pKurama **Entries** 799552 0.8759 Mean 30000 Std Dev 0.2661 Underflow 7.408e+04 Overflow 3.511e+04 25000 Integral 6.904e+05 20000 15000 10000 5000 0,

1.2

1.4

1.6

1.8

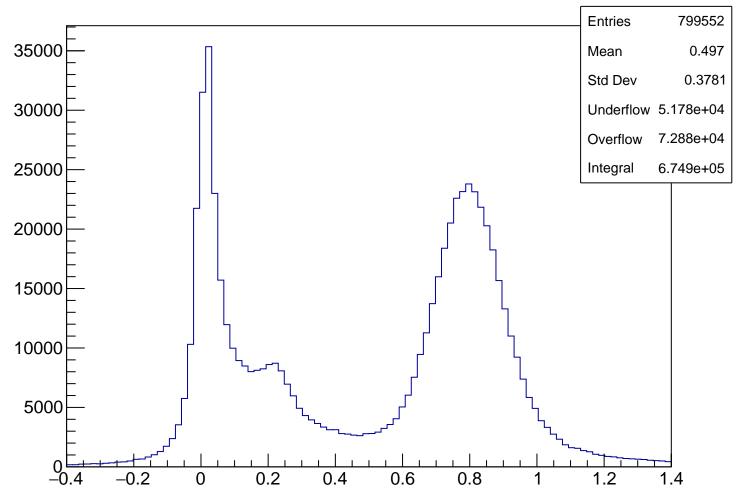
0.2

0.4

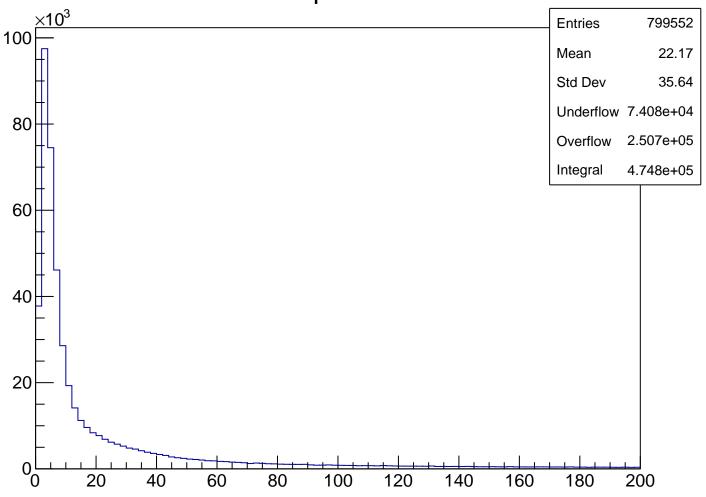
0.6

8.0

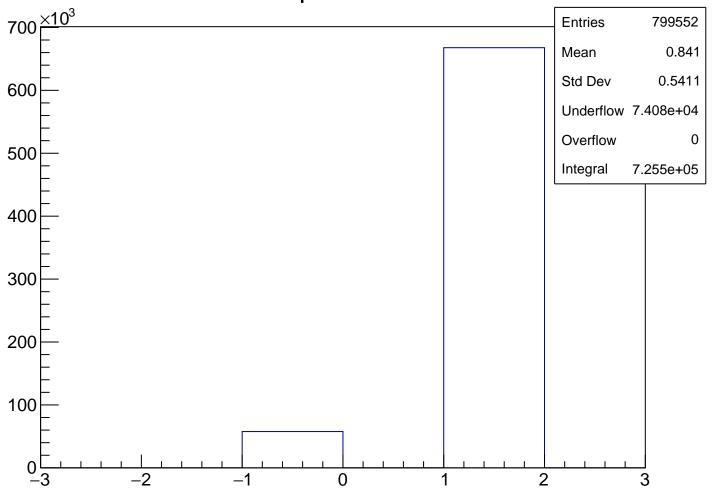


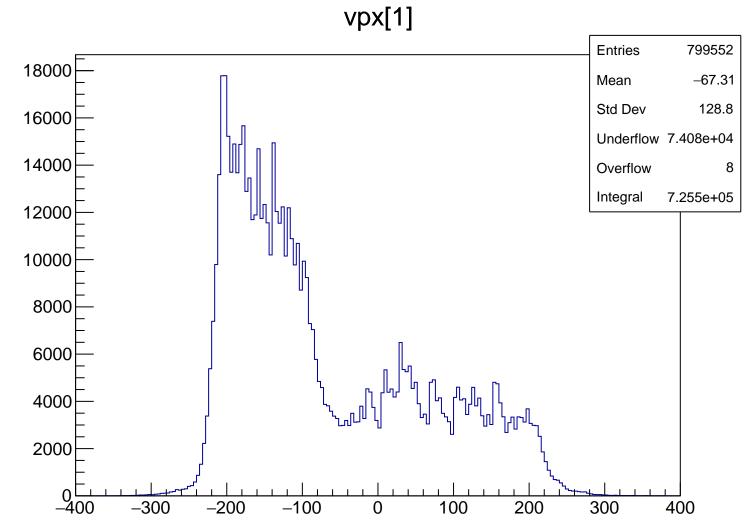


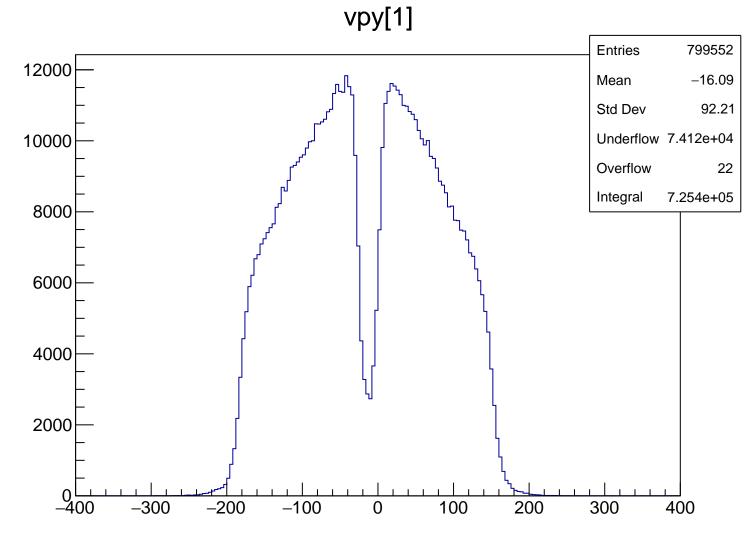
