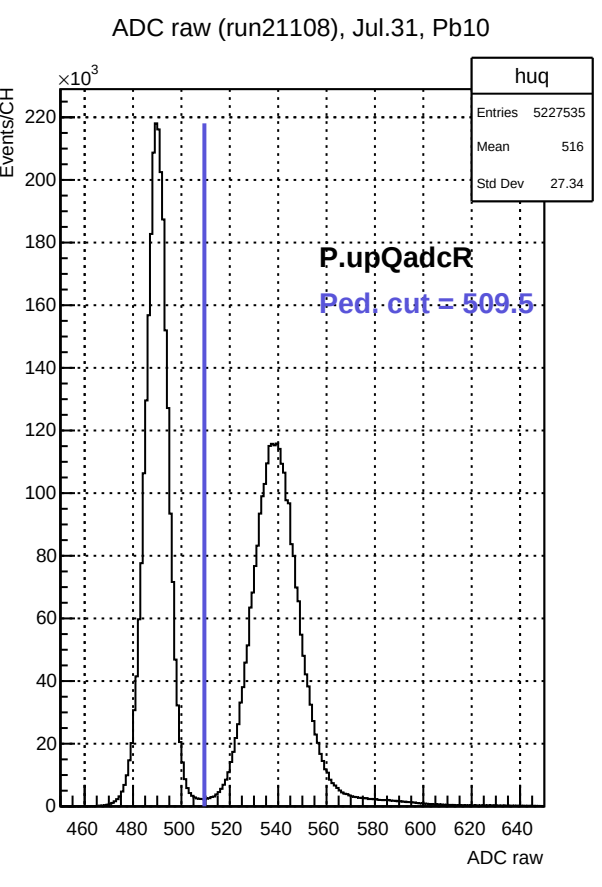
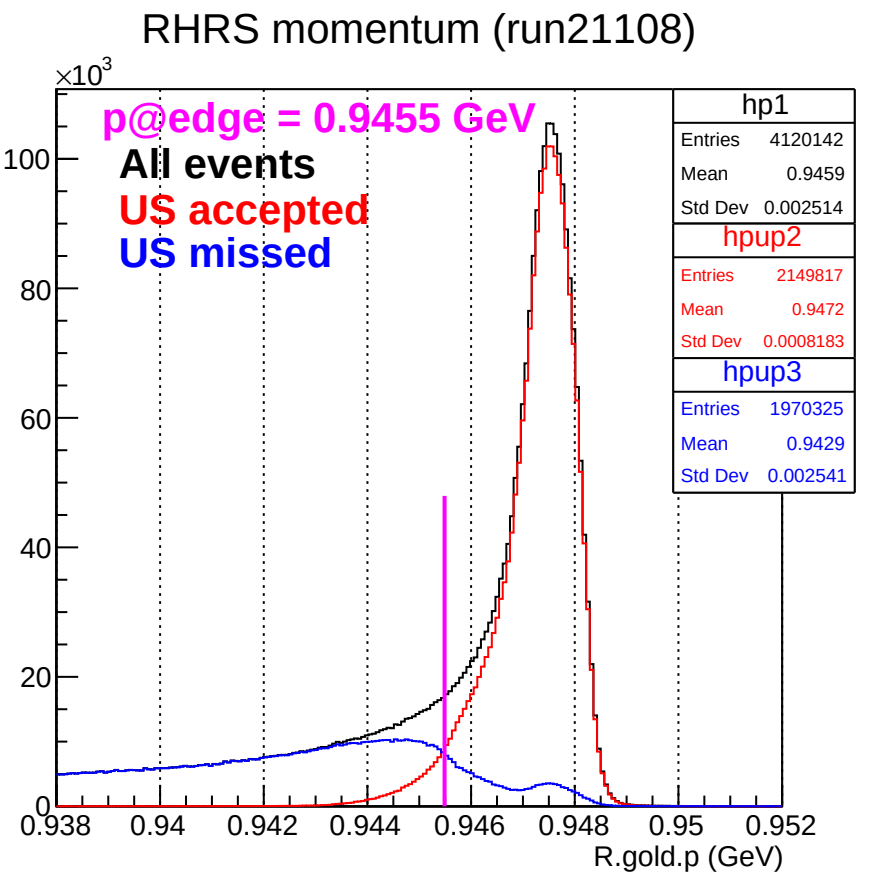
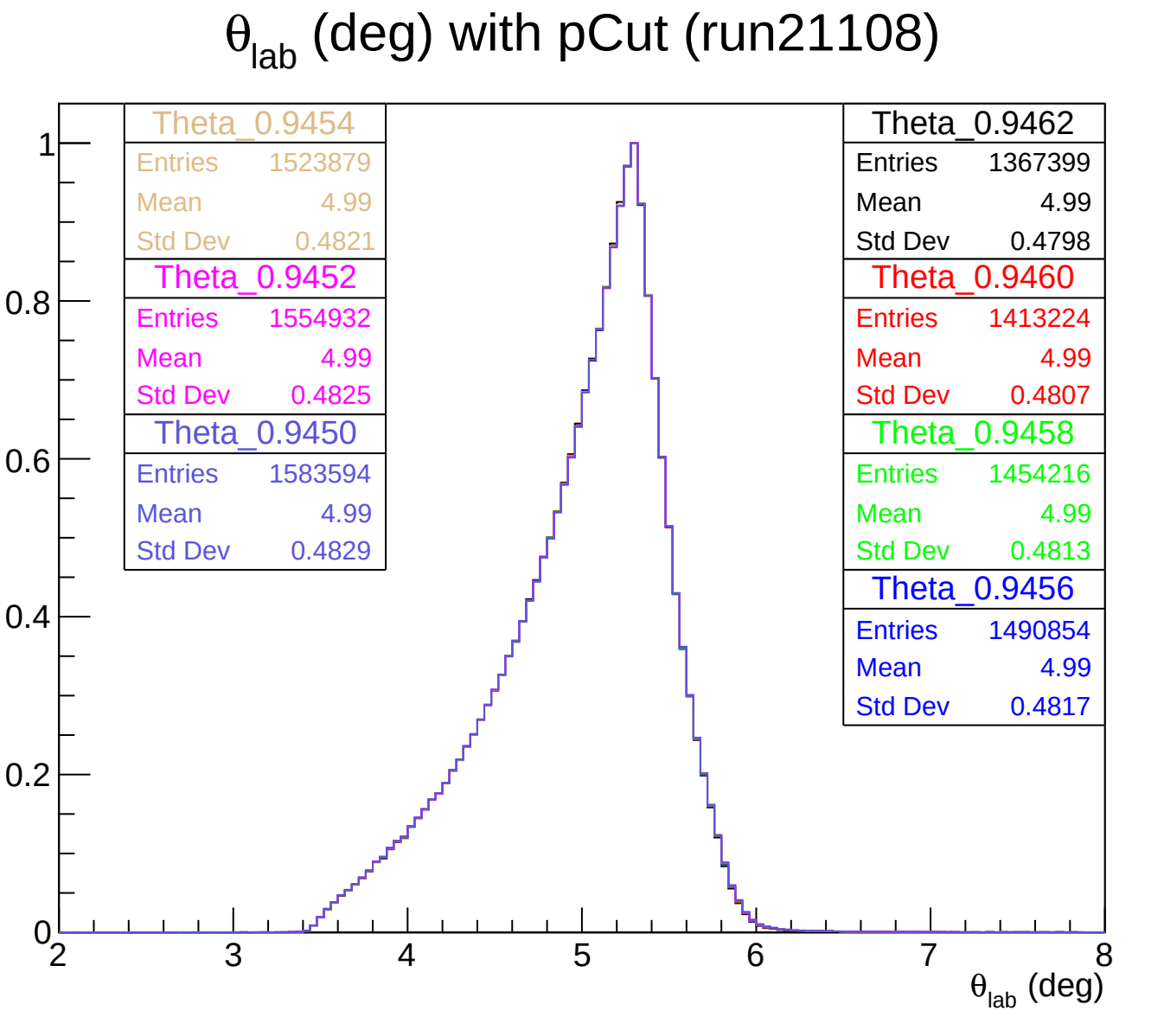
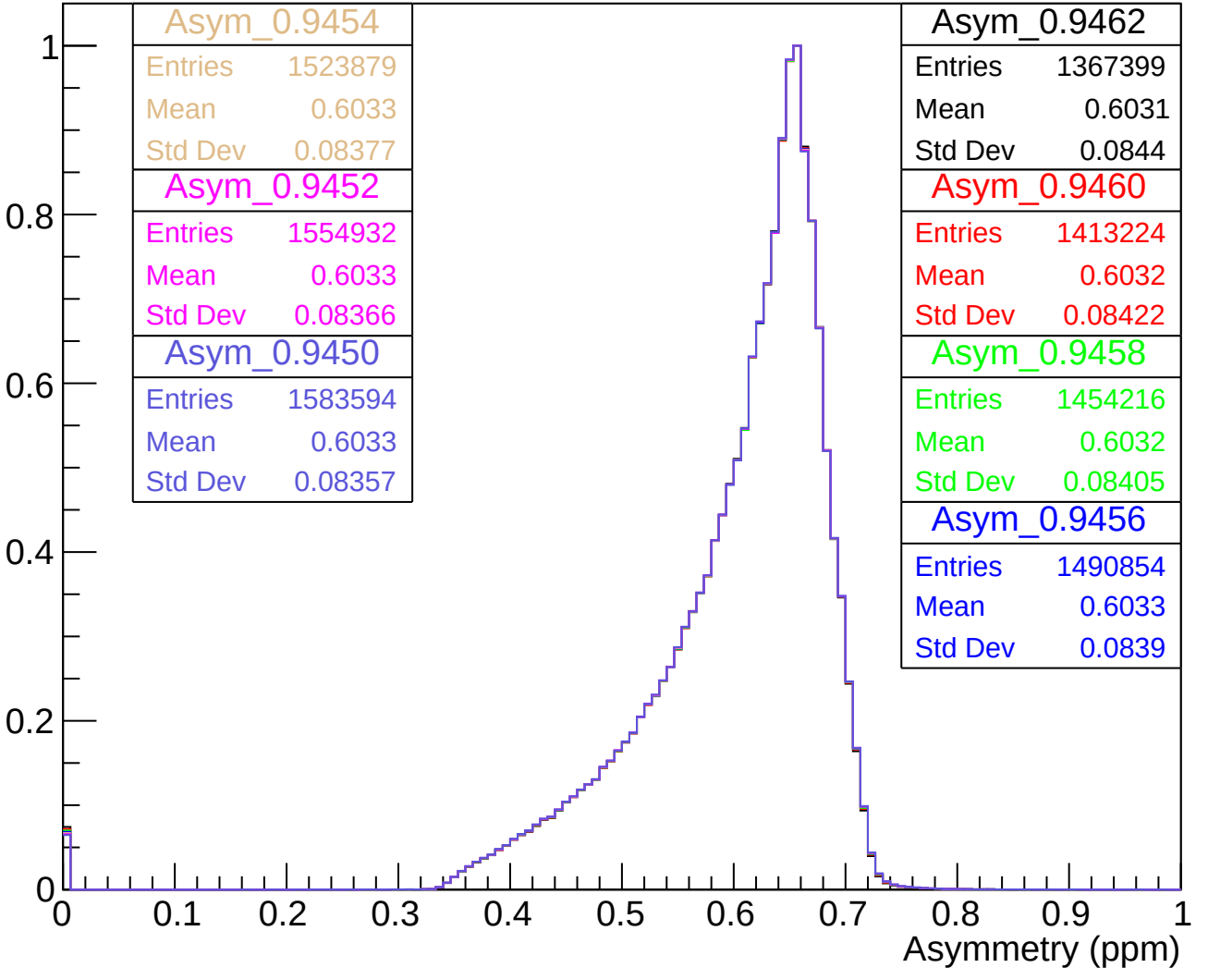

ADC raw (run21108), Jul.31, Pb10
huq
Entries 5227535
Mean 516
Std Dev 27.34
P.upQadcR
Ped. cut = 509.5
Events/CH
ADC raw

