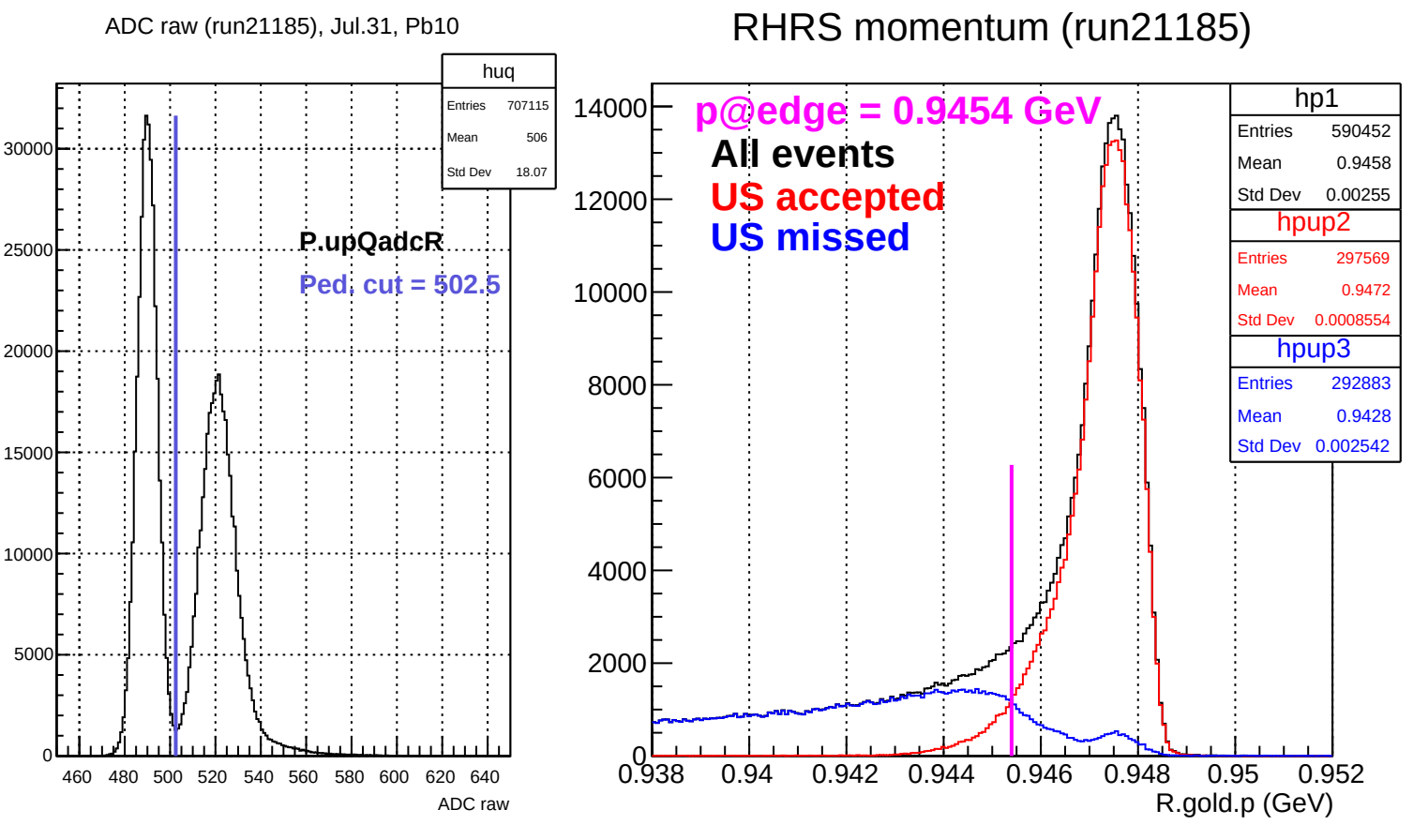
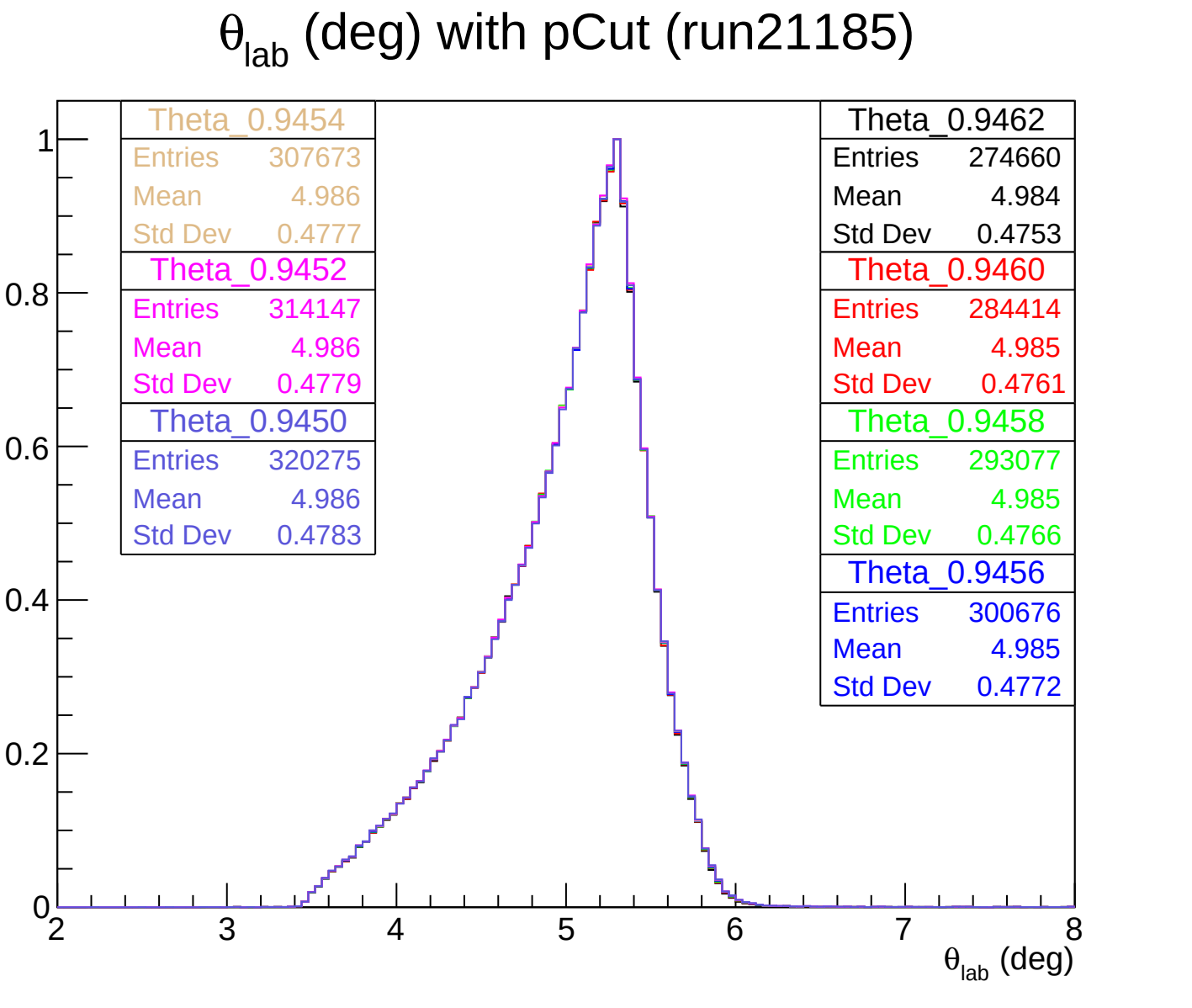
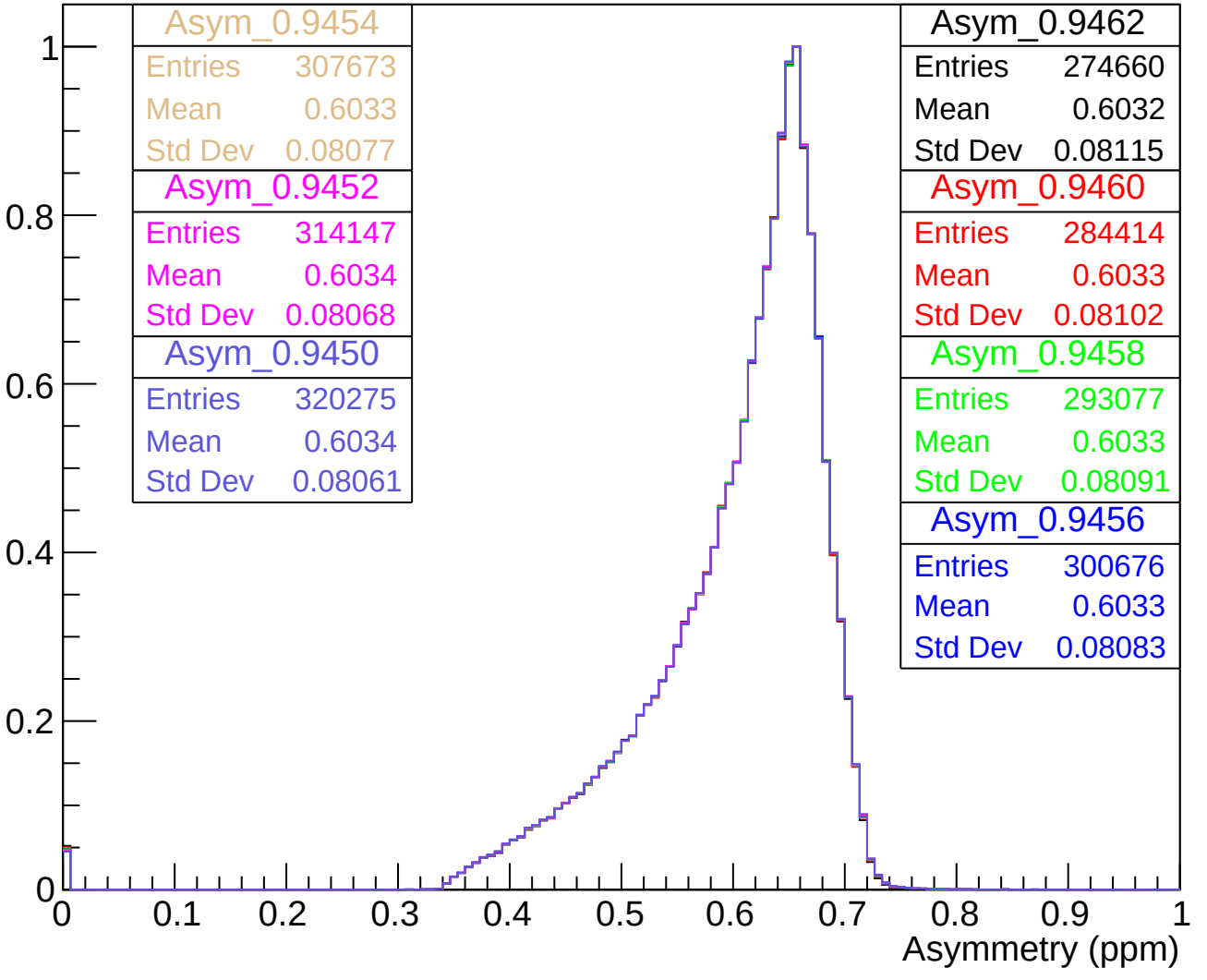
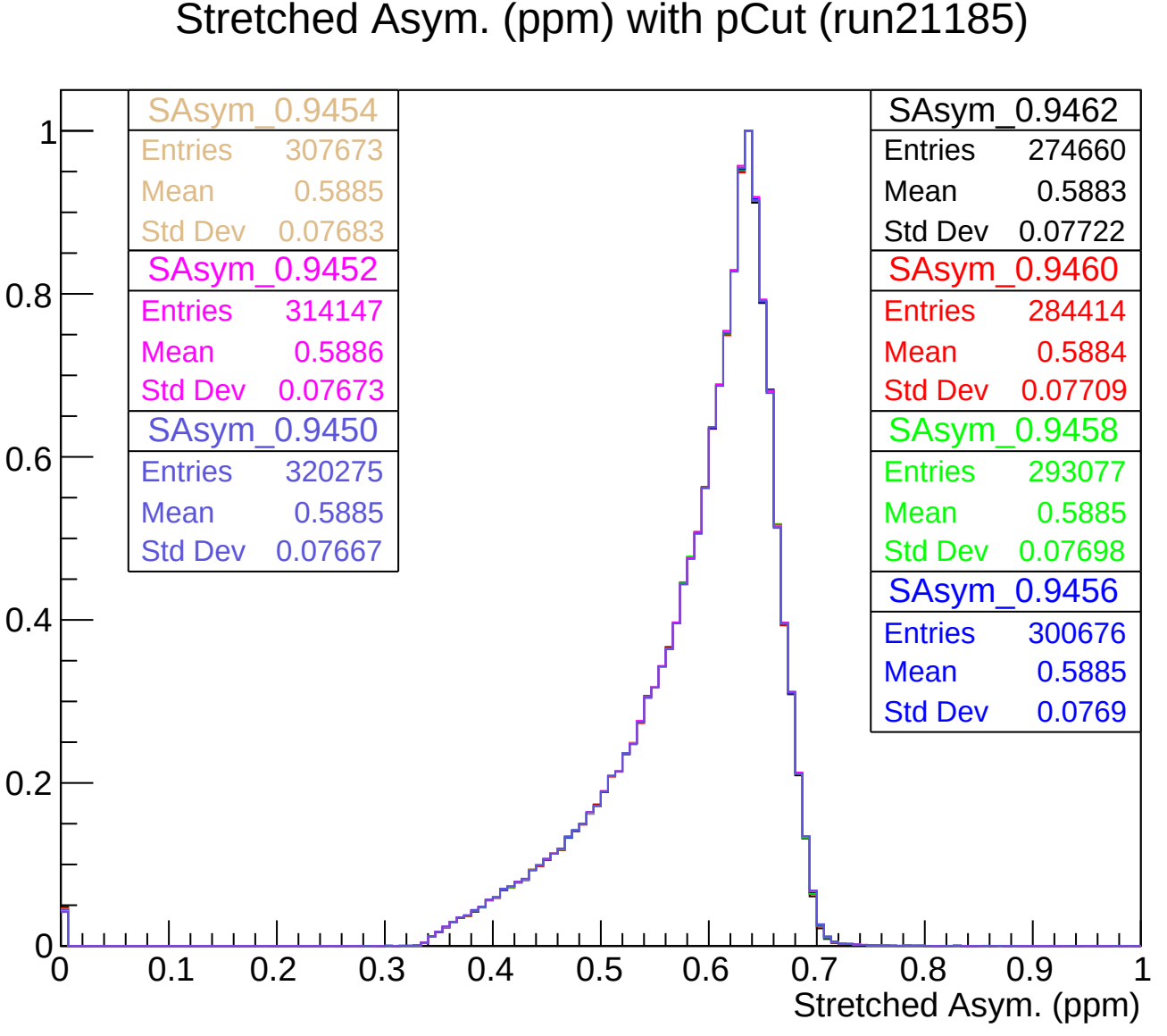
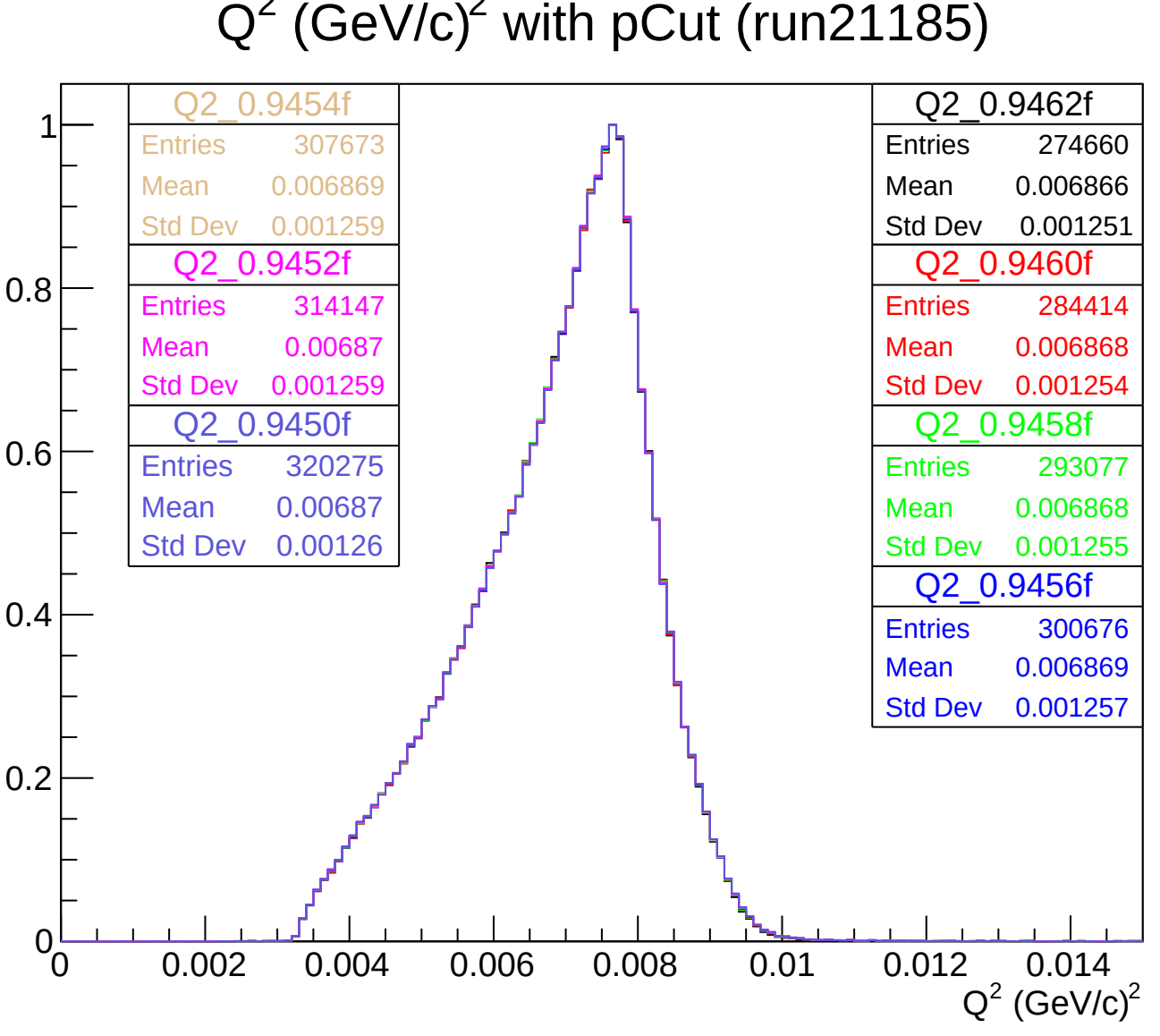
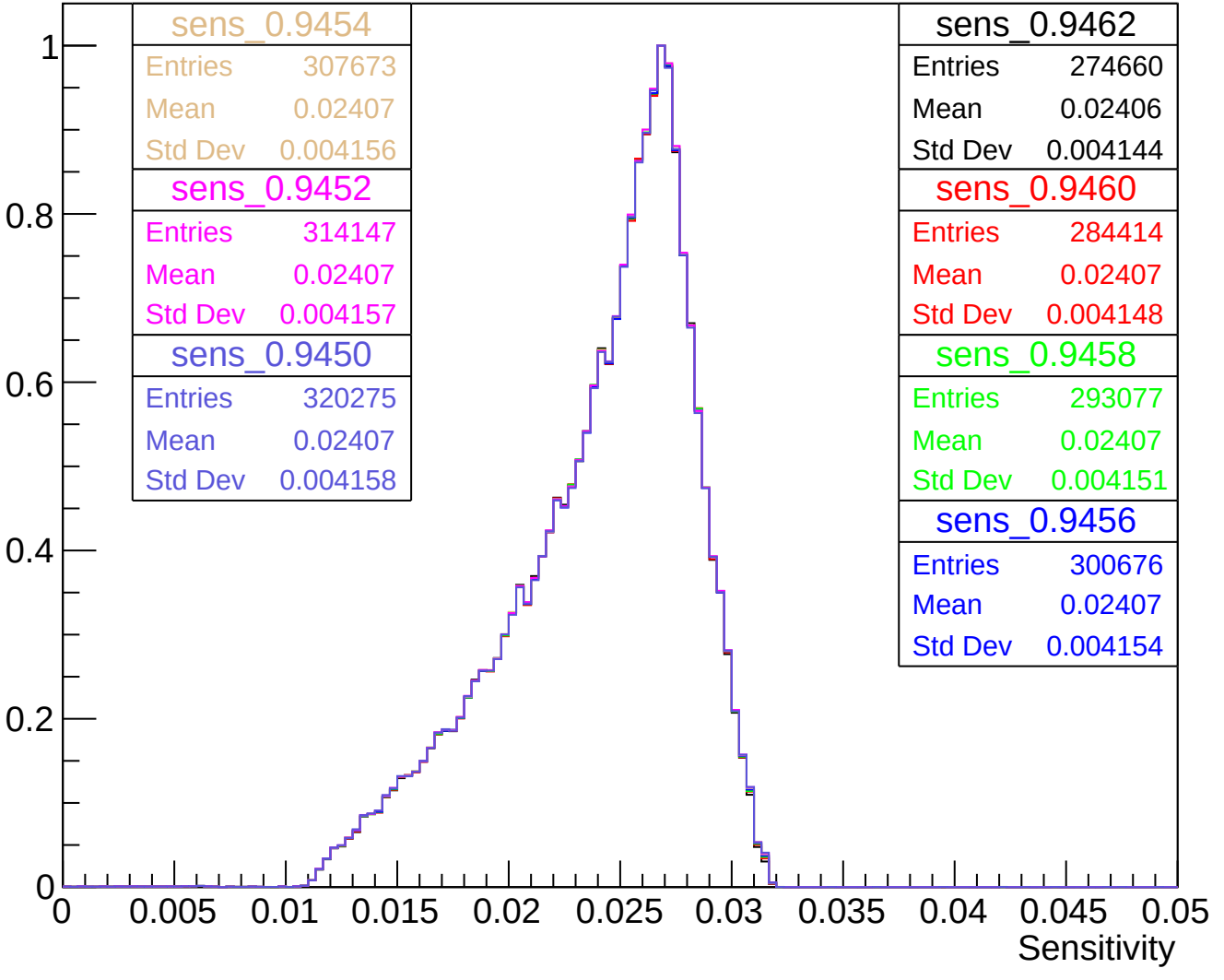

ADC raw (run21185), Jul.31, Pb10
huq
Entries 707115
Mean 506
Std Dev 18.07
P.upQadcR
Ped. cut = 502.5