chisqrKurama

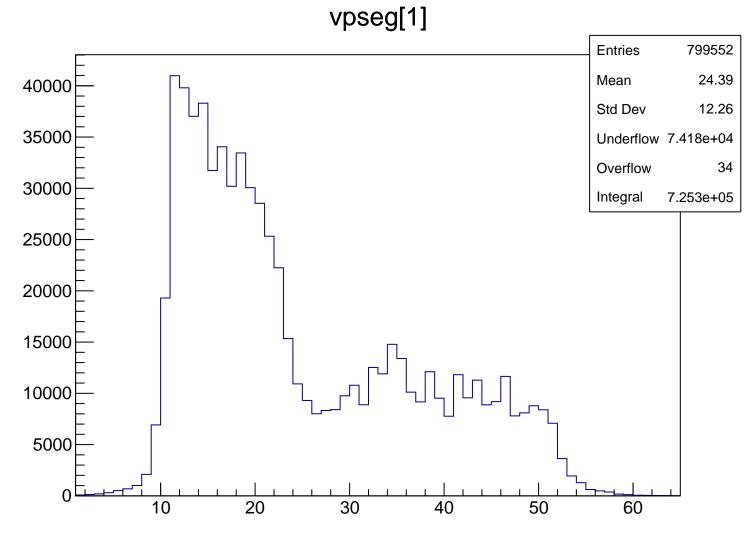


qKurama

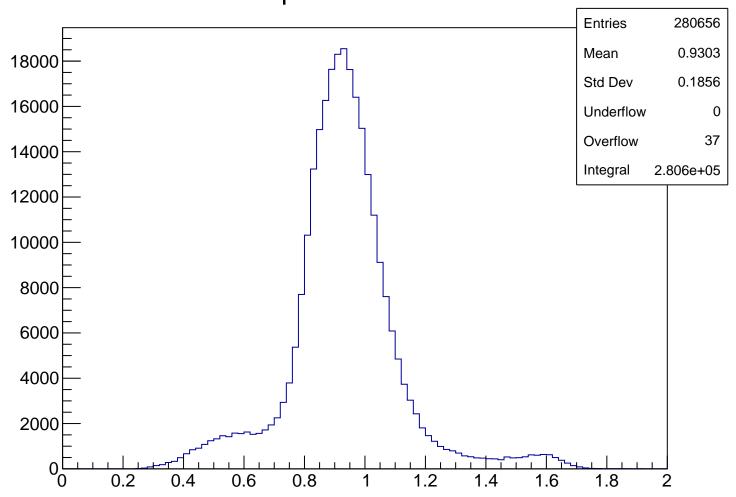






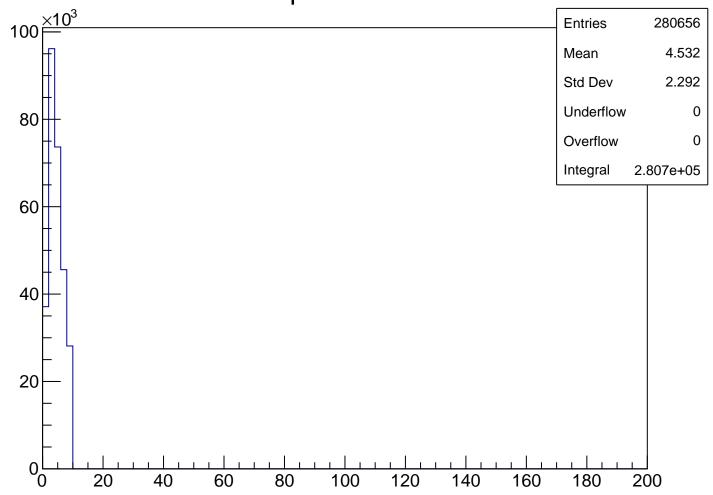


pKurama Cut1

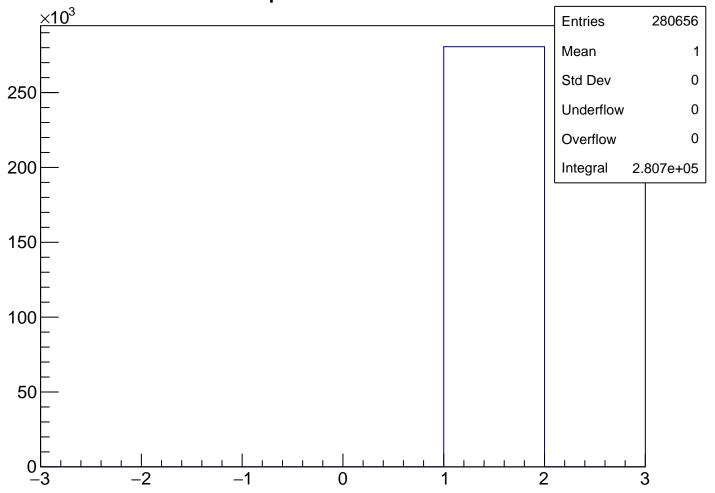


m2 Cut1 **Entries** 280656 0.6656 Mean 14000 Std Dev 0.3135 Underflow 1.399e+04 12000 Overflow 1.154e+04 Integral 2.551e+05 10000 8000 6000 4000 2000 0 -0.4 -0.2 0.2 0 0.4 0.6 8.0 1.2 1.4

