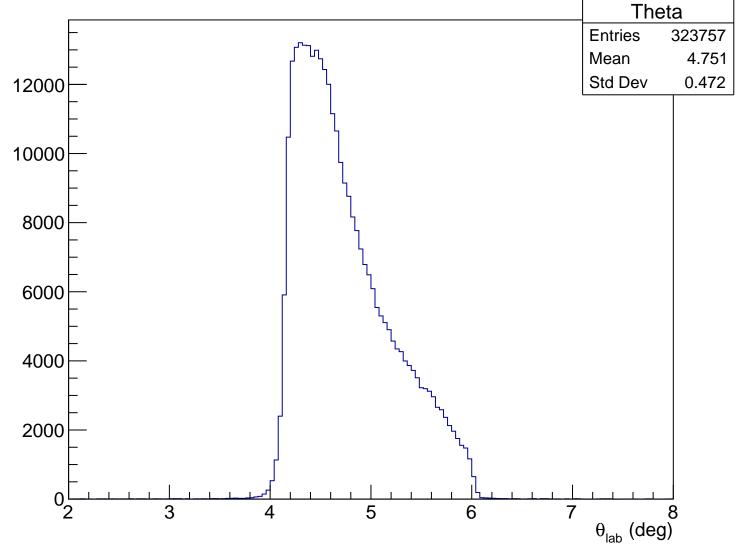
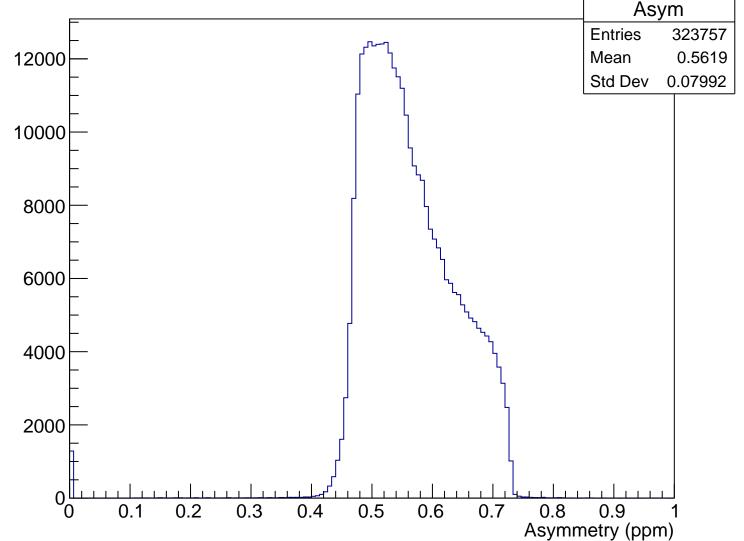


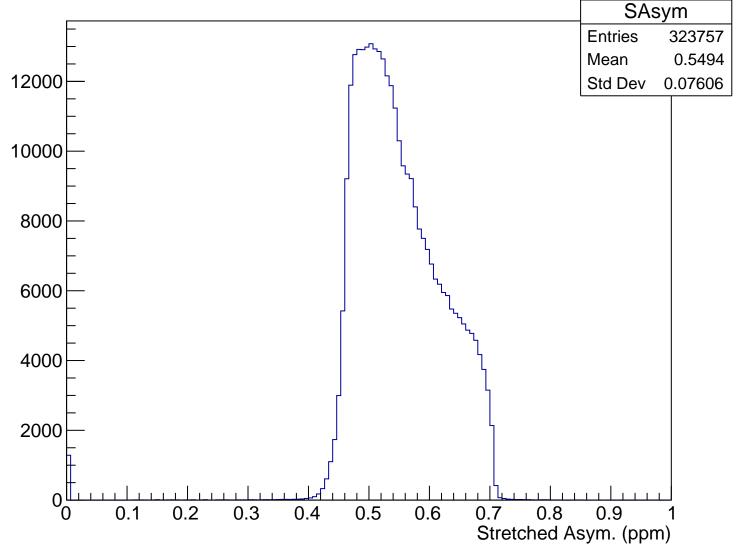
 $\theta_{lab}$  (deg), pCut = 0.930 GeV

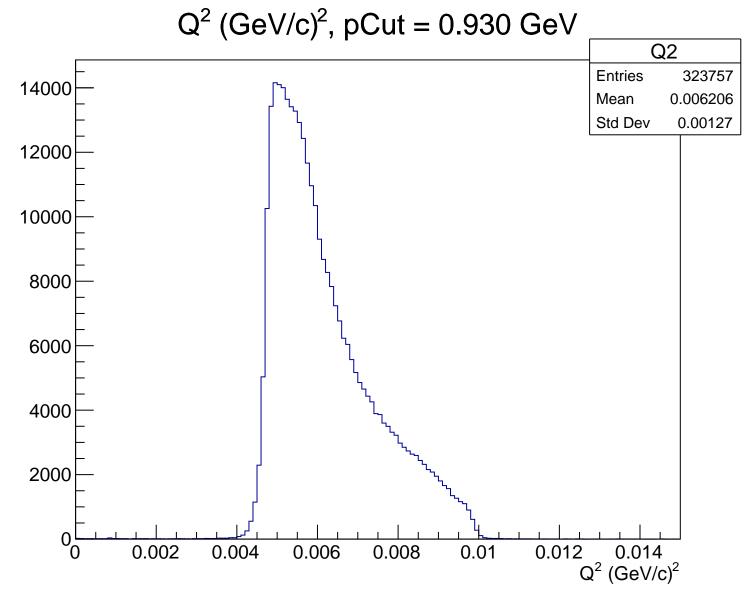


## Asymmetry (ppm), pCut = 0.930 GeV

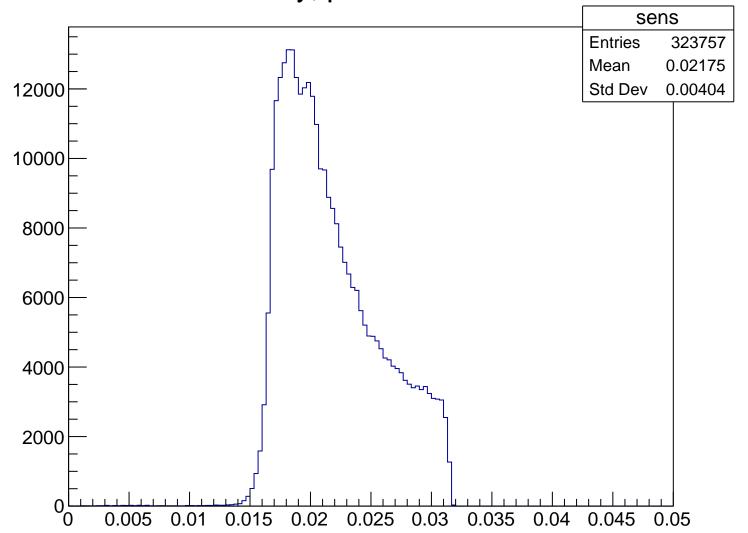


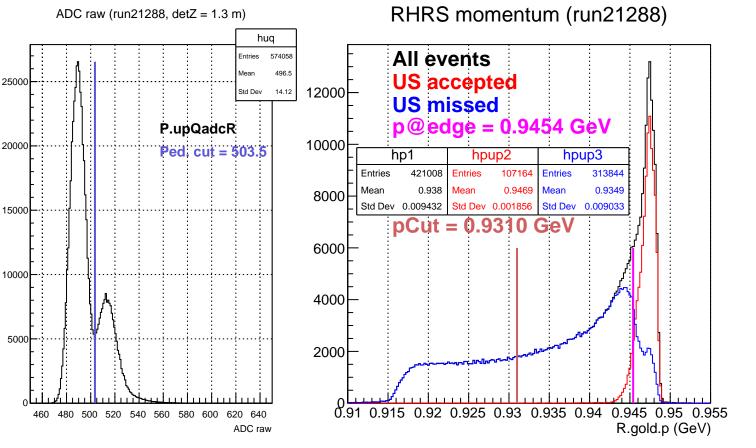
Stretched Asym. (ppm), pCut = 0.930 GeV





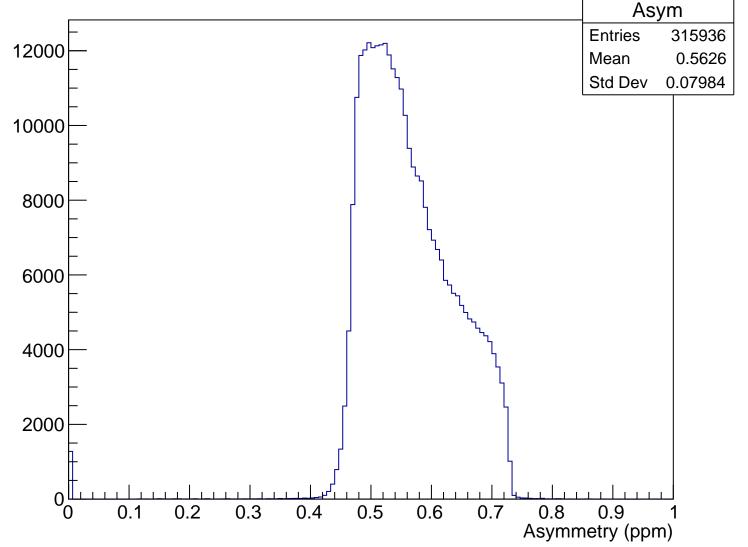
Sensitivity, pCut = 0.930 GeV



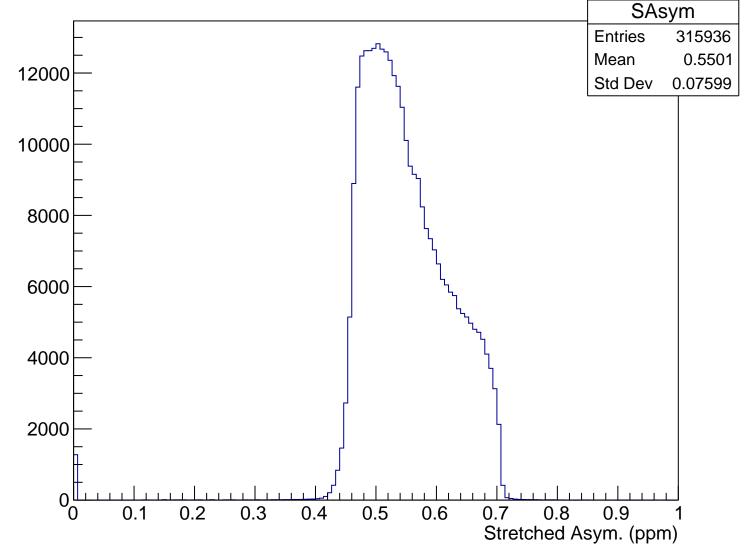


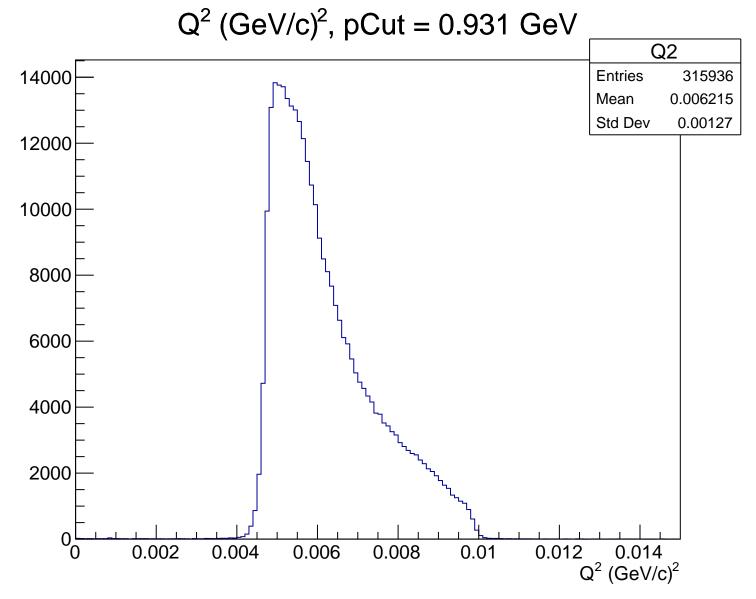
 $\theta_{lab}$  (deg), pCut = 0.931 GeV Theta **Entries** 315936 Mean 4.753 12000 Std Dev 0.4714 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

### Asymmetry (ppm), pCut = 0.931 GeV

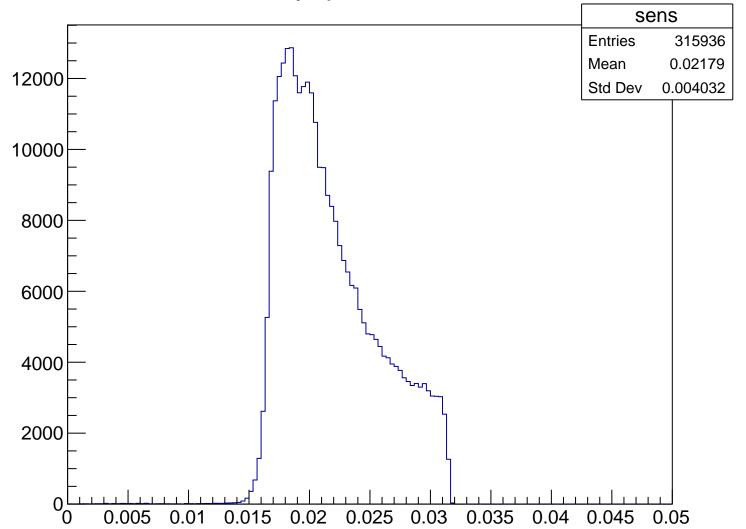


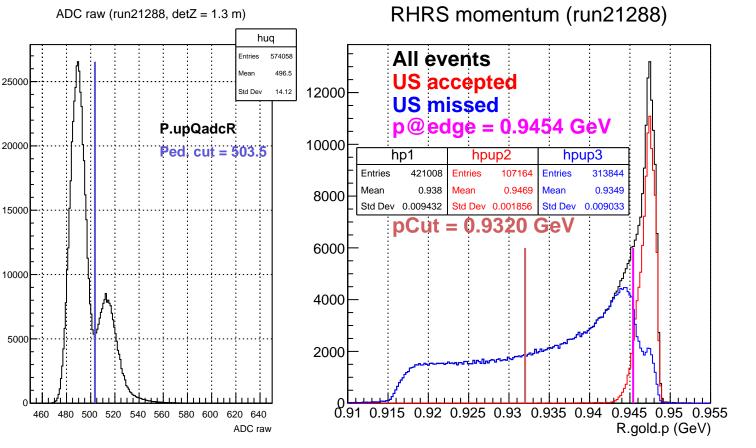
#### Stretched Asym. (ppm), pCut = 0.931 GeV





