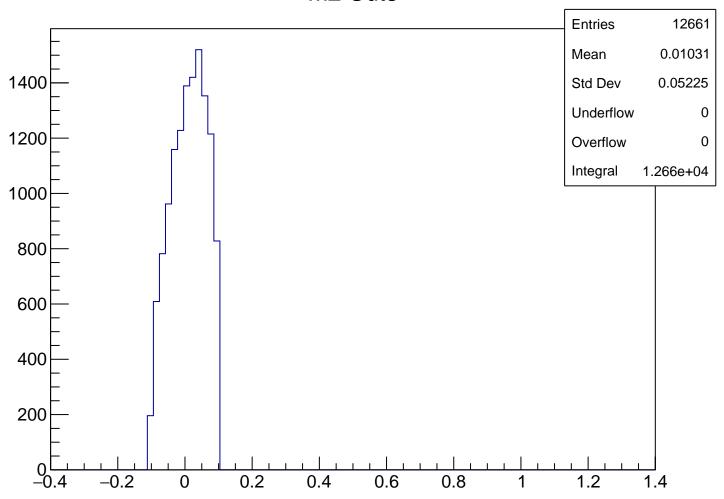
ysacKurama Cut3



pKurama Cut3



m2 Cut3



tSac Or Cut4 **Entries** 11046 Mean 0.7002 4500 2.16 Std Dev Underflow 0 4000 Overflow Integral 1.105e+04 3500  $\chi^2$  / ndf 69.71 / 2  $4705 \pm 56.8$ Constant 3000 Mean  $0.5643 \pm 0.0183$ 2500 Sigma  $1.841 \pm 0.014$ 2000 1500 1000 500 0

