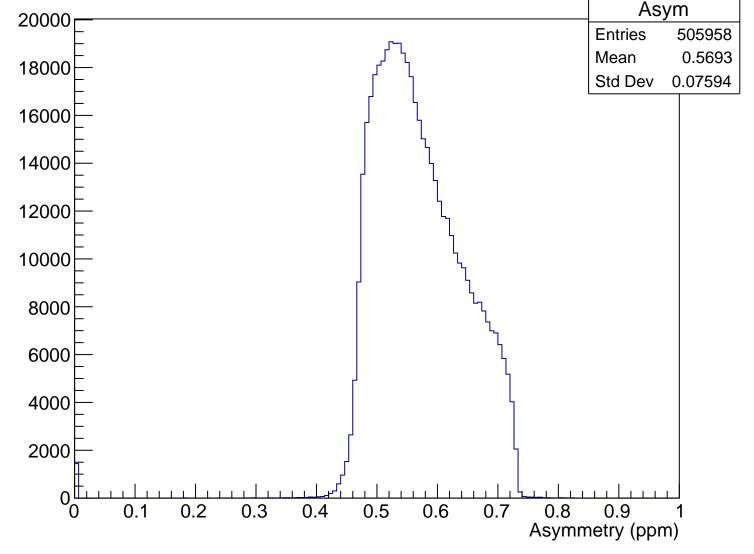
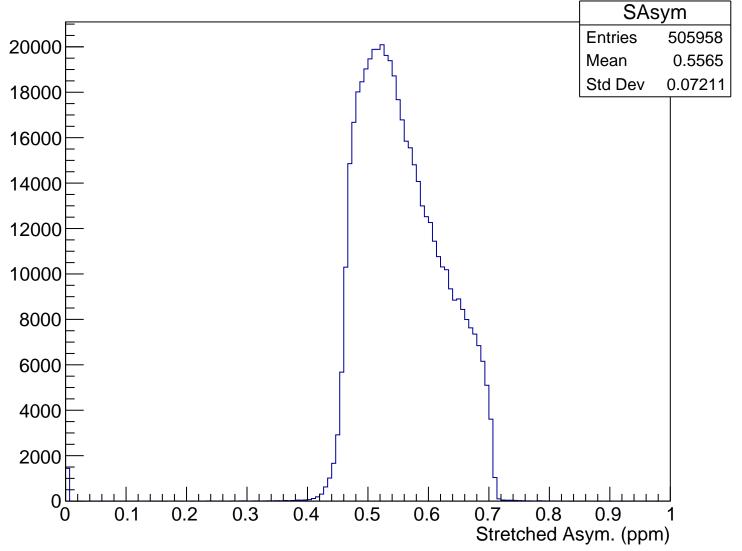


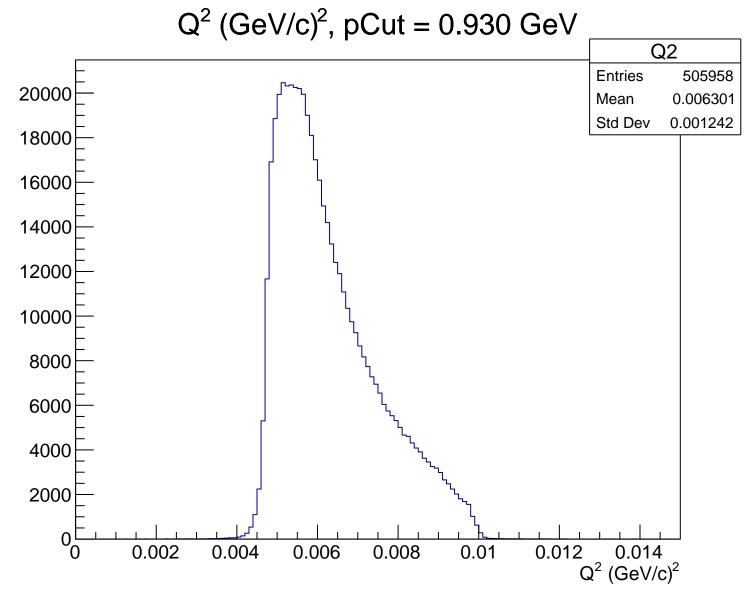
 $\theta_{lab}$  (deg), pCut = 0.930 GeV Theta **Entries** 505958 20000 Mean 4.782 Std Dev 0.4597 18000 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.930 GeV

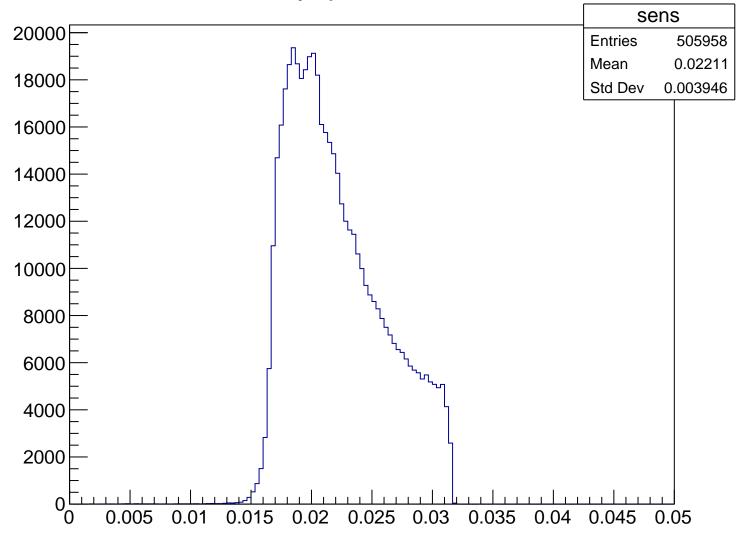


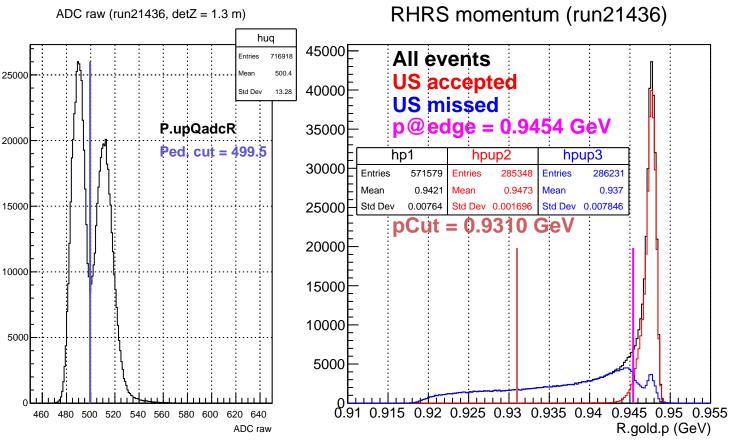
Stretched Asym. (ppm), pCut = 0.930 GeV





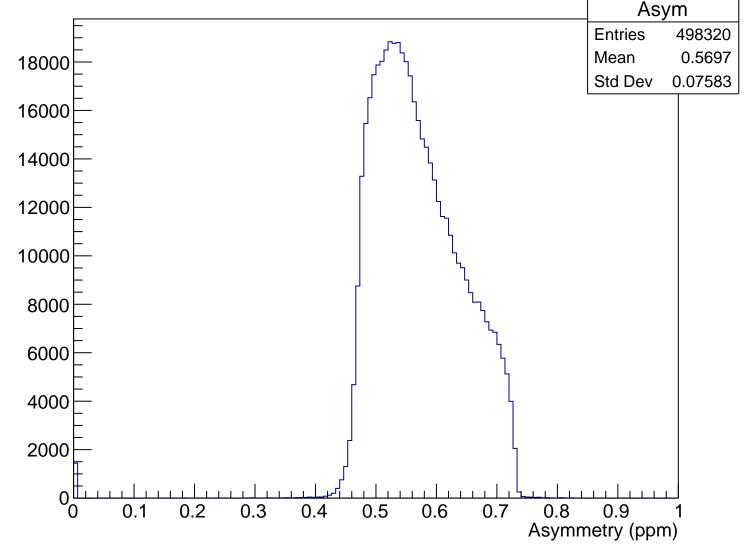
Sensitivity, pCut = 0.930 GeV



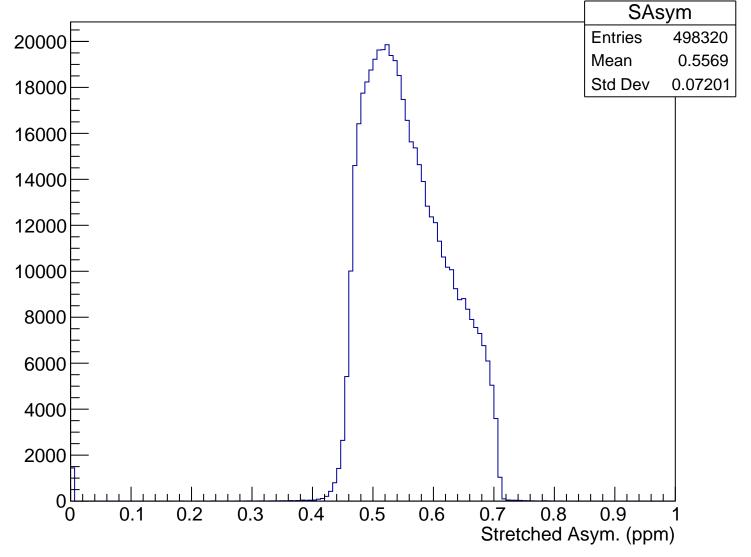


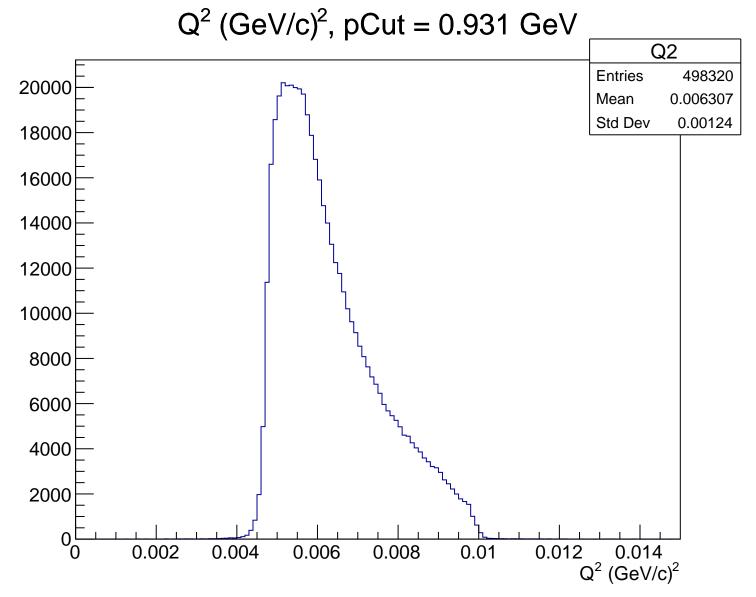
 $\theta_{lab}$  (deg), pCut = 0.931 GeV Theta 20000 **Entries** 498320 Mean 4.783 18000 Std Dev 0.4588 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.931 GeV