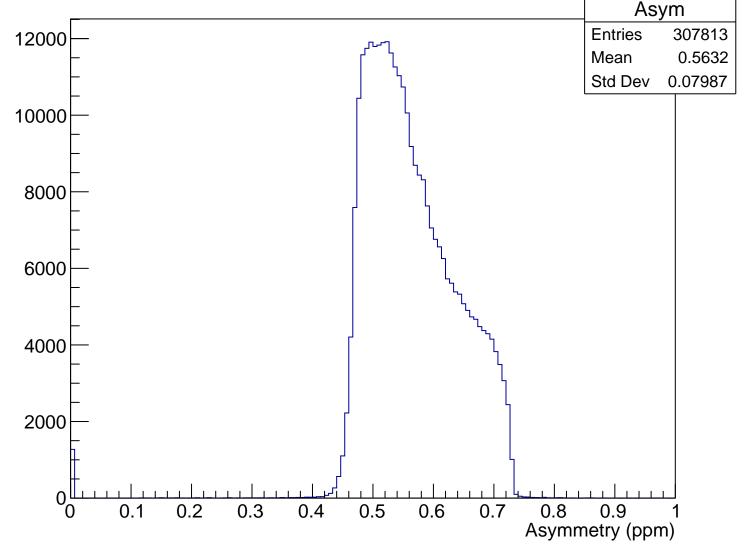
Sensitivity, pCut = 0.931 GeV



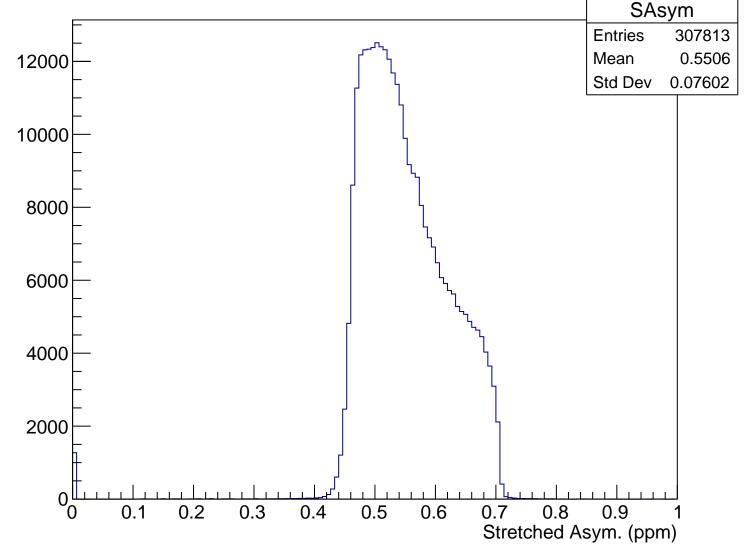


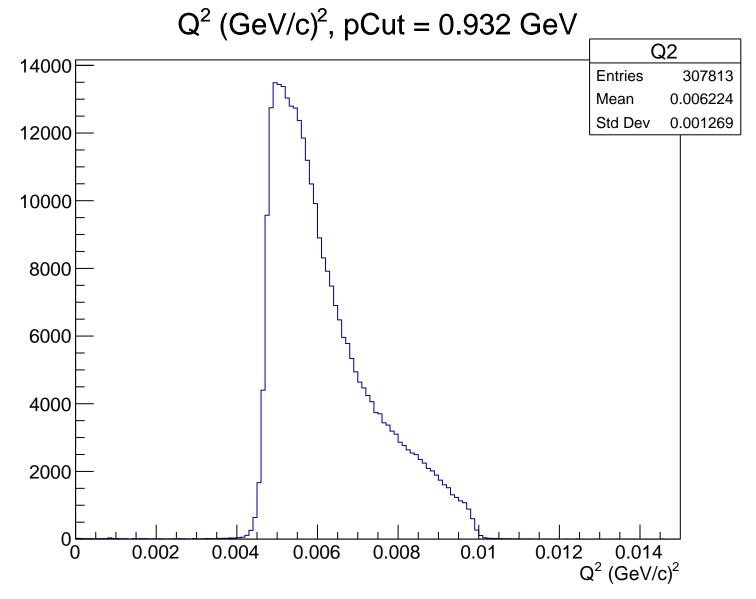
 $\theta_{lab}$  (deg), pCut = 0.932 GeV Theta **Entries** 307813 Mean 4.756 12000 Std Dev 0.471 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.932 GeV

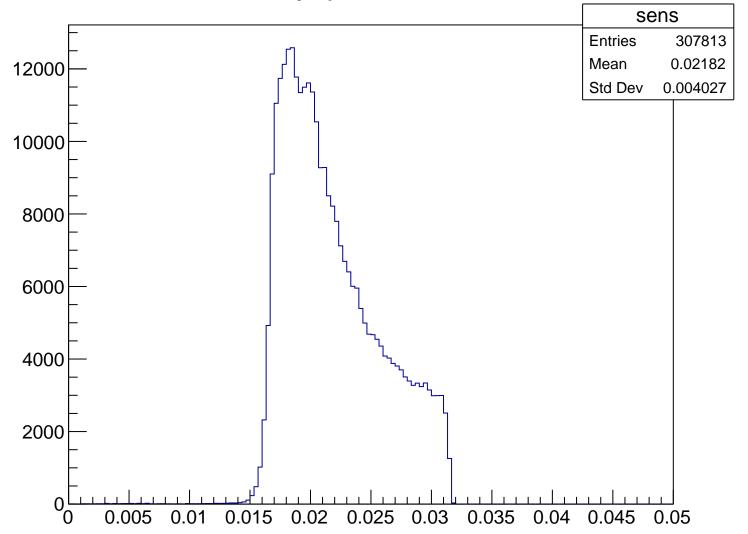


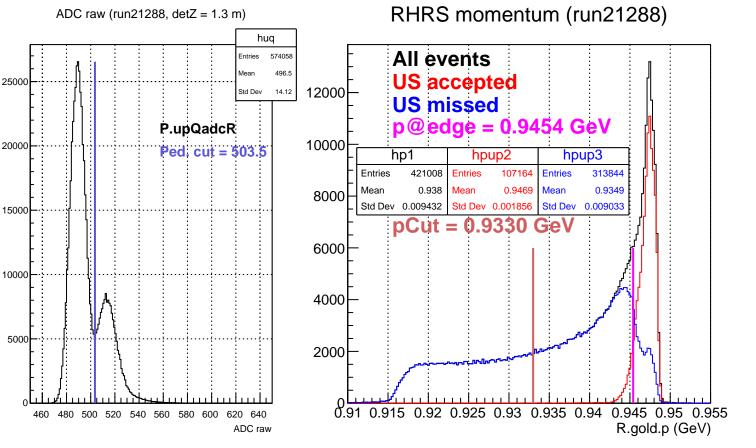
Stretched Asym. (ppm), pCut = 0.932 GeV





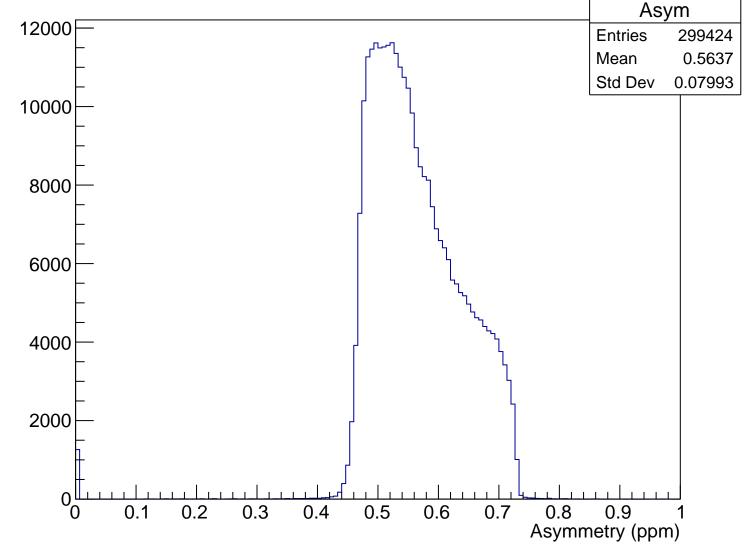
Sensitivity, pCut = 0.932 GeV



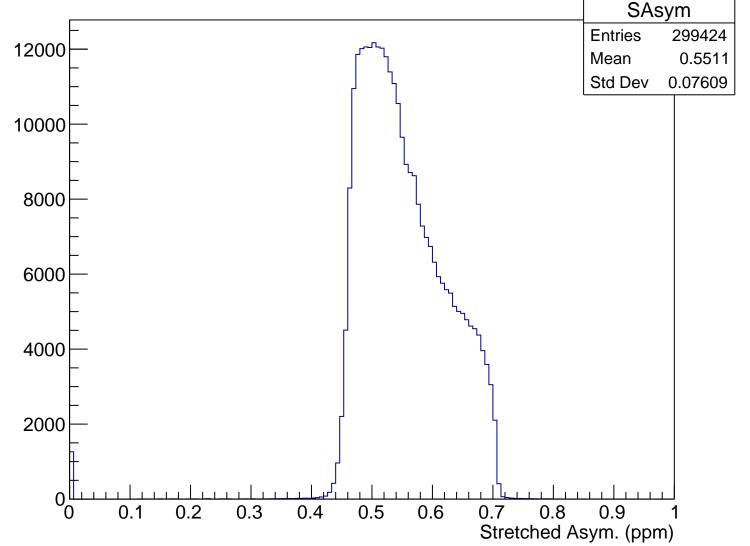


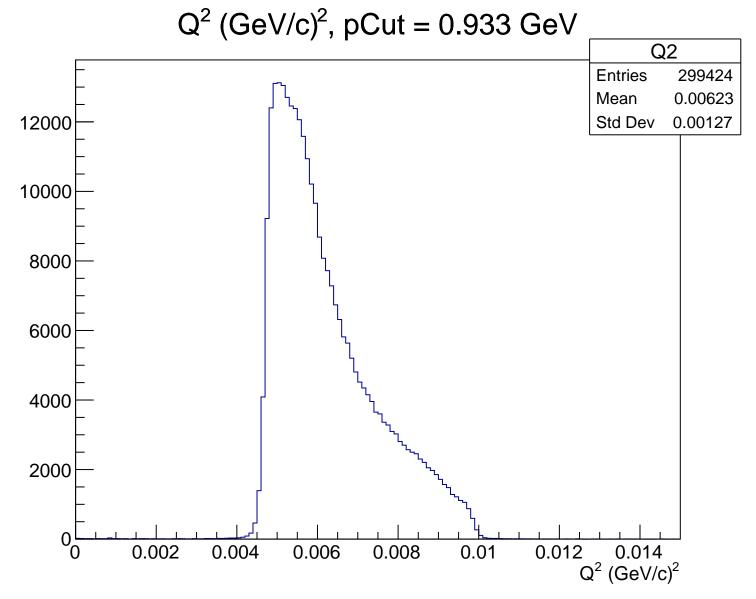
 $\theta_{lab}$  (deg), pCut = 0.933 GeV Theta **Entries** 299424 12000 Mean 4.758 Std Dev 0.4709 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.933 GeV

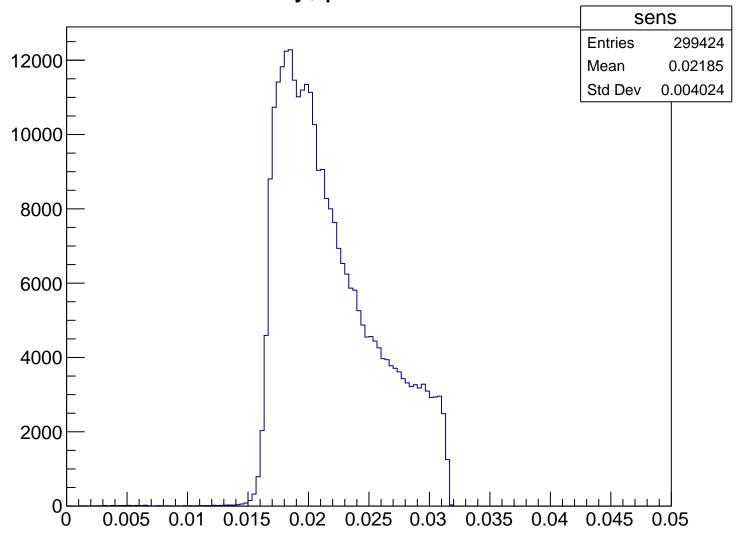


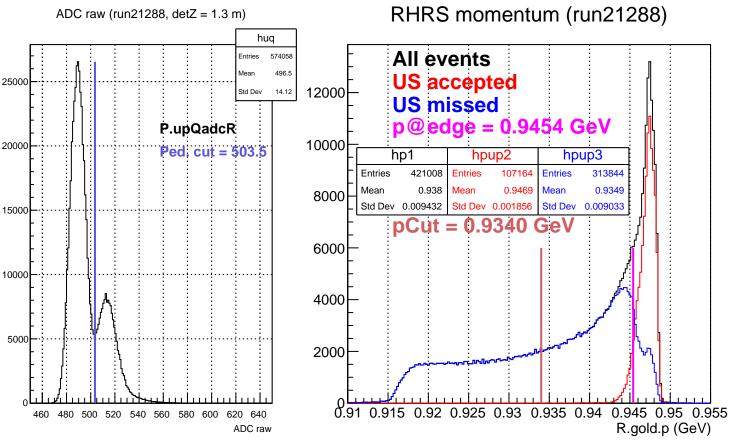
Stretched Asym. (ppm), pCut = 0.933 GeV





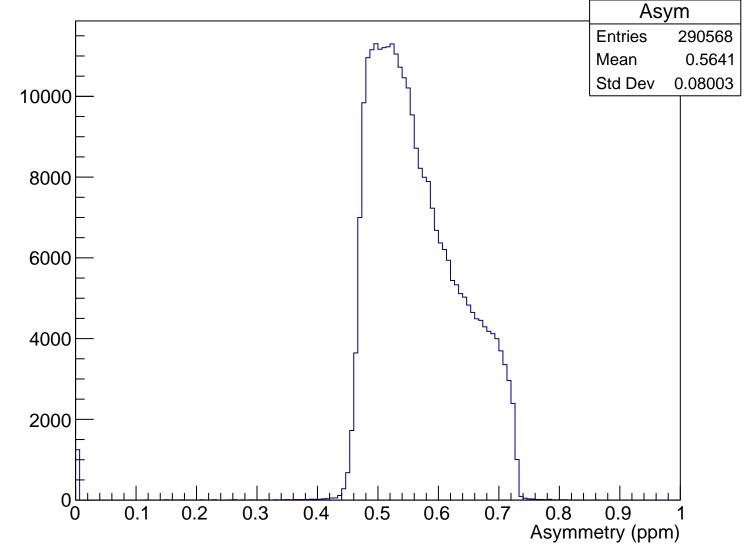
Sensitivity, pCut = 0.933 GeV



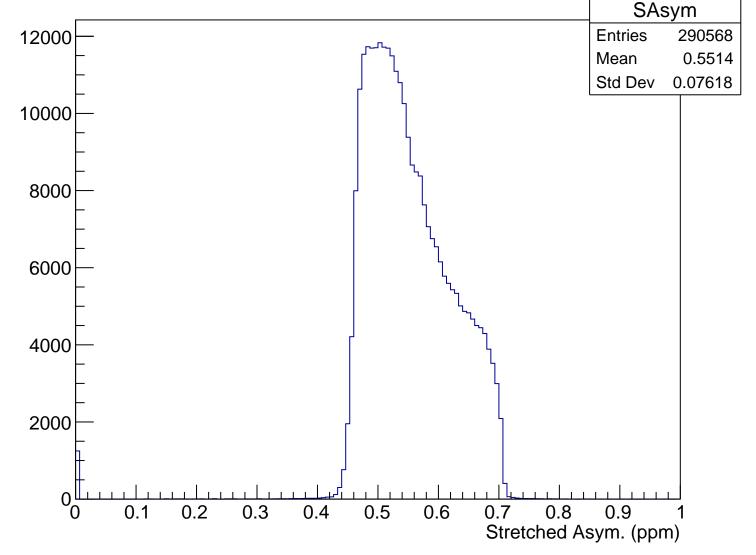


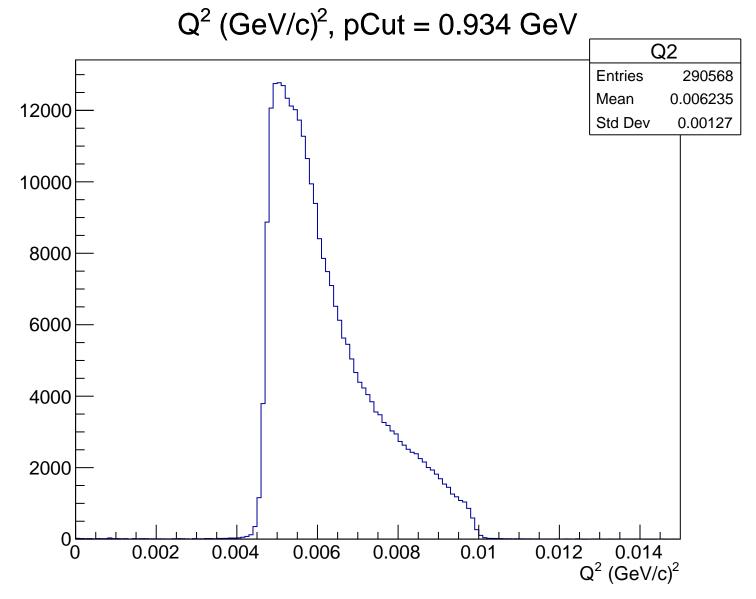
 $\theta_{lab}$  (deg), pCut = 0.934 GeV Theta **Entries** 290568 12000 Mean 4.759 Std Dev 0.4709 10000 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