20

40

60

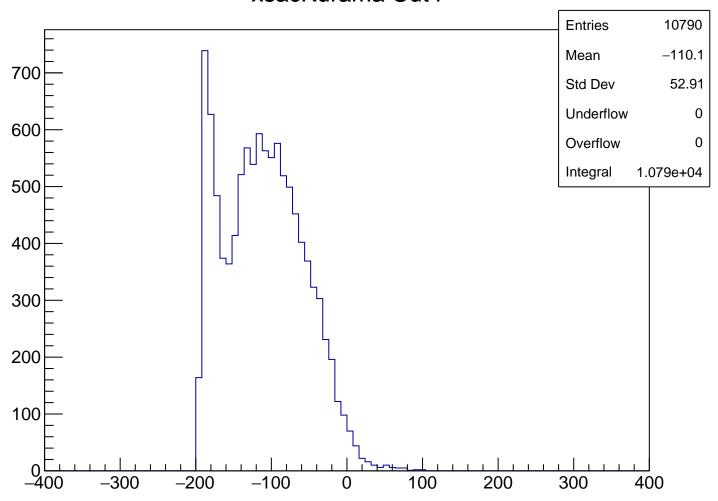
80

-20

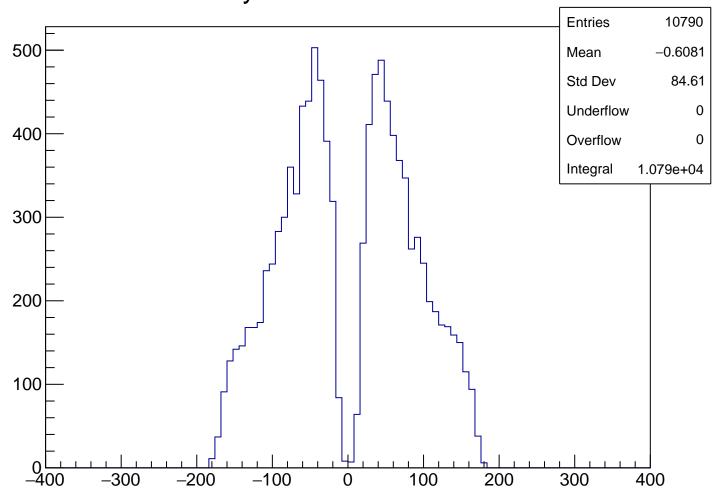
-40

0

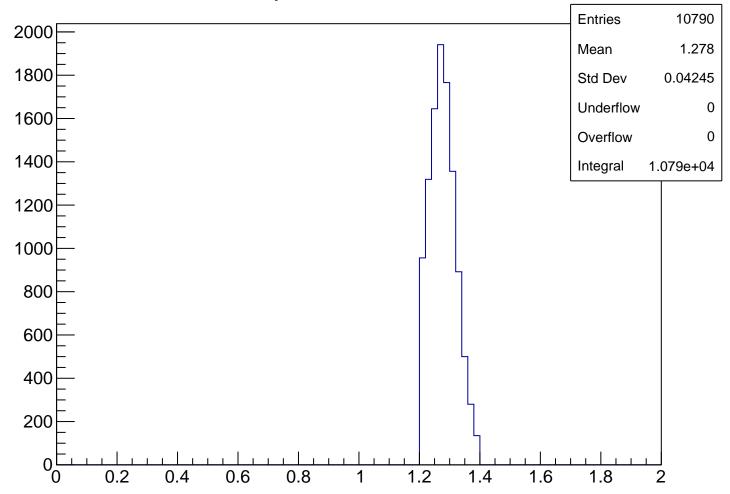
xsacKurama Cut4



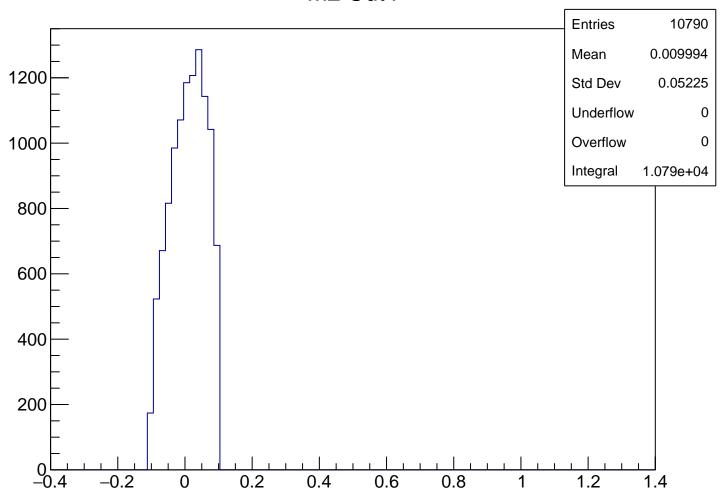
ysacKurama Cut4



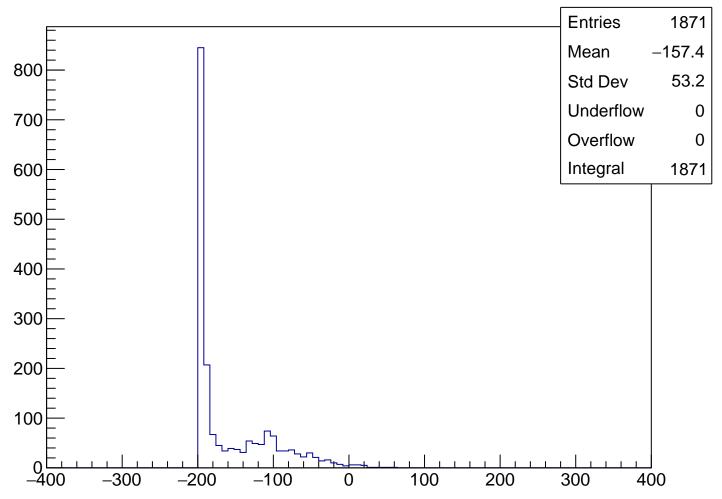
pKurama Cut4



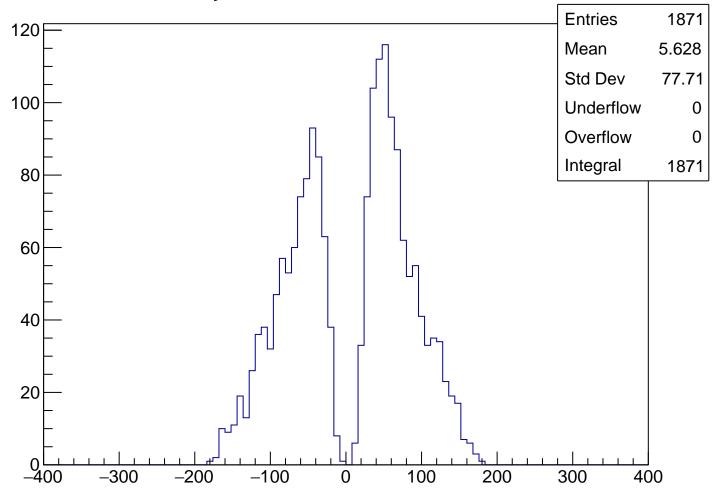