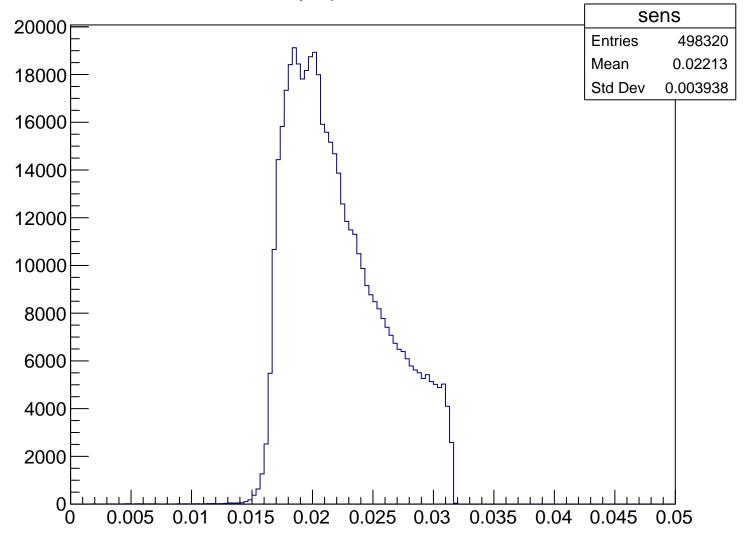


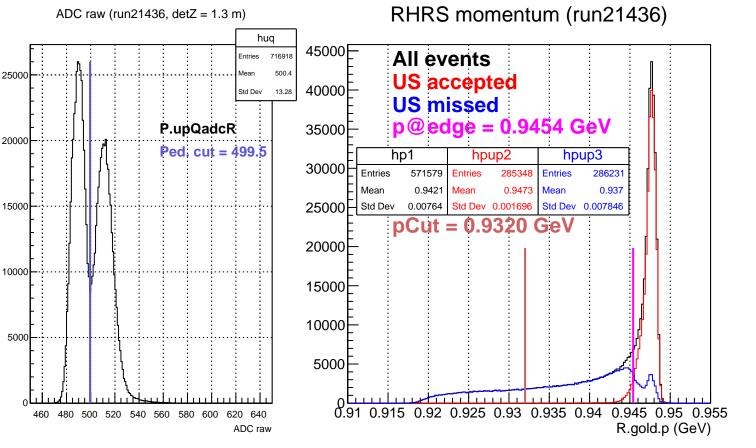
Stretched Asym. (ppm), pCut = 0.931 GeV





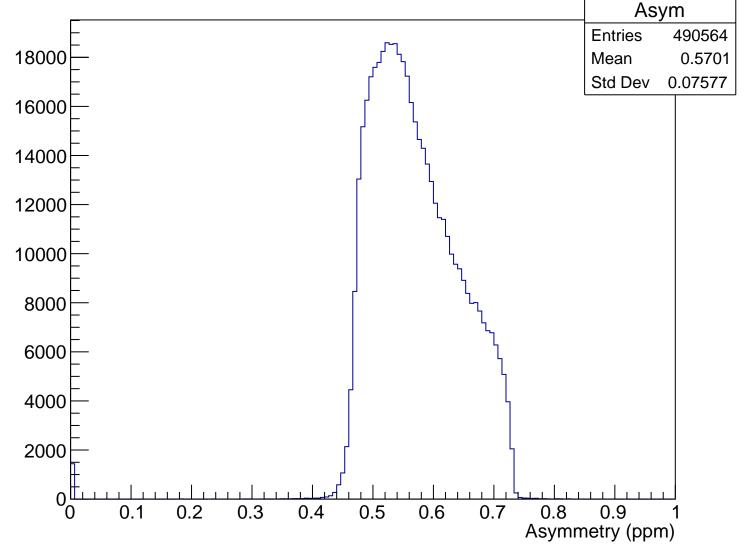
Sensitivity, pCut = 0.931 GeV



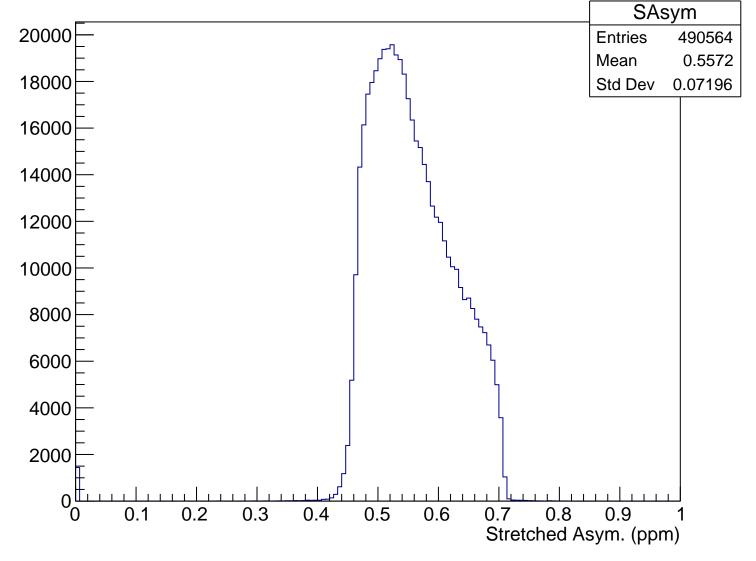


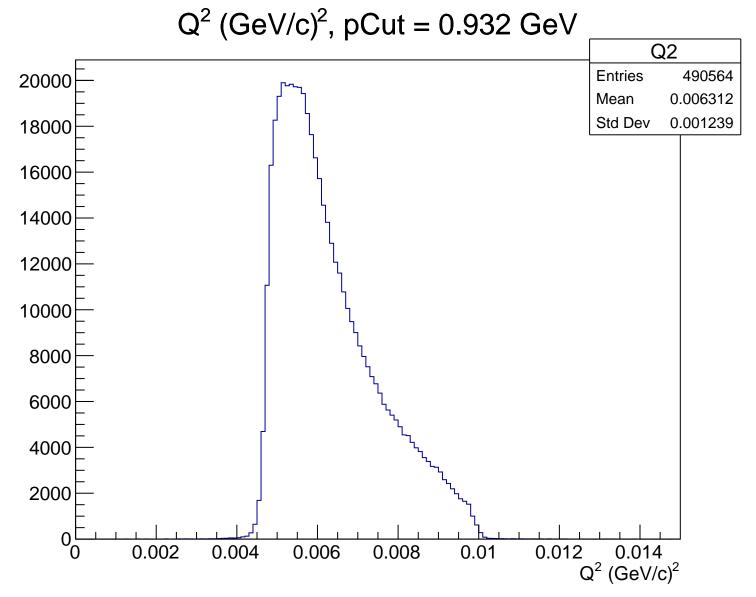
 $\theta_{lab}$  (deg), pCut = 0.932 GeV Theta 20000 **Entries** 490564 Mean 4.785 18000 Std Dev 0.4583 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

### Asymmetry (ppm), pCut = 0.932 GeV

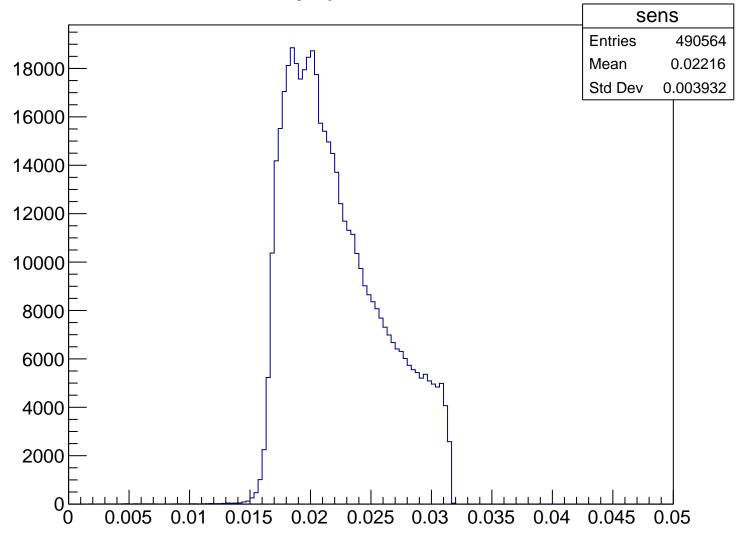


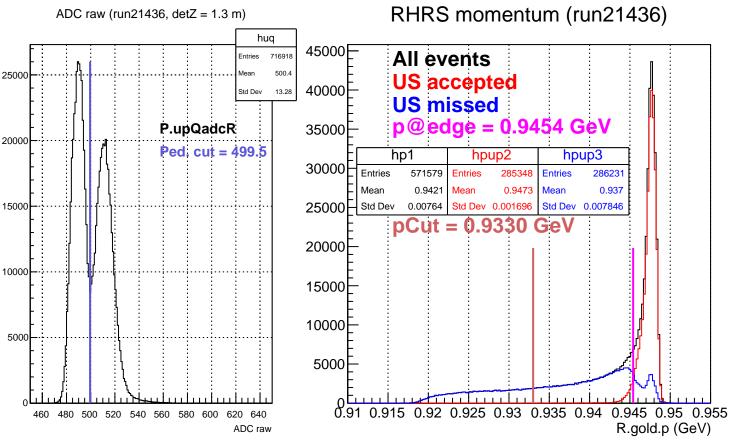
Stretched Asym. (ppm), pCut = 0.932 GeV





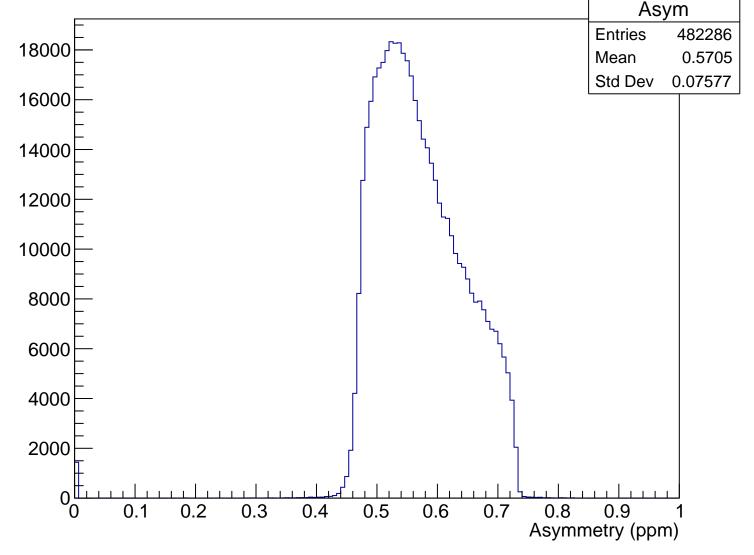
Sensitivity, pCut = 0.932 GeV



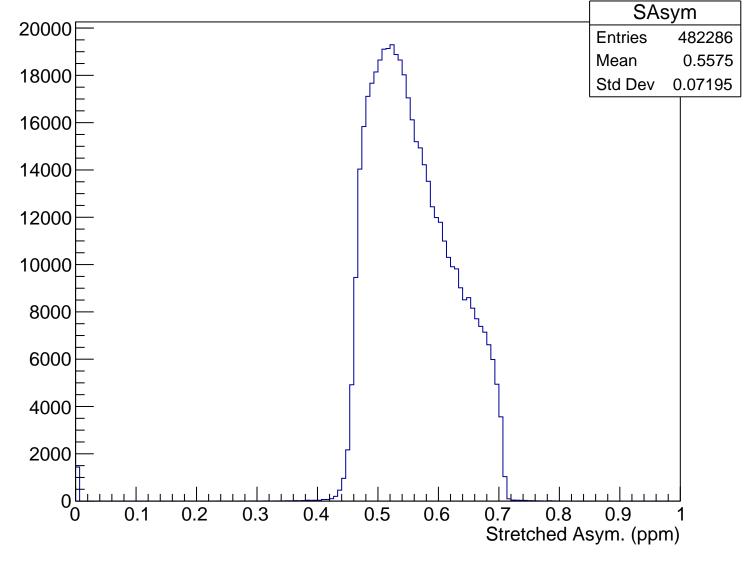


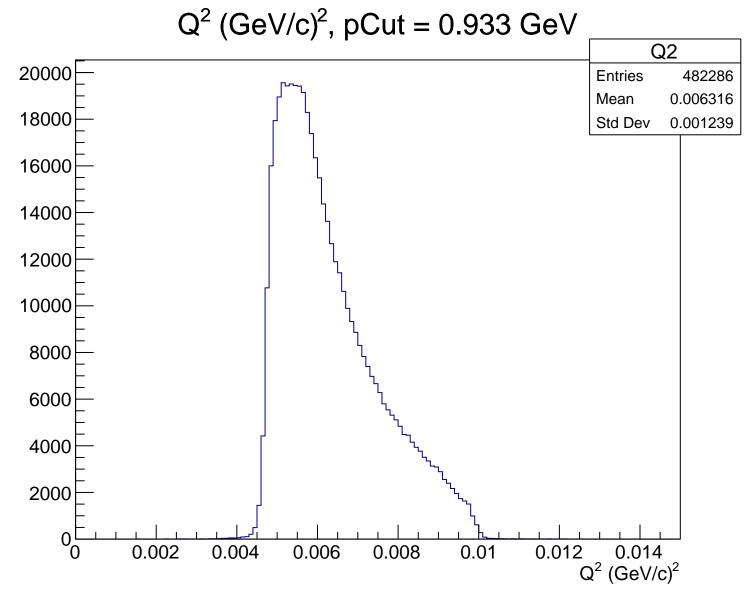
 $\theta_{lab}$  (deg), pCut = 0.933 GeV Theta 20000 **Entries** 482286 Mean 4.786 18000 Std Dev 0.4579 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.933 GeV

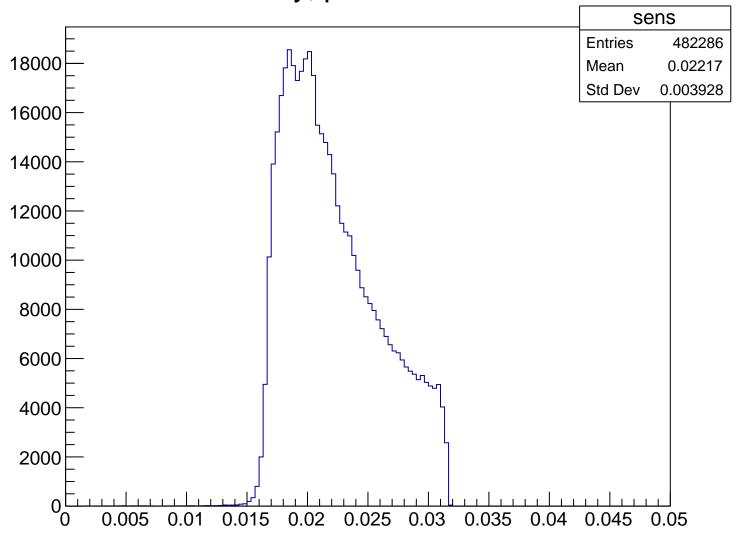


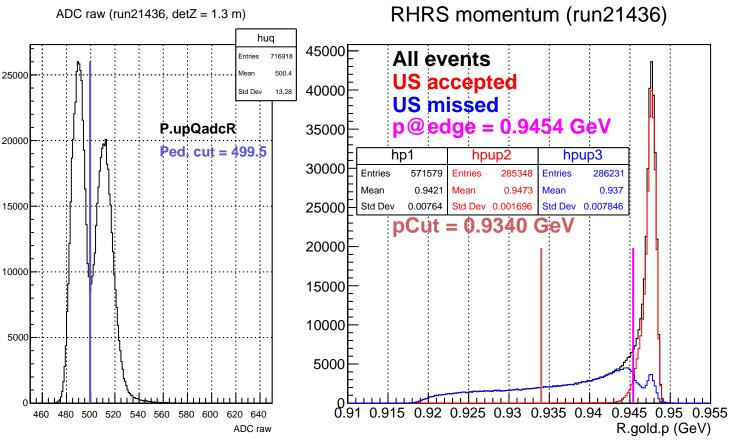
Stretched Asym. (ppm), pCut = 0.933 GeV





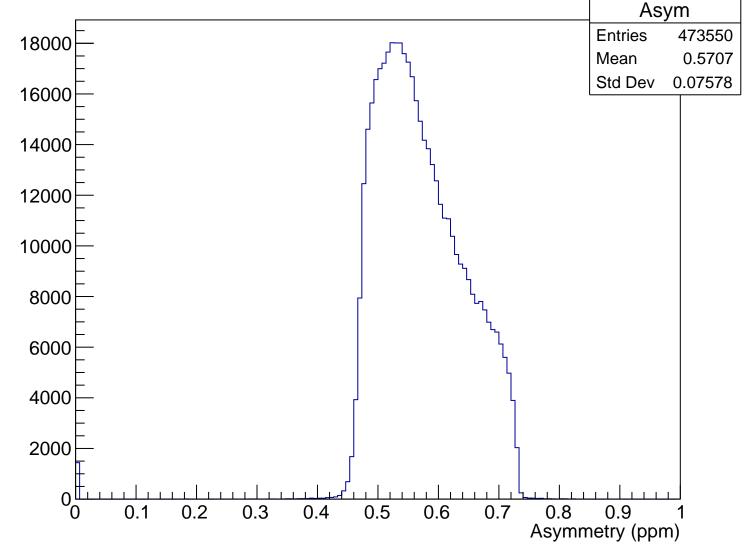
Sensitivity, pCut = 0.933 GeV



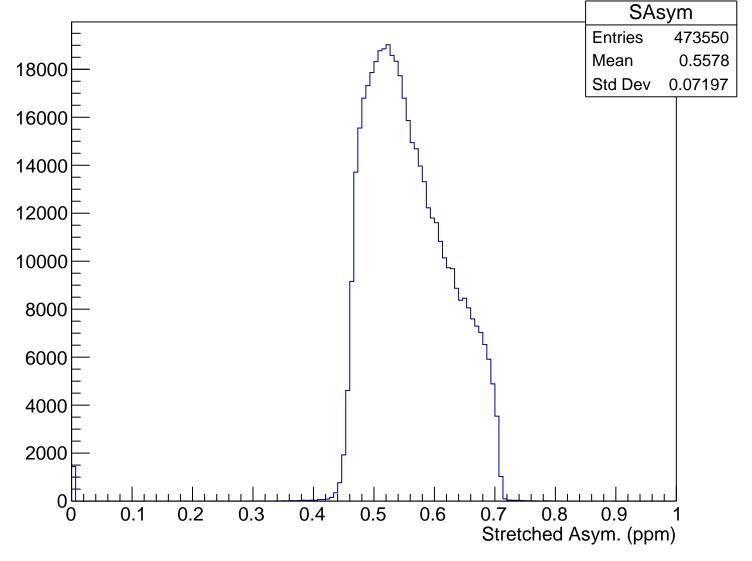


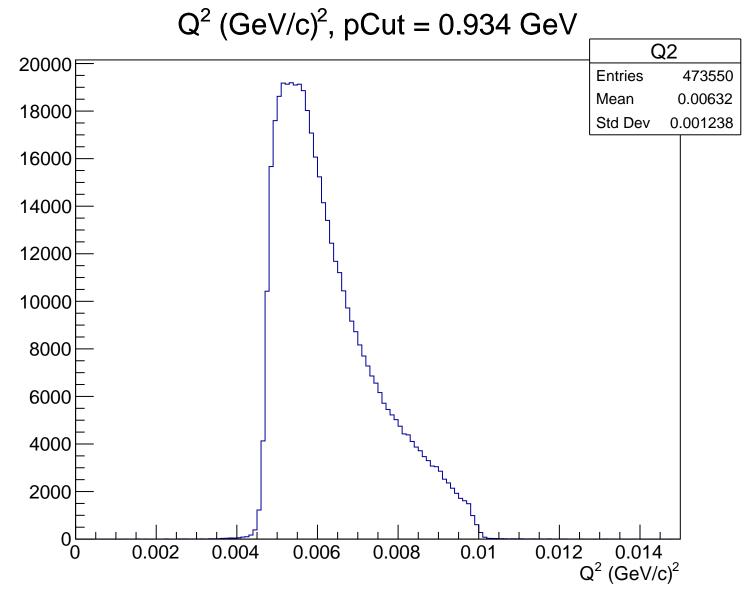
 $\theta_{lab}$  (deg), pCut = 0.934 GeV Theta **Entries** 473550 Mean 4.787 18000 Std Dev 0.4575 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