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

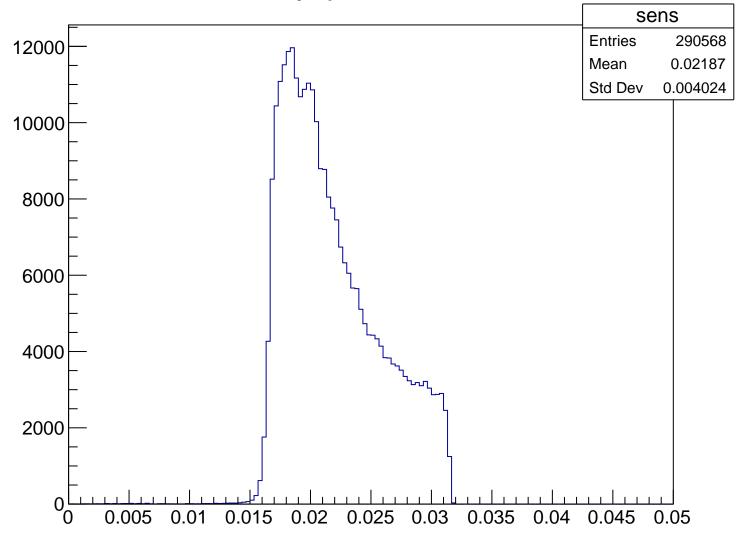


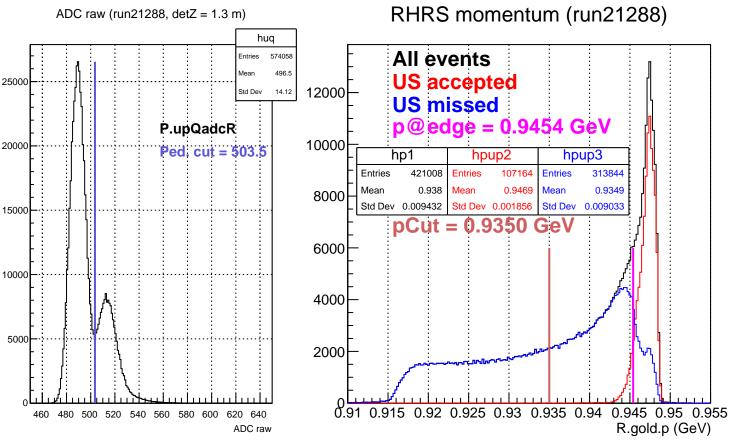
Stretched Asym. (ppm), pCut = 0.934 GeV





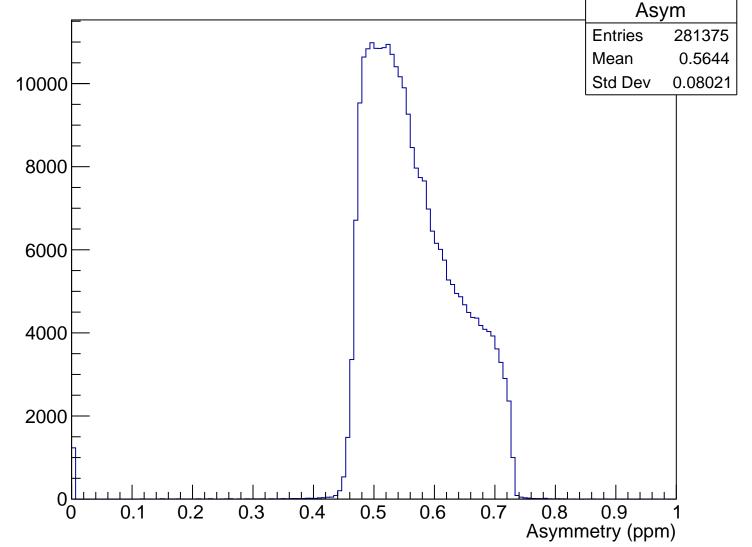
Sensitivity, pCut = 0.934 GeV



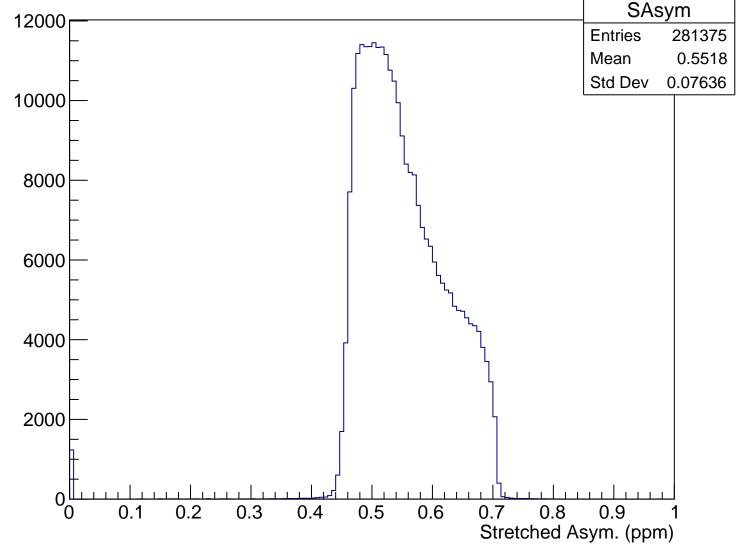


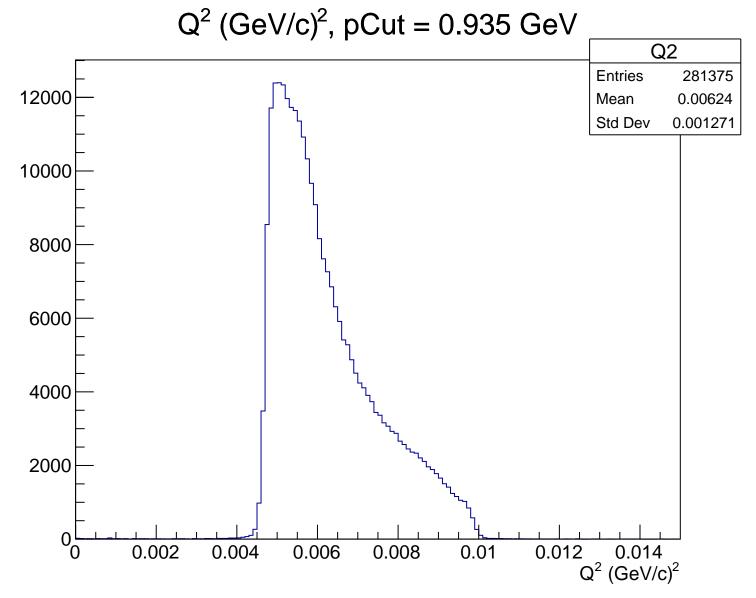
 $\theta_{lab}$  (deg), pCut = 0.935 GeV Theta 12000 **Entries** 281375 Mean 4.76 Std Dev 0.4713 10000 0008 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.935 GeV

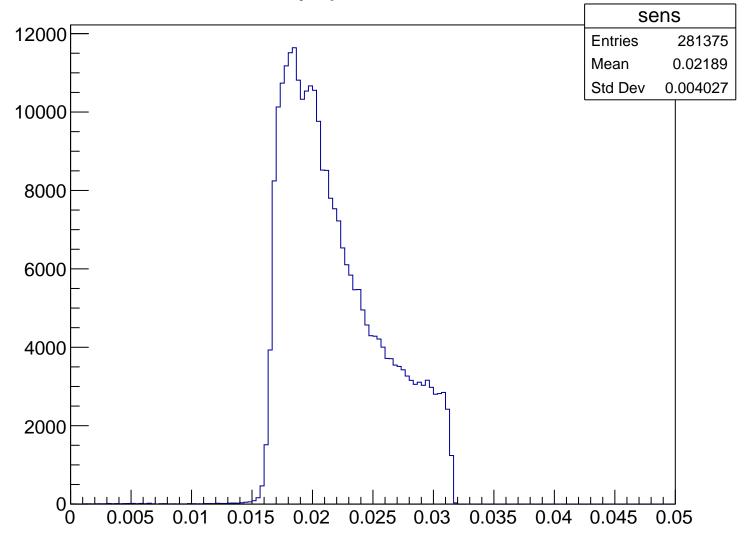


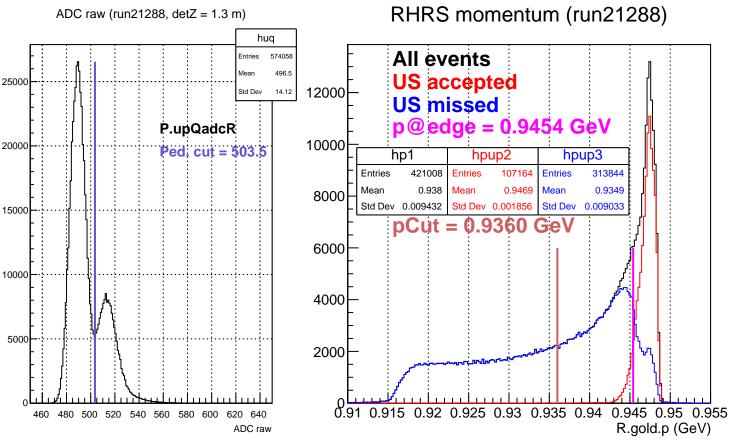
Stretched Asym. (ppm), pCut = 0.935 GeV



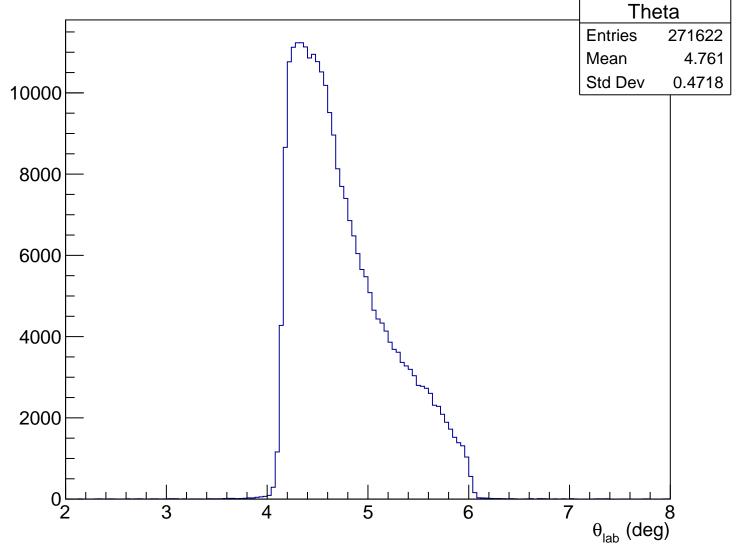


Sensitivity, pCut = 0.935 GeV

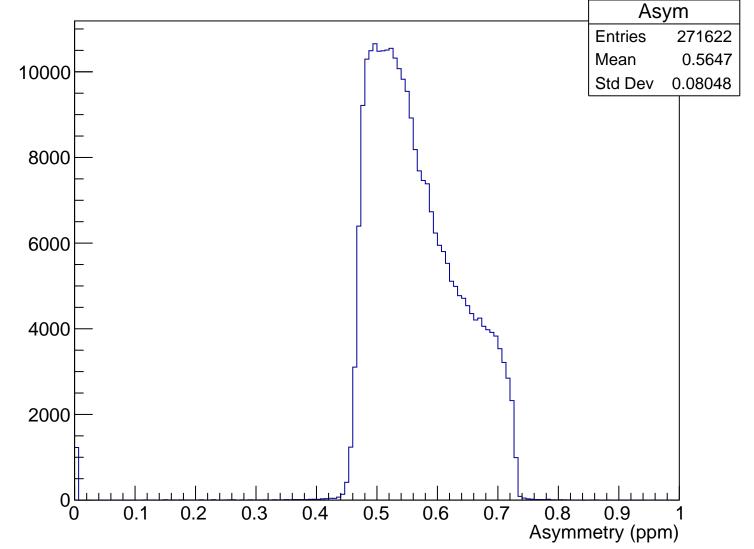




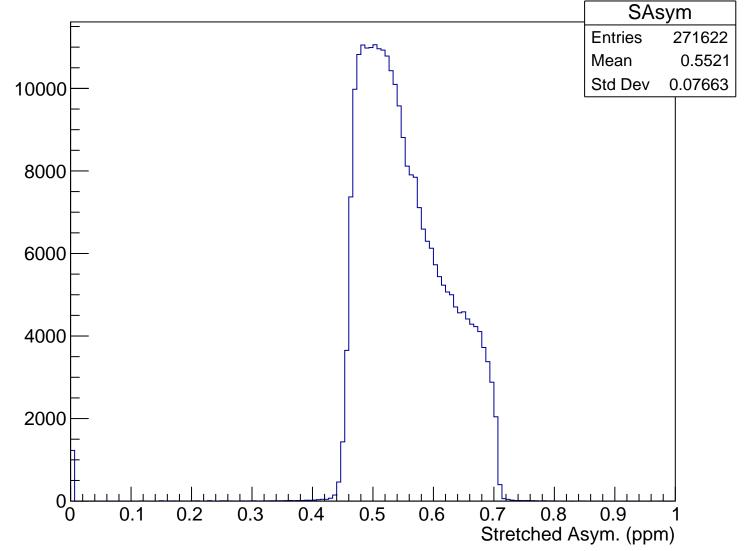
 $\theta_{lab}$  (deg), pCut = 0.936 GeV

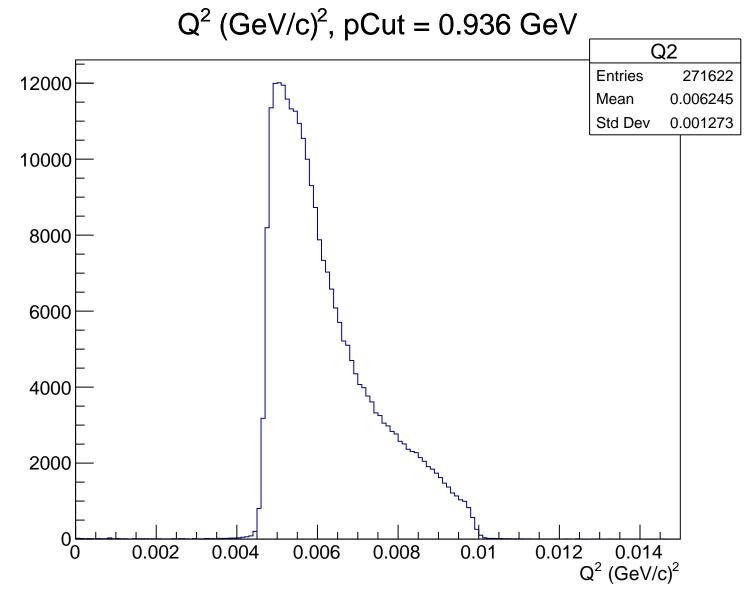


## Asymmetry (ppm), pCut = 0.936 GeV

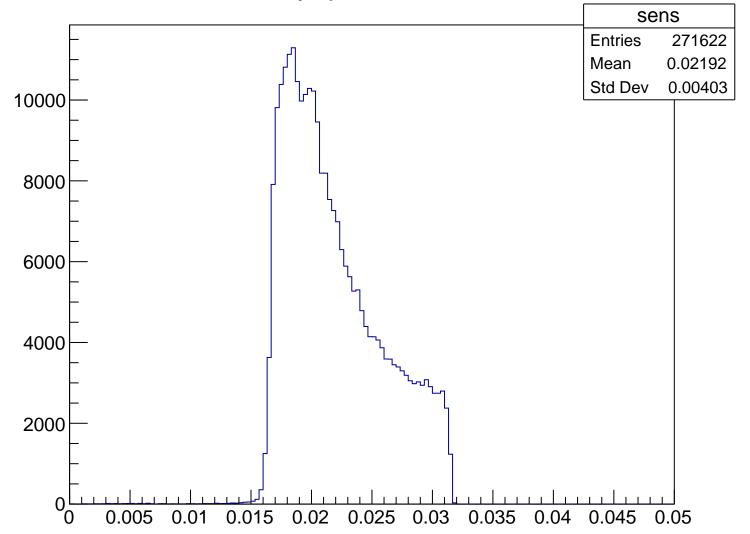


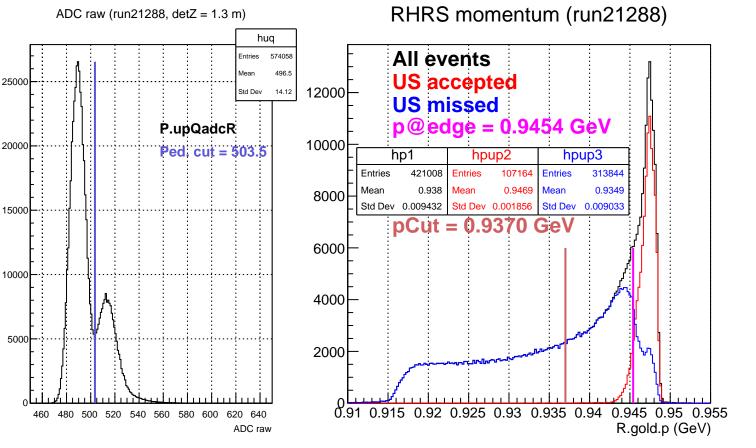
### Stretched Asym. (ppm), pCut = 0.936 GeV