m2 Cut4



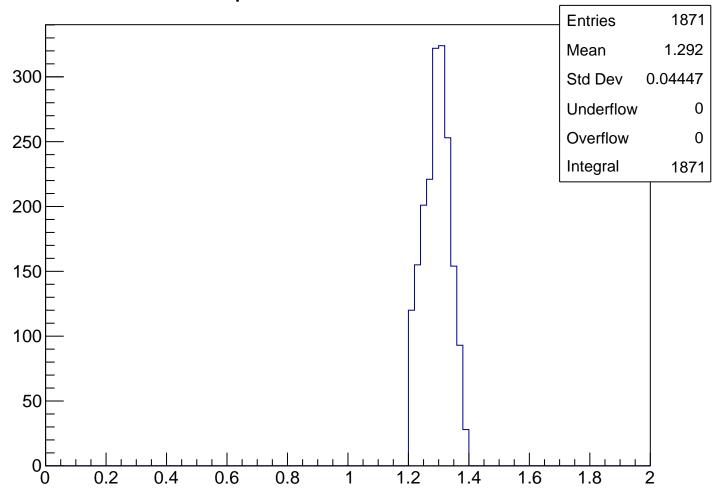
xsacKurama Cut Ver 4



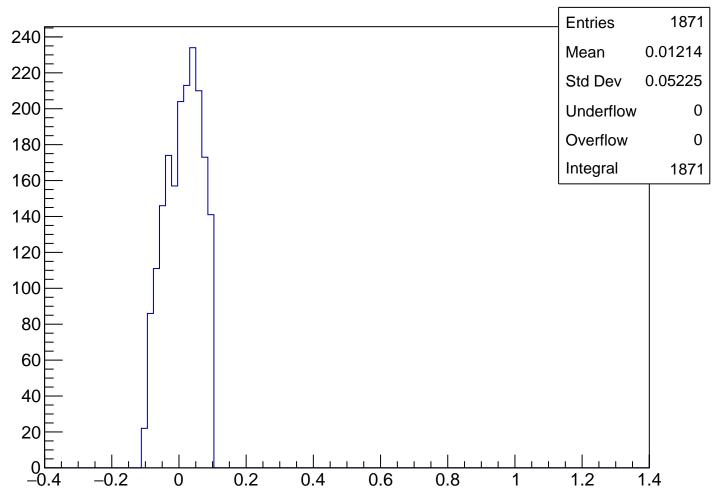
ysacKurama Cut Ver 4



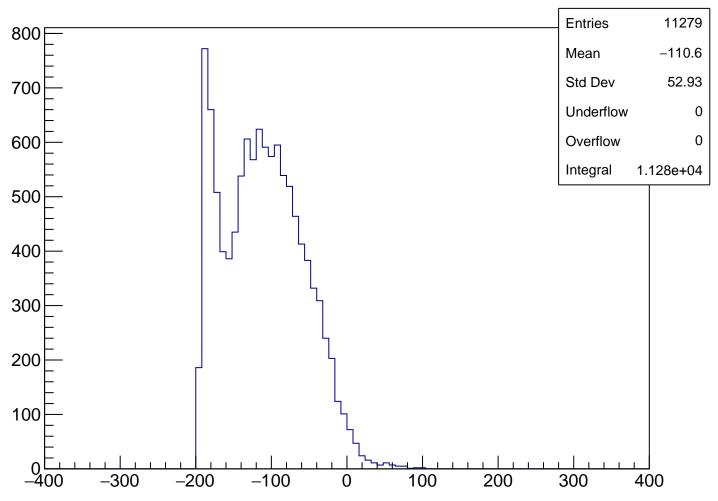
pKurama Cut Ver 4



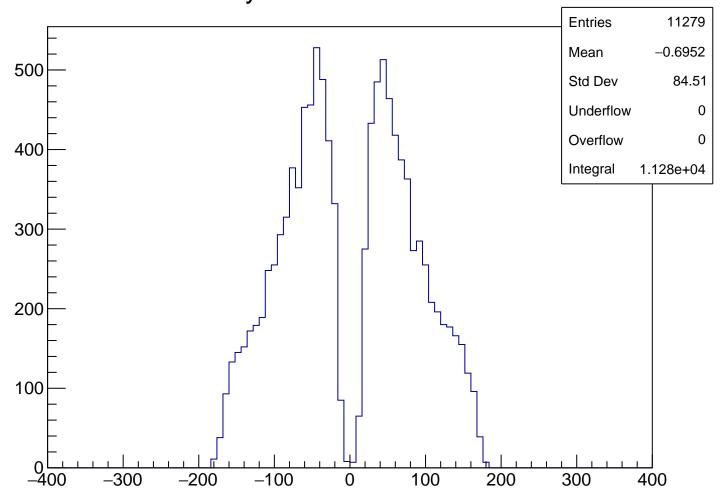
m2 Cut Ver 4



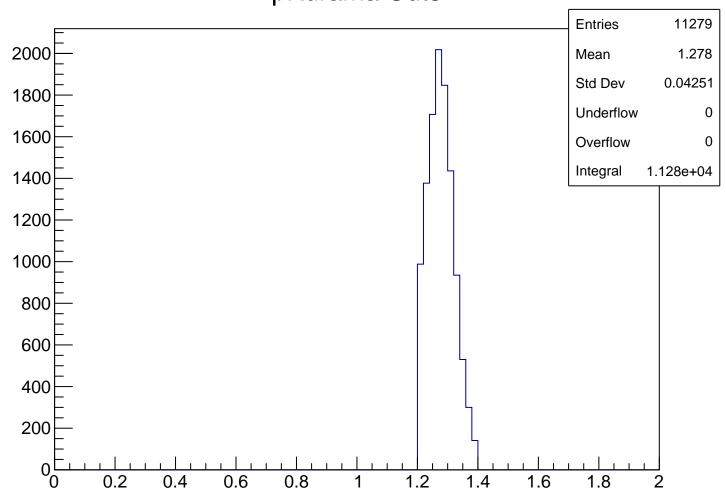
xsacKurama Cut5