### Asymmetry (ppm), pCut = 0.934 GeV

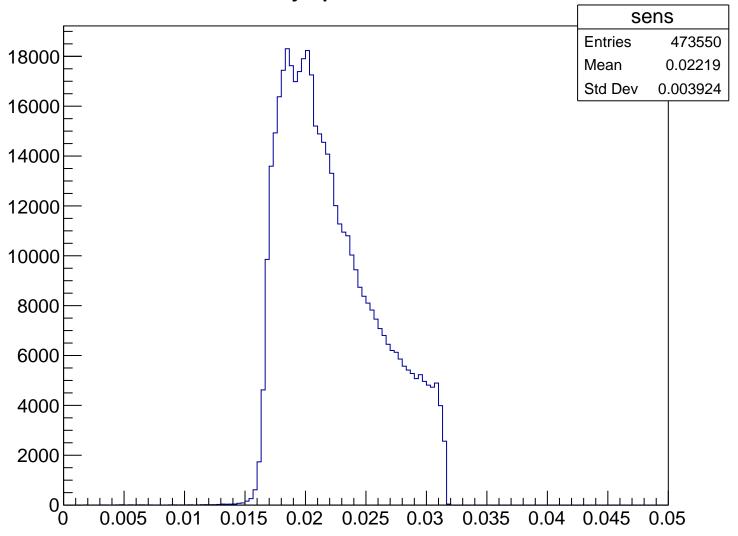


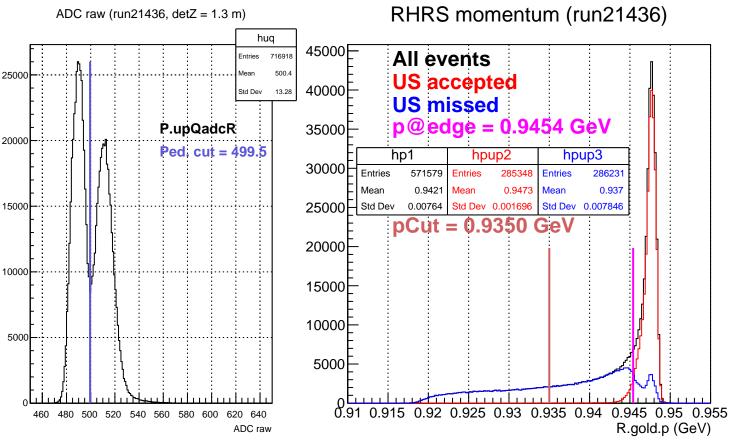
#### Stretched Asym. (ppm), pCut = 0.934 GeV





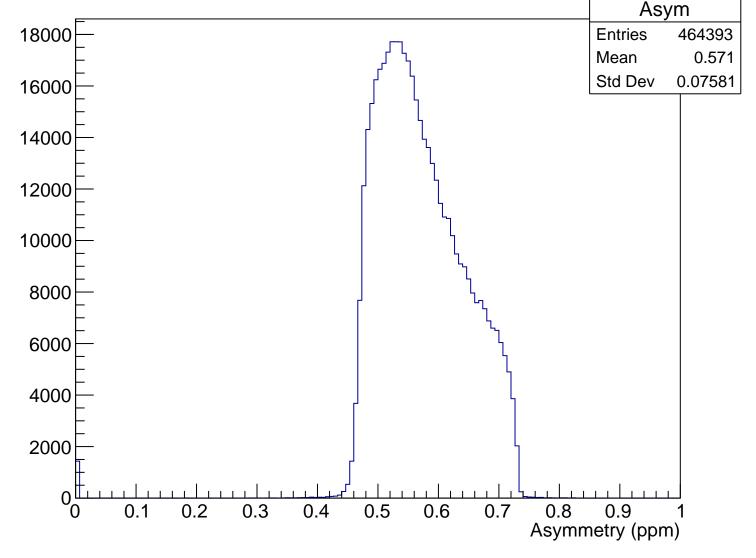
Sensitivity, pCut = 0.934 GeV



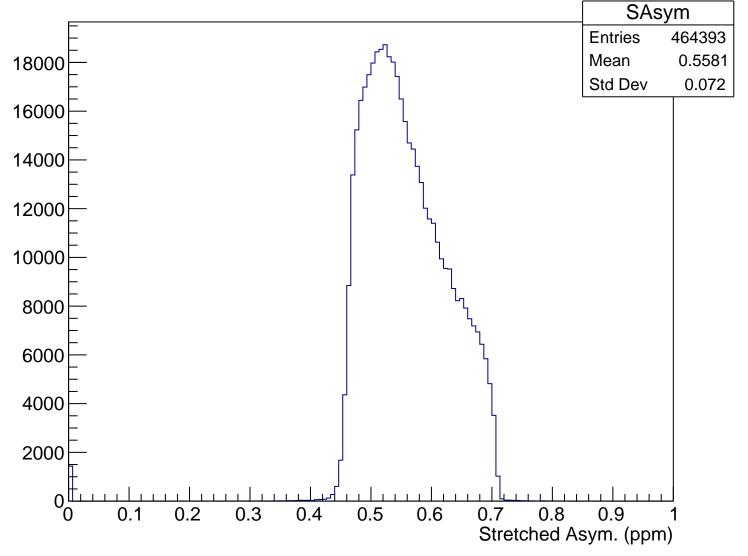


 $\theta_{lab}$  (deg), pCut = 0.935 GeV Theta **Entries** 464393 18000 Mean 4.788 Std Dev 0.4573 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.935 GeV

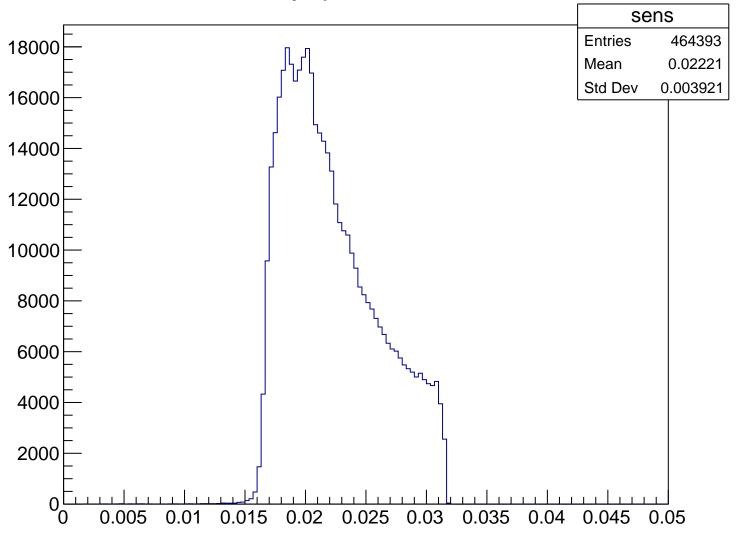


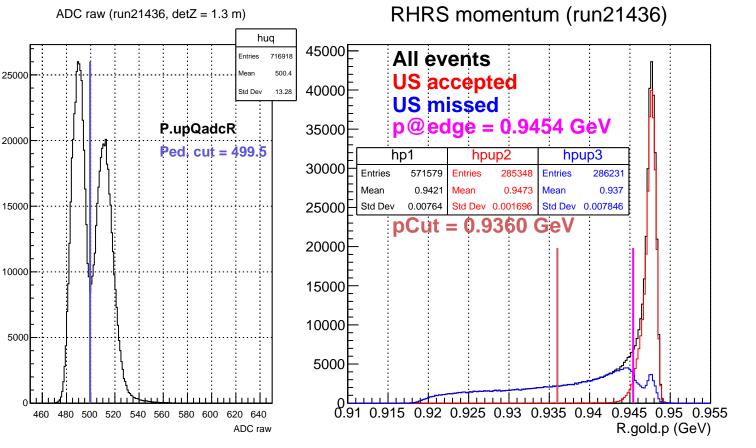
Stretched Asym. (ppm), pCut = 0.935 GeV



 $Q^{2} (GeV/c)^{2}$ , pCut = 0.935 GeV Q2 **Entries** 464393 0.006323 Mean 18000 Std Dev 0.001238 16000 14000 12000 10000 8000 6000 4000 2000 0 0.014 Q² (GeV/c)² 0.002 0.004 0.006 0.012 0.008 0.01

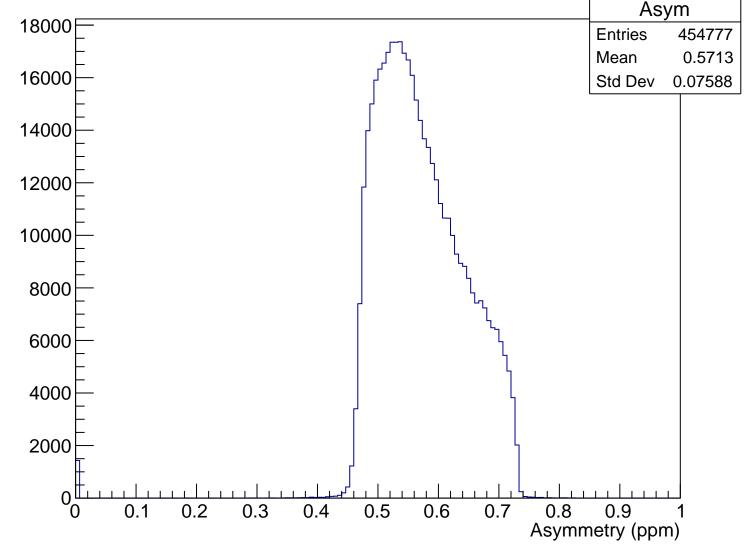
Sensitivity, pCut = 0.935 GeV



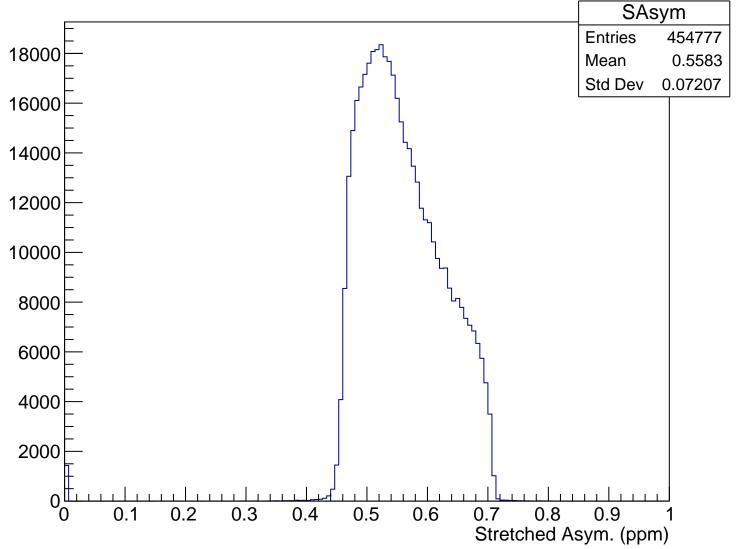


 $\theta_{lab}$  (deg), pCut = 0.936 GeV Theta **Entries** 454777 18000 Mean 4.788 Std Dev 0.4571 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.936 GeV

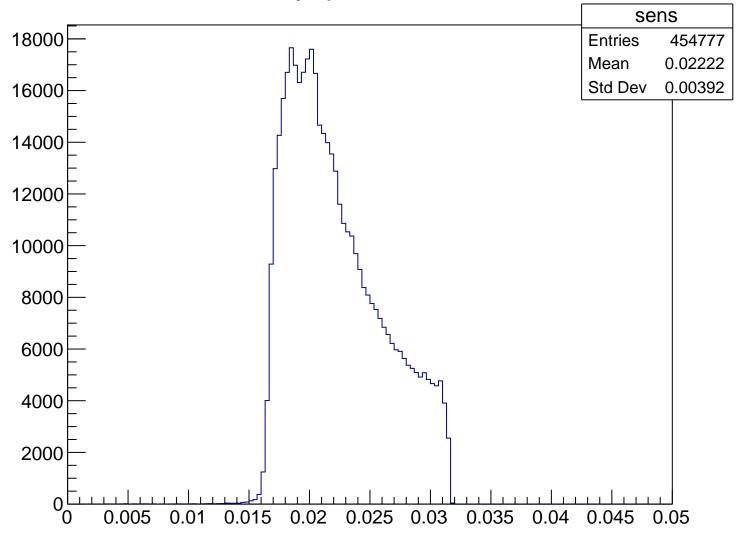


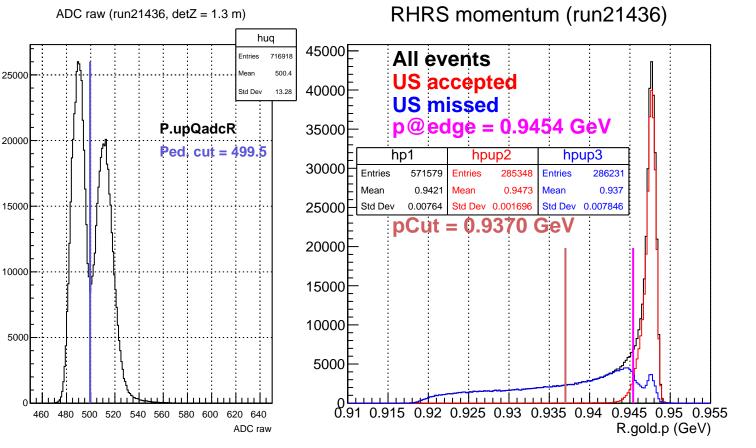
Stretched Asym. (ppm), pCut = 0.936 GeV



 $Q^{2} (GeV/c)^{2}$ , pCut = 0.936 GeV Q2 **Entries** 454777 18000 0.006326 Mean Std Dev 0.001238 16000 14000 12000 10000 8000 6000 4000 2000 0 0.014 Q² (GeV/c)² 0.002 0.004 0.006 0.012 0.008 0.01