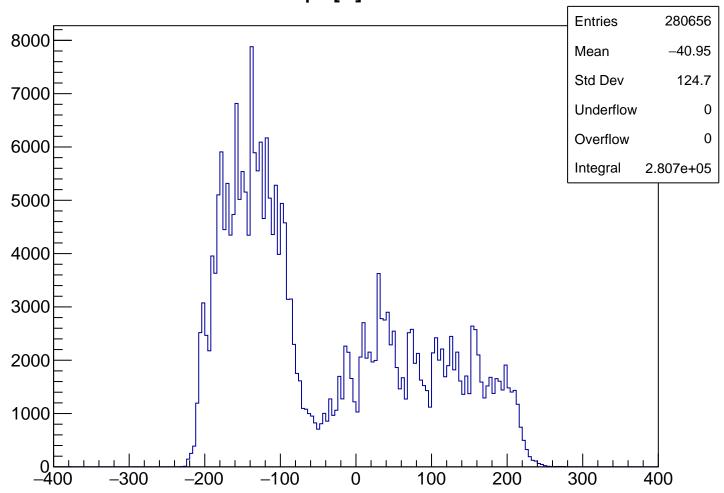
chisqrKurama Cut1



qKurama Cut1



vpx[1] Cut1



vpy[1] Cut1 **Entries** 280656 4500 Mean -16.21Std Dev 97.92 4000 Underflow 0 3500 Overflow 0 Integral 2.807e+05 3000 2500 2000 1500 1000