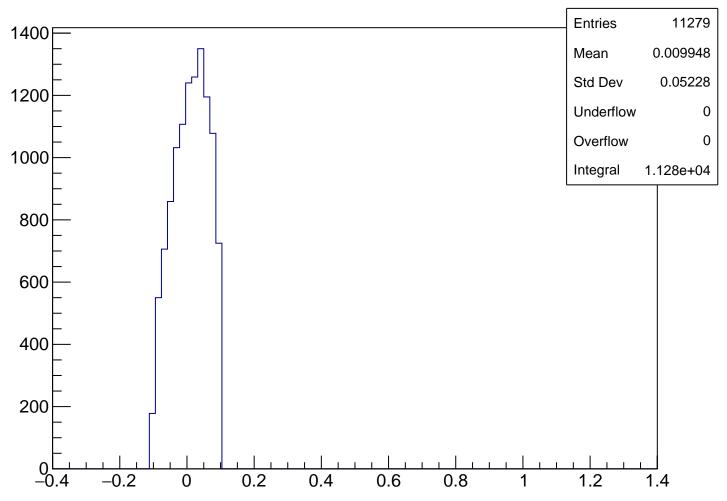
ysacKurama Cut5



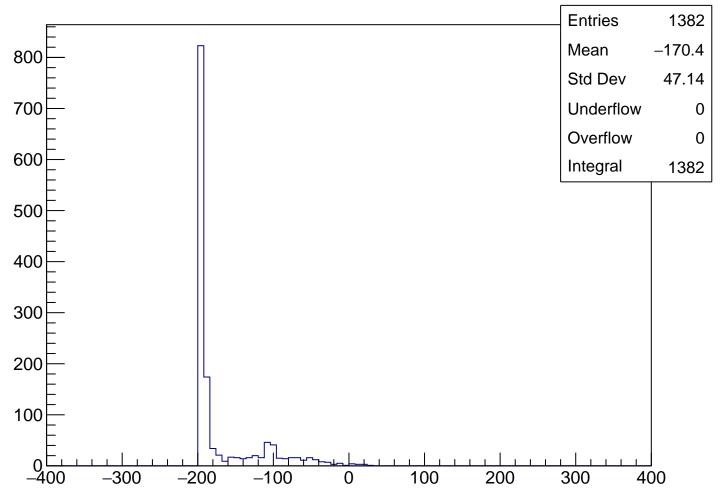
pKurama Cut5



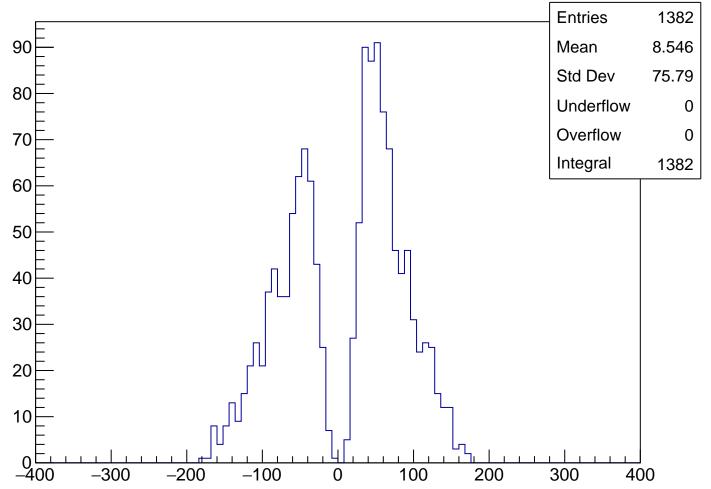
m2 Cut5



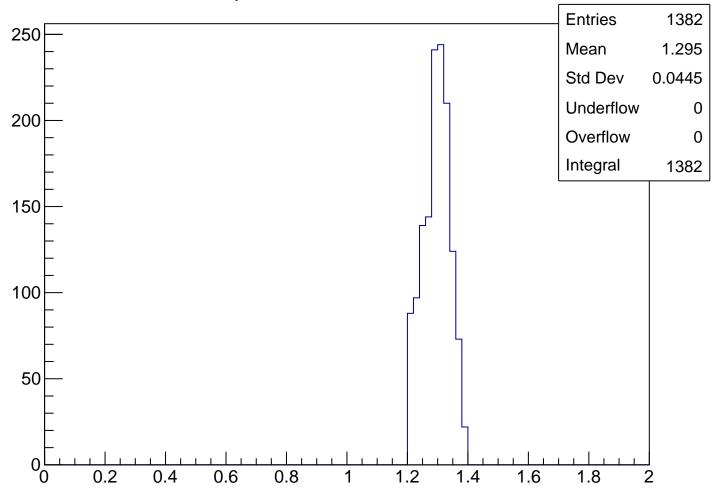
xsacKurama Cut Ver 5



ysacKurama Cut Ver 5



pKurama Cut Ver 5



m2 Cut Ver 5 **Entries** 1382 0.01327 Mean 160 0.05195 Std Dev Underflow 0 140 Overflow 0 120 Integral 1382 100 80 60 40 20 0 -0.4 -0.20 0.2 0.4 0.6 8.0 1.2 1.4

tSac Or Cut5 **Entries** 12459 Mean 0.6639 2.021 Std Dev Underflow 0 10<sup>3</sup> Overflow Integral 1.246e+04  $\chi^2$  / ndf 772.9 / 6  $3132 \pm 35.1$ Constant Mean  $0.5136 \pm 0.0148$  $10^{2}$ Sigma  $1.451 \pm 0.009$ 10