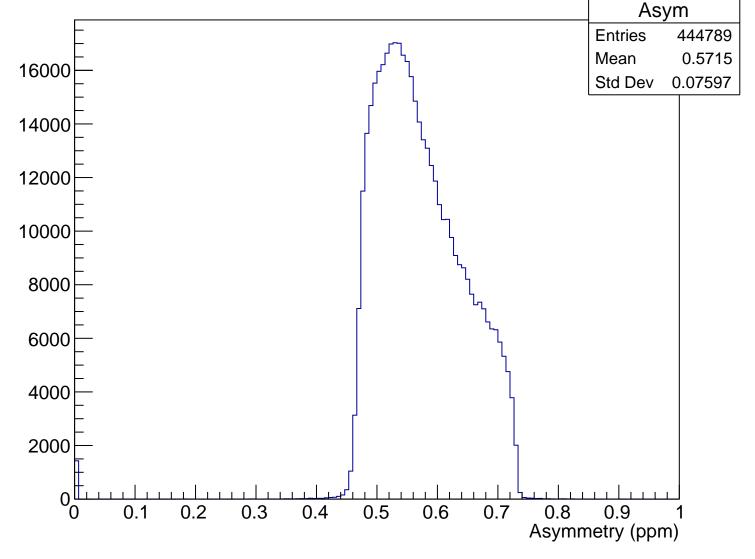
Sensitivity, pCut = 0.936 GeV



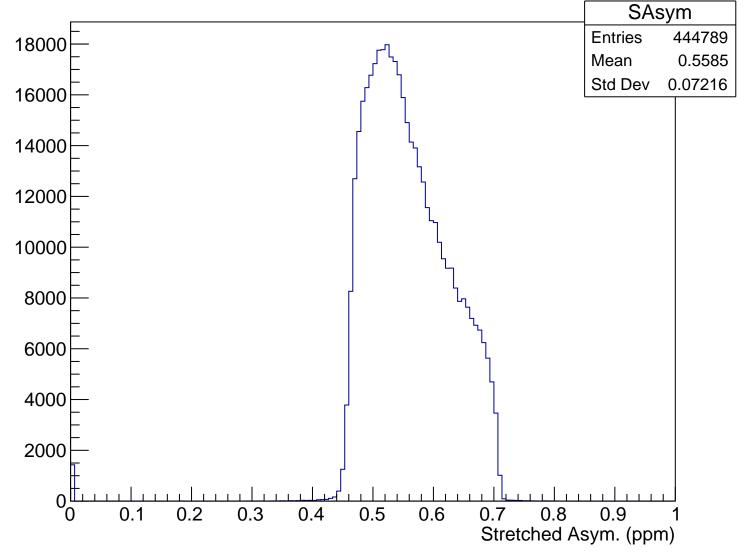


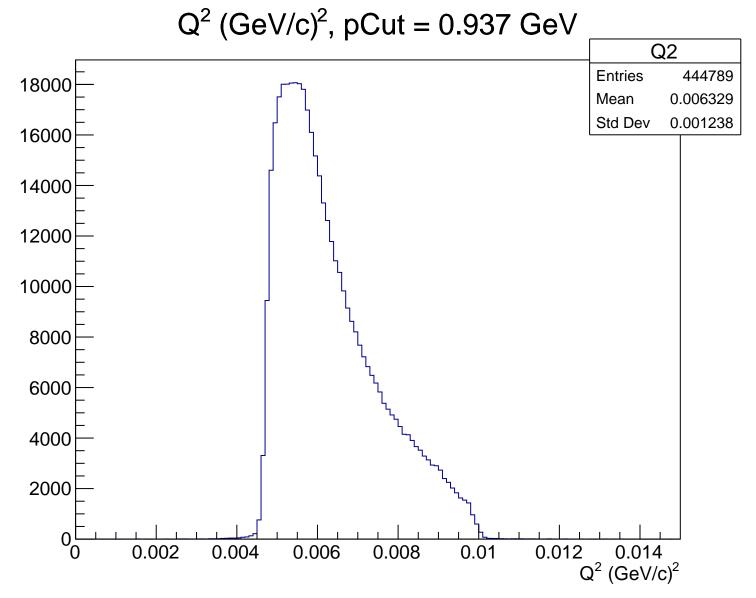
 $\theta_{lab}$  (deg), pCut = 0.937 GeV Theta 18000 **Entries** 444789 Mean 4.789 Std Dev 0.457 16000 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.937 GeV

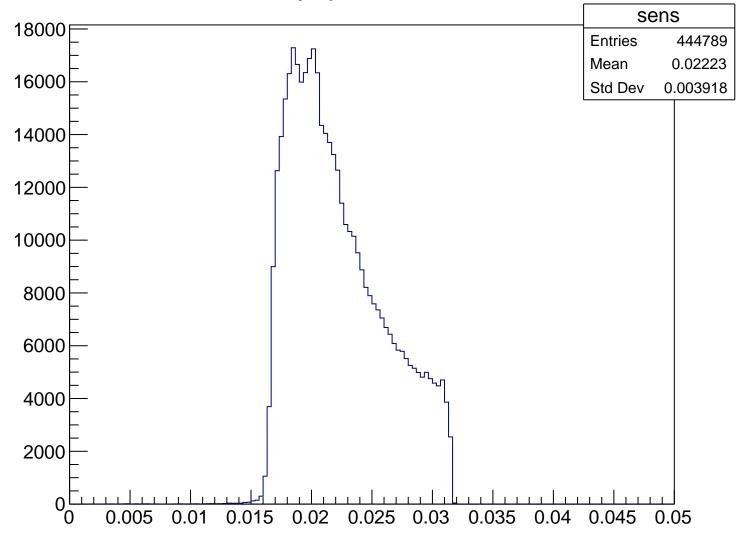


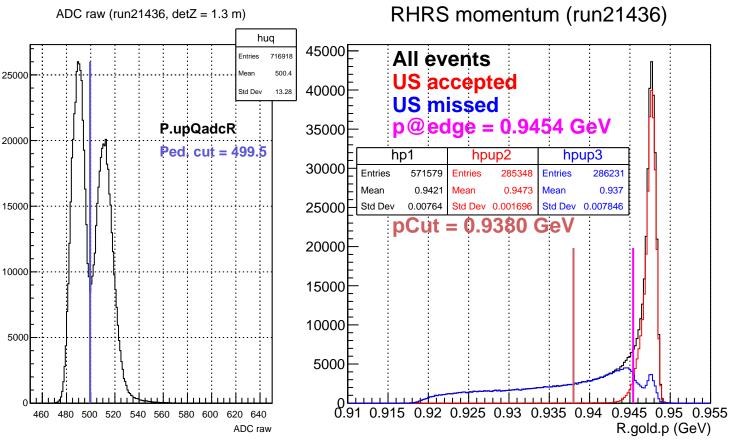
Stretched Asym. (ppm), pCut = 0.937 GeV





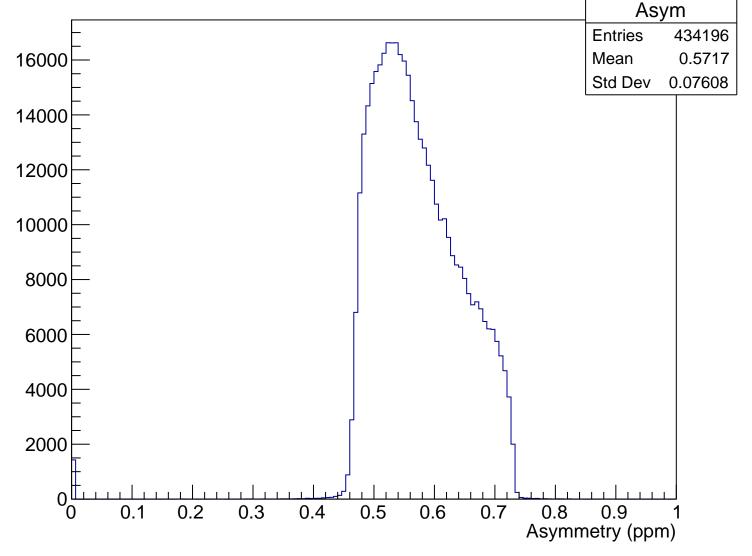
Sensitivity, pCut = 0.937 GeV



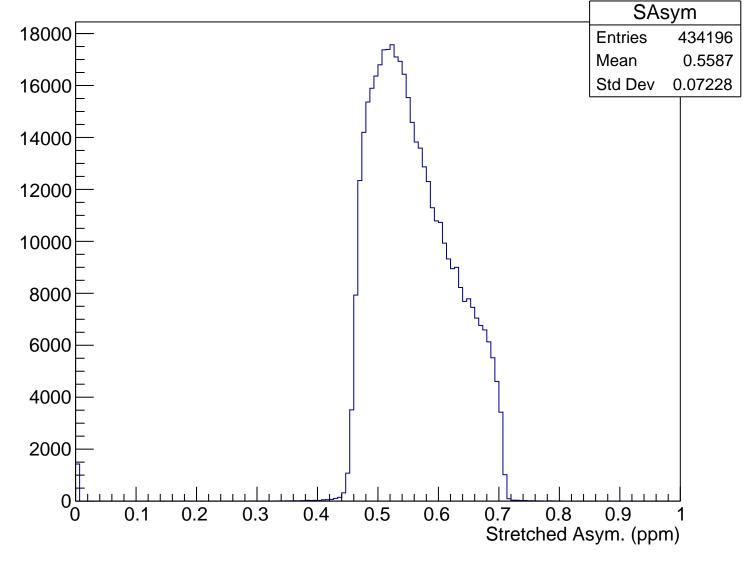


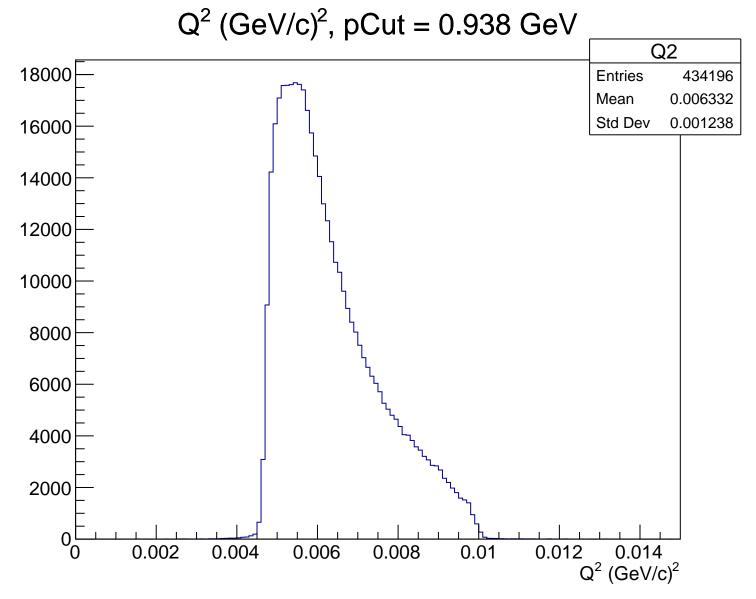
 $\theta_{lab}$  (deg), pCut = 0.938 GeV Theta 18000 **Entries** 434196 Mean 4.789 16000 Std Dev 0.4568 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.938 GeV

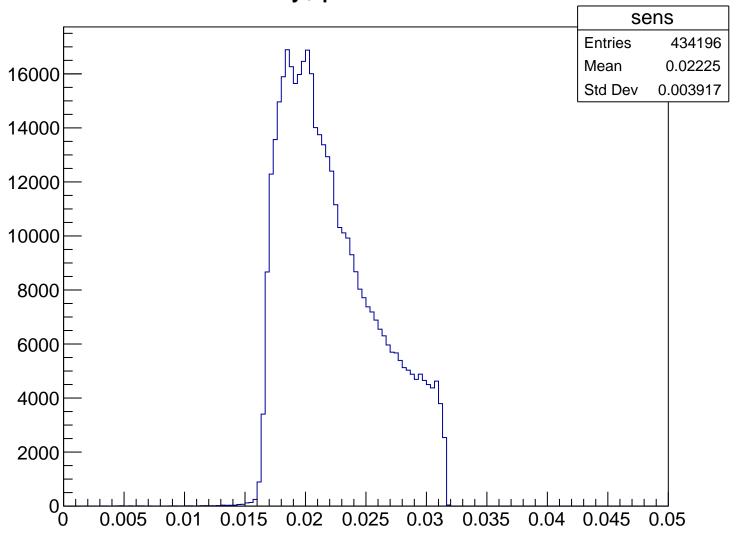


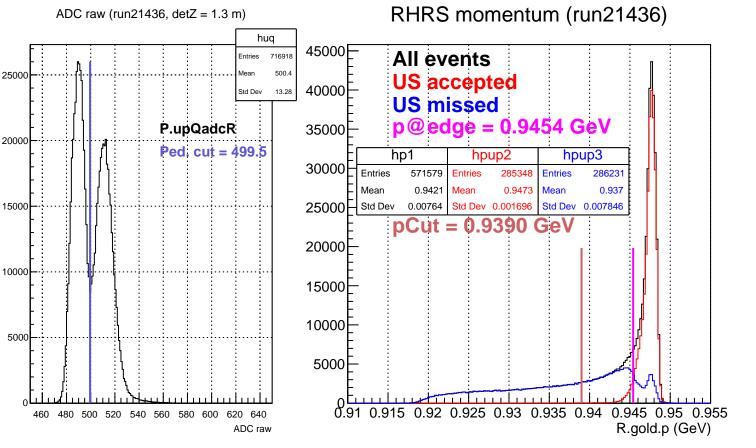
Stretched Asym. (ppm), pCut = 0.938 GeV





Sensitivity, pCut = 0.938 GeV



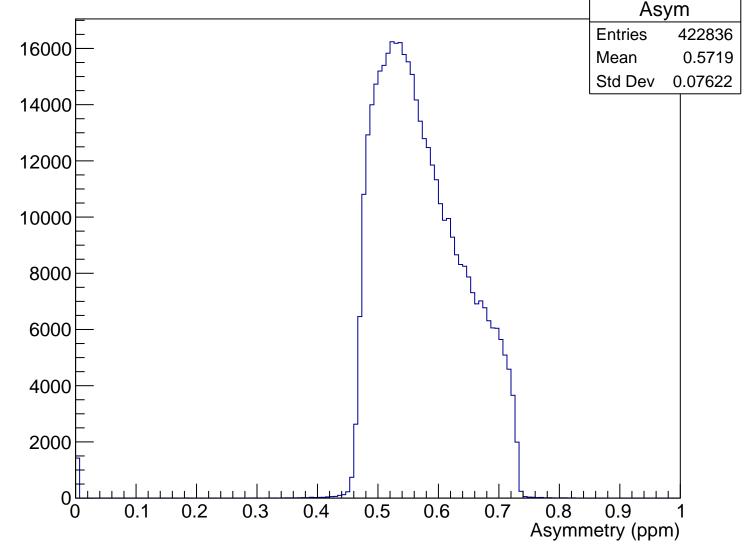


 $\theta_{lab}$  (deg), pCut = 0.939 GeV Theta **Entries** 422836 Mean 4.79 16000 Std Dev 0.4568 14000 12000 10000 8000 6000 4000 2000

