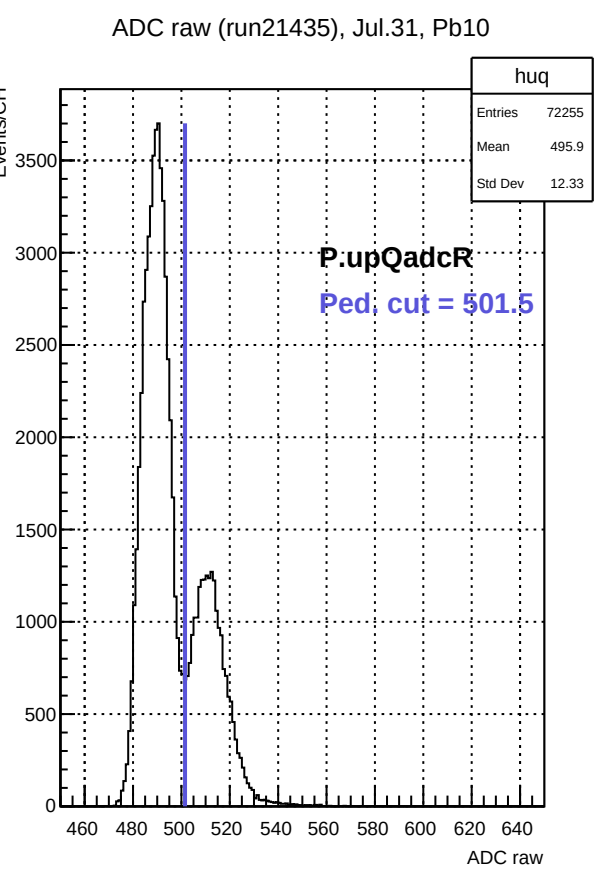
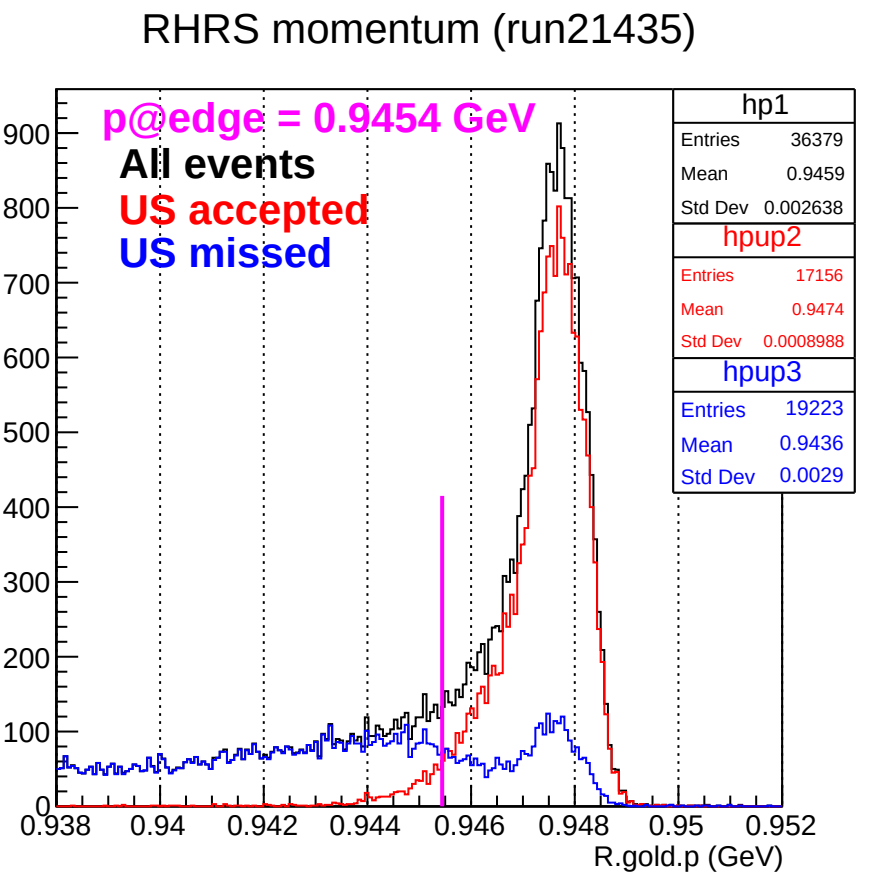
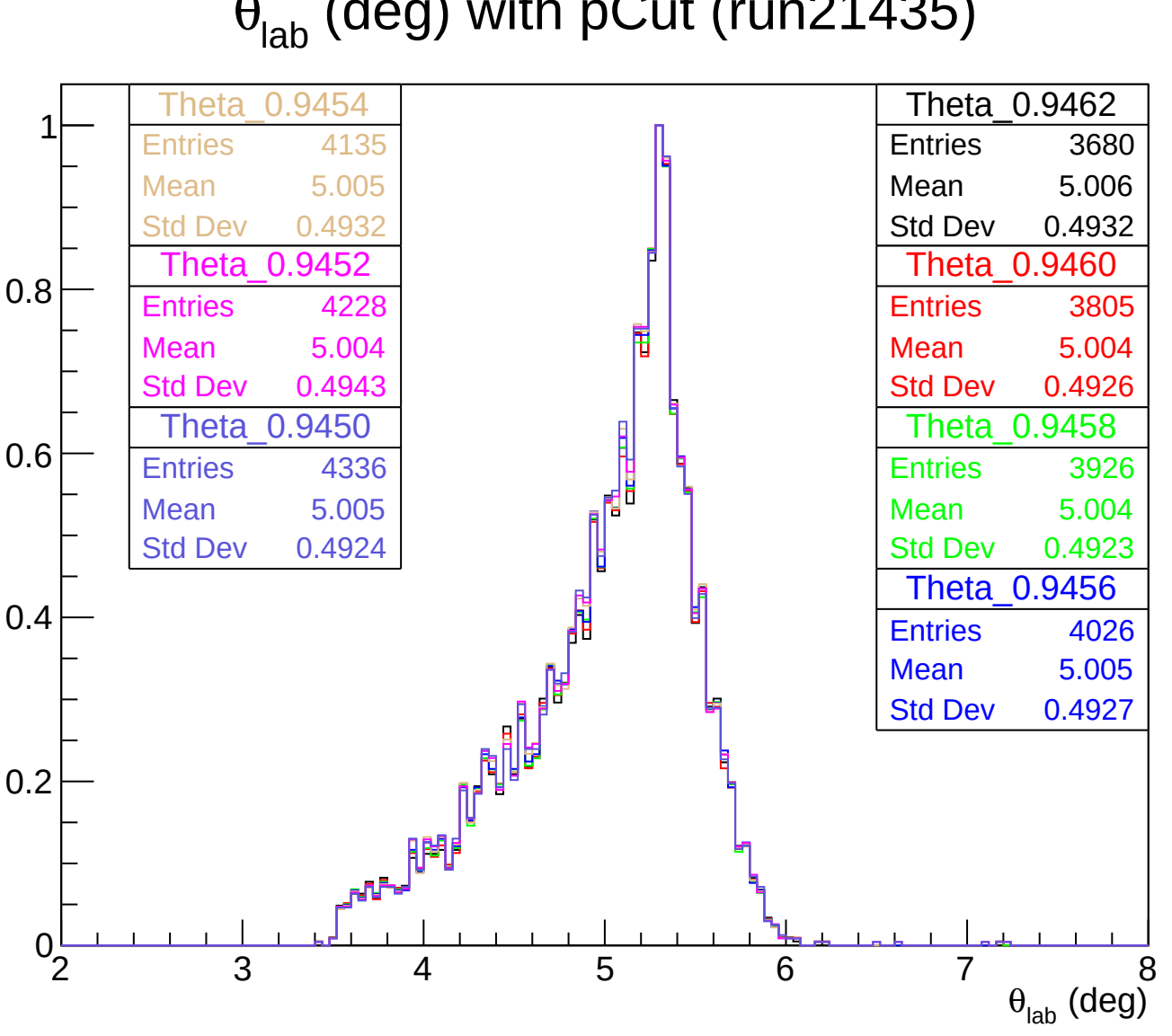
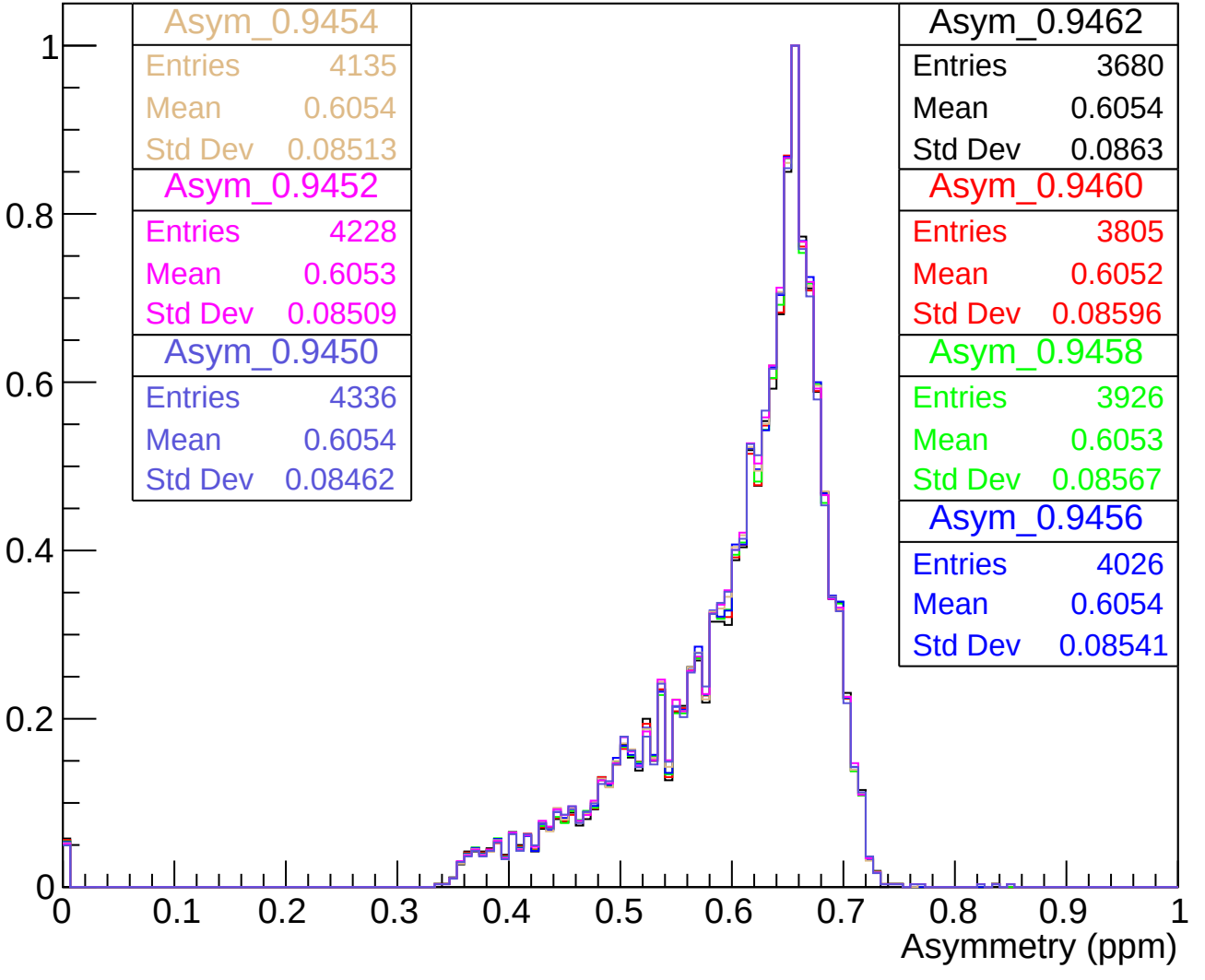
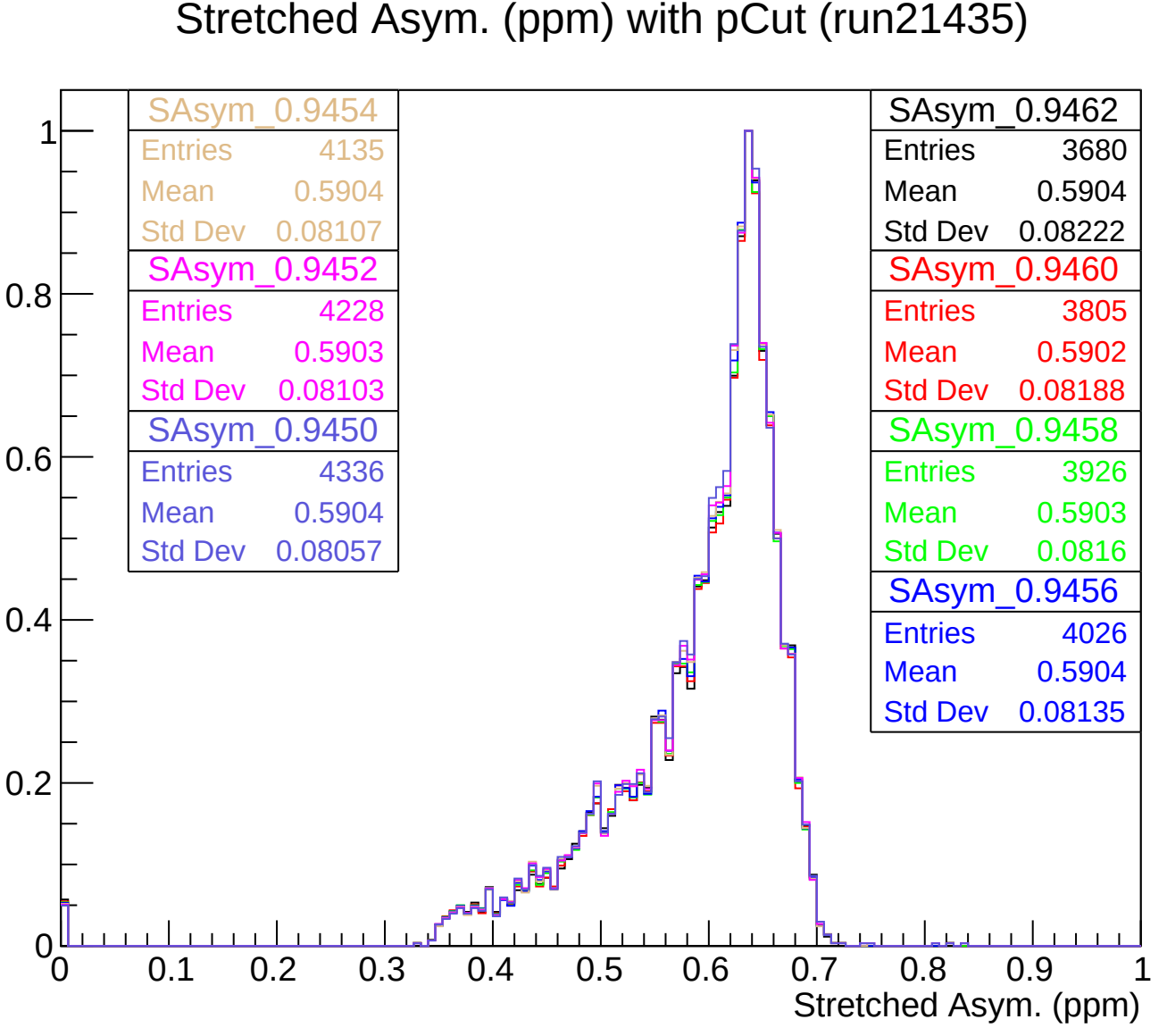

ADC raw (run21435), Jul.31, Pb10
huq
Entries 72255
Mean 495.9
Std Dev 12.33
P.upQadcR
Ped. cut = 501.5
Events/CH
ADC raw

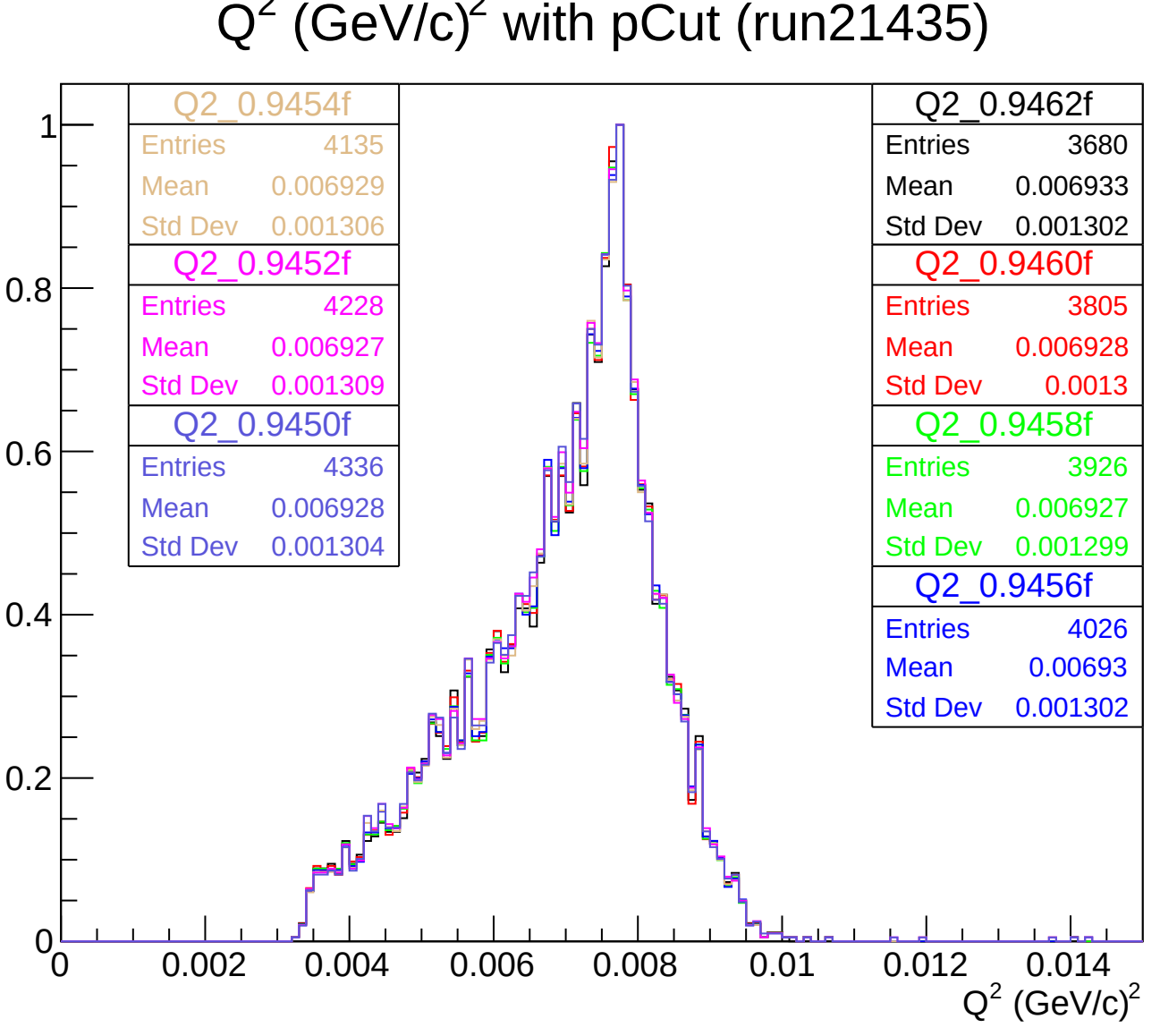