20

40

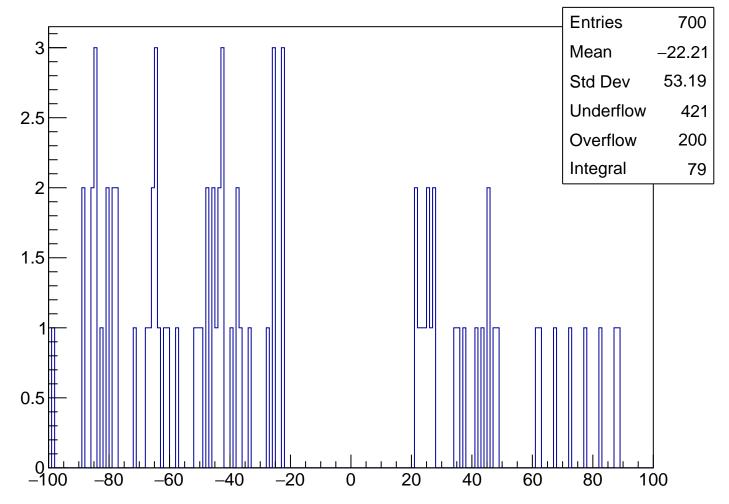
60

80

-40

-20

## tSac Or Cut Ver 5

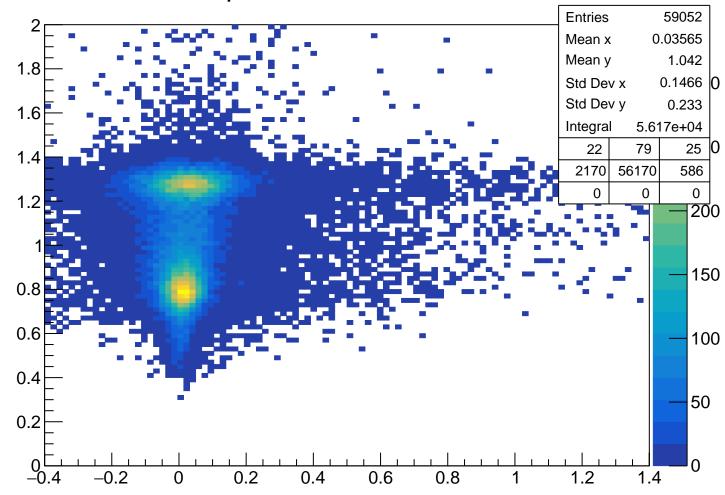


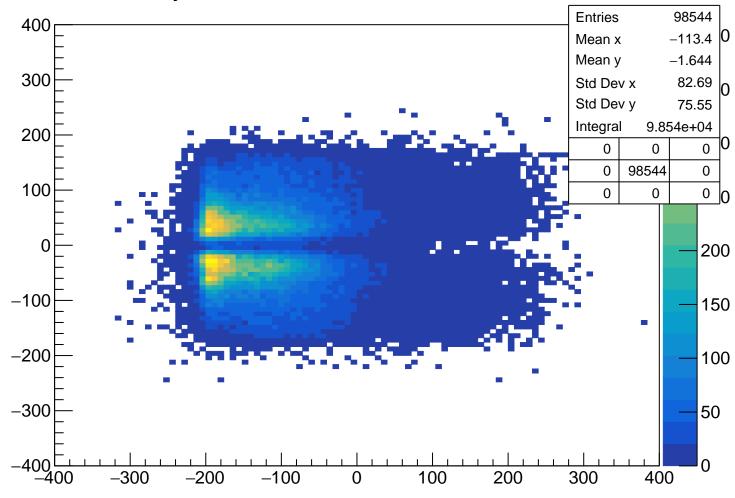
pKurama % ThetaKurama

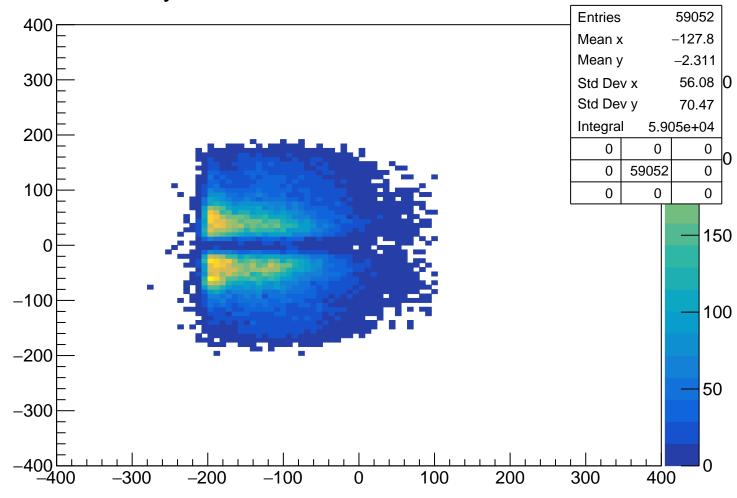