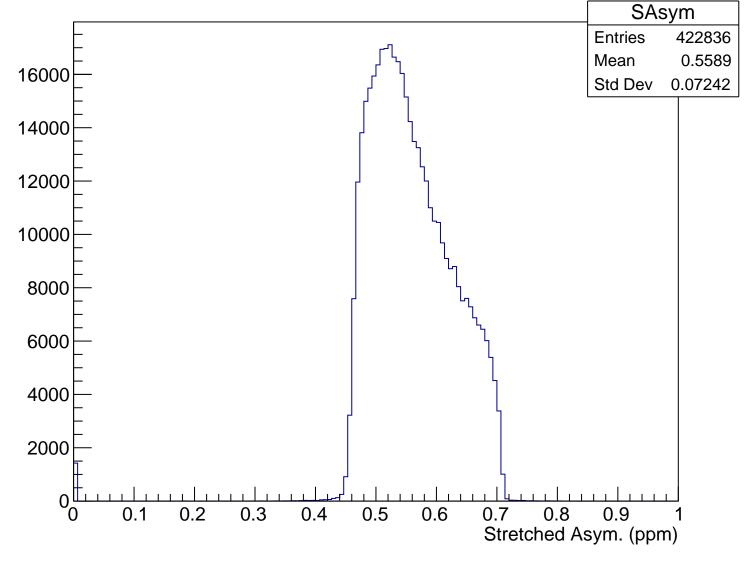
5

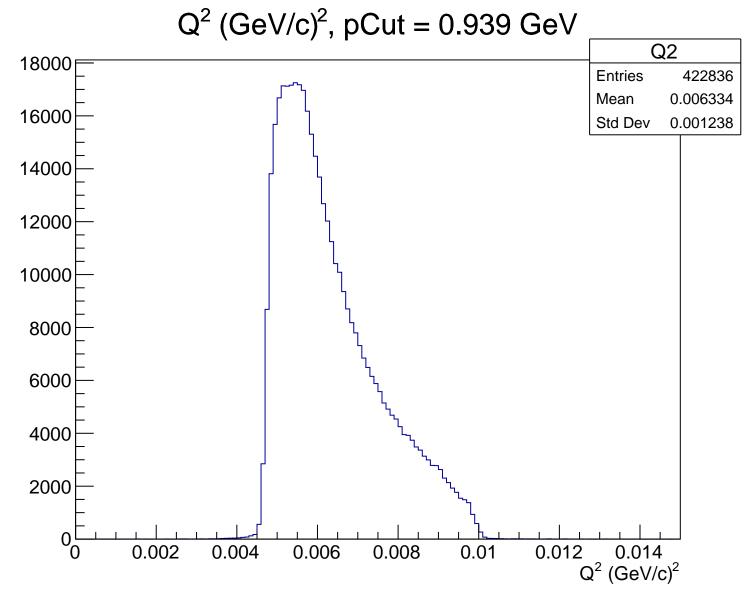
 $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.939 GeV

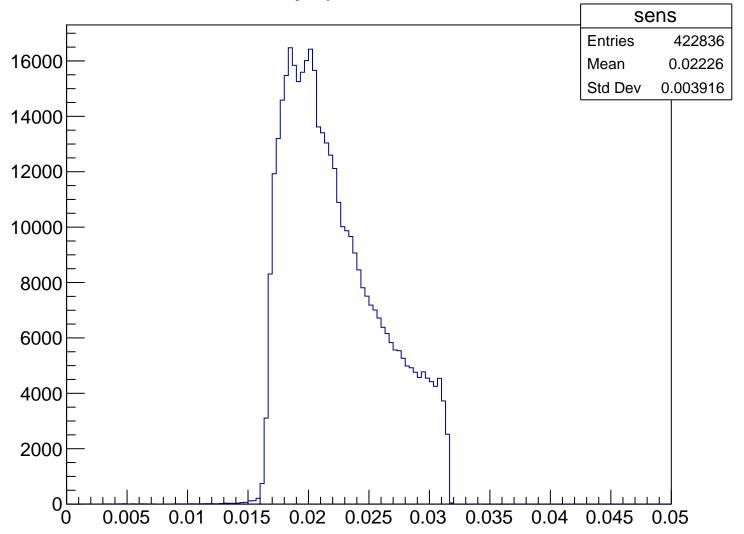


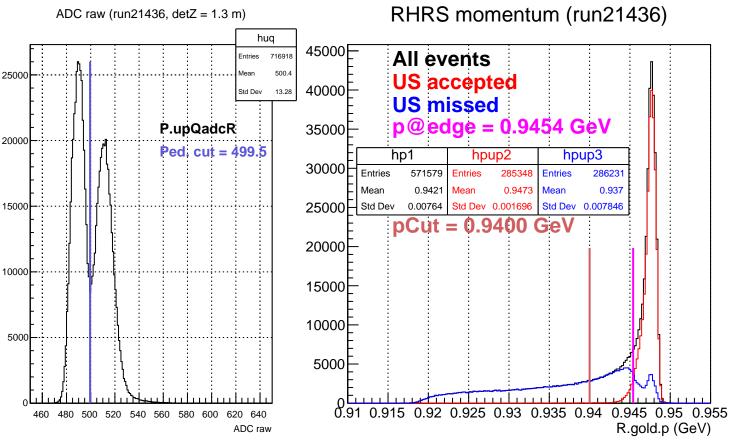
#### Stretched Asym. (ppm), pCut = 0.939 GeV





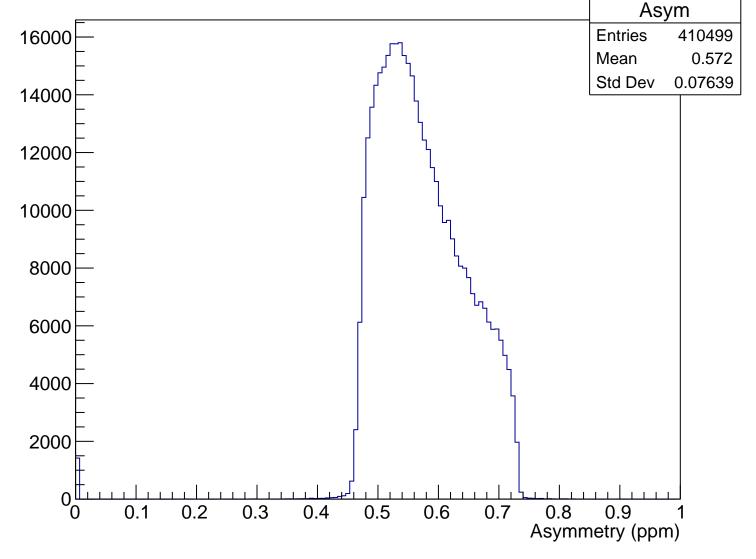
Sensitivity, pCut = 0.939 GeV



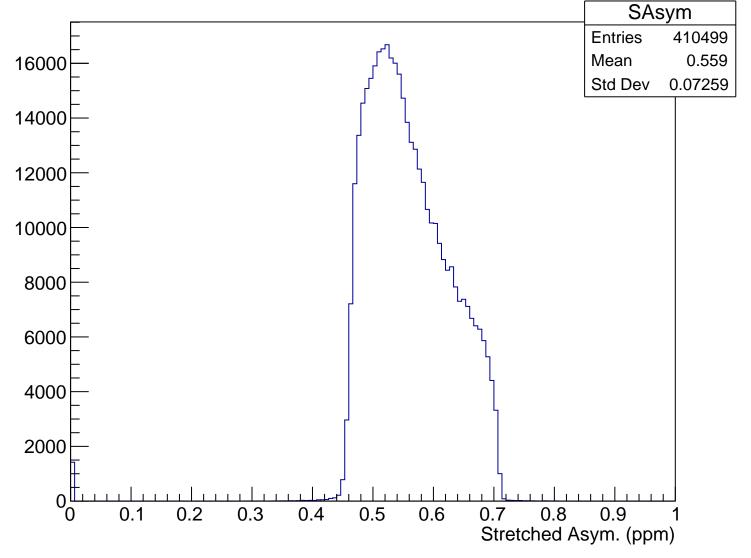


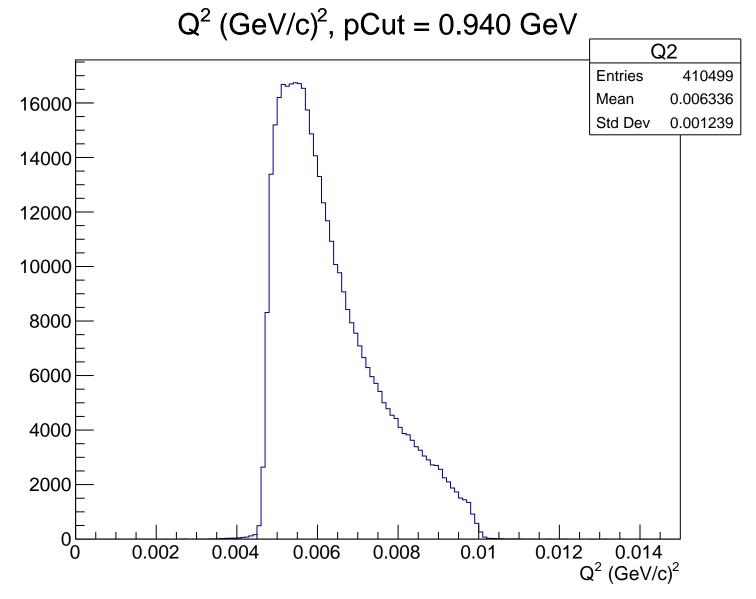
 $\theta_{lab}$  (deg), pCut = 0.940 GeV Theta **Entries** 410499 16000 Mean 4.79 Std Dev 0.4568 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.940 GeV

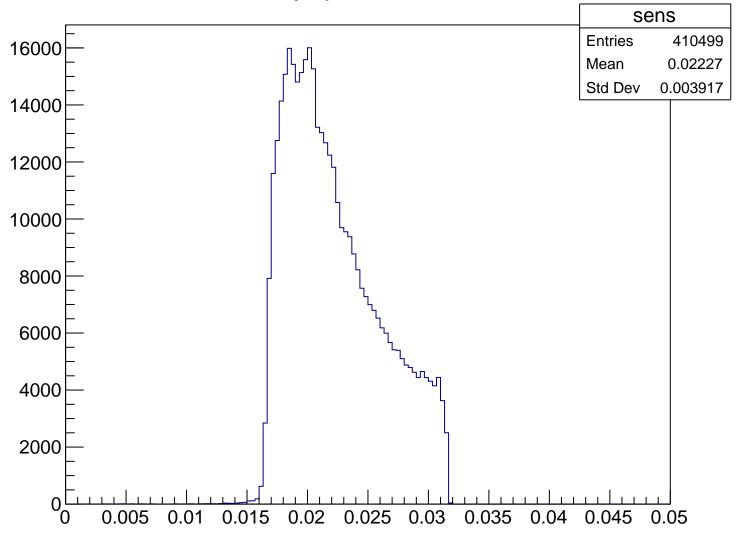


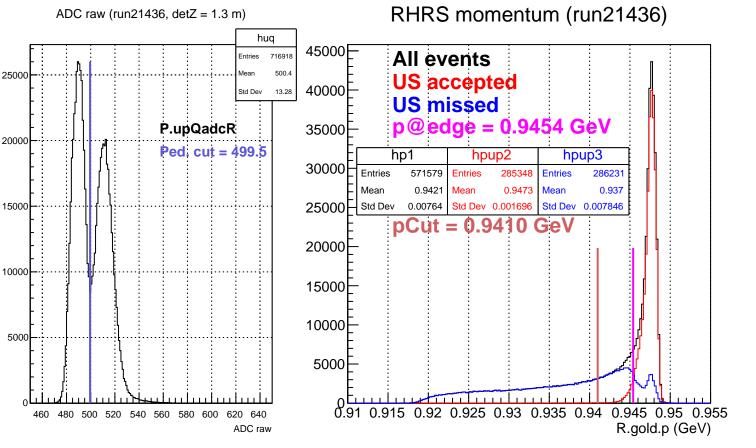
#### Stretched Asym. (ppm), pCut = 0.940 GeV





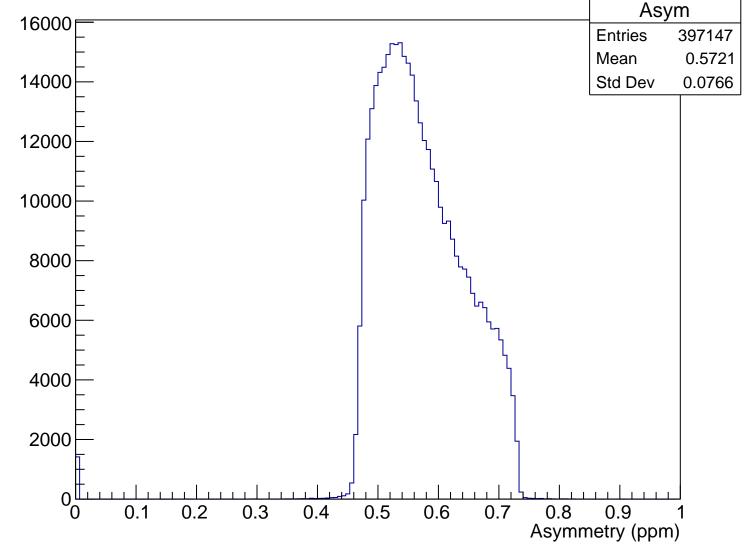
Sensitivity, pCut = 0.940 GeV



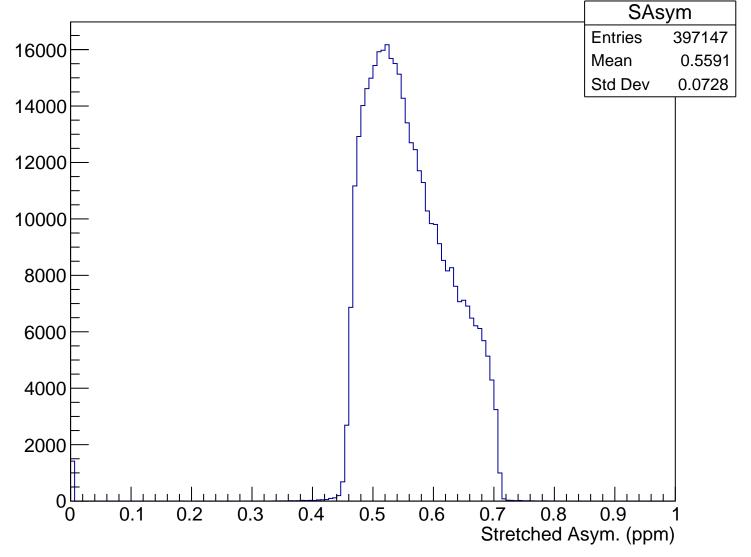


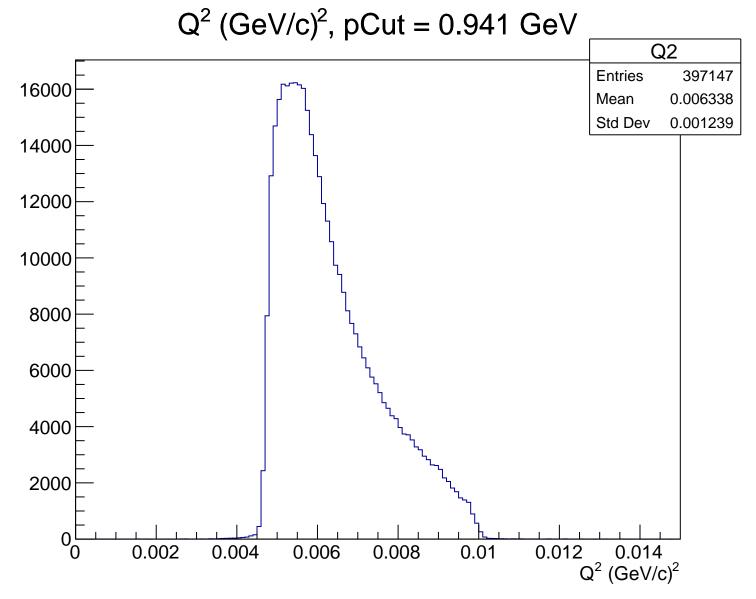
 $\theta_{lab}$  (deg), pCut = 0.941 GeV Theta **Entries** 16000 397147 Mean 4.79 Std Dev 0.4568 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.941 GeV

