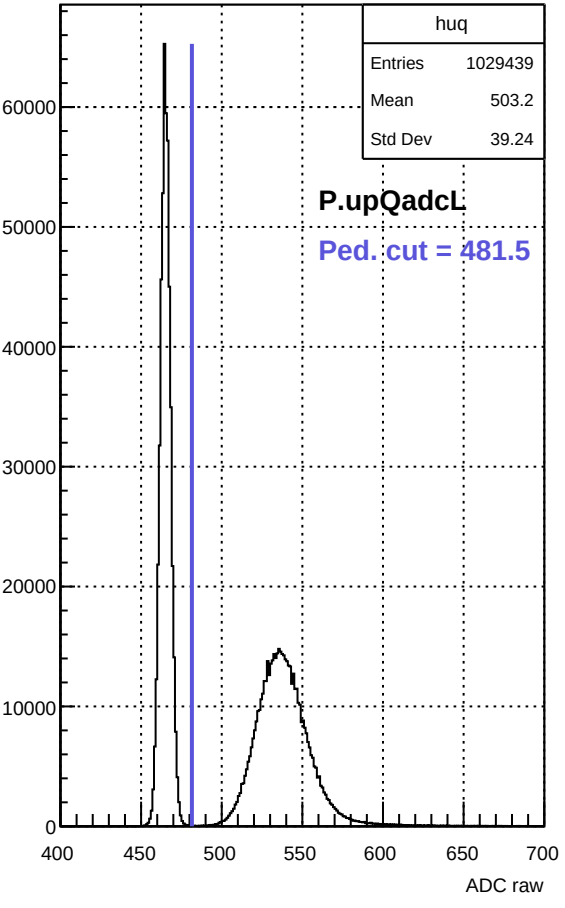
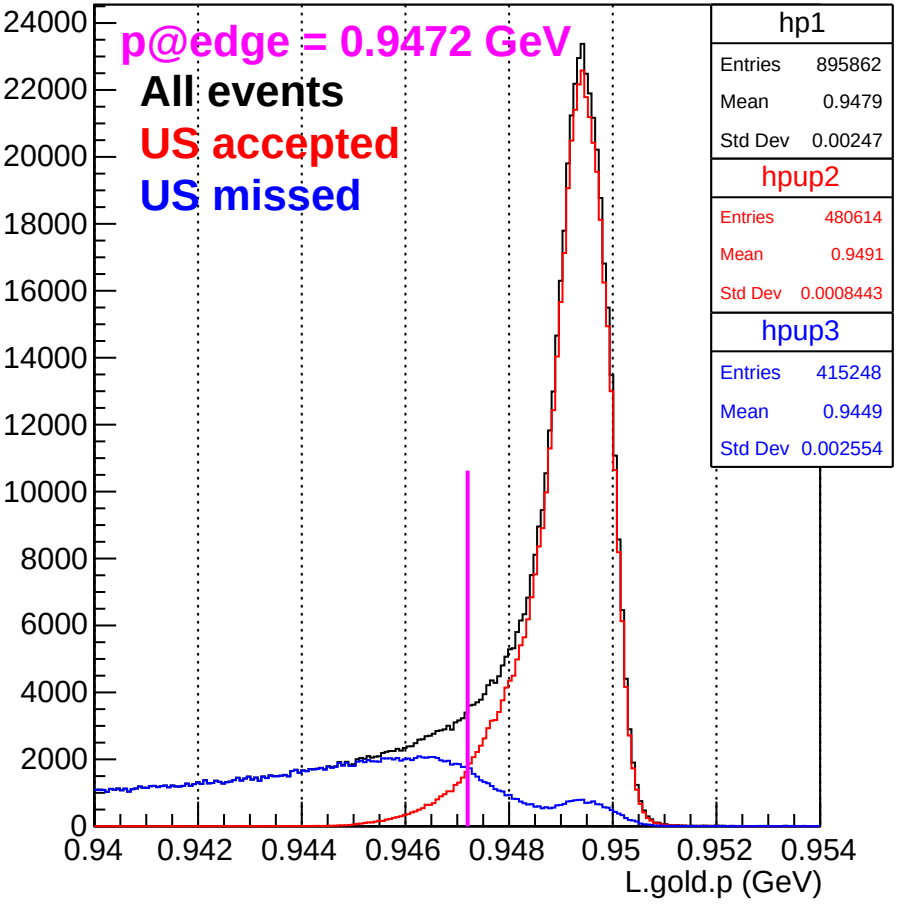
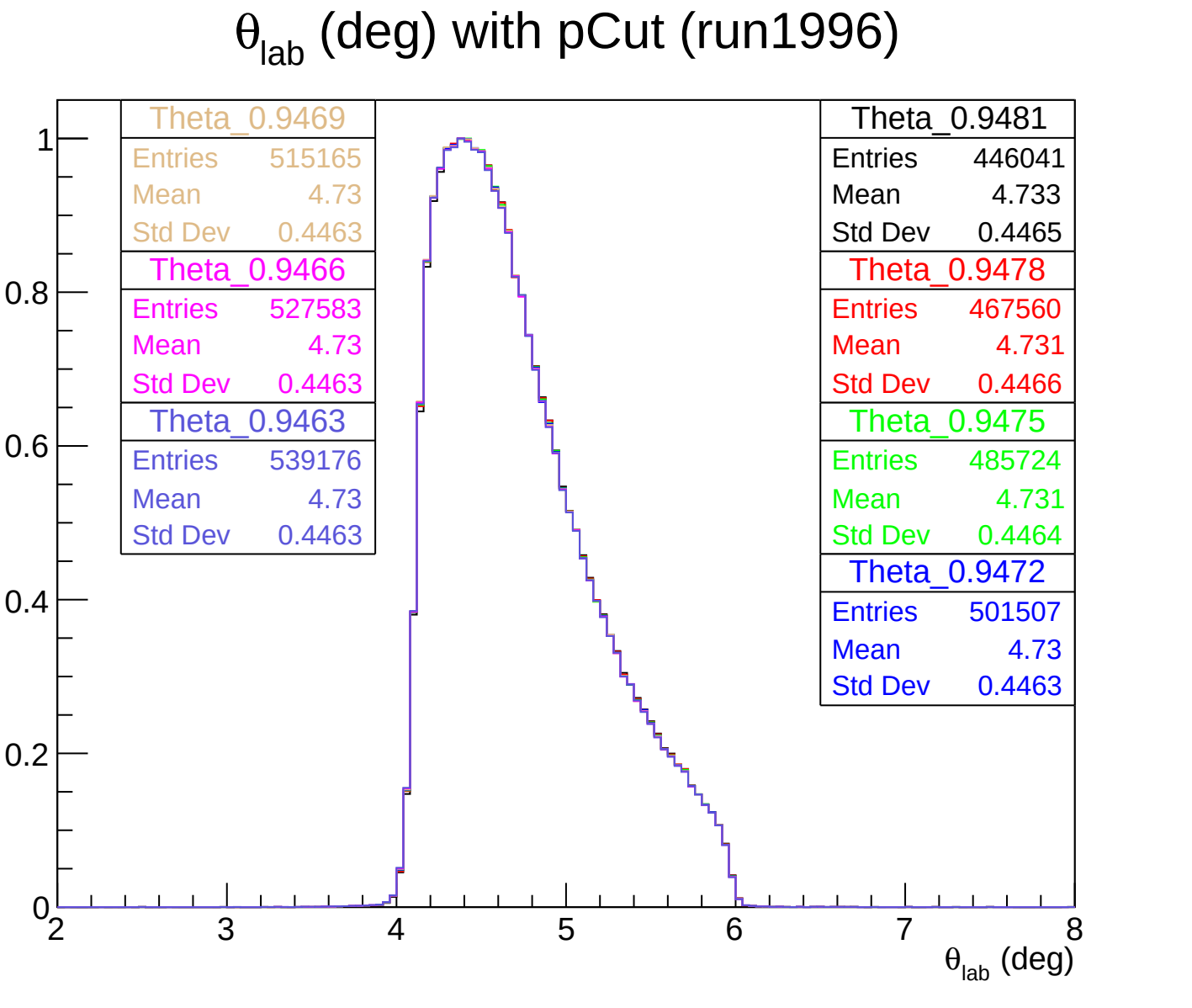
ADC raw (run1996, detZ = 1.3 m)

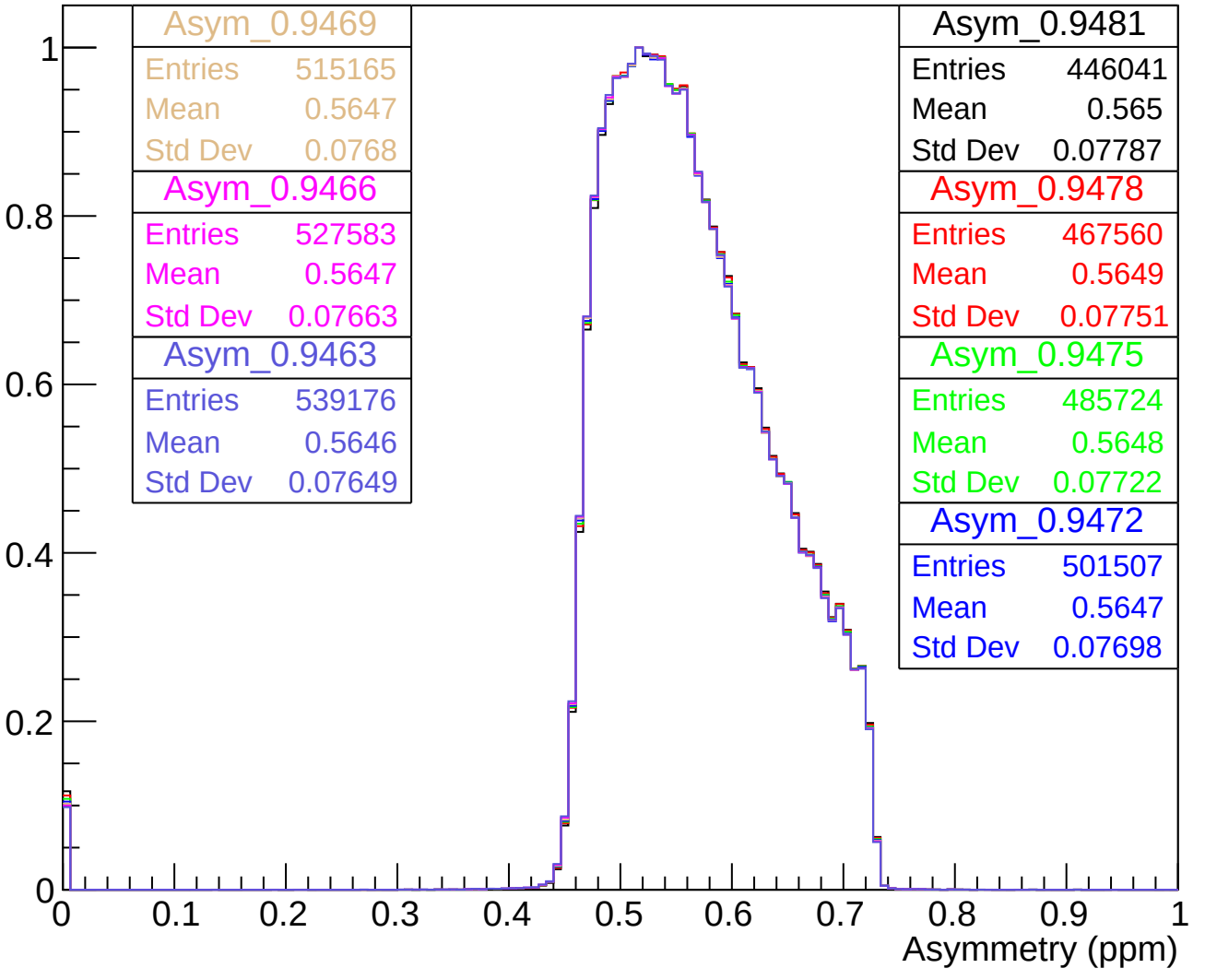


LHRS momentum run1996