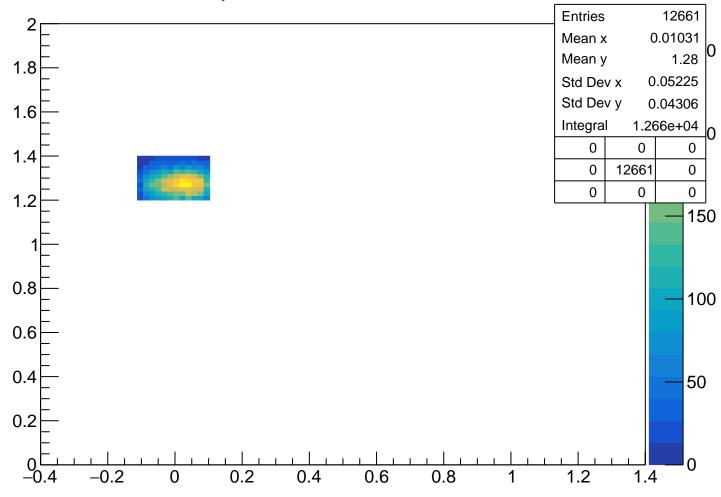
pKurama % m2

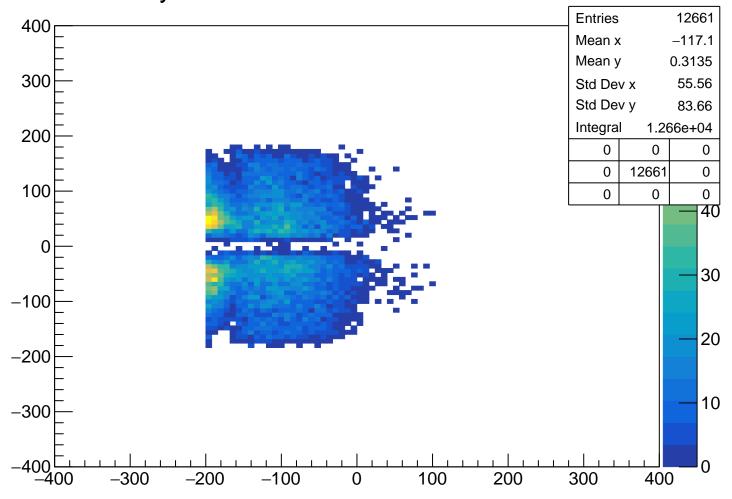


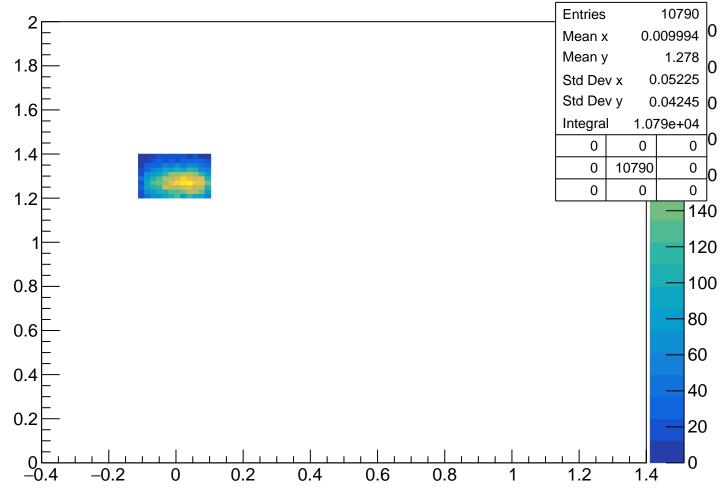


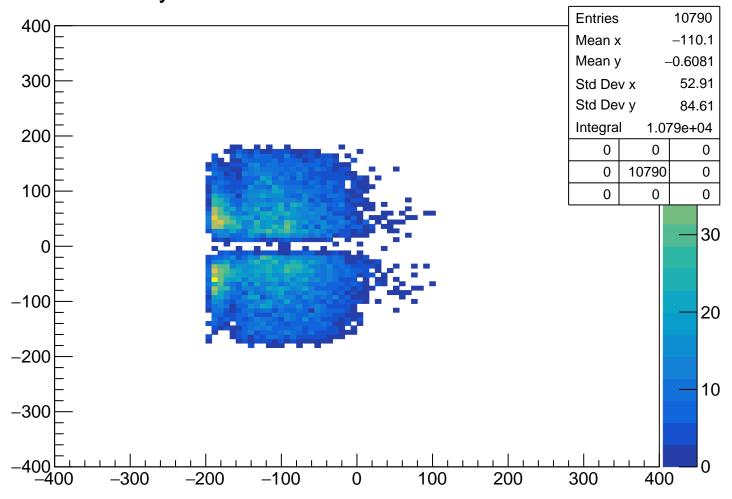