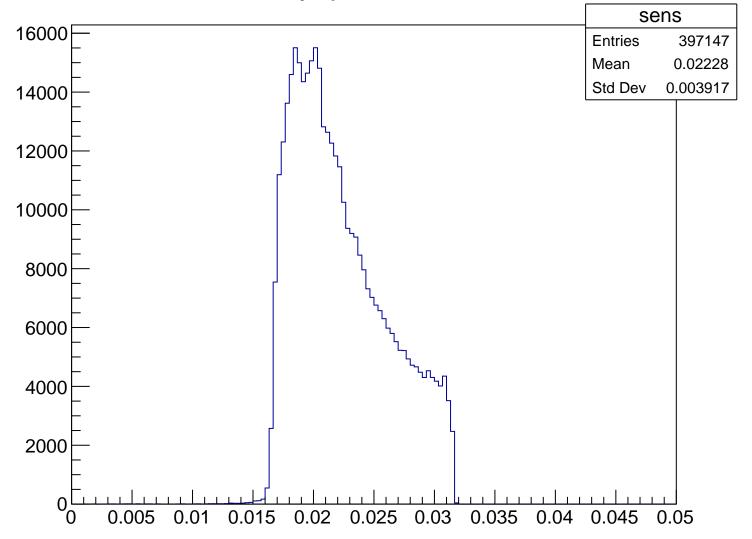


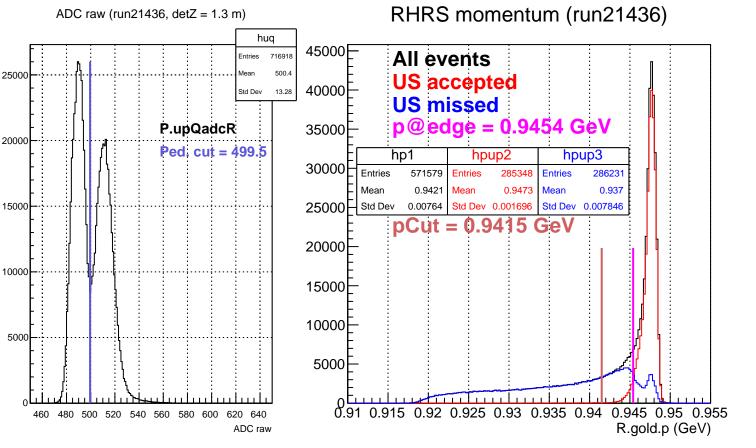
Stretched Asym. (ppm), pCut = 0.941 GeV





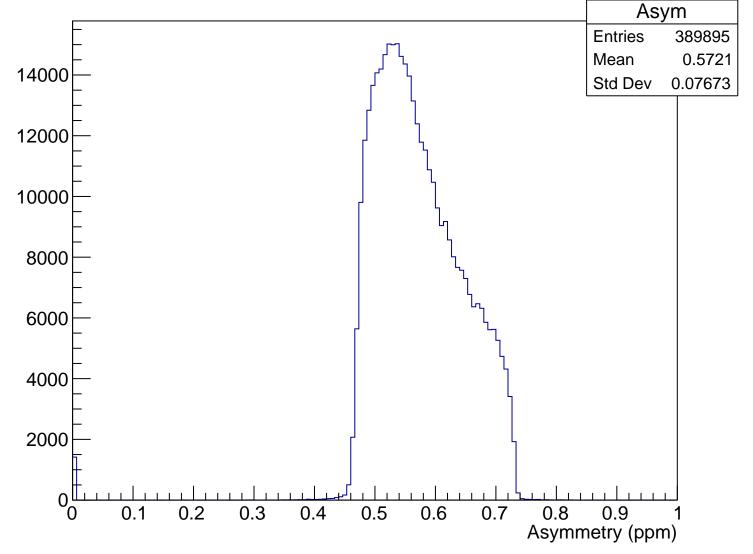
Sensitivity, pCut = 0.941 GeV



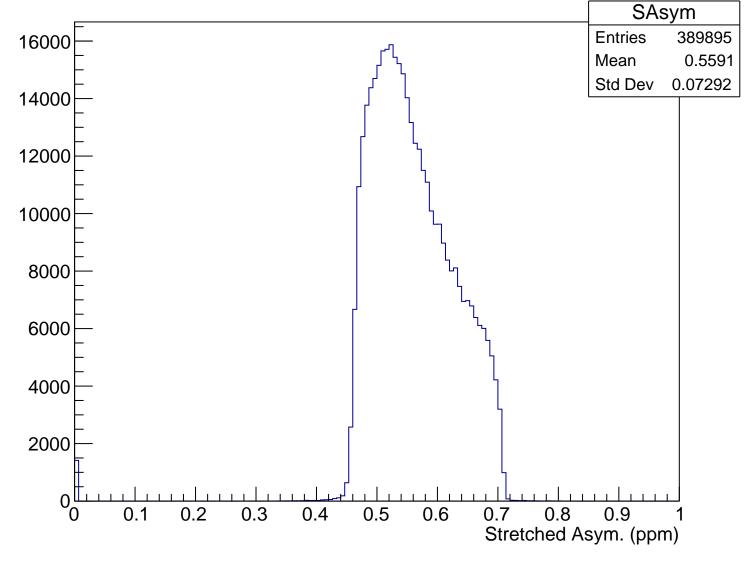


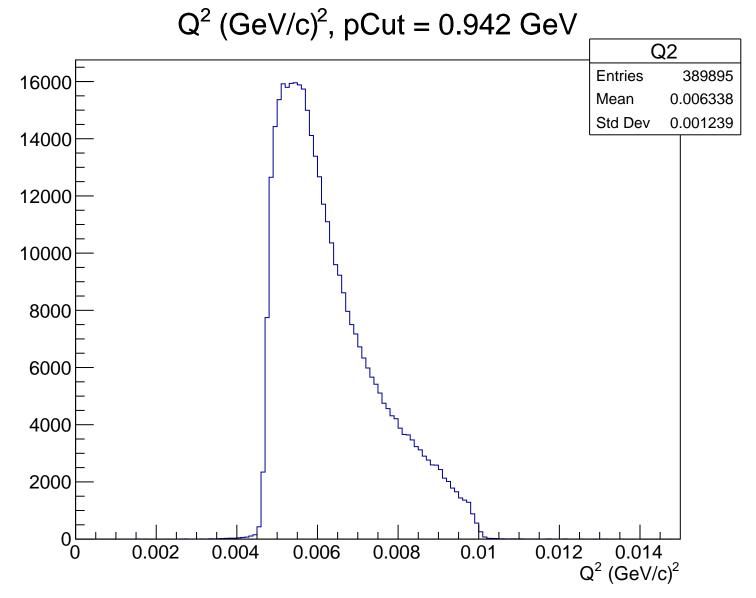
 $\theta_{lab}$  (deg), pCut = 0.942 GeV Theta 16000 **Entries** 389895 Mean 4.79 Std Dev 0.4567 14000 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.942 GeV

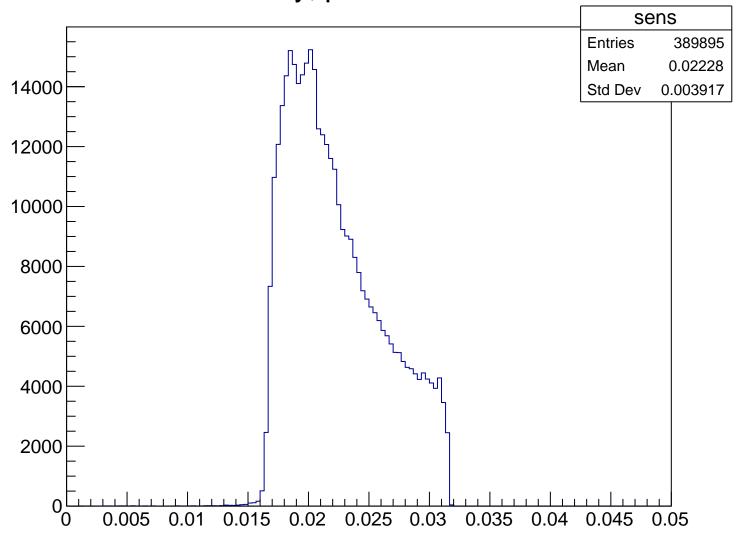


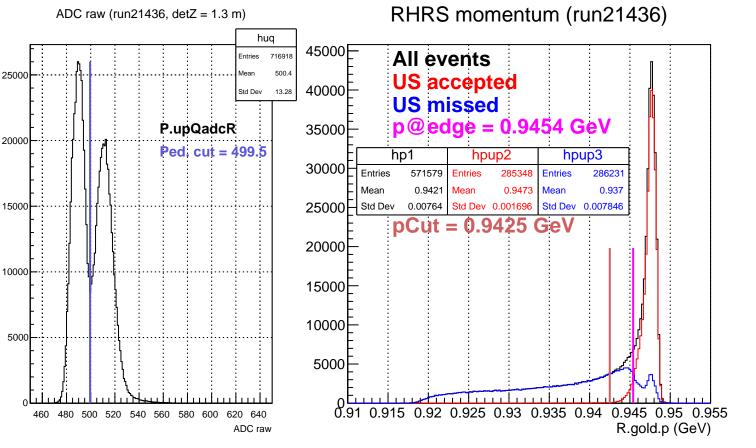
Stretched Asym. (ppm), pCut = 0.942 GeV



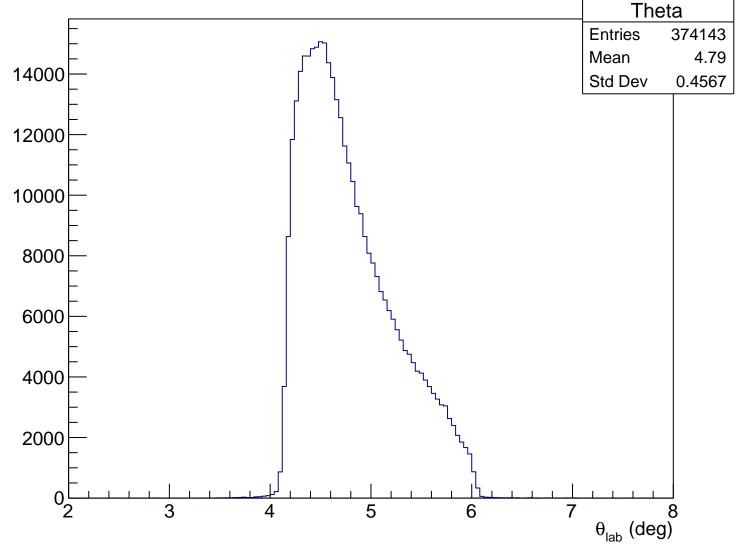


Sensitivity, pCut = 0.942 GeV

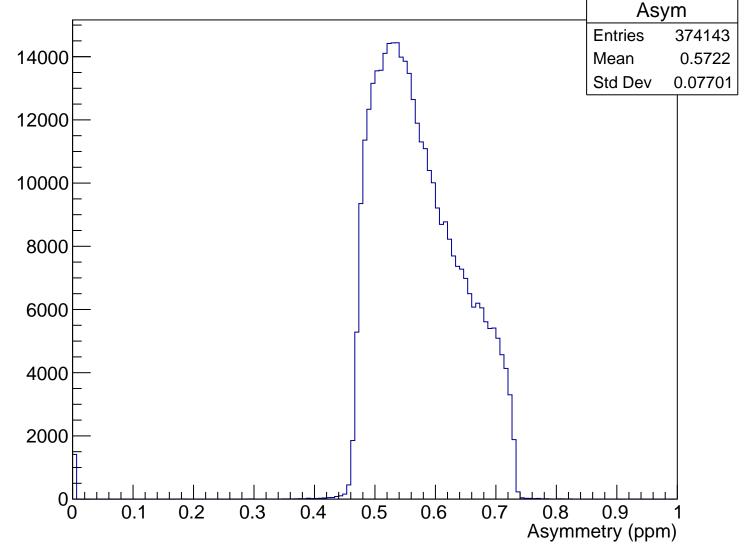




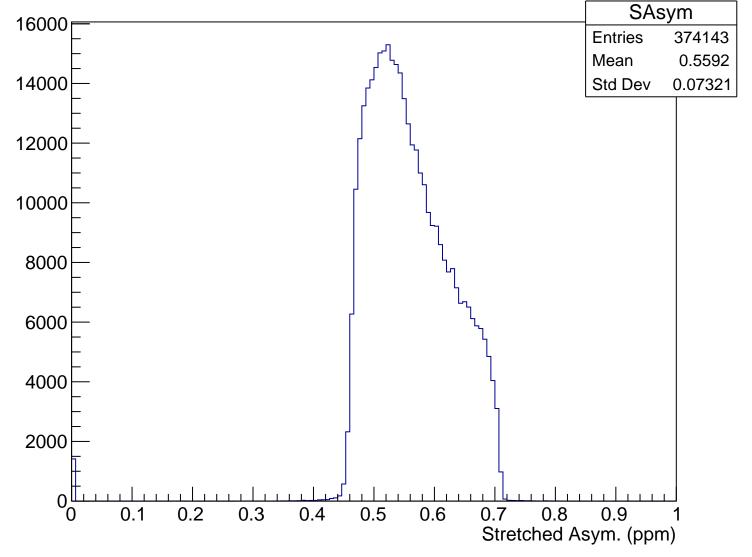
 $\theta_{lab}$  (deg), pCut = 0.943 GeV