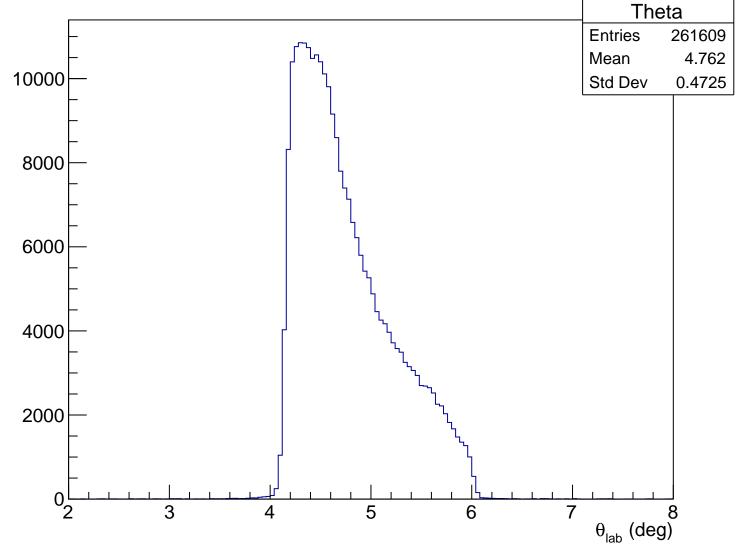


Sensitivity, pCut = 0.936 GeV

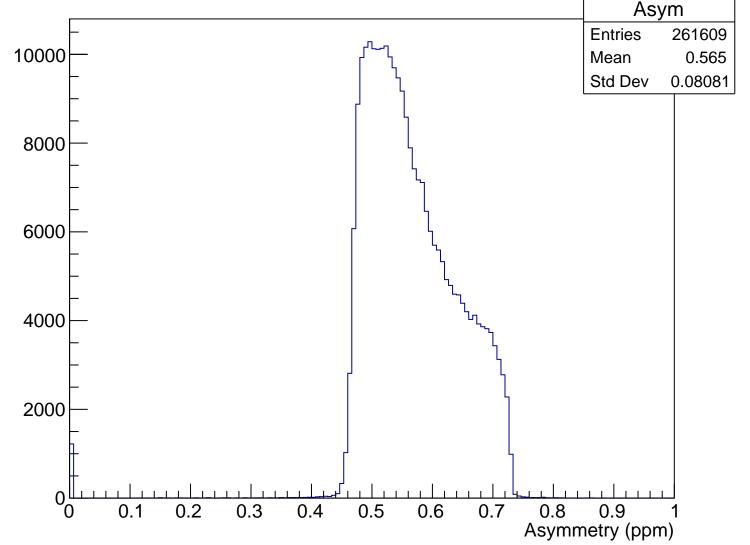




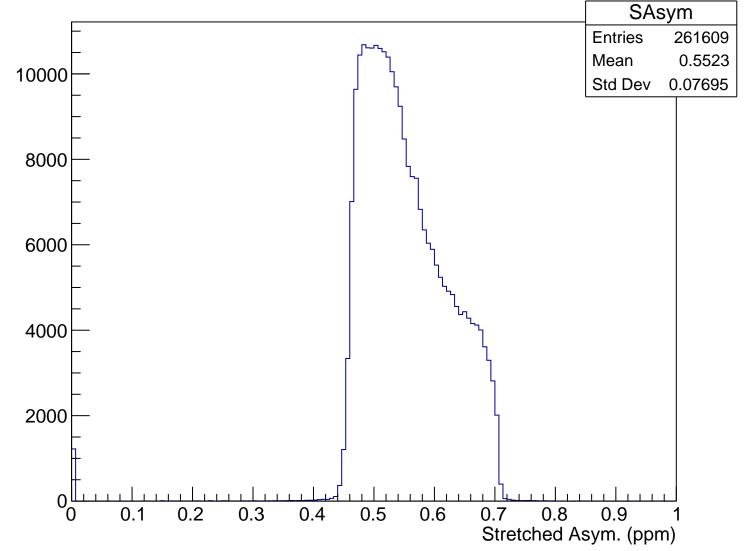
 $\theta_{lab}$  (deg), pCut = 0.937 GeV

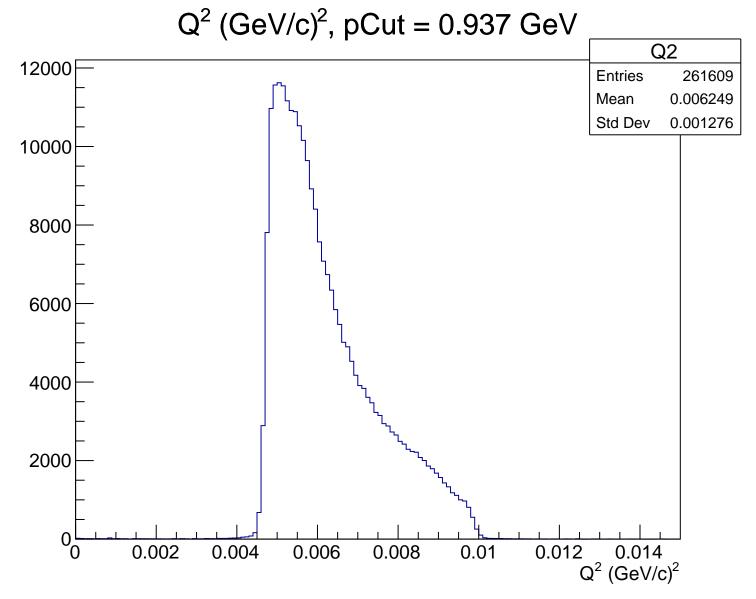


# Asymmetry (ppm), pCut = 0.937 GeV

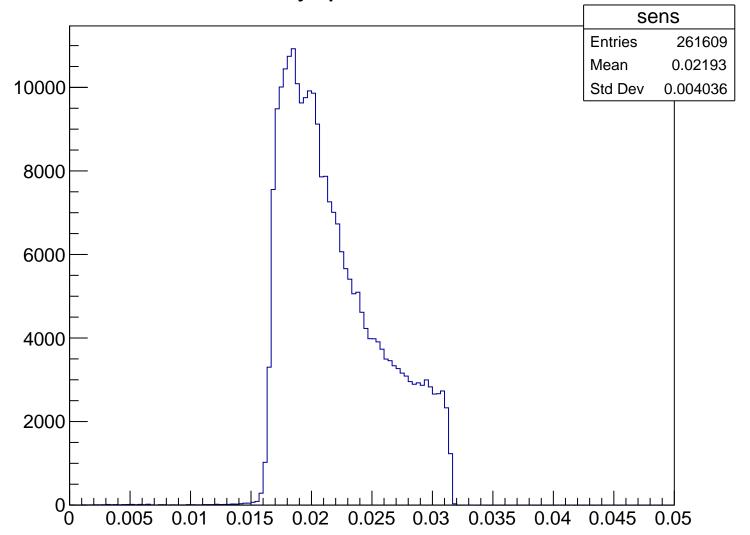


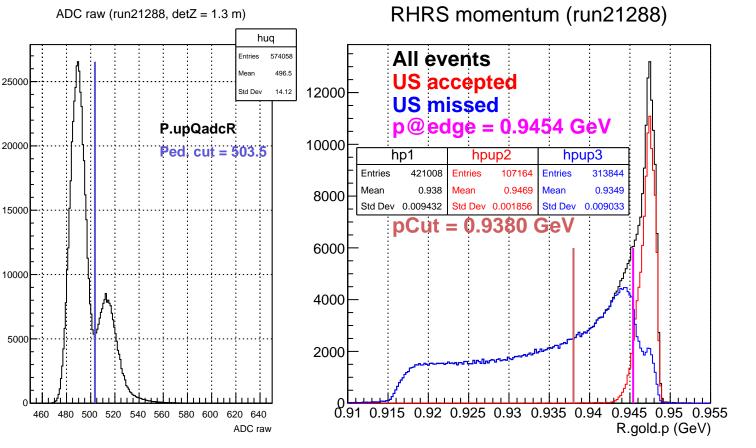
### Stretched Asym. (ppm), pCut = 0.937 GeV





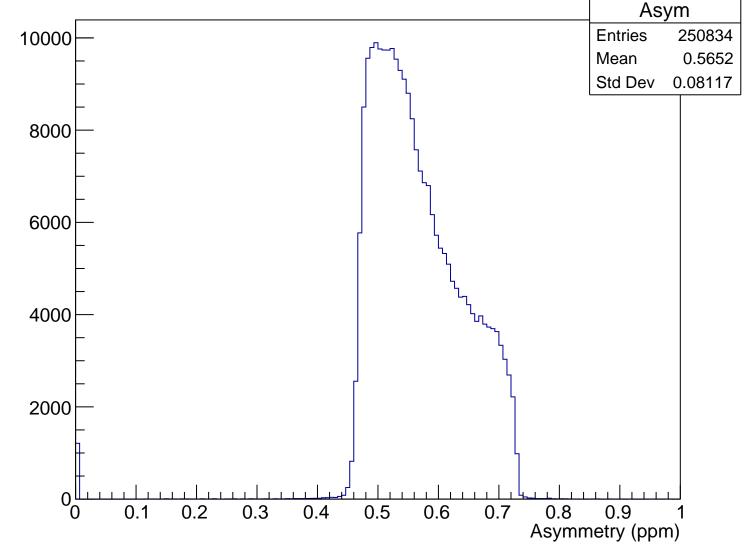
Sensitivity, pCut = 0.937 GeV



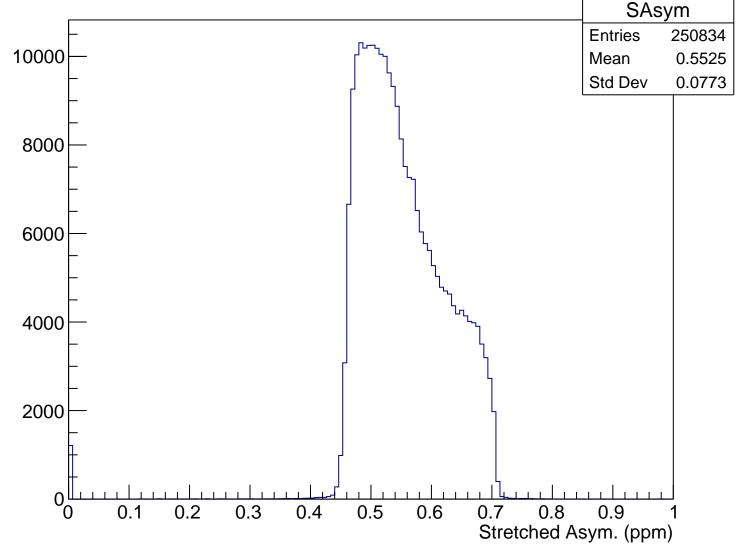


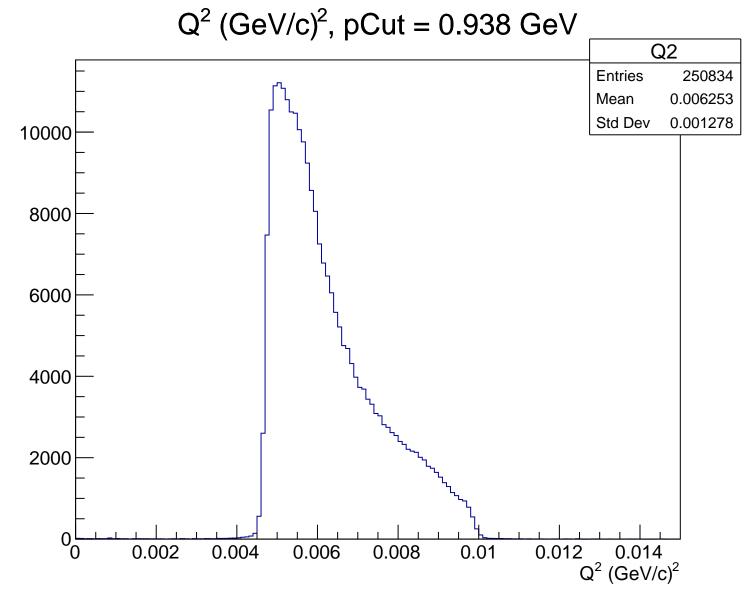
 $\theta_{lab}$  (deg), pCut = 0.938 GeV Theta **Entries** 250834 Mean 4.763 10000 Std Dev 0.4732 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.938 GeV