100

200

300

400

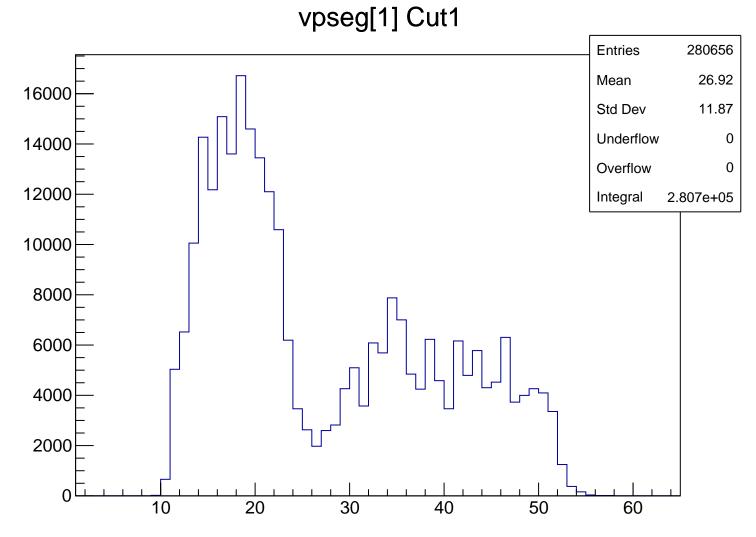
500

-400

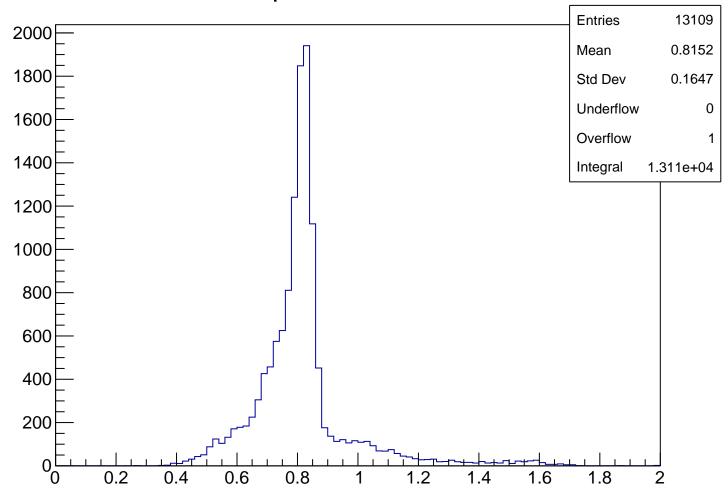
-300

-200

-100

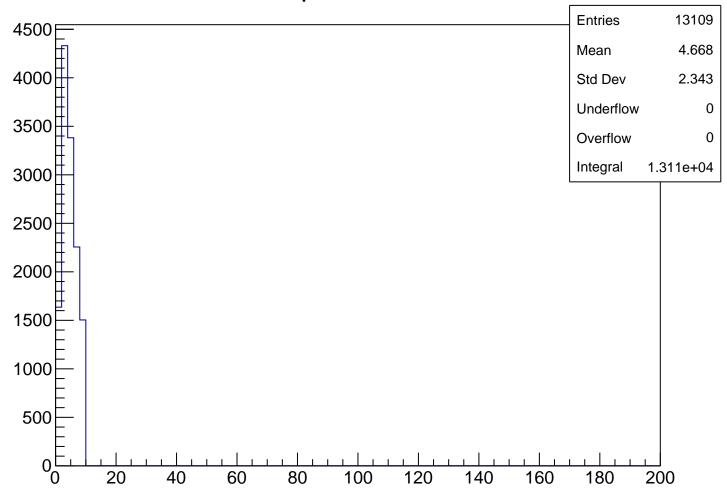


pKurama Cut2

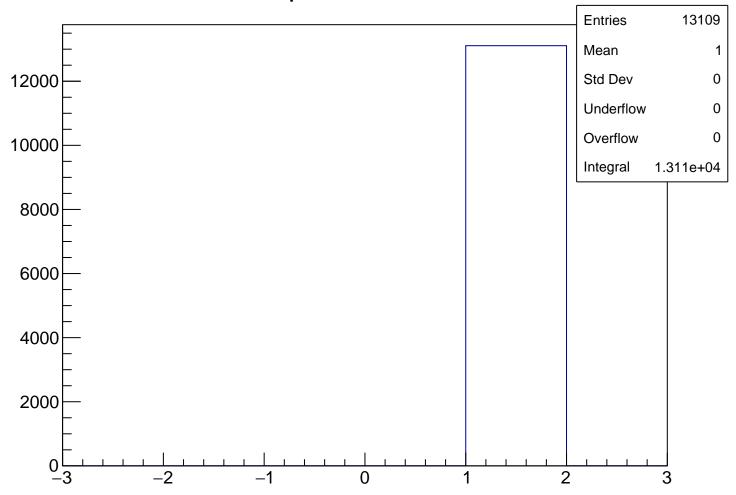


m2 Cut2 13109 **Entries** 0.2303 Mean 2000 Std Dev 0.04478 1800 Underflow 0 Overflow 0 1600 Integral 1.311e+04 1400 1200 1000 800 600 400 200 0 -0.4 0.2 -0.20 0.4 0.6 8.0 1.2 1.4

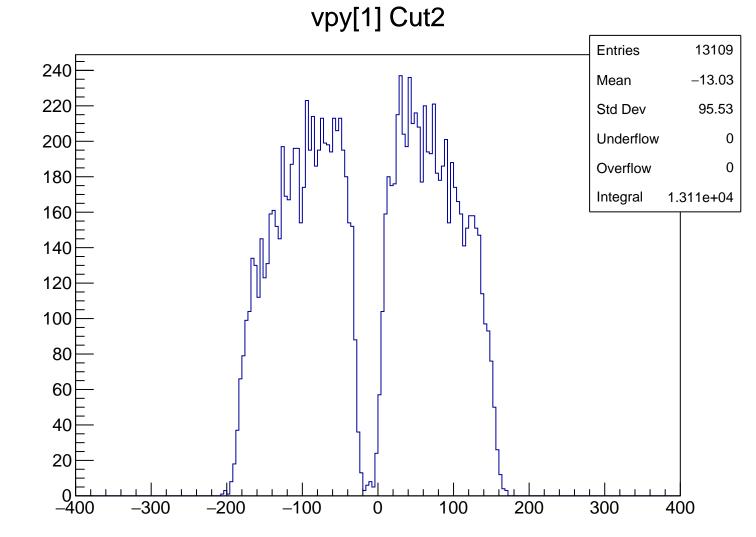
chisqrKurama Cut2



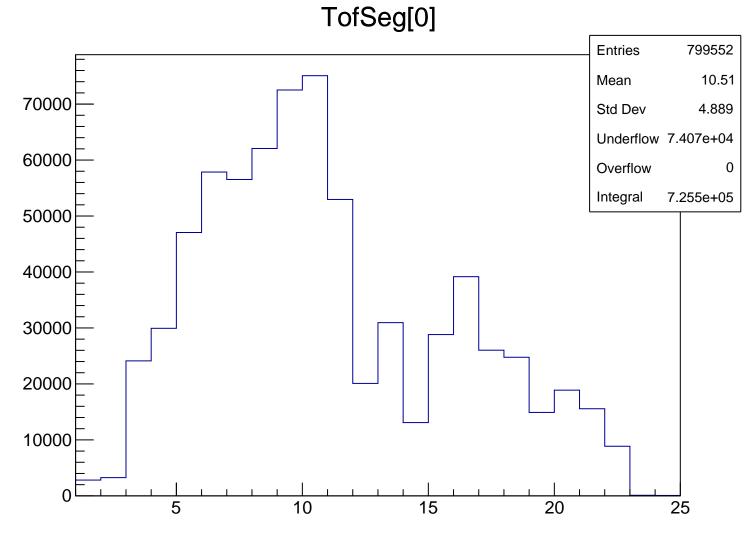
qKurama Cut2

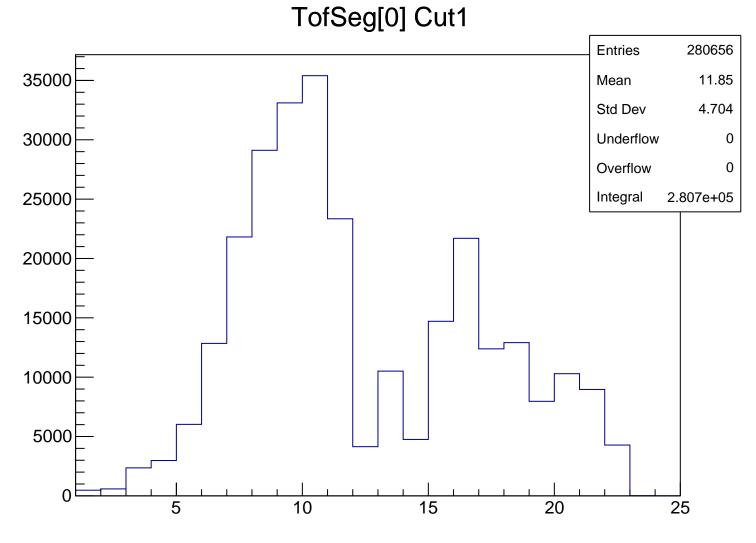


vpx[1] Cut2 13109 **Entries** Mean -48.35Std Dev 121.6 250 Underflow 0 Overflow 0 200 Integral 1.311e+04 150 100 50 0 -400 -300 -200-100100 200 300 400