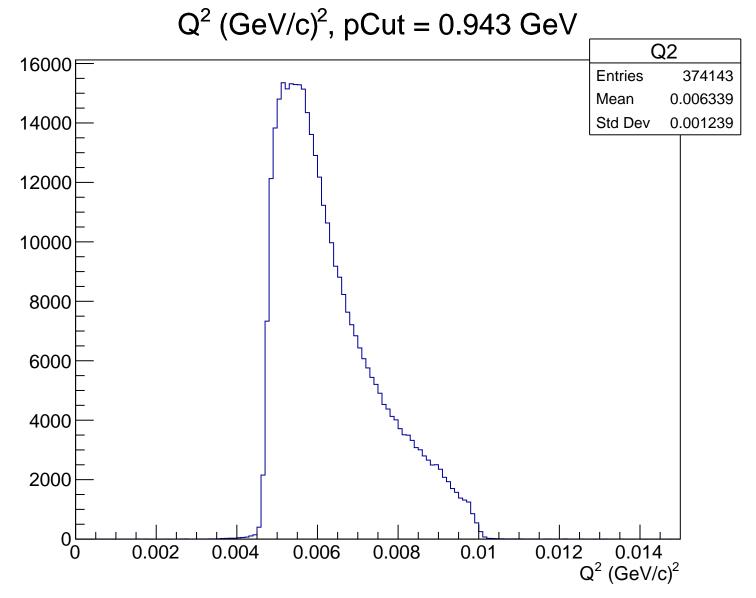


# Asymmetry (ppm), pCut = 0.943 GeV

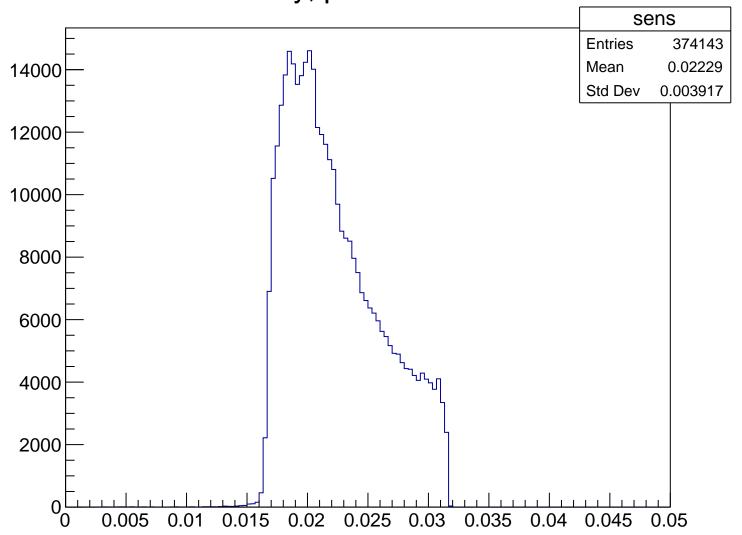


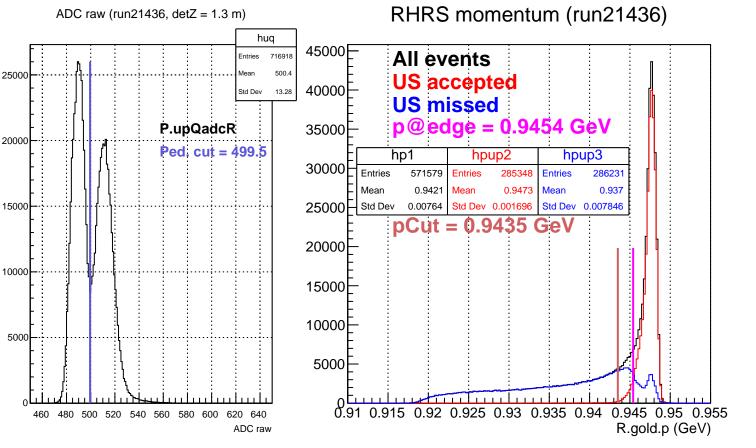
Stretched Asym. (ppm), pCut = 0.943 GeV





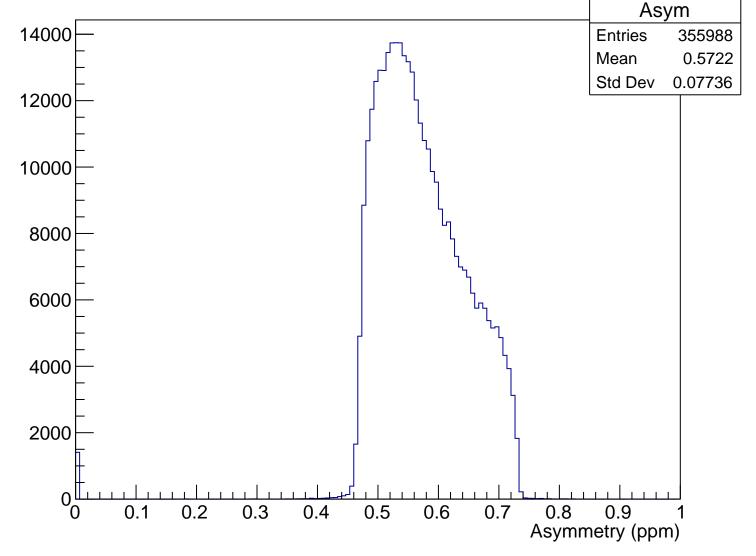
Sensitivity, pCut = 0.943 GeV



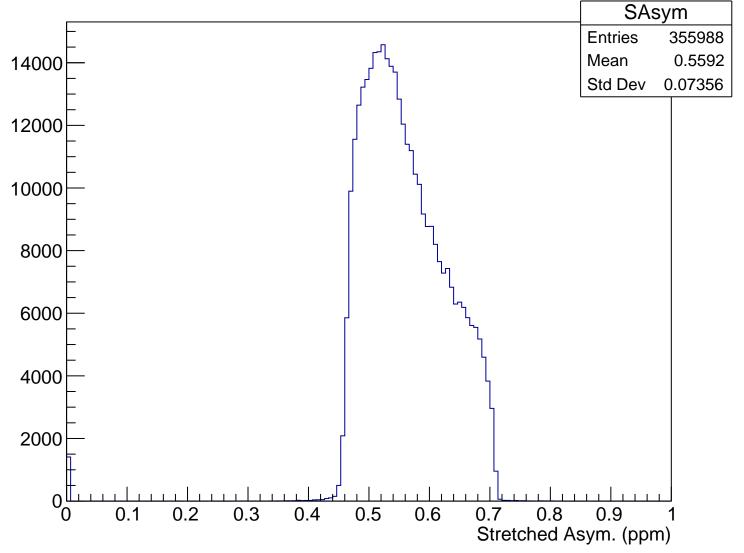


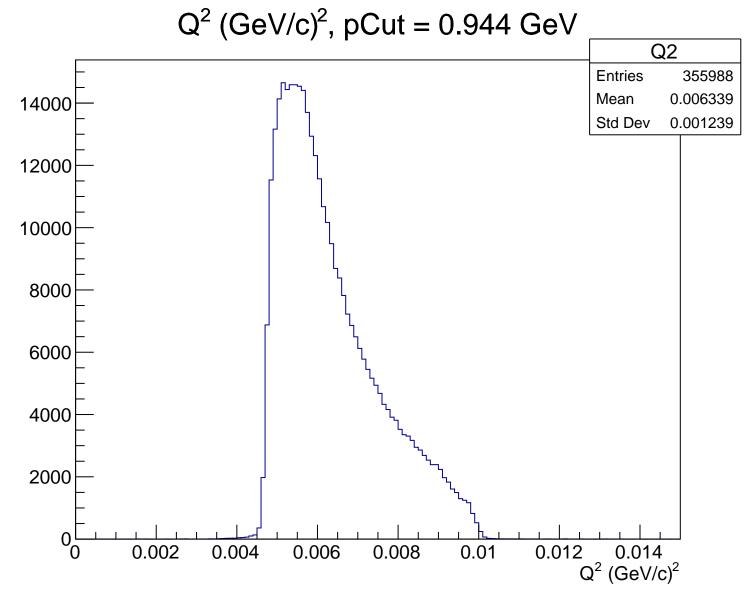
 $\theta_{lab}$  (deg), pCut = 0.944 GeV Theta **Entries** 355988 14000 Mean 4.79 Std Dev 0.4565 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.944 GeV

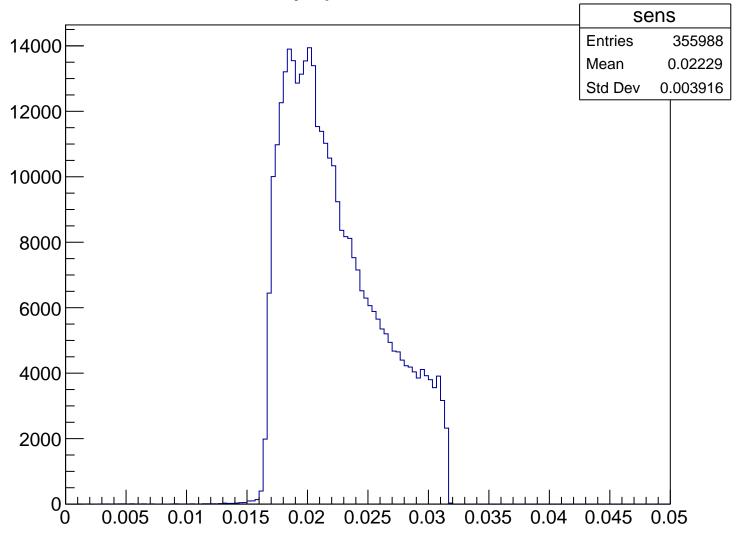


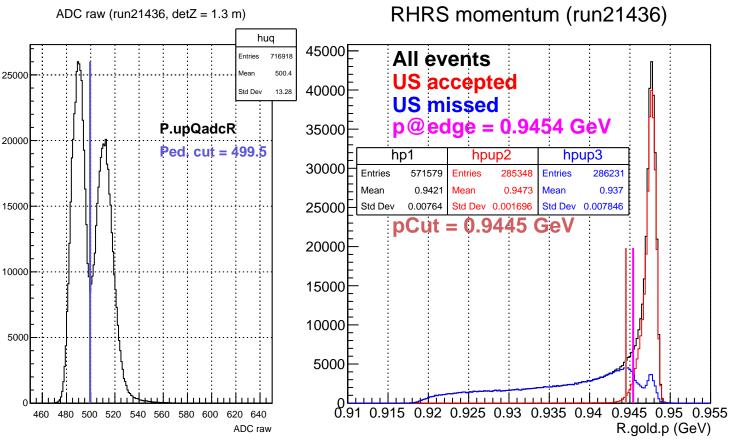
#### Stretched Asym. (ppm), pCut = 0.944 GeV





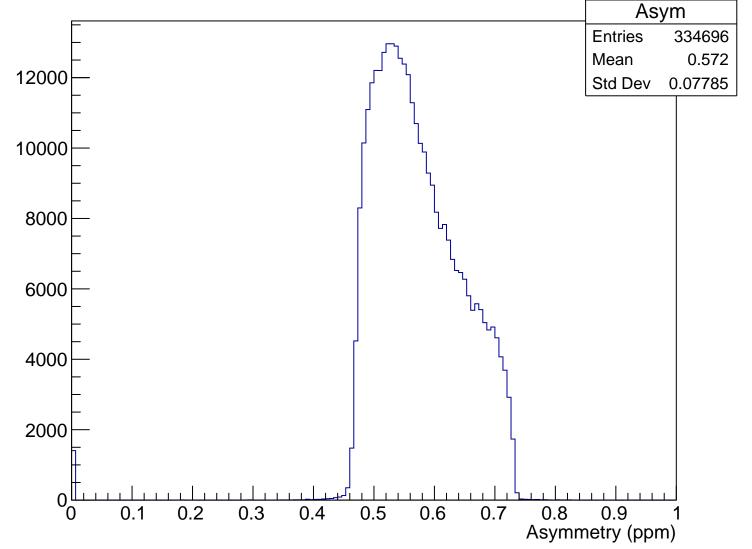
Sensitivity, pCut = 0.944 GeV



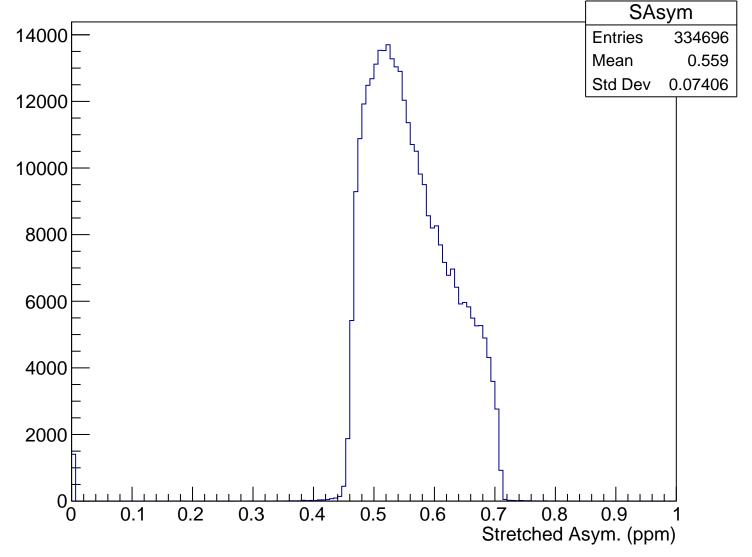


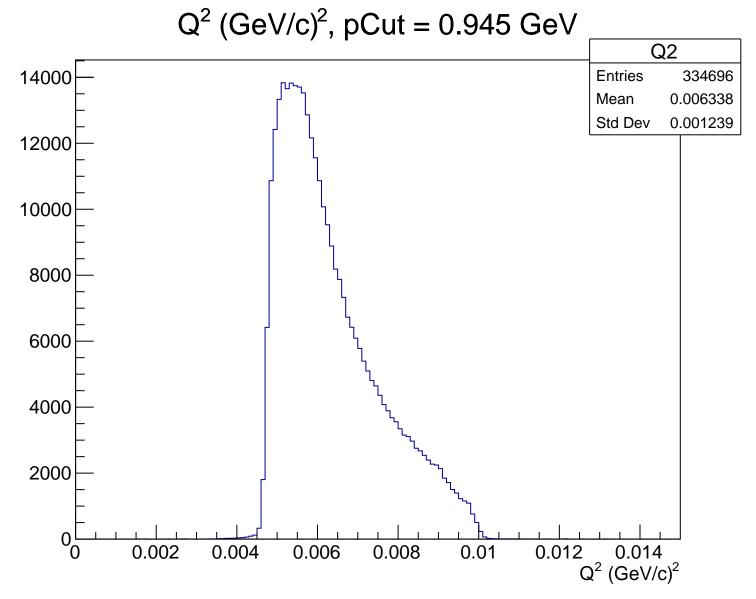
 $\theta_{lab}$  (deg), pCut = 0.945 GeV Theta 14000 **Entries** 334696 Mean 4.788 Std Dev 0.4564 12000 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.945 GeV