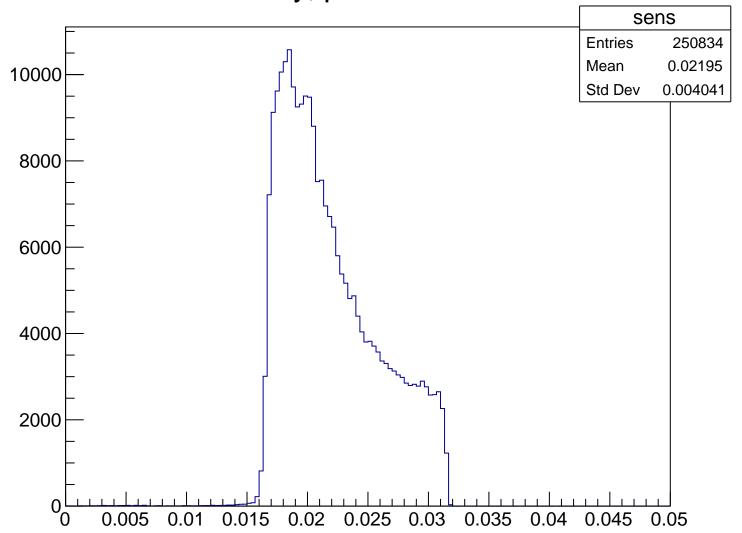


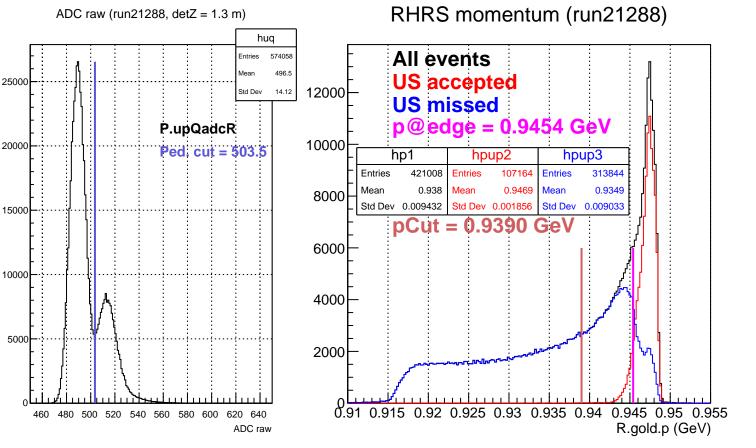
Stretched Asym. (ppm), pCut = 0.938 GeV





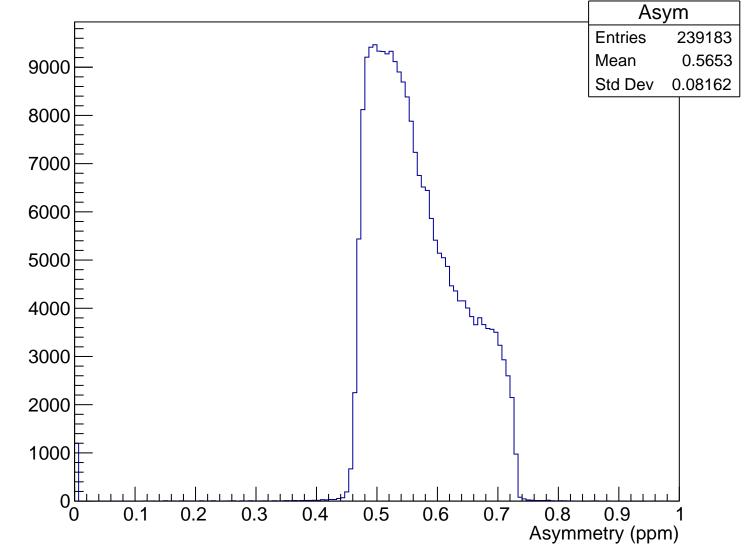
Sensitivity, pCut = 0.938 GeV



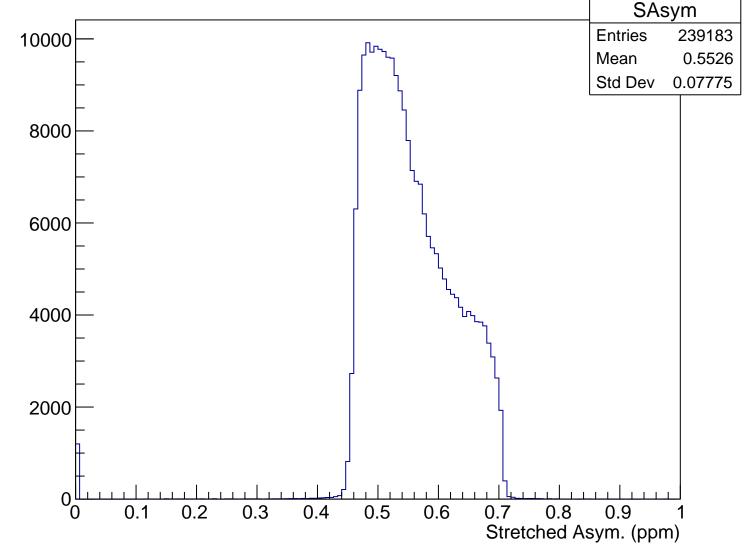


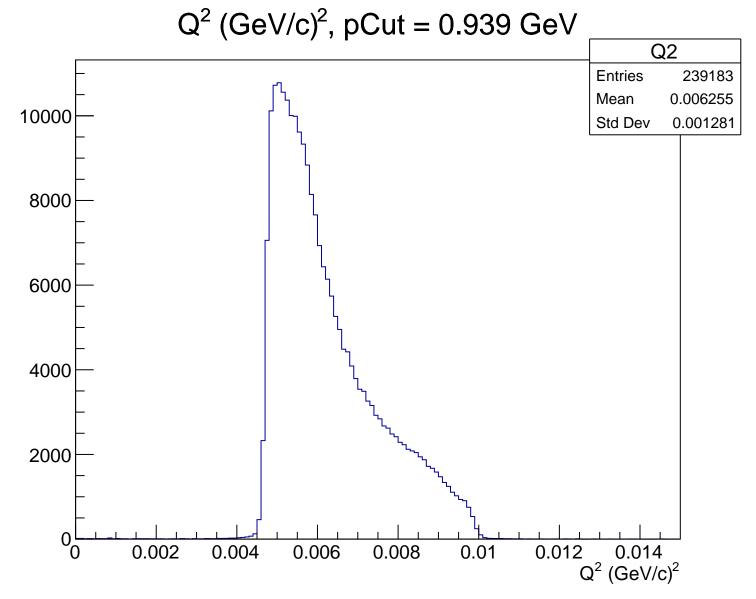
 $\theta_{lab}$  (deg), pCut = 0.939 GeV Theta **Entries** 239183 10000 Mean 4.763 Std Dev 0.4742 0008 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.939 GeV

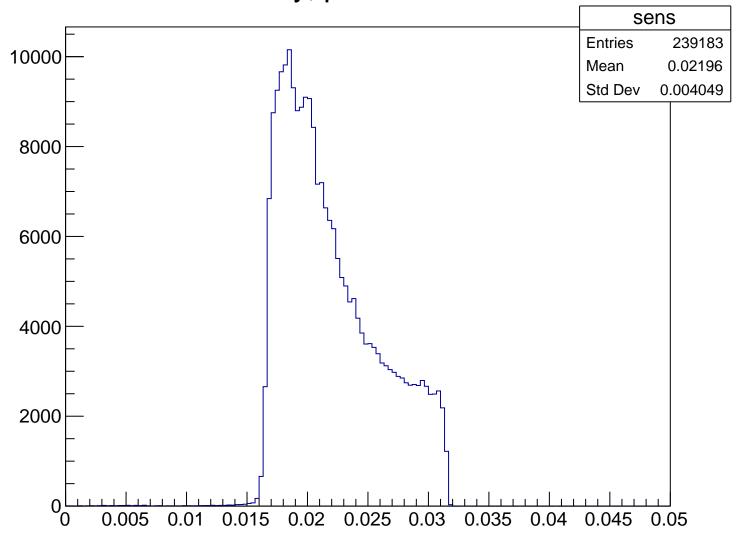


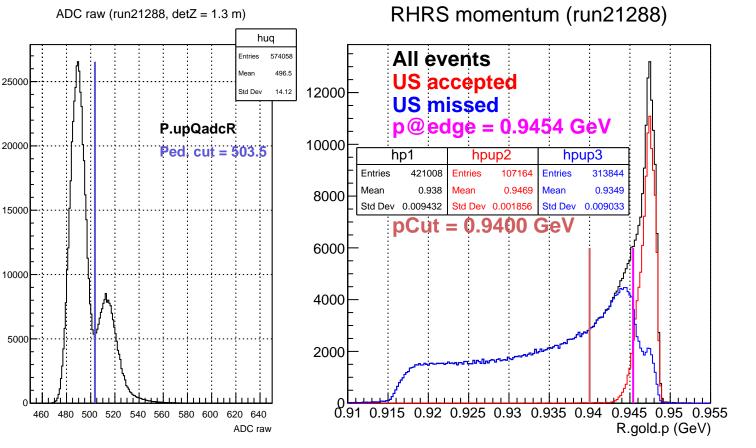
Stretched Asym. (ppm), pCut = 0.939 GeV





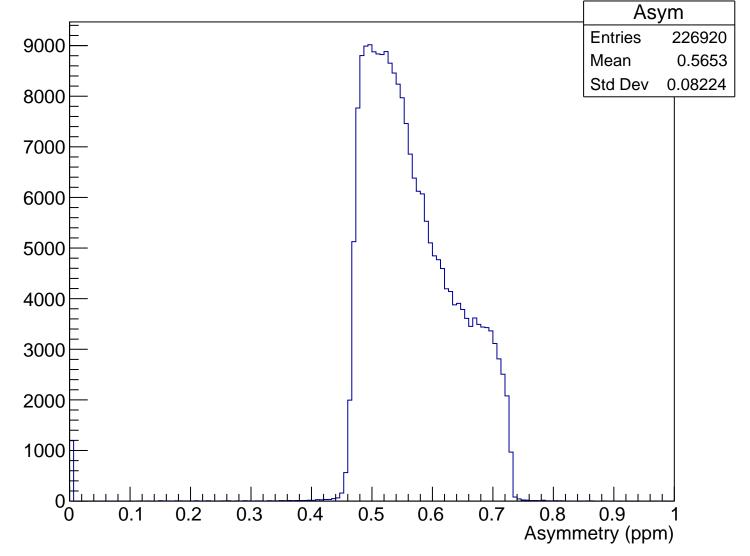
Sensitivity, pCut = 0.939 GeV



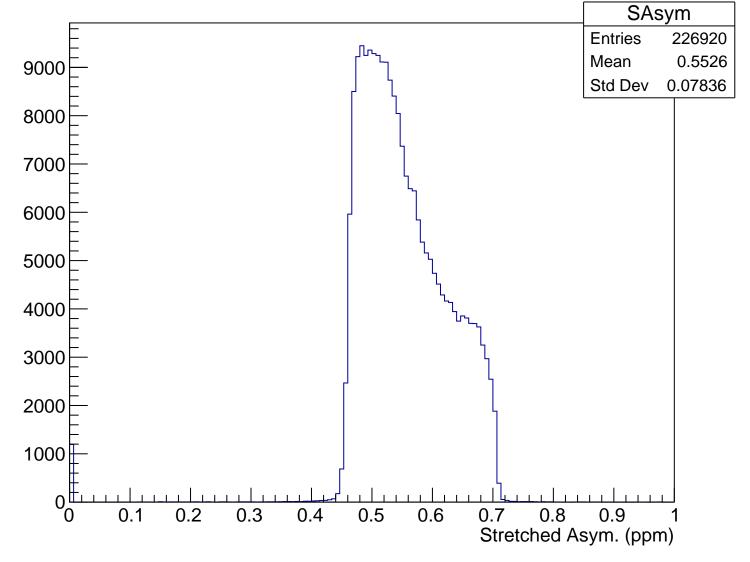


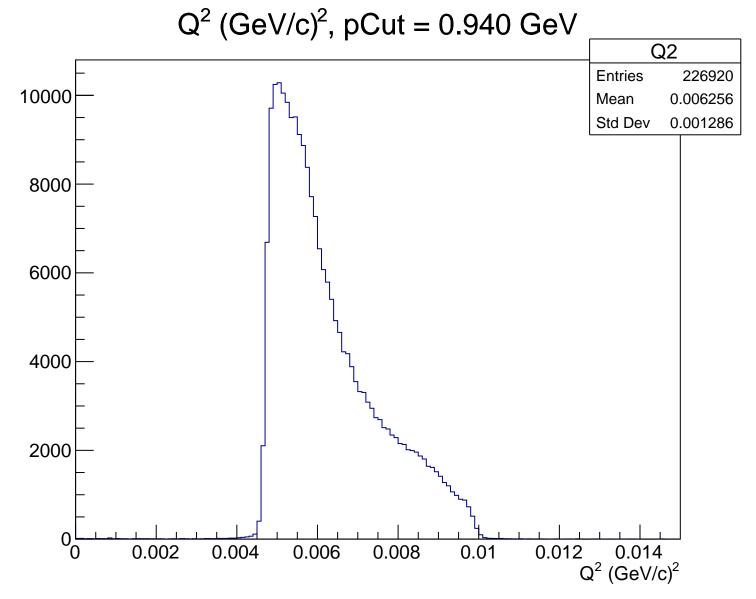
 $\theta_{lab}$  (deg), pCut = 0.940 GeV Theta 10000F **Entries** 226920 Mean 4.762 Std Dev 0.4756 8000 6000 4000 2000 5  $\theta_{lab}$  (deg)

## Asymmetry (ppm), pCut = 0.940 GeV

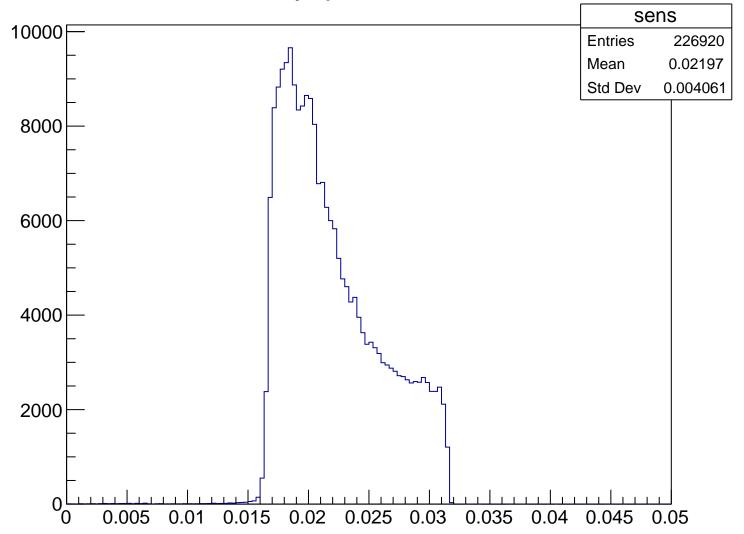


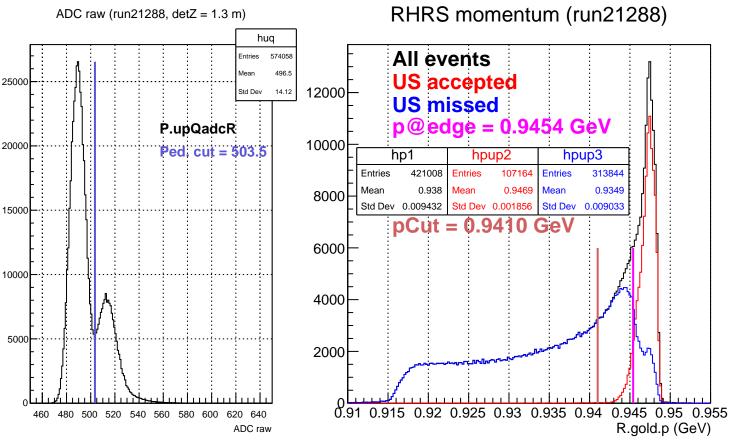
#### Stretched Asym. (ppm), pCut = 0.940 GeV



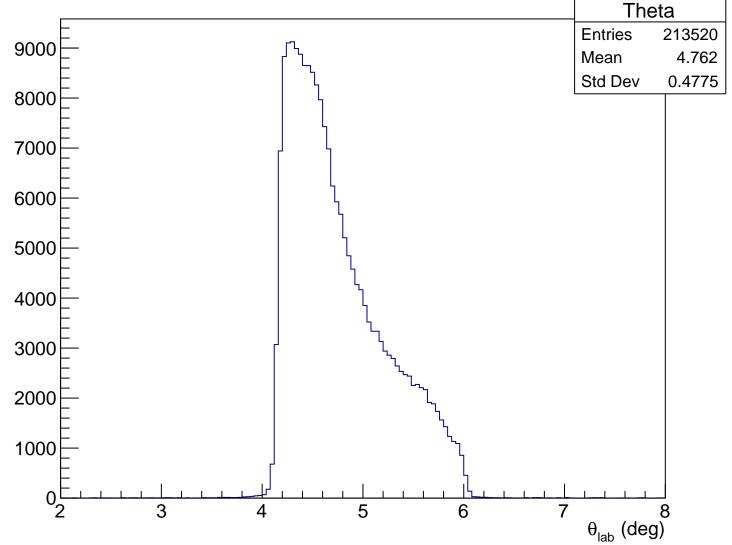


Sensitivity, pCut = 0.940 GeV

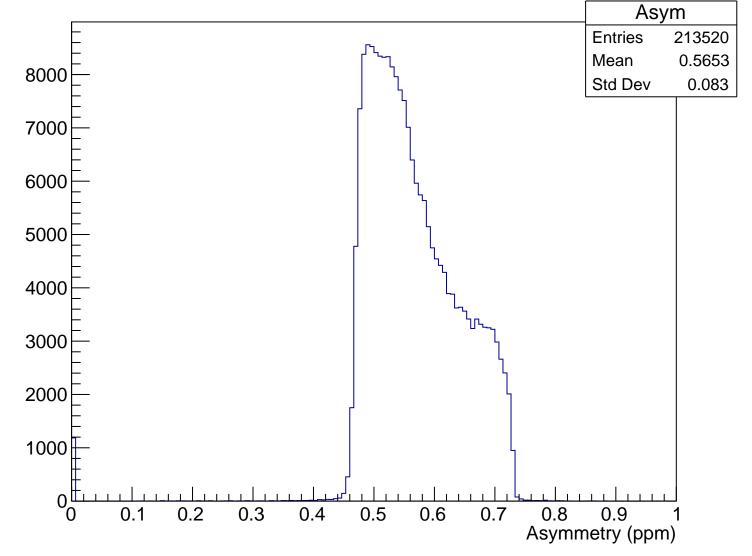




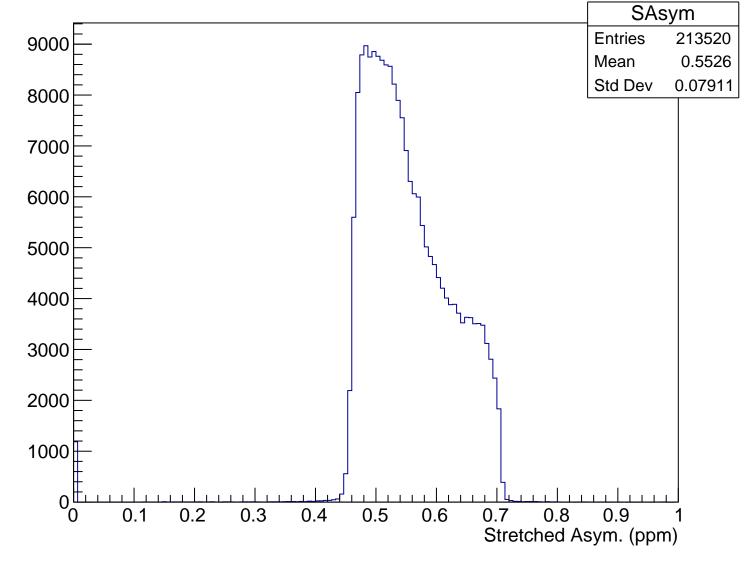
 $\theta_{lab}$  (deg), pCut = 0.941 GeV