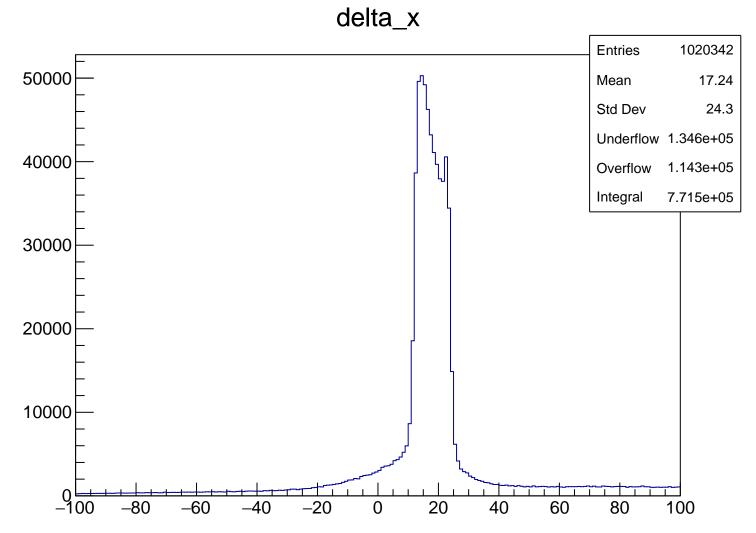


vpseg[1] Cut2 **Entries** 26.19 Mean Std Dev 11.58 Underflow Overflow Integral 1.311e+04

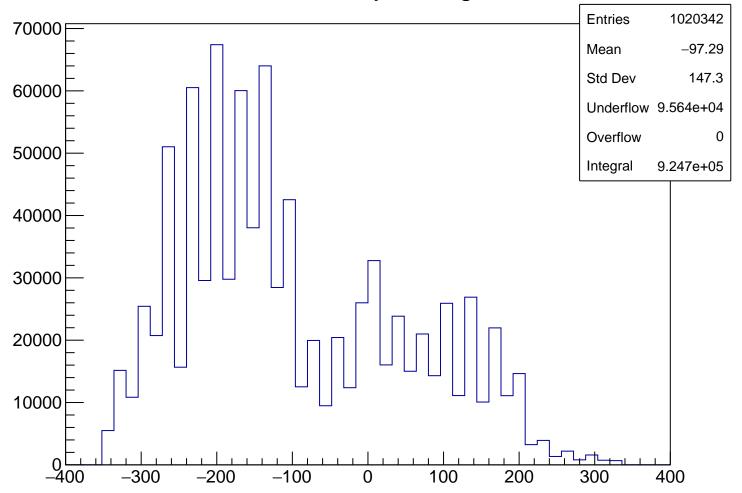


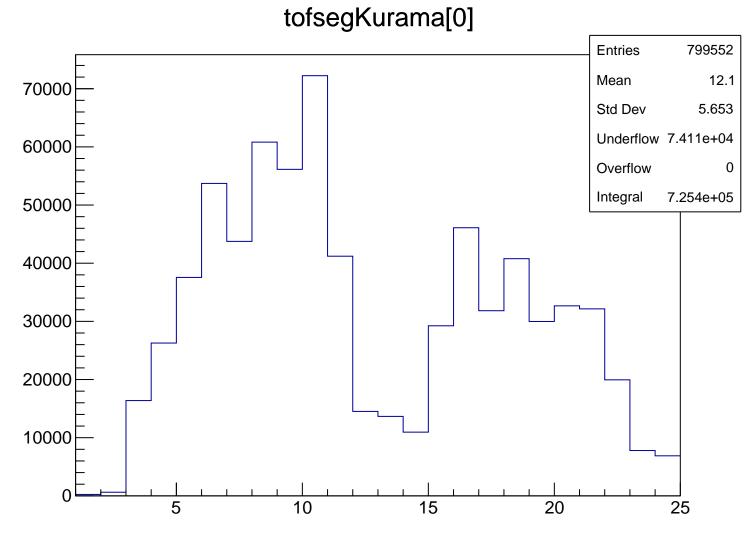


TofSeg[0] Cut2 **Entries** 11.03 Mean Std Dev 4.47 Underflow Overflow Integral 1.311e+04