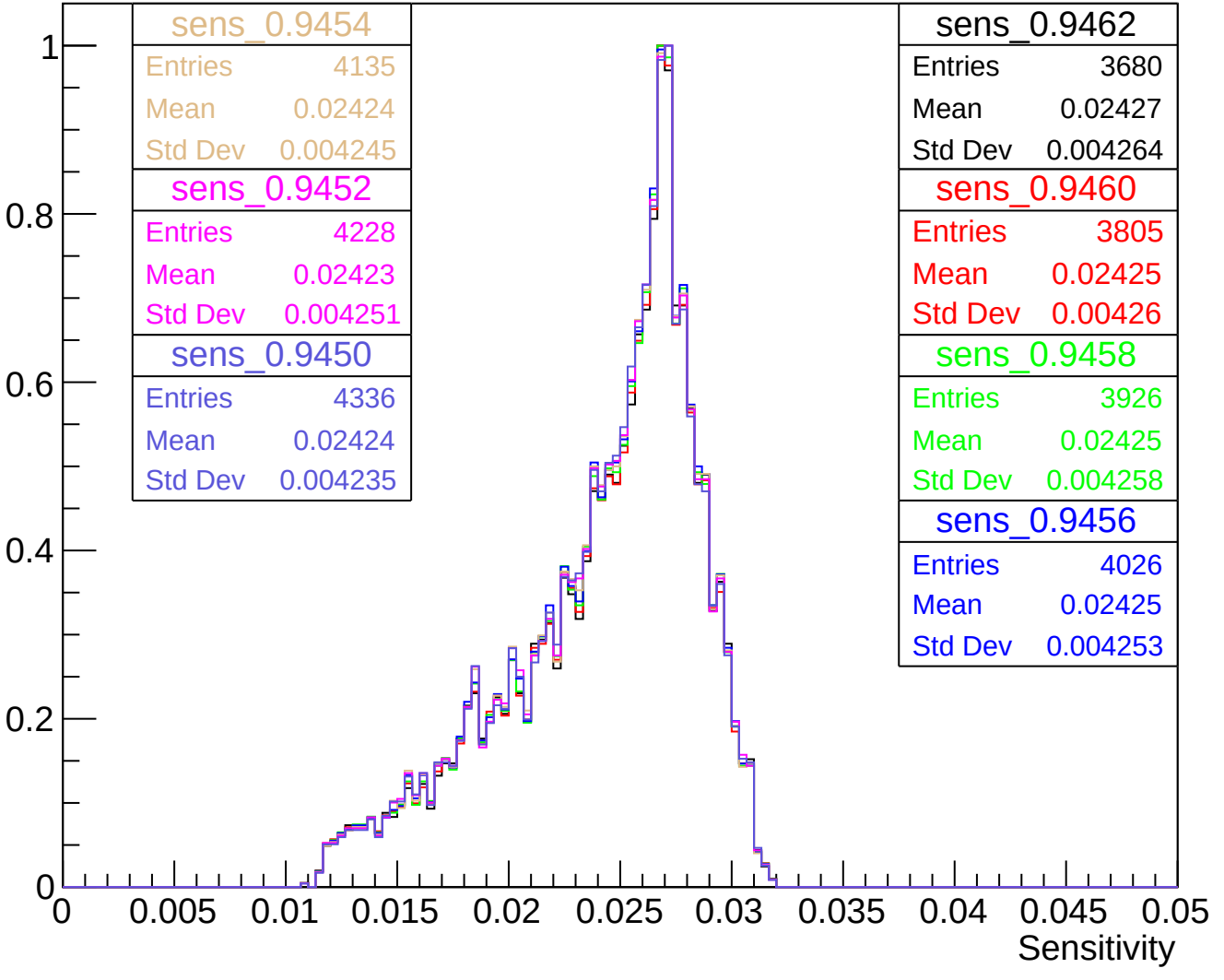

RHRS momentum (run21435)
p@edge = 0.9454 GeV
All events
US accepted
US missed
hp1
Entries 36379
Mean 0.9459
Std Dev 0.002638
hpup2
Entries 17156
Mean 0.9474
Std Dev 0.0008988
hpup3
Entries 19223
Mean 0.9436
Std Dev 0.0029
R.gold.p (GeV)


θlab (deg) with pCut (run21435)
Theta_0.9454
Entries 4135
Mean 5.005
Std Dev 0.4932