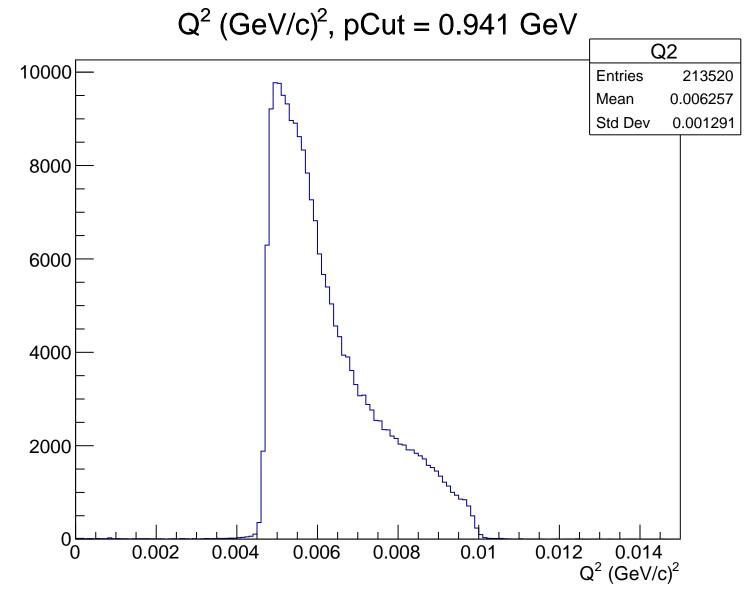


## Asymmetry (ppm), pCut = 0.941 GeV

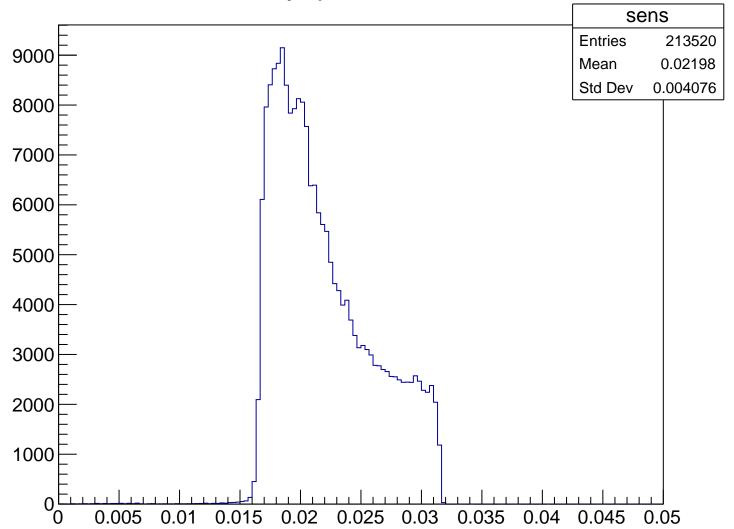


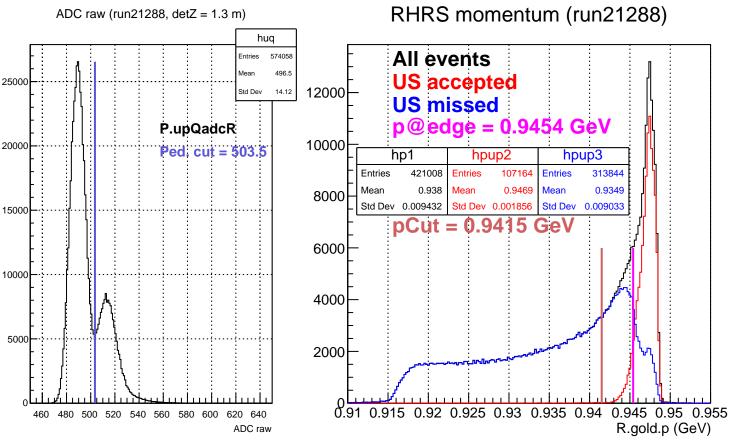
#### Stretched Asym. (ppm), pCut = 0.941 GeV



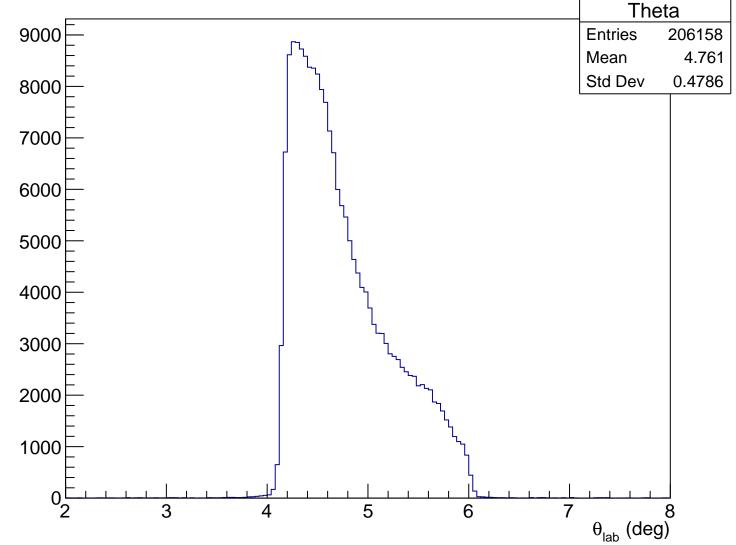


Sensitivity, pCut = 0.941 GeV

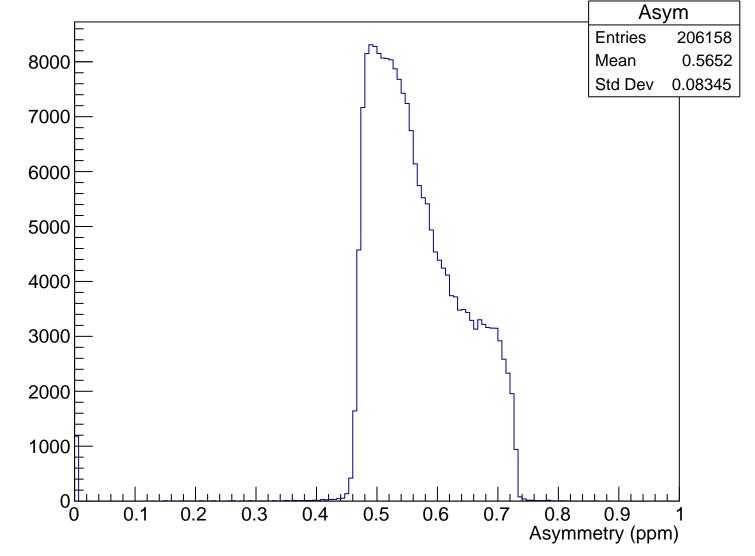




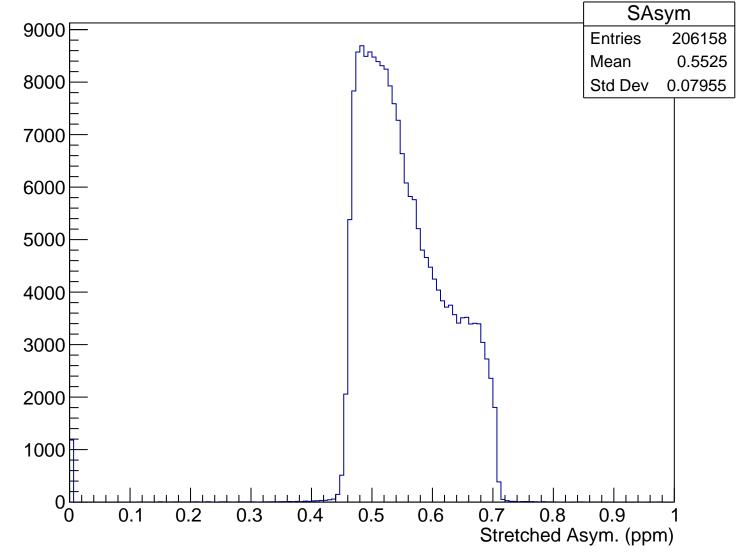
 $\theta_{lab}$  (deg), pCut = 0.942 GeV

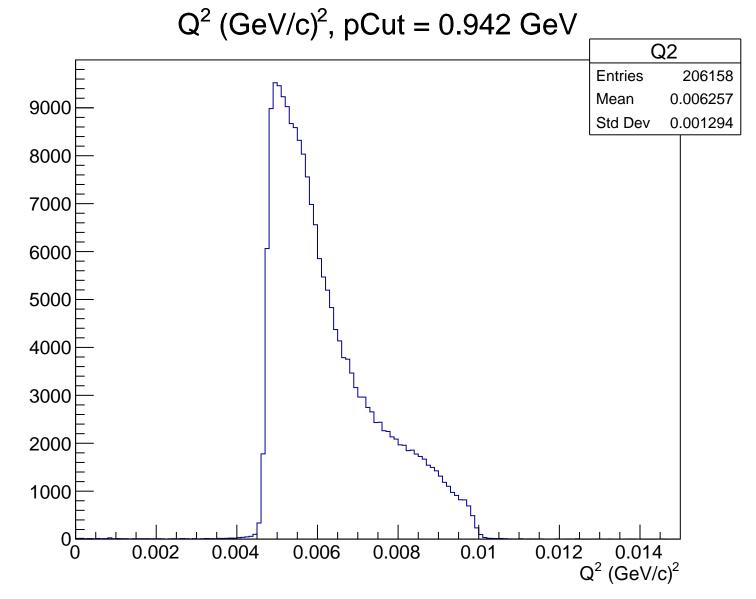


### Asymmetry (ppm), pCut = 0.942 GeV

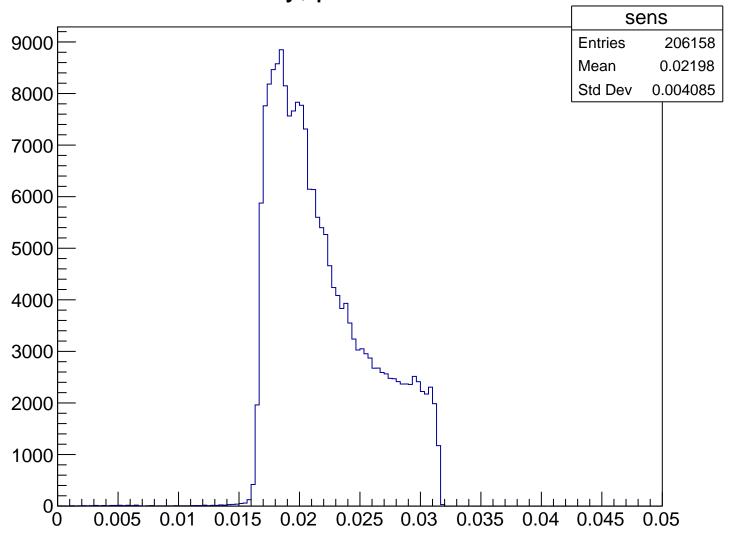


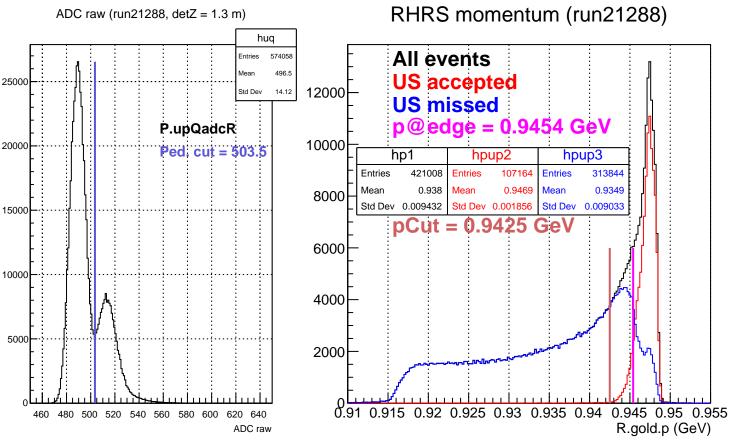
#### Stretched Asym. (ppm), pCut = 0.942 GeV



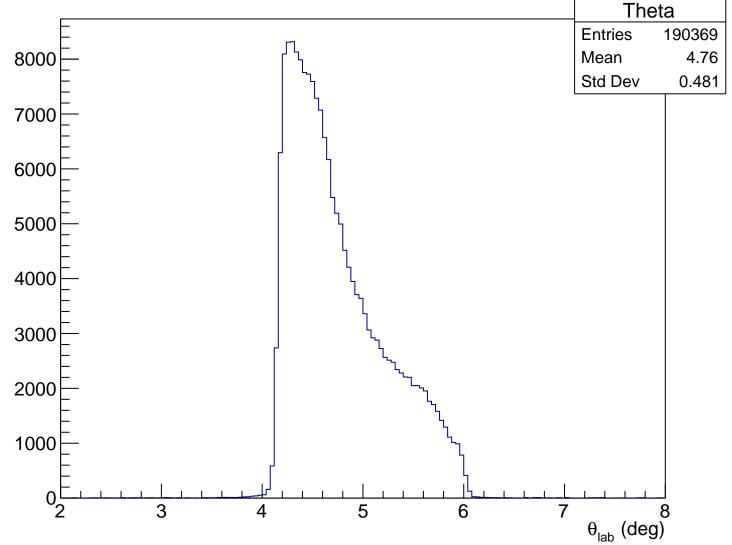


Sensitivity, pCut = 0.942 GeV

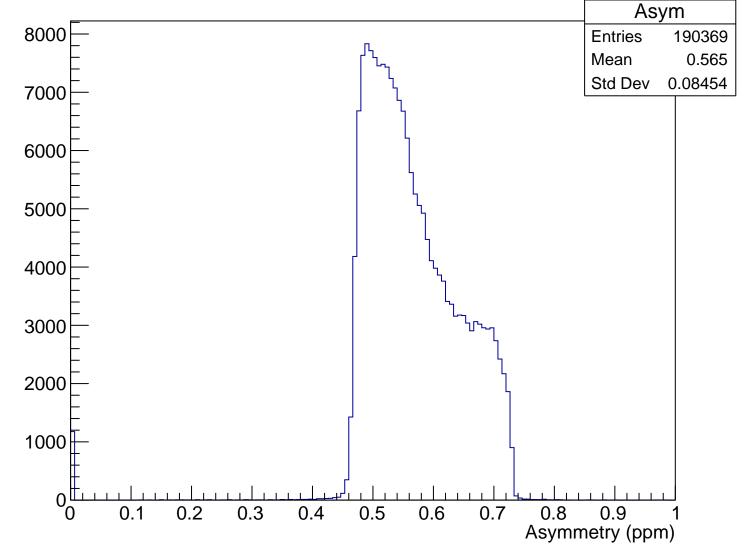




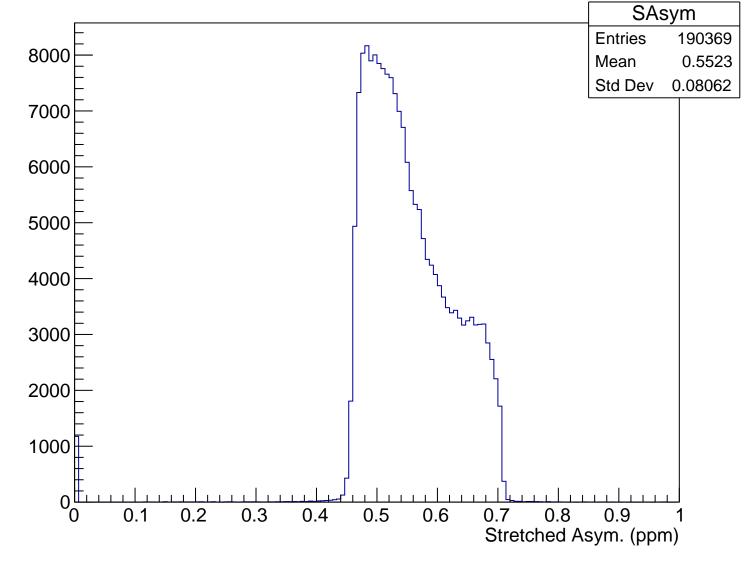
 $\theta_{lab}$  (deg), pCut = 0.943 GeV