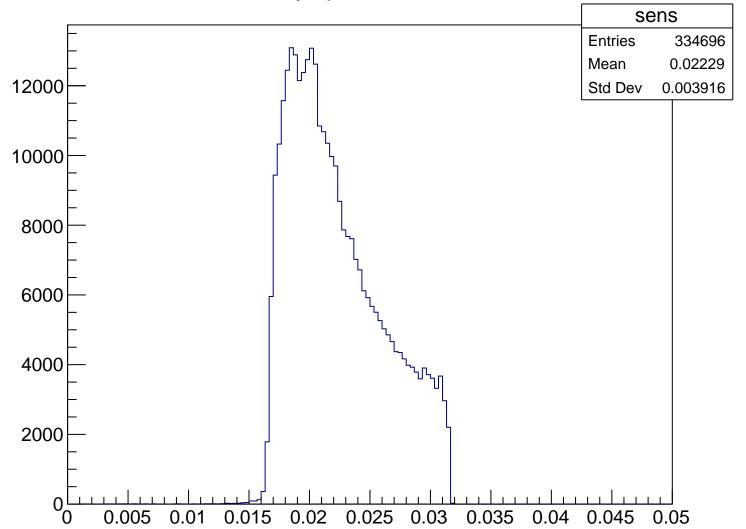


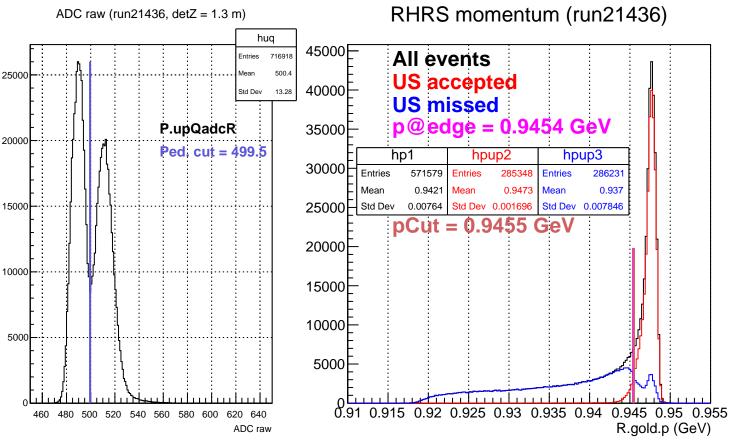
Stretched Asym. (ppm), pCut = 0.945 GeV





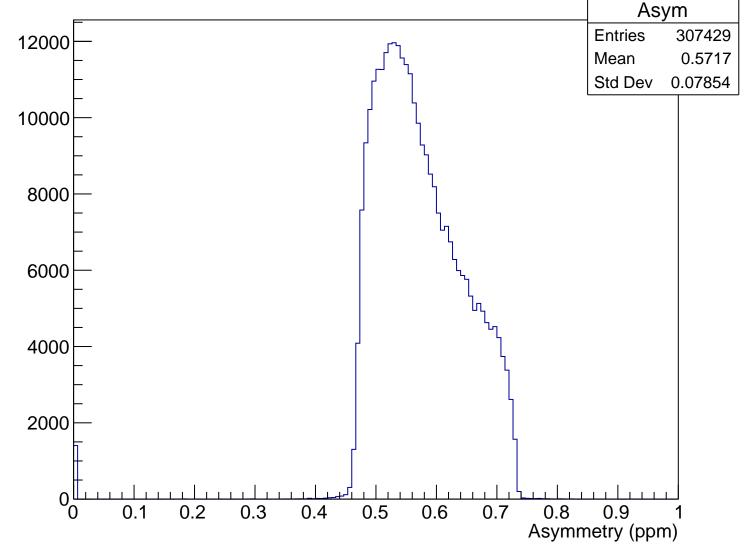
Sensitivity, pCut = 0.945 GeV



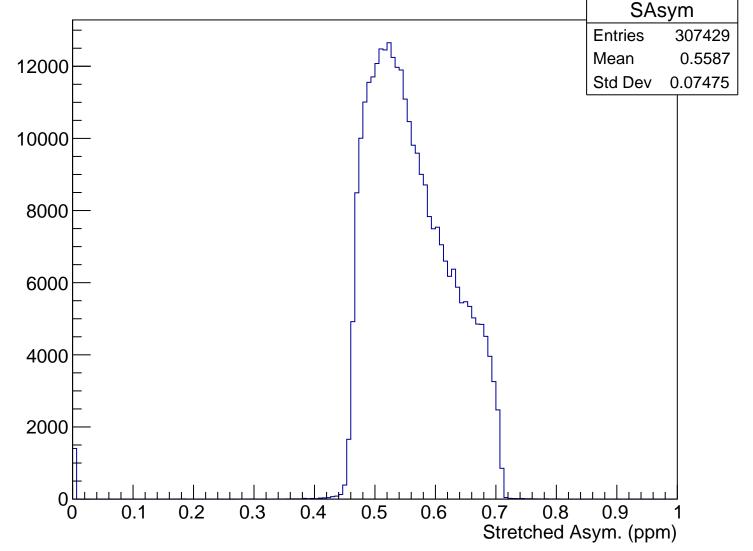


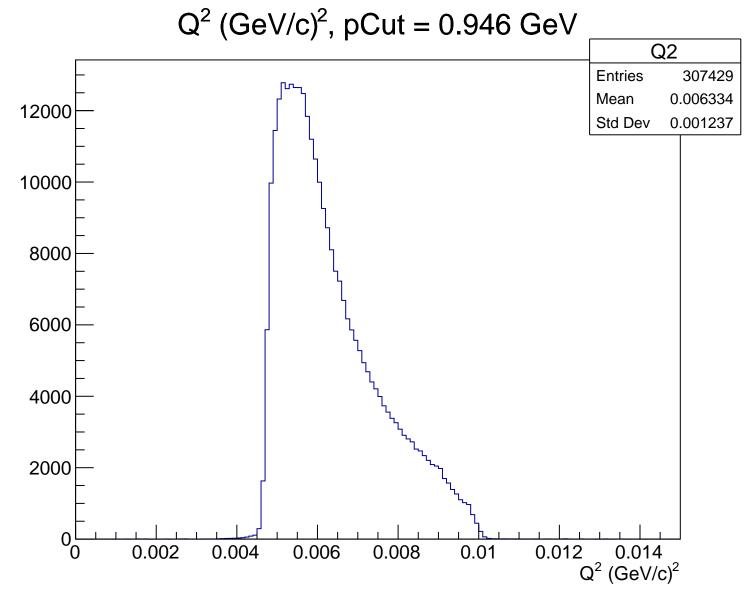
 $\theta_{lab}$  (deg), pCut = 0.946 GeV Theta **Entries** 307429 12000 Mean 4.787 Std Dev 0.4558 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.946 GeV

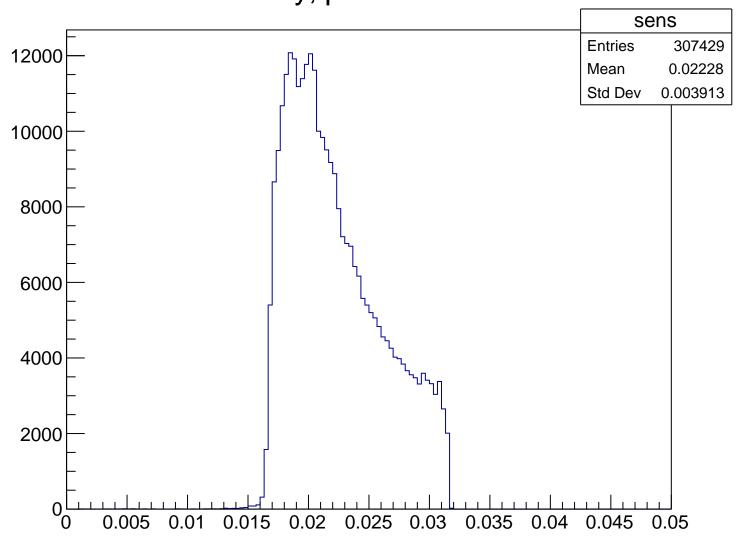


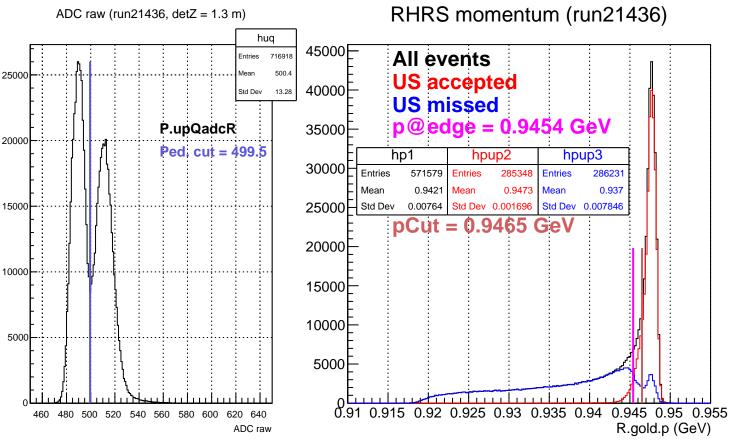
#### Stretched Asym. (ppm), pCut = 0.946 GeV



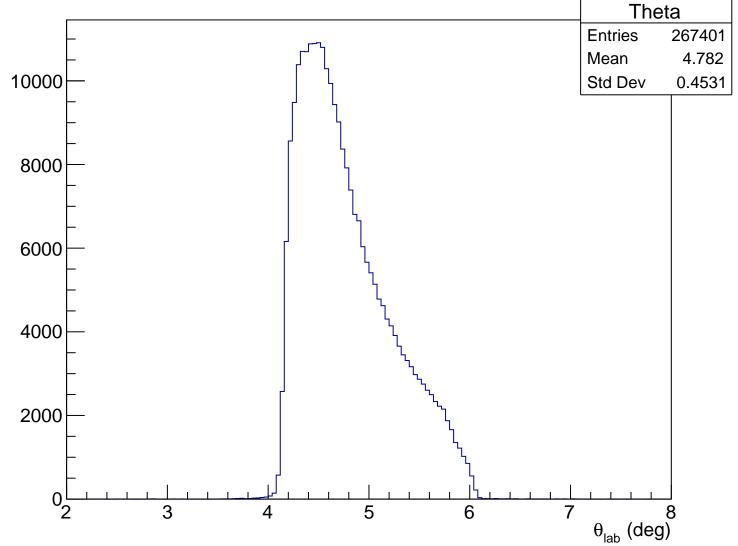


Sensitivity, pCut = 0.946 GeV

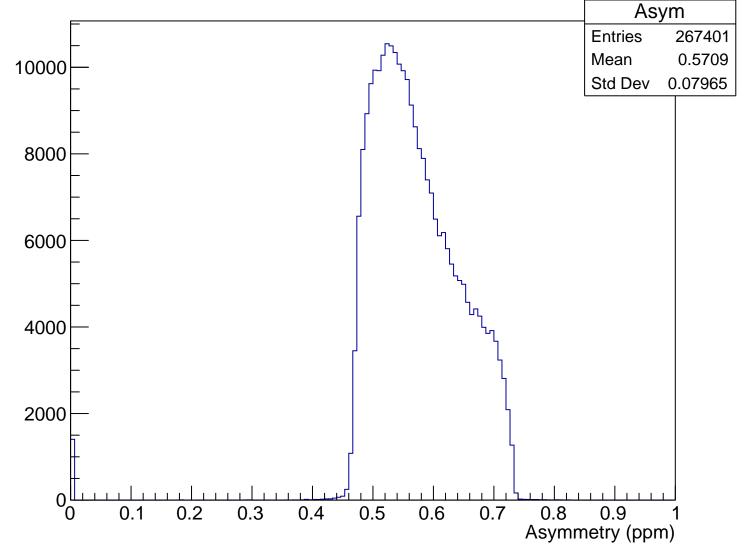




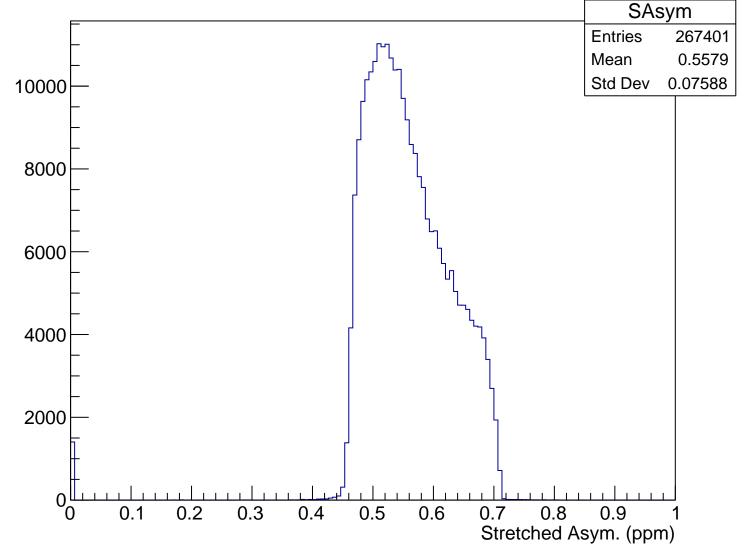
 $\theta_{lab}$  (deg), pCut = 0.947 GeV

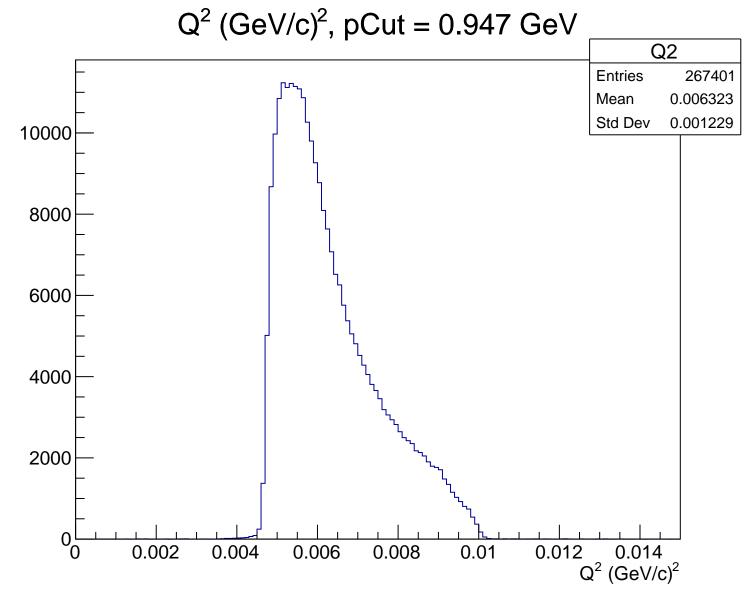


## Asymmetry (ppm), pCut = 0.947 GeV



#### Stretched Asym. (ppm), pCut = 0.947 GeV





Sensitivity, pCut = 0.947 GeV