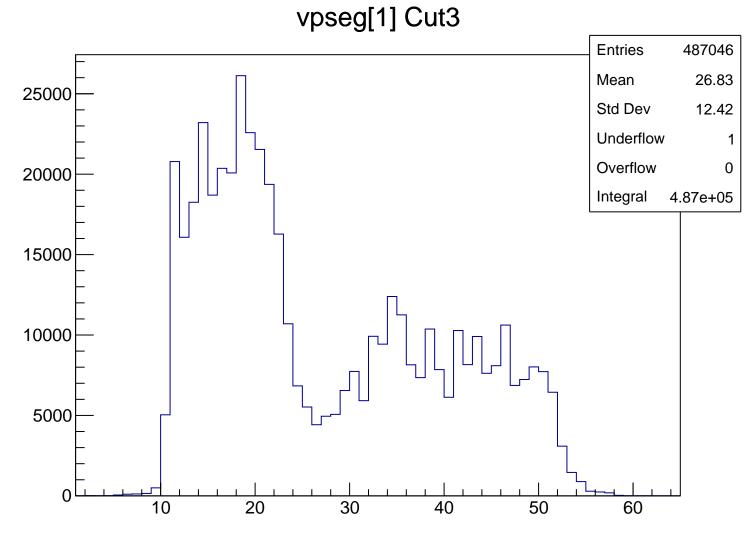
Sch Position by HitSegment

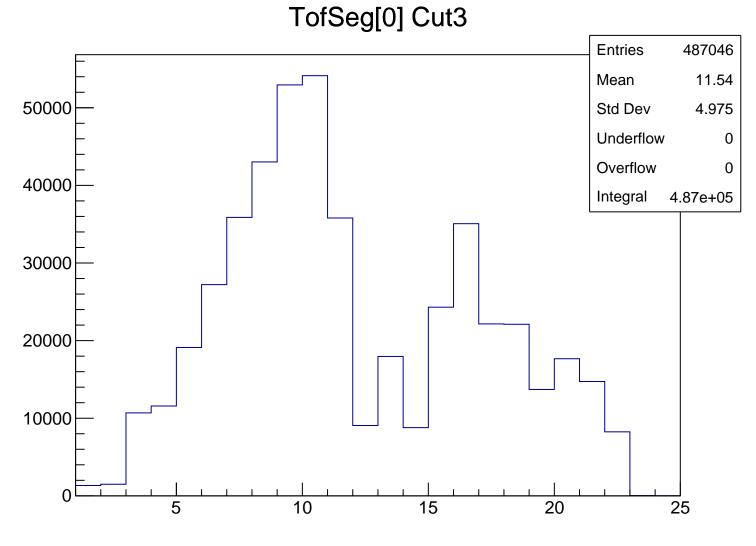


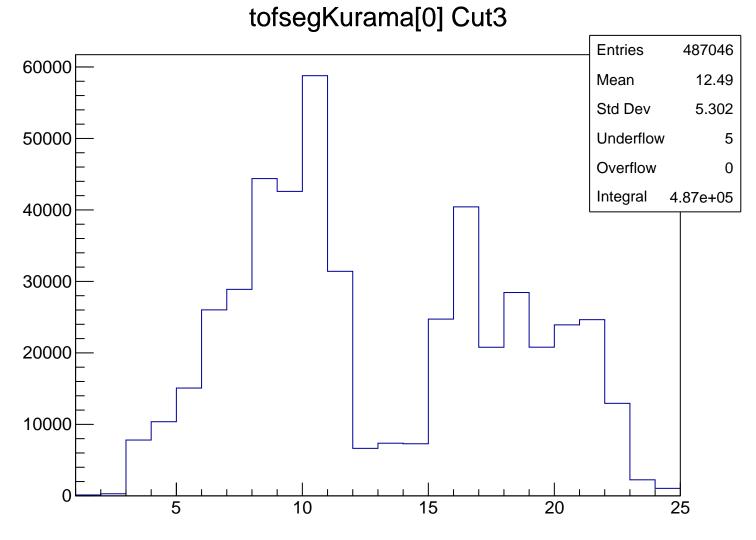


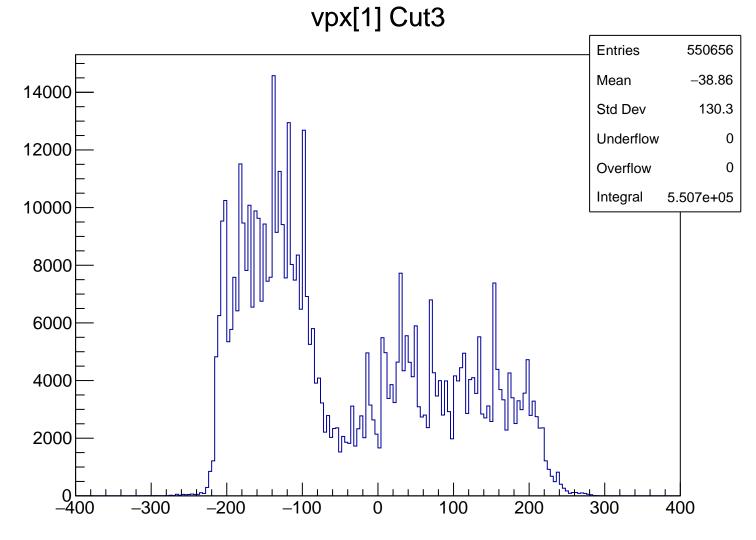
tofsegKurama[0] Cut1 **Entries** 280656 40000 Mean 12.51 Std Dev 4.912 35000 Underflow Overflow 0 30000 Integral 2.807e+05 25000 20000 15000 10000 5000 10 15 20 25

tofsegKurama[0] Cut2 **Entries** 13109 1600 F Mean 11.78 Std Dev 4.798 1400 Underflow 0 1200 Overflow 0 Integral 1.311e+04 1000 800 600 400 200 10 15 20 25