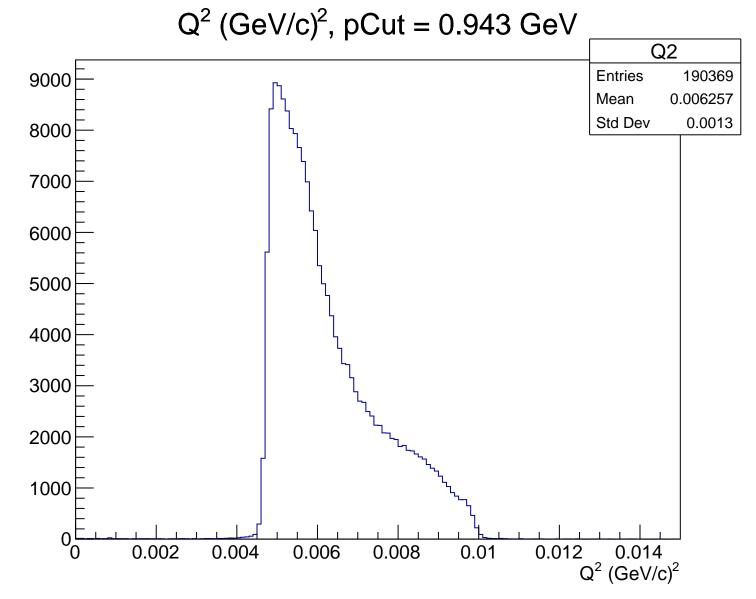


# Asymmetry (ppm), pCut = 0.943 GeV

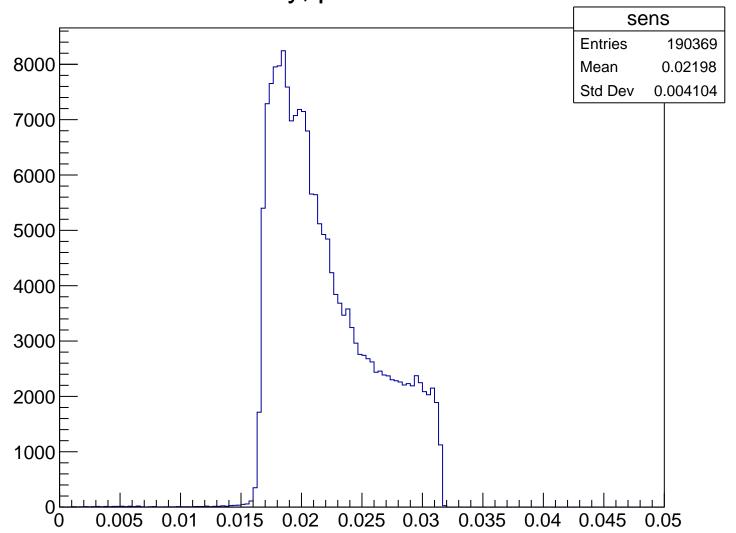


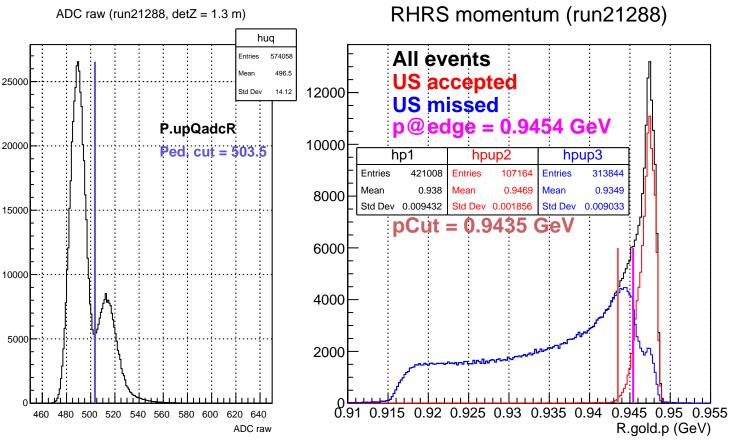
#### Stretched Asym. (ppm), pCut = 0.943 GeV



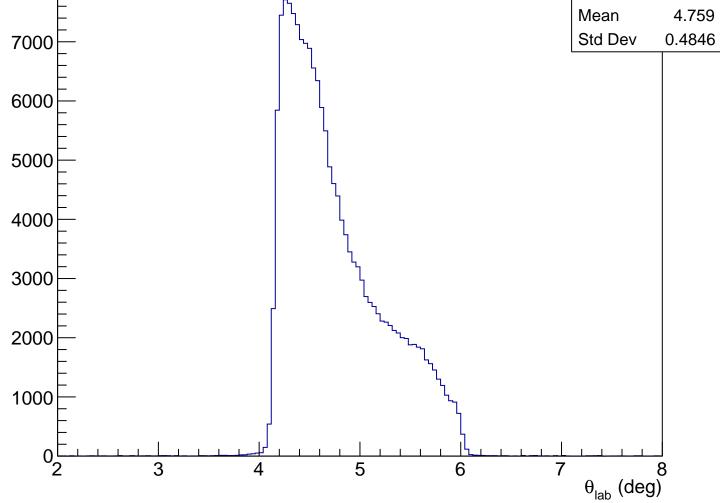


Sensitivity, pCut = 0.943 GeV



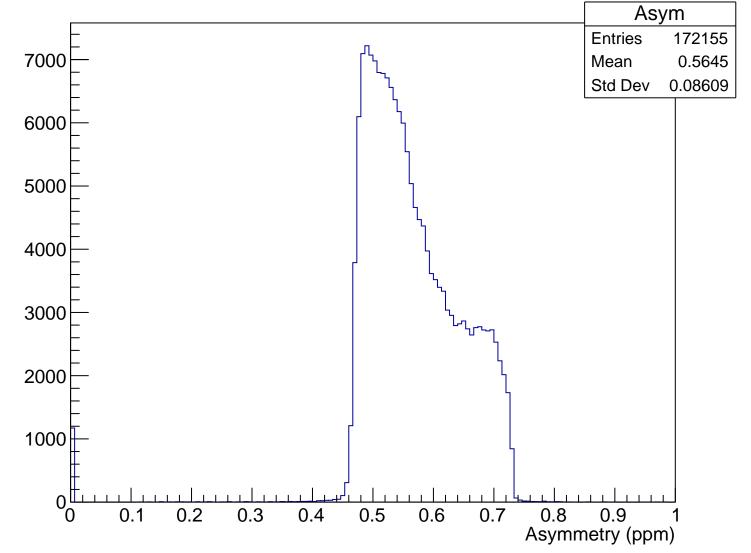


 $\theta_{lab}$  (deg), pCut = 0.944 GeV Theta **Entries** 172155 Mean Std Dev

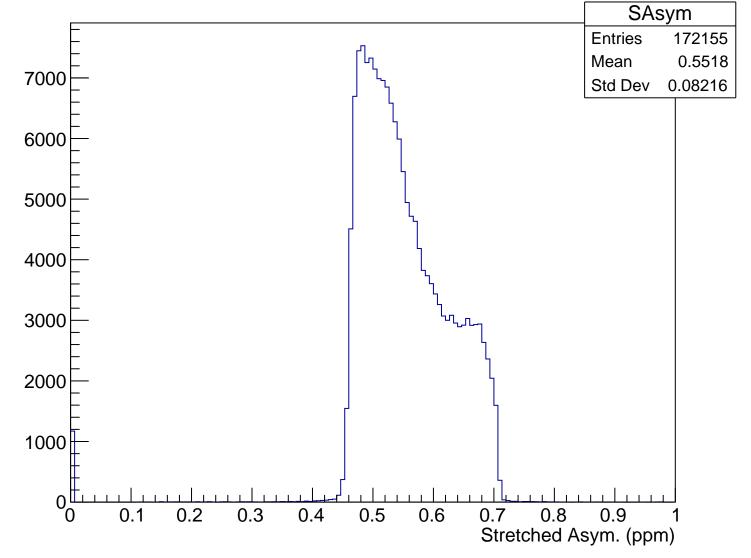


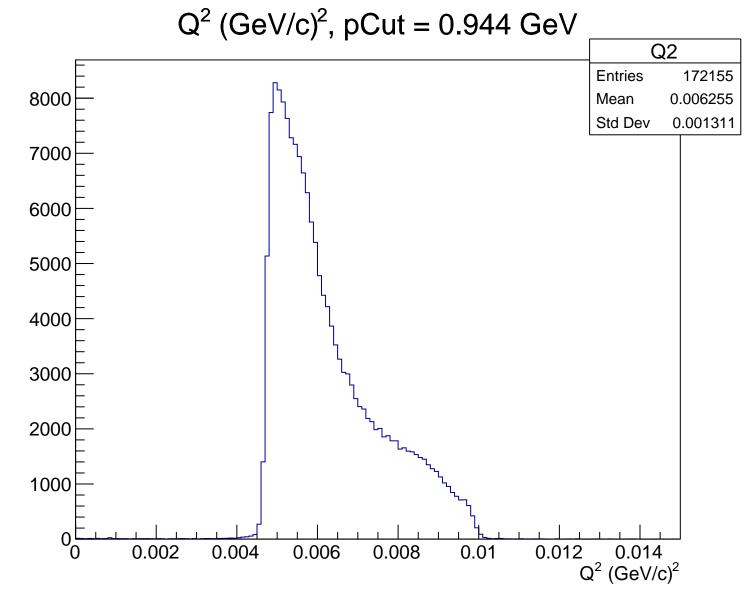
8000

### Asymmetry (ppm), pCut = 0.944 GeV

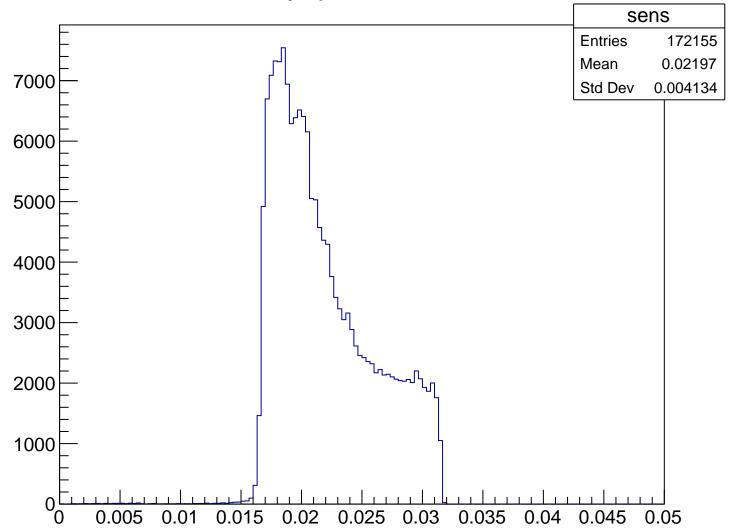


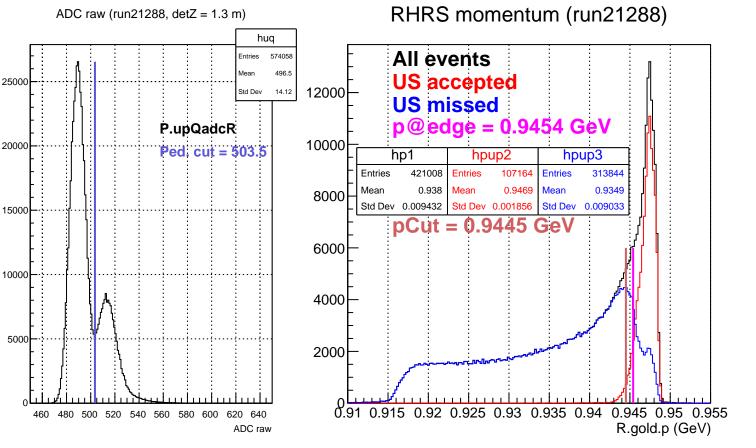
#### Stretched Asym. (ppm), pCut = 0.944 GeV



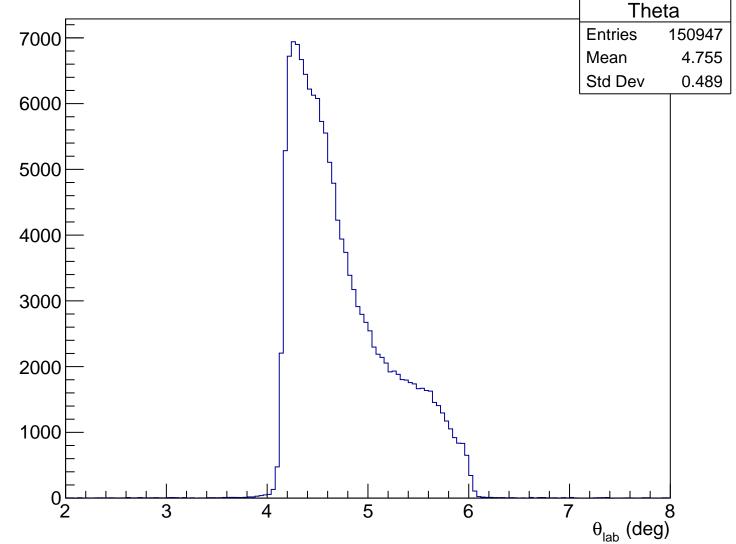


Sensitivity, pCut = 0.944 GeV

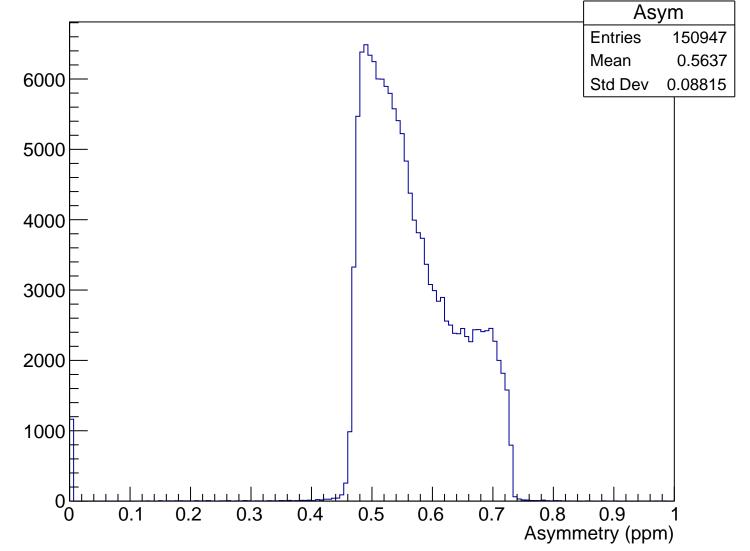




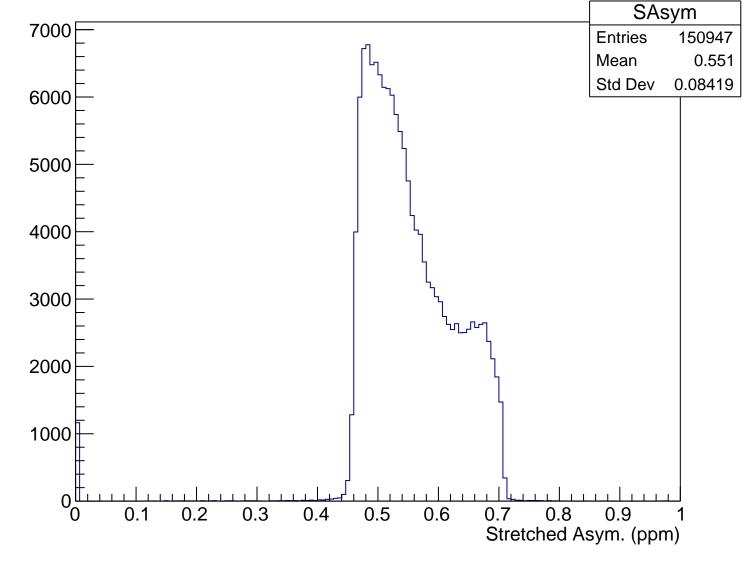
 $\theta_{lab}$  (deg), pCut = 0.945 GeV