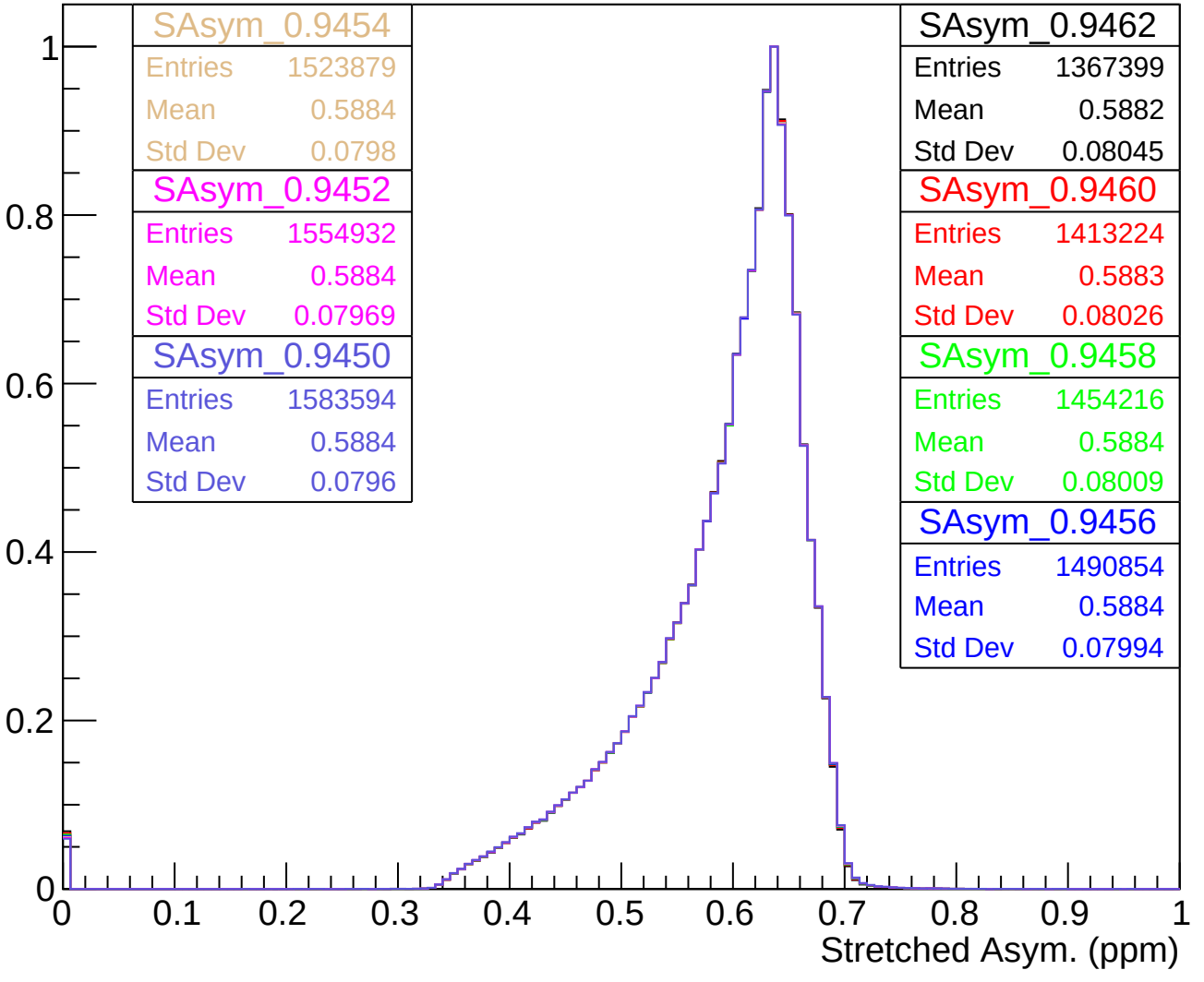

RHRS momentum (run21108)
p@edge = 0.9455 GeV
All events
US accepted
US missed
hp1
Entries 4120142
Mean 0.9459
Std Dev 0.002514
hpup2
Entries 2149817
Mean 0.9472
Std Dev 0.0008183
hpup3
Entries 1970325
Mean 0.9429
Std Dev 0.002541
R.gold.p (GeV)