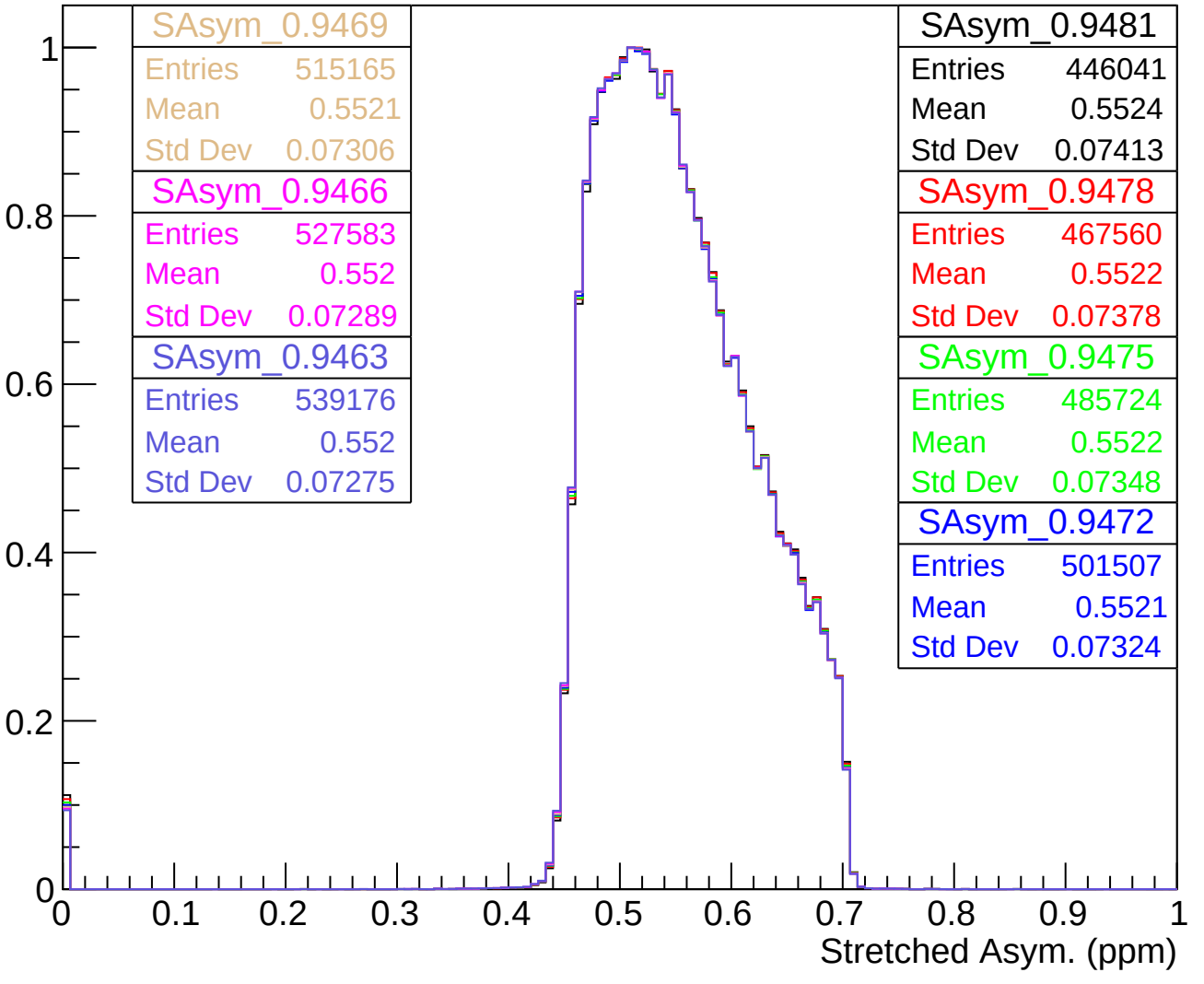


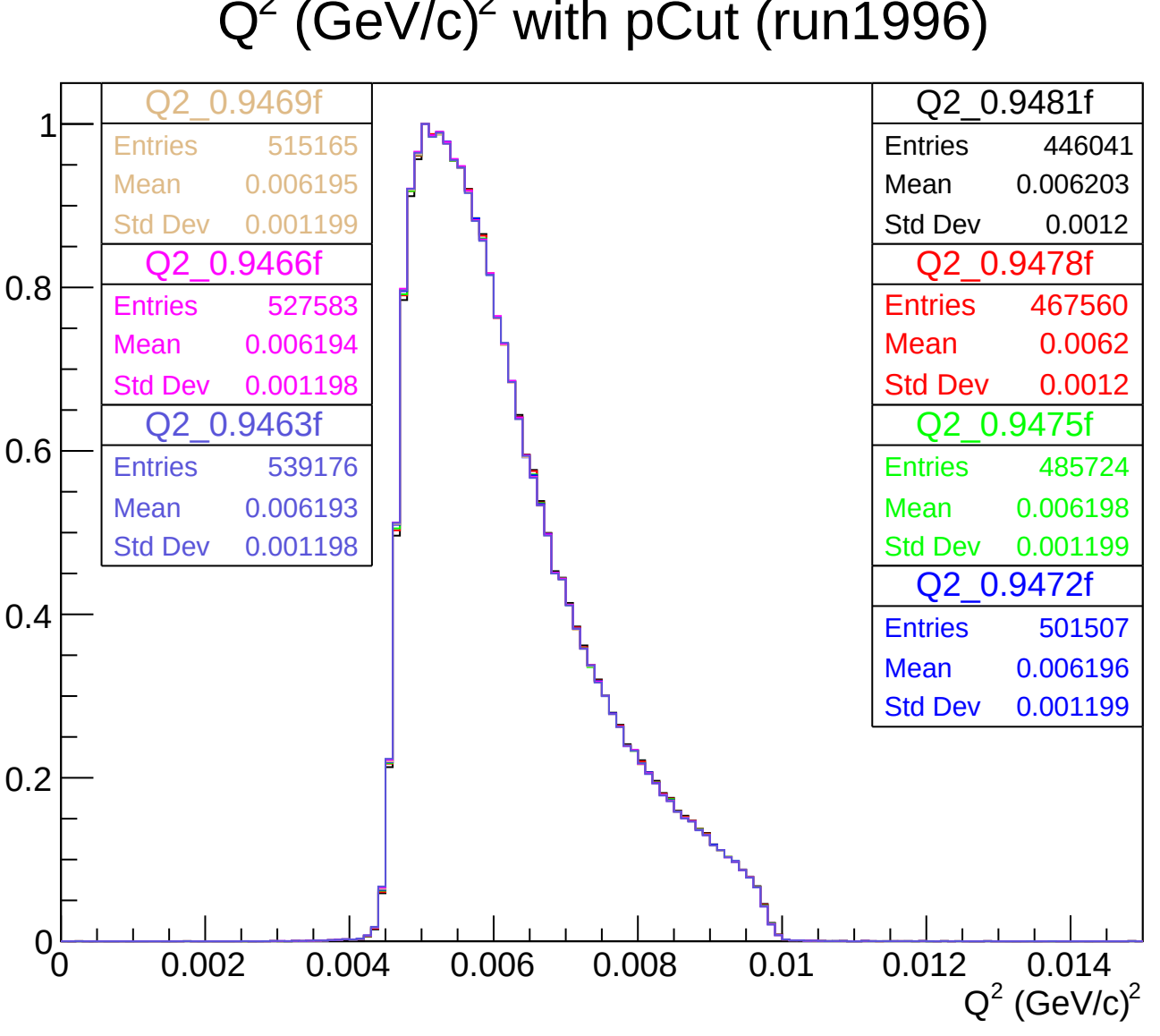
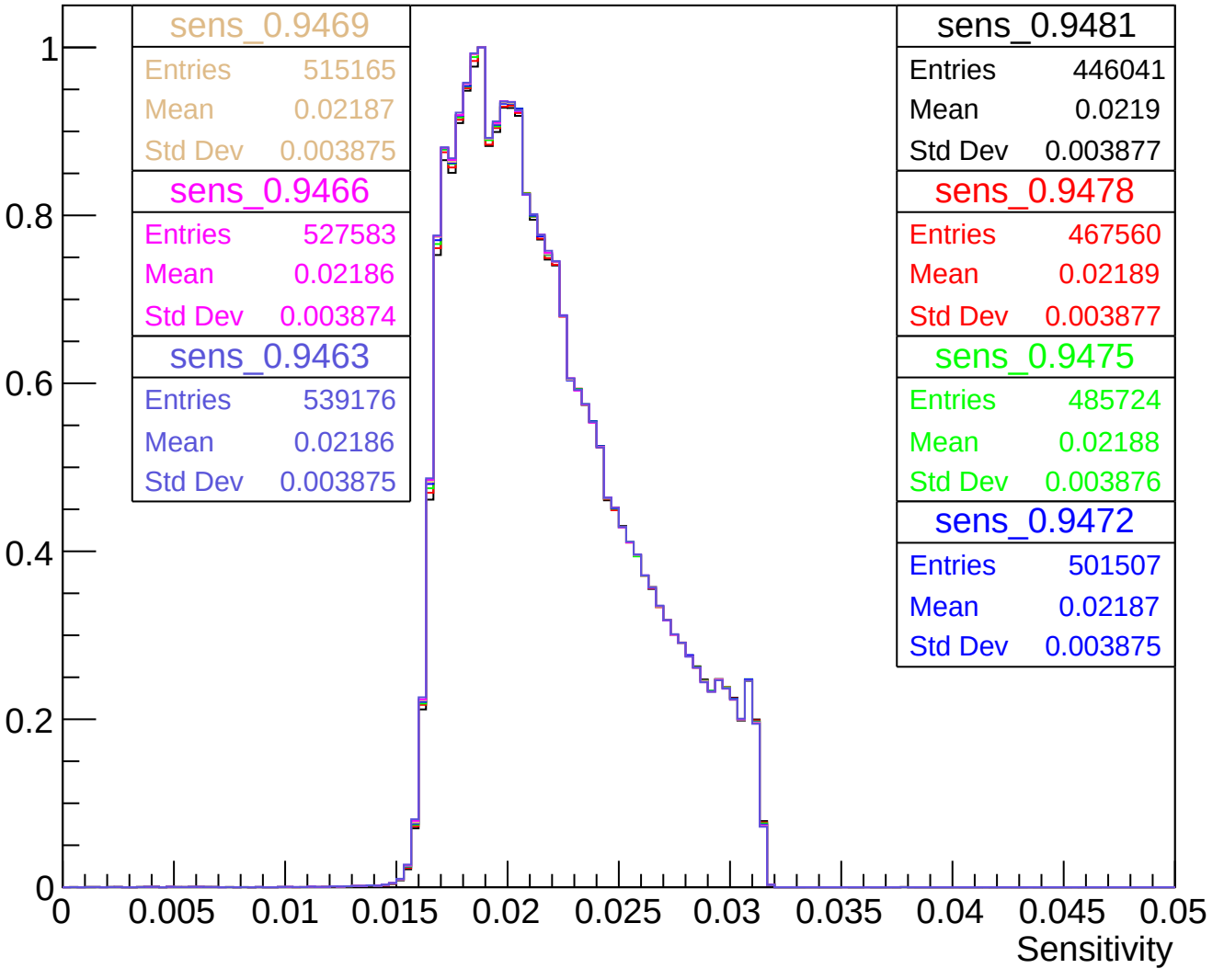

θlab (deg) with pCut (run1996)
Theta_0.9469
Entries 515165
Mean 4.73
Std Dev 0.4463
Theta_0.9466
Entries 527583