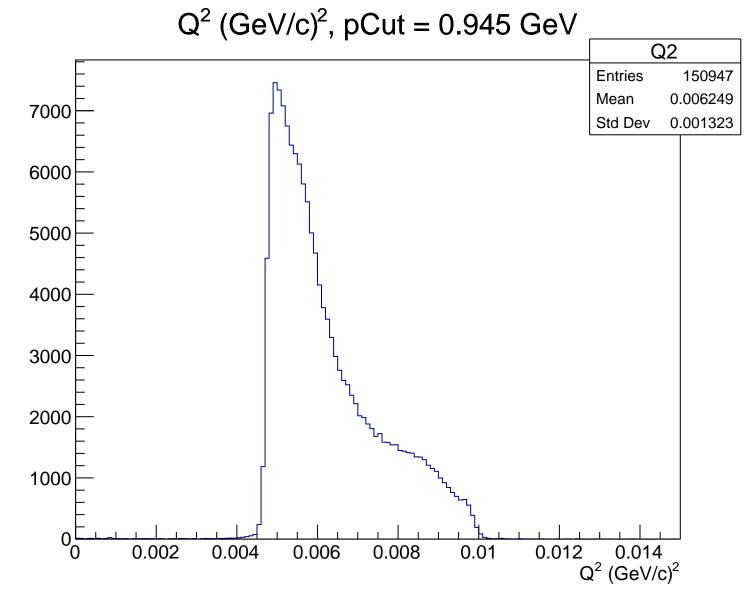


### Asymmetry (ppm), pCut = 0.945 GeV

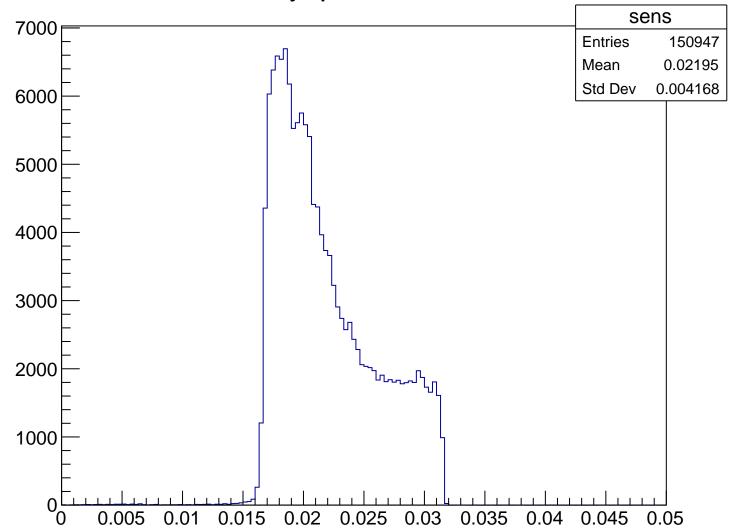


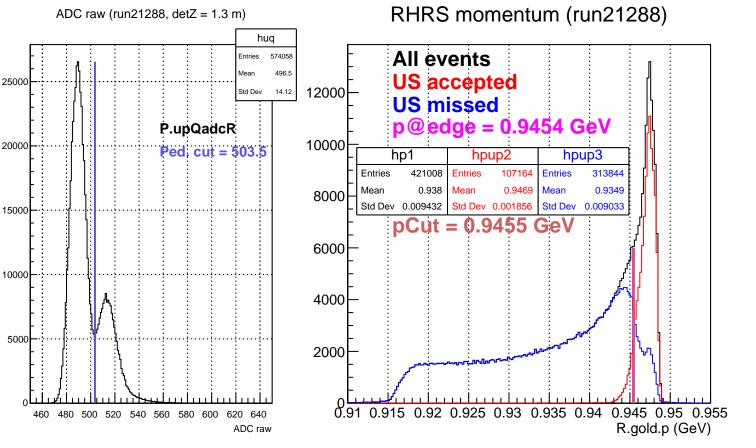
#### Stretched Asym. (ppm), pCut = 0.945 GeV





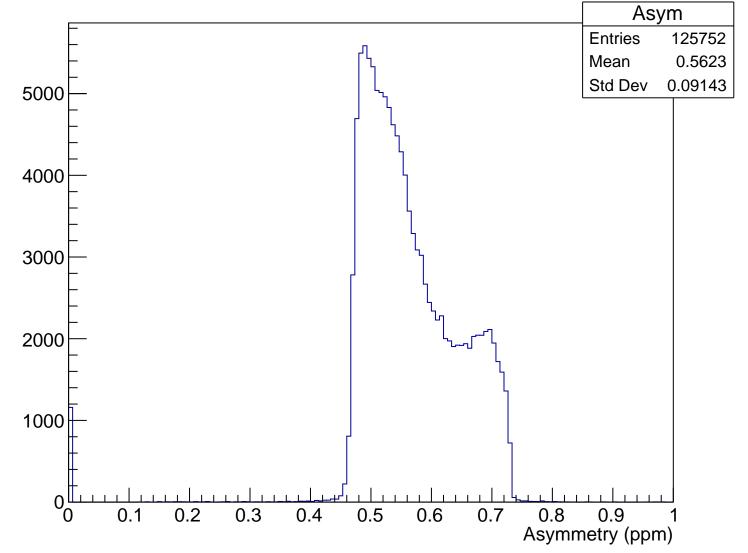
Sensitivity, pCut = 0.945 GeV



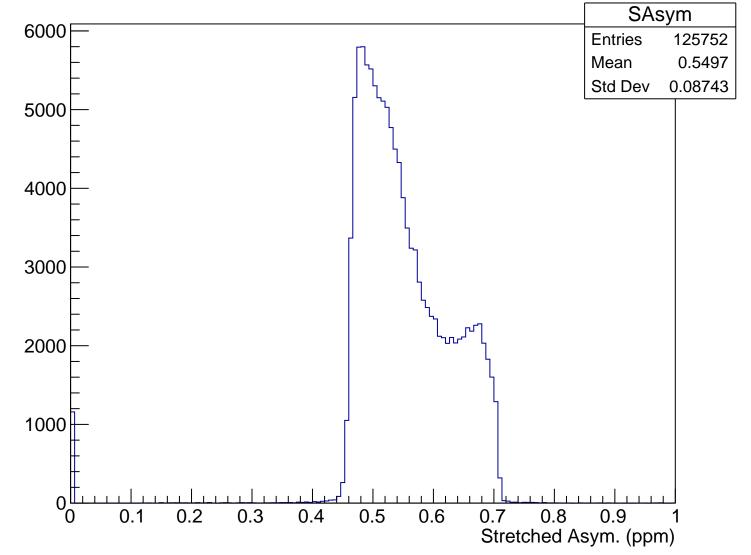


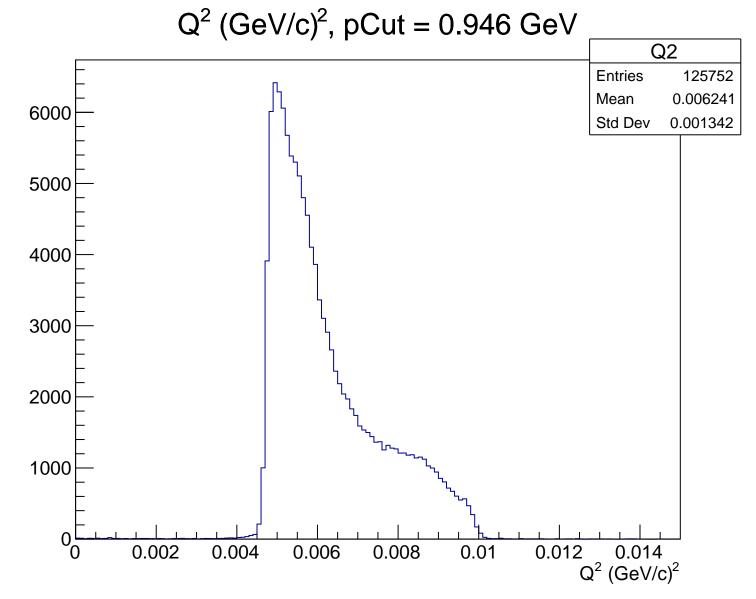
 $\theta_{lab}$  (deg), pCut = 0.946 GeV Theta **Entries** 6000 125752 Mean 4.751 Std Dev 0.4958 5000 4000 3000 2000 1000 5  $\theta_{lab}$  (deg)

### Asymmetry (ppm), pCut = 0.946 GeV

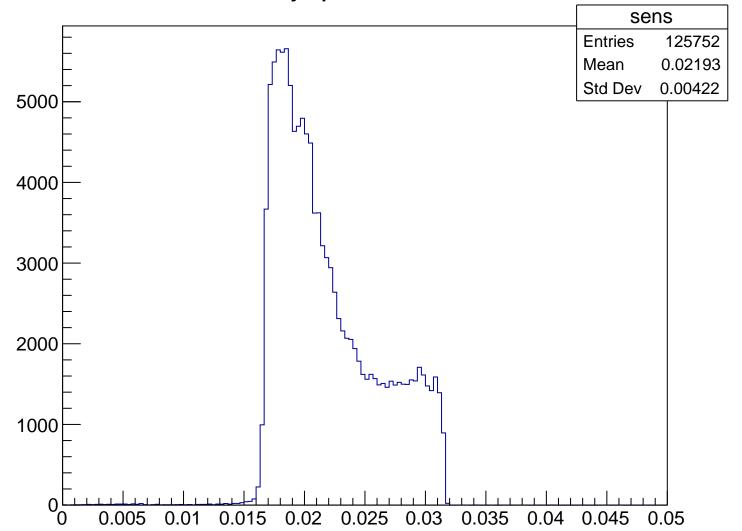


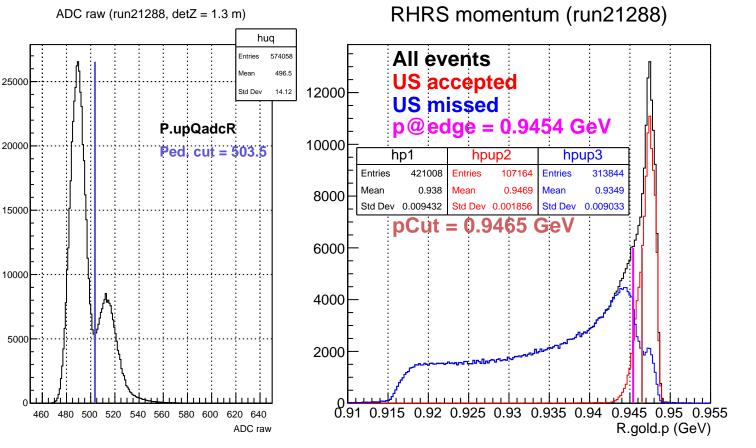
#### Stretched Asym. (ppm), pCut = 0.946 GeV





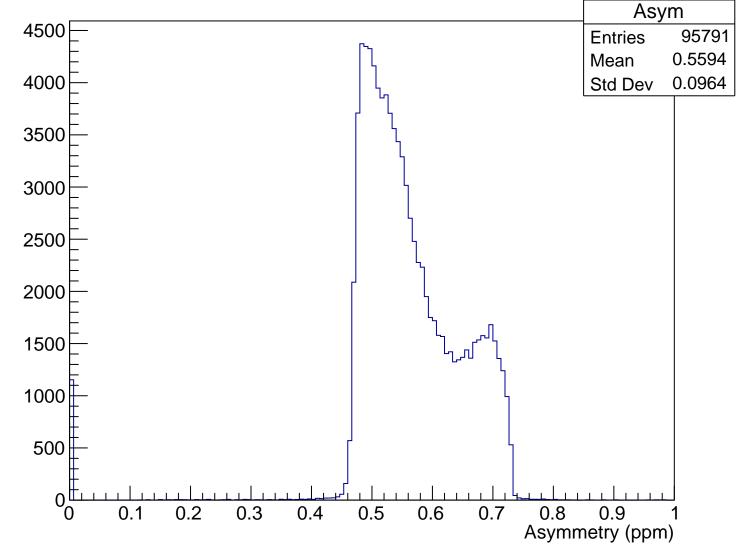
Sensitivity, pCut = 0.946 GeV



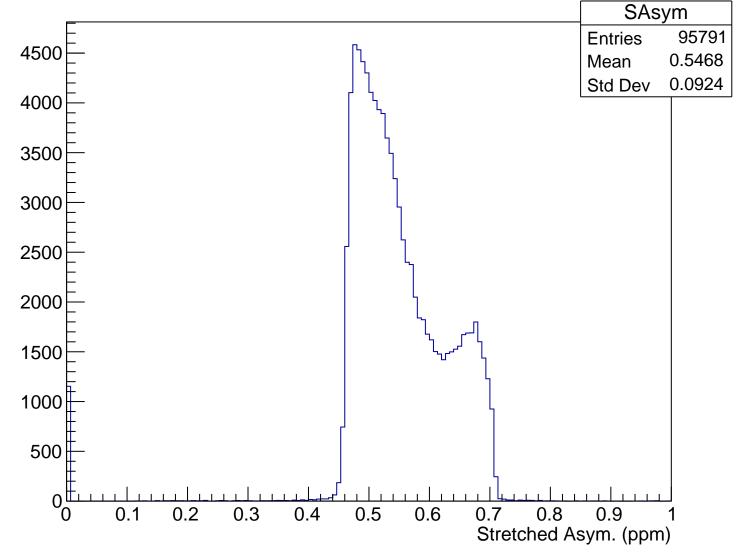


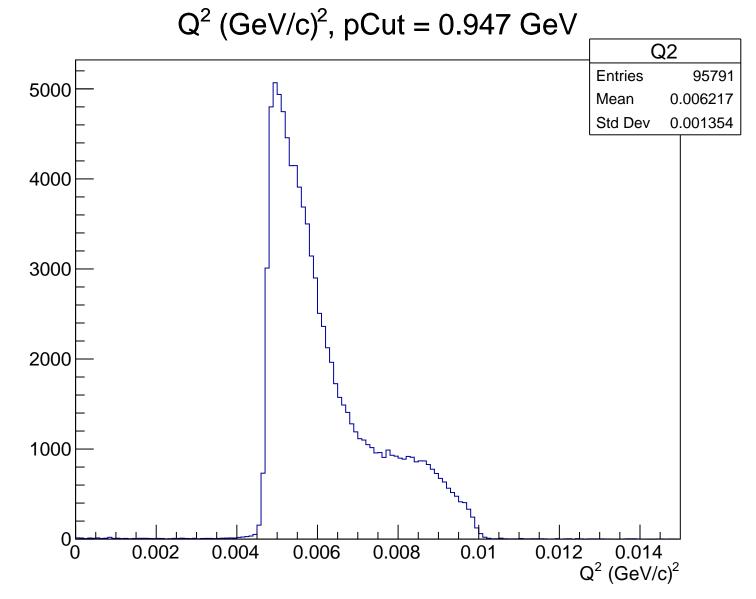
 $\theta_{lab}$  (deg), pCut = 0.947 GeV Theta 95791 **Entries** Mean 4.742 4500 Std Dev 0.5004 4000 3500 3000 2500 2000 1500 1000 500 3 5  $\theta_{lab}$  (deg)

# Asymmetry (ppm), pCut = 0.947 GeV



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





Sensitivity, pCut = 0.947 GeV