ADC raw
RHRS momentum (run21185)
p@edge = 0.9454 GeV
All events
US accepted
US missed
hp1
Entries 590452
Mean 0.9458
Std Dev 0.00255
hpup2
Entries 297569
Mean 0.9472
Std Dev 0.0008554
hpup3
Entries 292883
Mean 0.9428
Std Dev 0.002542
R.gold.p (GeV)


θlab (deg) with pCut (run21185)
Theta_0.9454
Entries 307673
Mean 4.986
Std Dev 0.4777
Theta_0.9452
Entries 314147
Mean 4.986
Std Dev 0.4779
Theta_0.9450
Entries 320275
Mean 4.986
Std Dev 0.4783
Theta_0.9462
Entries 274660
Mean 4.984
Std Dev 0.4753
Theta_0.9460
Entries 284414
Mean 4.985
Std Dev 0.4761
Theta_0.9458
Entries 293077
Mean 4.985
Std Dev 0.4766
Theta_0.9456
Entries 300676
Mean 4.985
Std Dev 0.4772
0
0.2
0.4
0.6
0.8
1
2
3
4
5
6
7
8
θlab (deg)

Asymmetry (ppm) with pCut (run21185)




Stretched Asym. (ppm) with pCut (run21185)
SAsym_0.9454
Entries 307673
Mean 0.5885
Std Dev 0.07683
SAsym_0.9452
Entries 314147
Mean 0.5886
Std Dev 0.07673
SAsym_0.9450
Entries 320275
Mean 0.5885
Std Dev 0.07667
SAsym_0.9462
Entries 274660
Mean 0.5883
Std Dev 0.07722
SAsym_0.9460
Entries 284414
Mean 0.5884
Std Dev 0.07709
SAsym_0.9458
Entries 293077
Mean 0.5885
Std Dev 0.07698
SAsym_0.9456
Entries 300676
Mean 0.5885
Std Dev 0.0769
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 (run21185)
Q2_0.9454f
Entries 307673
Mean 0.006869
Std Dev 0.001259
Q2_0.9452f
Entries 314147
Mean 0.00687
Std Dev 0.001259
Q2_0.9450f
Entries 320275
Mean 0.00687
Std Dev 0.00126
Q2_0.9462f
Entries 274660
Mean 0.006866
Std Dev 0.001251
Q2_0.9460f
Entries 284414
Mean 0.006868
Std Dev 0.001254
Q2_0.9458f
Entries 293077
Mean 0.006868
Std Dev 0.001255
Q2_0.9456f
Entries 300676
Mean 0.006869
Std Dev 0.001257
1
0.8
0.6
0.4
0.2
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

Sensitivity with pCut (run21185)