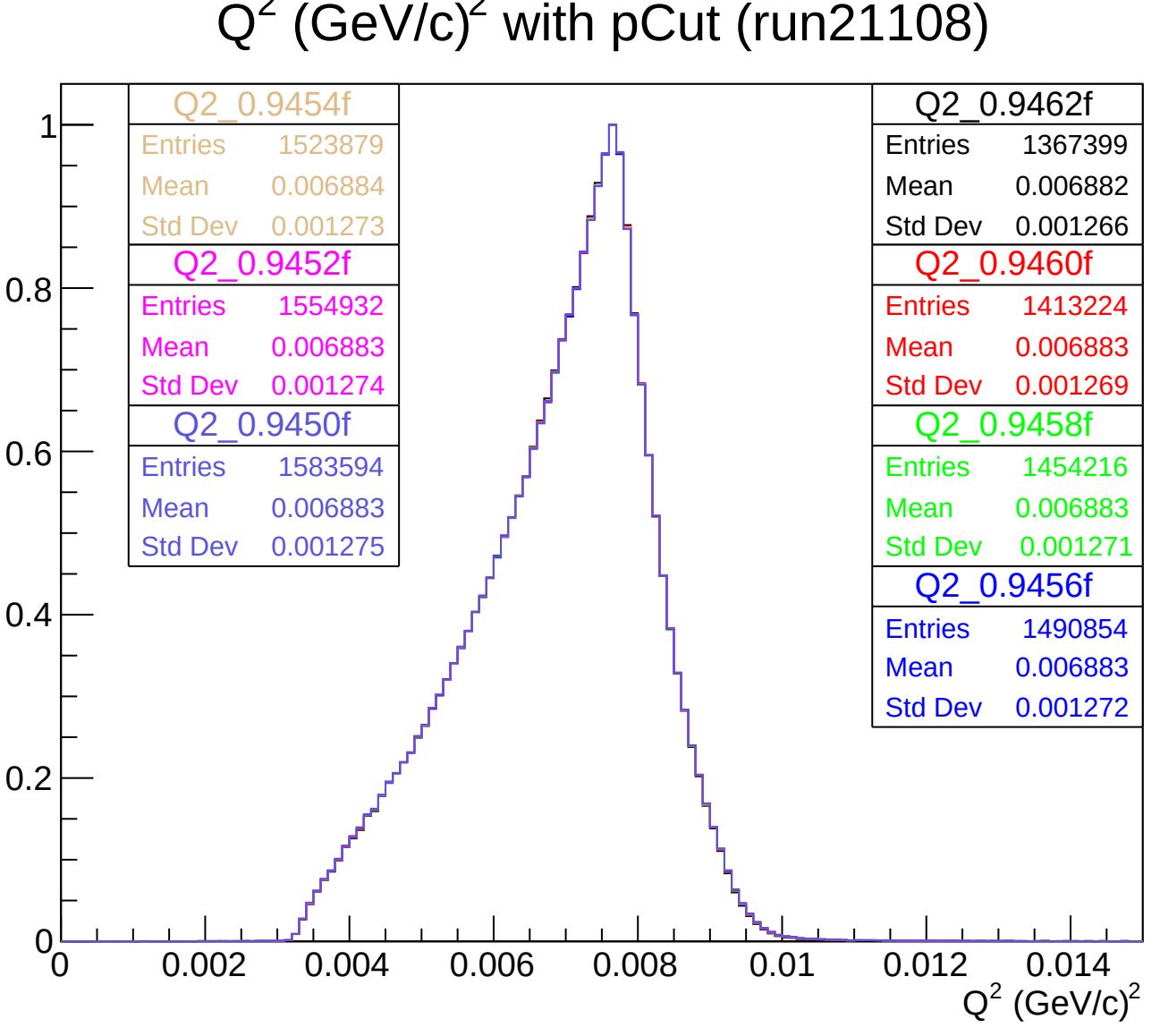
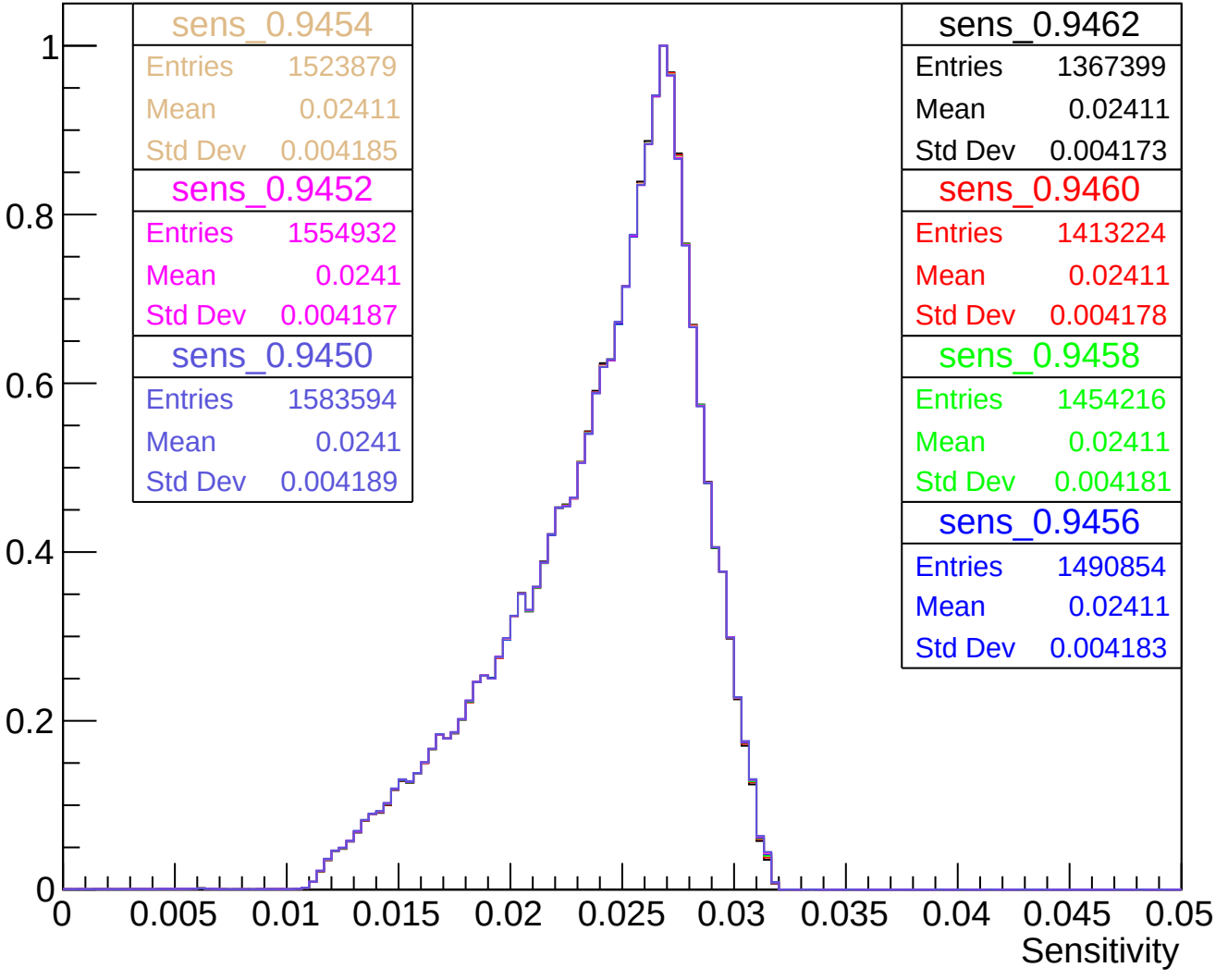

θlab (deg) with pCut (run21108)
Theta_0.9454
Entries 1523879
Mean 4.99
Std Dev 0.4821
Theta_0.9452
Entries 1554932
Mean 4.99
Std Dev 0.4825
Theta_0.9450
Entries 1583594
Mean 4.99
Std Dev 0.4829