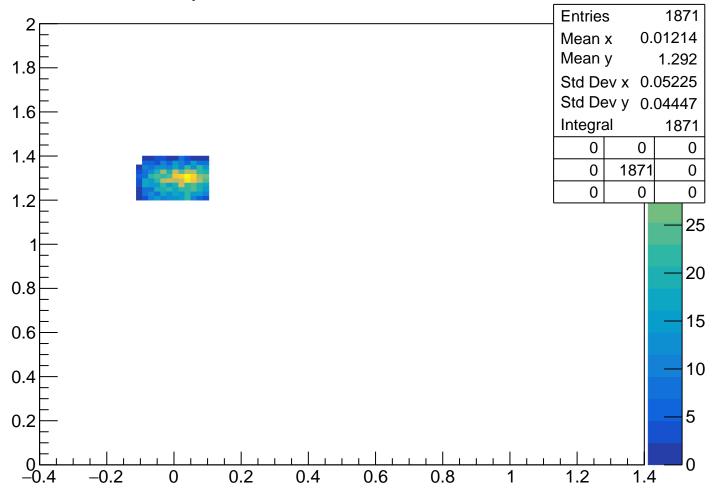


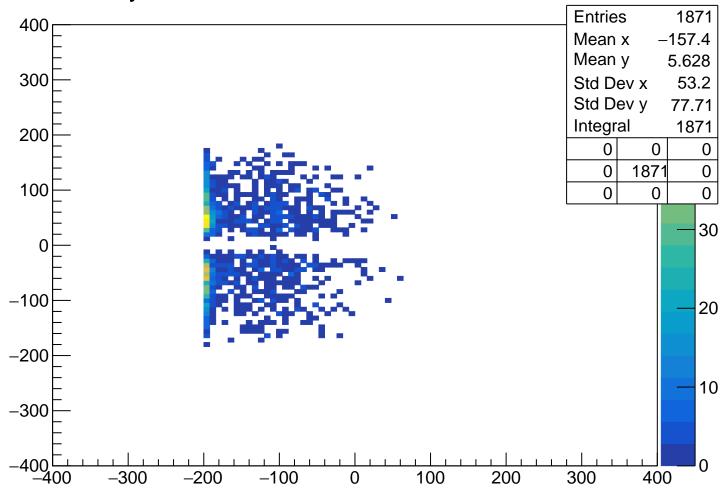


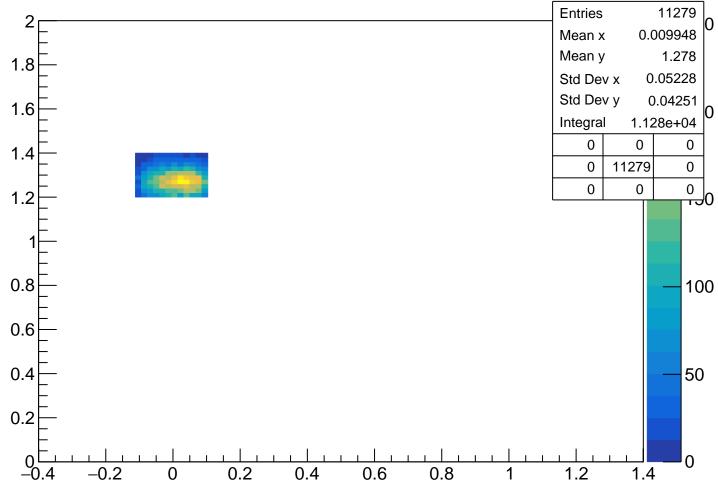


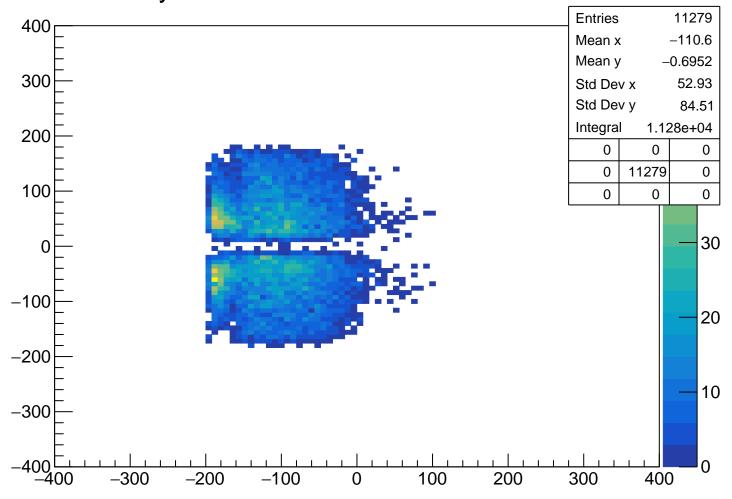


pKurama % m2 Cut Ver 4









pKurama % m2 Cut Ver 5