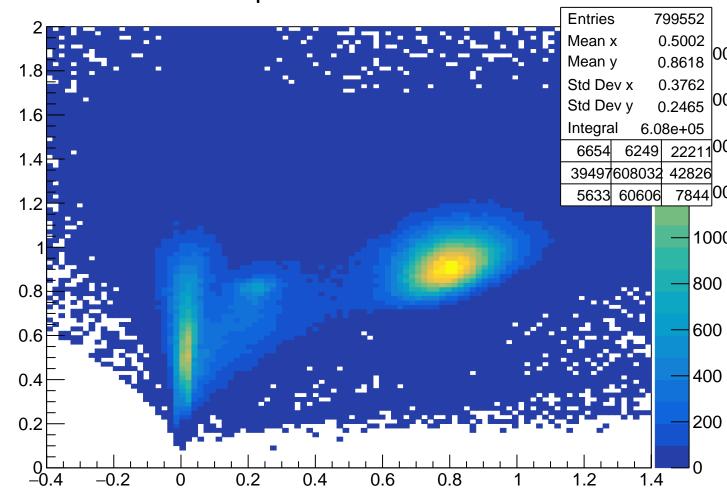


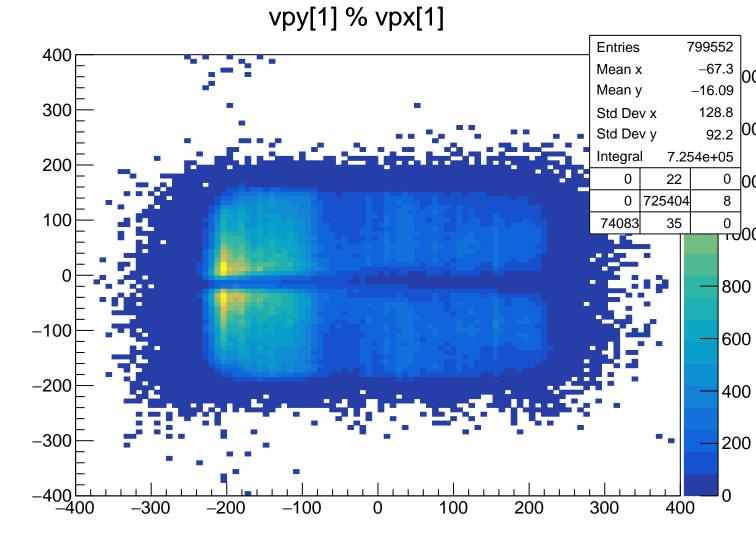




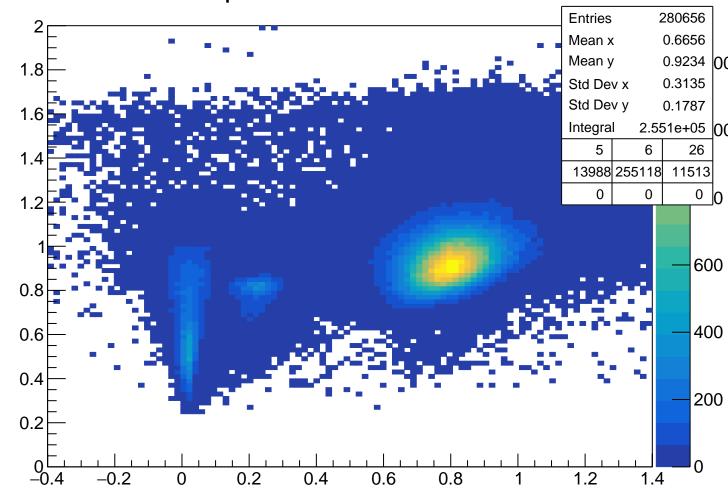
Sch Position by HitSegment Cut3 **Entries** 550656 50000 Mean -56.43130.4 Std Dev Underflow 0 40000 Overflow 0 Integral 5.507e+05 30000 20000 10000 -300 -200 -100100 200 300 -400 400

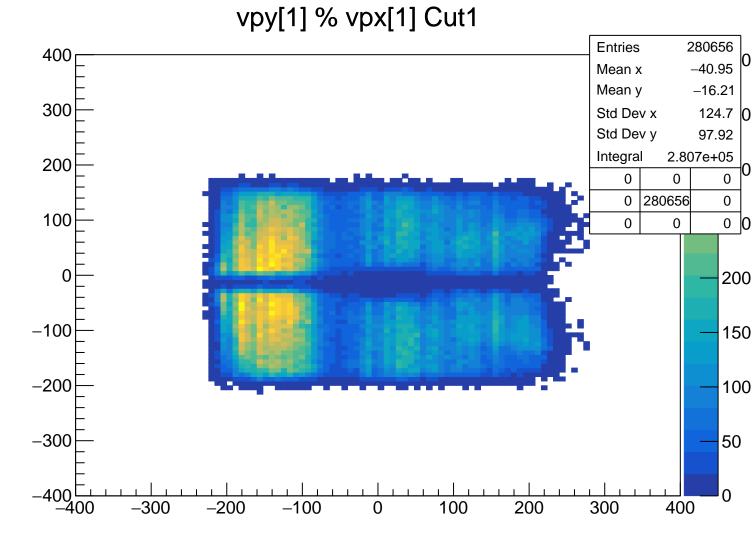
pKurama % m2





pKurama % m2 Cut1





pKurama % m2 Cut2 **Entries** 13109 Mean x 0.2303 Mean y 0.8152 1.8 0.04478 Std Dev x Std Dev y 0.1647 1.6 Integral 1.311e+04 0 0 1.4 13108 0 0 0 0 0 1.2 200 150 8.0 0.6 100 0.4 50 0.2 0 -0.4 <u>1.4</u> 1.2 -0.2 0 0.2 0.4 0.6 8.0

vpy[1] % vpx[1] Cut2 **Entries** 13109 400 -48.35Mean x Mean y -13.03300 121.6 Std Dev x Std Dev y 95.53 Integral 1.311e+04 200 0 0 0 0 13109 0 100 0 0 0 15 0 -10010 -2005 -300