Theta_0.9462
Entries 1367399
Mean 4.99
Std Dev 0.4798
Theta_0.9460
Entries 1413224
Mean 4.99
Std Dev 0.4807
Theta_0.9458
Entries 1454216
Mean 4.99
Std Dev 0.4813
Theta_0.9456
Entries 1490854
Mean 4.99
Std Dev 0.4817
1
0.8
0.6
0.4
0.2
0
2
3
4
5
6
7
8
θlab (deg)

Asymmetry (ppm) with pCut (run21108)



Stretched Asym. (ppm) with pCut (run21108)




Q^2 (GeV/c)^2 with pCut (run21108)
Q2_0.9454f
Entries 1523879
Mean 0.006884
Std Dev 0.001273
Q2_0.9452f
Entries 1554932
Mean 0.006883
Std Dev 0.001274
Q2_0.9450f
Entries 1583594
Mean 0.006883
Std Dev 0.001275
Q2_0.9462f
Entries 1367399
Mean 0.006882
Std Dev 0.001266
Q2_0.9460f
Entries 1413224
Mean 0.006883
Std Dev 0.001269
Q2_0.9458f
Entries 1454216
Mean 0.006883
Std Dev 0.001271
Q2_0.9456f
Entries 1490854
Mean 0.006883
Std Dev 0.001272
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 (run21108)