Mean 4.73
Std Dev 0.4463
Theta_0.9463
Entries 539176
Mean 4.73
Std Dev 0.4463
Theta_0.9481
Entries 446041
Mean 4.733
Std Dev 0.4465
Theta_0.9478
Entries 467560
Mean 4.731
Std Dev 0.4466
Theta_0.9475
Entries 485724
Mean 4.731
Std Dev 0.4464
Theta_0.9472
Entries 501507
Mean 4.73
Std Dev 0.4463
1
0.8
0.6
0.4
0.2
0
2
3
4
5
6
7
8
θlab (deg)

Asymmetry (ppm) with pCut (run1996)



Stretched Asym. (ppm) with pCut (run1996)




Q^2 (GeV/c)^2 with pCut (run1996)
Q2_0.9469f
Entries 515165
Mean 0.006195
Std Dev 0.001199
Q2_0.9466f
Entries 527583
Mean 0.006194
Std Dev 0.001198
Q2_0.9463f
Entries 539176
Mean 0.006193
Std Dev 0.001198
Q2_0.9481f
Entries 446041
Mean 0.006203
Std Dev 0.0012
Q2_0.9478f
Entries 467560
Mean 0.0062
Std Dev 0.0012
Q2_0.9475f
Entries 485724
Mean 0.006198
Std Dev 0.001199
Q2_0.9472f
Entries 501507
Mean 0.006196
Std Dev 0.001199
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 (run1996)