100

200

300

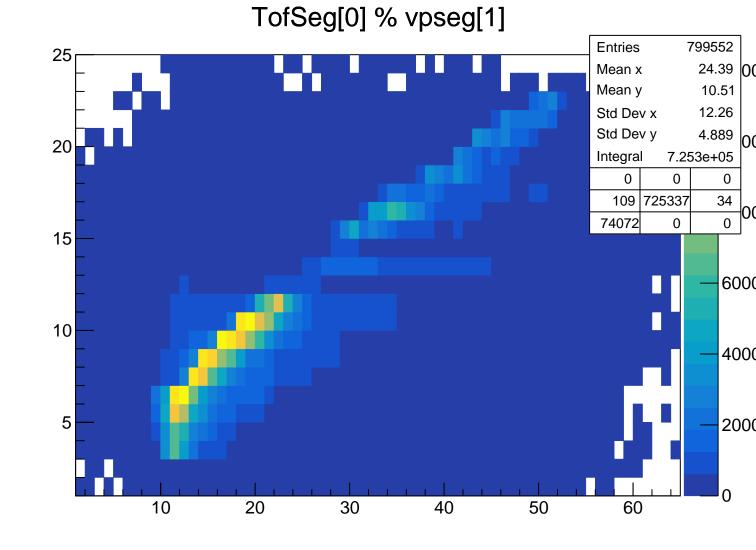
400

-400 -400

-300

-200

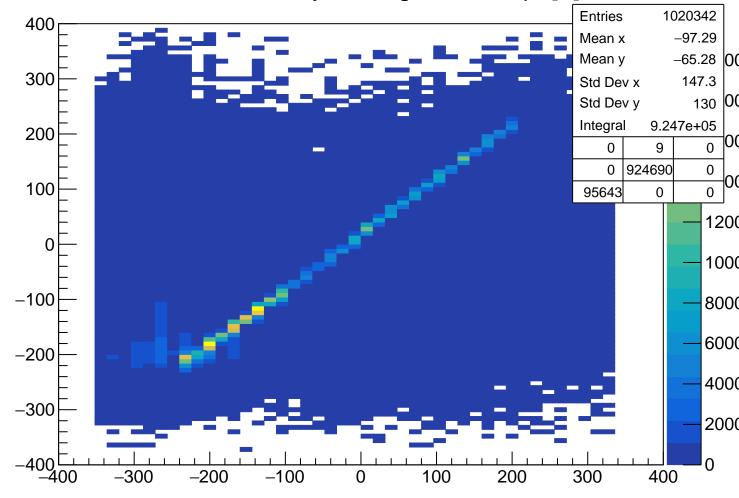
-100



TofSeg[0] % vpseg[1] Cut1 **Entries** 26.92 Mean x 11.85 00 Mean y 11.87 Std Dev x Std Dev y 4.704 Integral 2.807e+05]0(

TofSeg[0] % vpseg[1] Cut2 **Entries** 26.19 Mean x 11.03 Mean y 11.58 Std Dev x Std Dev y 4.47 0 Integral 1.311e+04

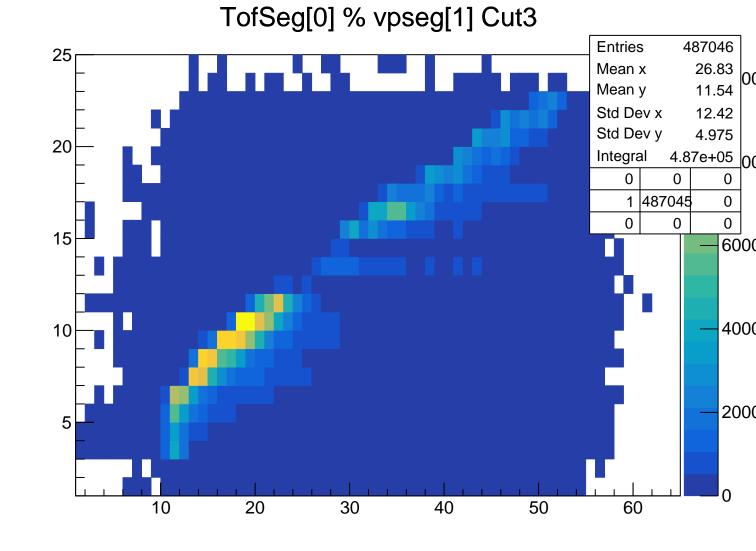
Sch Position by HitSegment % vpx[1]



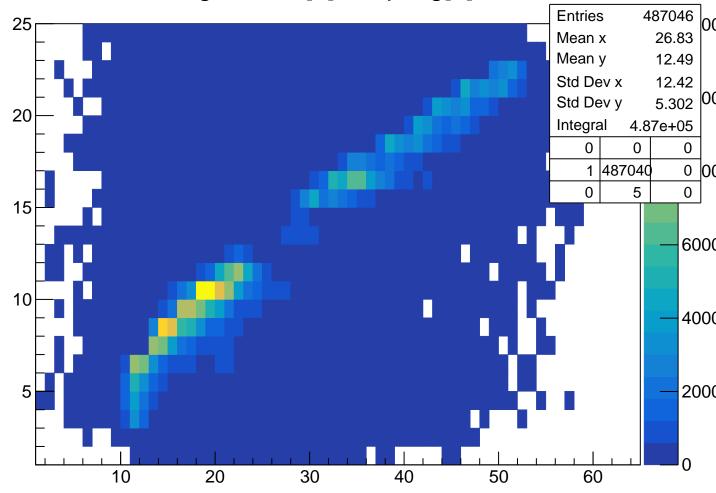
tofsegKurama[0] % vpseg[1] **Entries** 24.39 Mean x Mean y 12.1 12.26 Std Dev x Std Dev y 5.653 Integral 7.253e+05

tofsegKurama[0] % vpseg[1] Cut1 **Entries** 26.92 Mean x 12.51 00 Mean y 11.87 Std Dev x Std Dev y 4.912 00 Integral 2.807e+05

tofsegKurama[0] % vpseg[1] Cut2 **Entries** 26.19 Mean x Mean y 11.78 11.58 Std Dev x Std Dev y 4.798 1.311e+04 0 Integral 0 0



tofsegKurama[0] % vpseg[1] Cut3



Sch Position by HitSegment % vpx[1] Cut3 **Entries** 550656 400 -56.43 00 Mean x -38.86Mean y 300 130.4 00 Std Dev x Std Dev y 130.3 Integral 5.507e+05 O(200 0 550656 0 00 100 0 0 0 1200 0 1000 8000 -1006000 -2004000 -3002000 -400 -400 -300-200-100100 200 300 400