Theta_0.9452
Entries 4228
Mean 5.004
Std Dev 0.4943
Theta_0.9450
Entries 4336
Mean 5.005
Std Dev 0.4924
Theta_0.9462
Entries 3680
Mean 5.006
Std Dev 0.4932
Theta_0.9460
Entries 3805
Mean 5.004
Std Dev 0.4926
Theta_0.9458
Entries 3926
Mean 5.004
Std Dev 0.4923
Theta_0.9456
Entries 4026
Mean 5.005
Std Dev 0.4927
0
0.2
0.4
0.6
0.8
1
2
3
4
5
6
7
8
θlab (deg)

# Asymmetry (ppm) with pCut (run21435)




Stretched Asym. (ppm) with pCut (run21435)
SAsym_0.9454
Entries 4135
Mean 0.5904
Std Dev 0.08107
SAsym_0.9452
Entries 4228
Mean 0.5903
Std Dev 0.08103
SAsym_0.9450
Entries 4336
Mean 0.5904
Std Dev 0.08057
SAsym_0.9462
Entries 3680
Mean 0.5904
Std Dev 0.08222
SAsym_0.9460
Entries 3805
Mean 0.5902
Std Dev 0.08188
SAsym_0.9458
Entries 3926
Mean 0.5903
Std Dev 0.0816
SAsym_0.9456
Entries 4026
Mean 0.5904
Std Dev 0.08135
0
0.2
0.4
0.6
0.8
1
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)


$Q^2$ (GeV/c)$^2$ with pCut (run21435)
Q2_0.9454f
Entries 4135
Mean 0.006929
Std Dev 0.001306
Q2_0.9452f
Entries 4228
Mean 0.006927
Std Dev 0.001309
Q2_0.9450f
Entries 4336
Mean 0.006928
Std Dev 0.001304
Q2_0.9462f
Entries 3680
Mean 0.006933
Std Dev 0.001302
Q2_0.9460f
Entries 3805
Mean 0.006928
Std Dev 0.0013
Q2_0.9458f
Entries 3926
Mean 0.006927
Std Dev 0.001299
Q2_0.9456f
Entries 4026
Mean 0.00693
Std Dev 0.001302
0
0.2
0.4
0.6
0.8
1
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
$Q^2$ (GeV/c)$^2$

# Sensitivity with pCut (run21435)