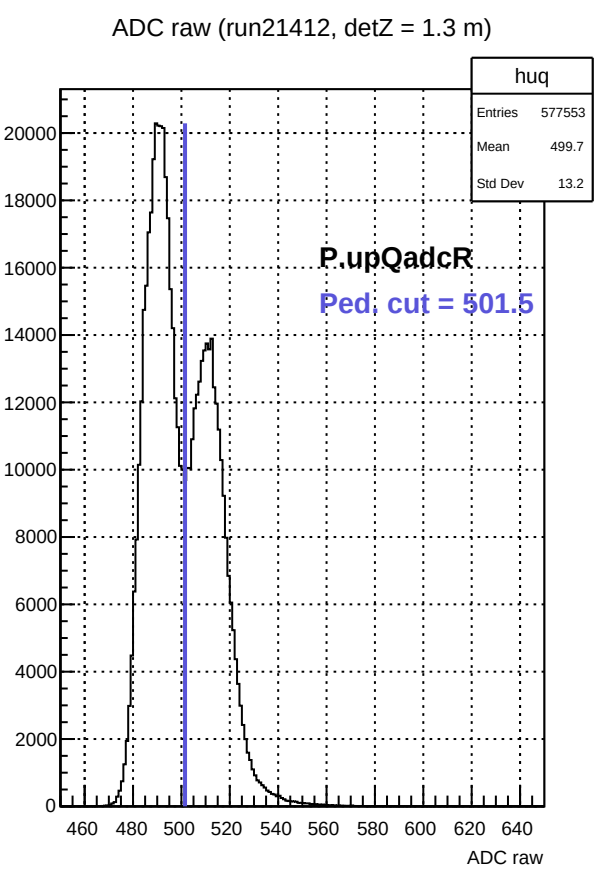
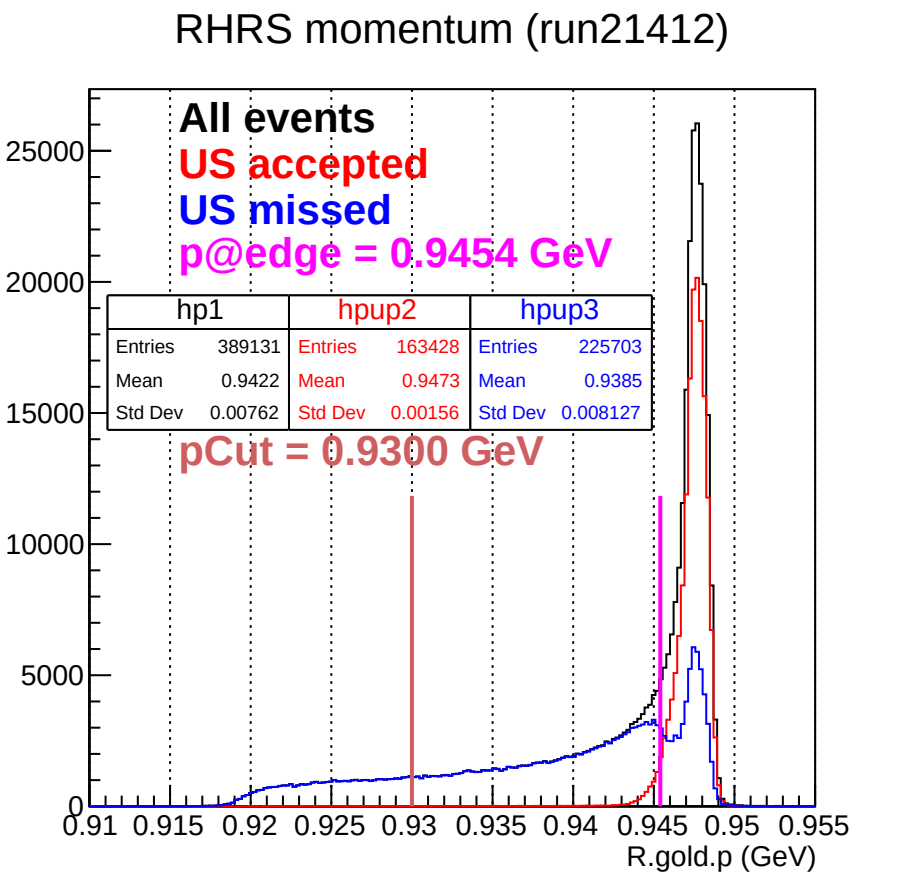
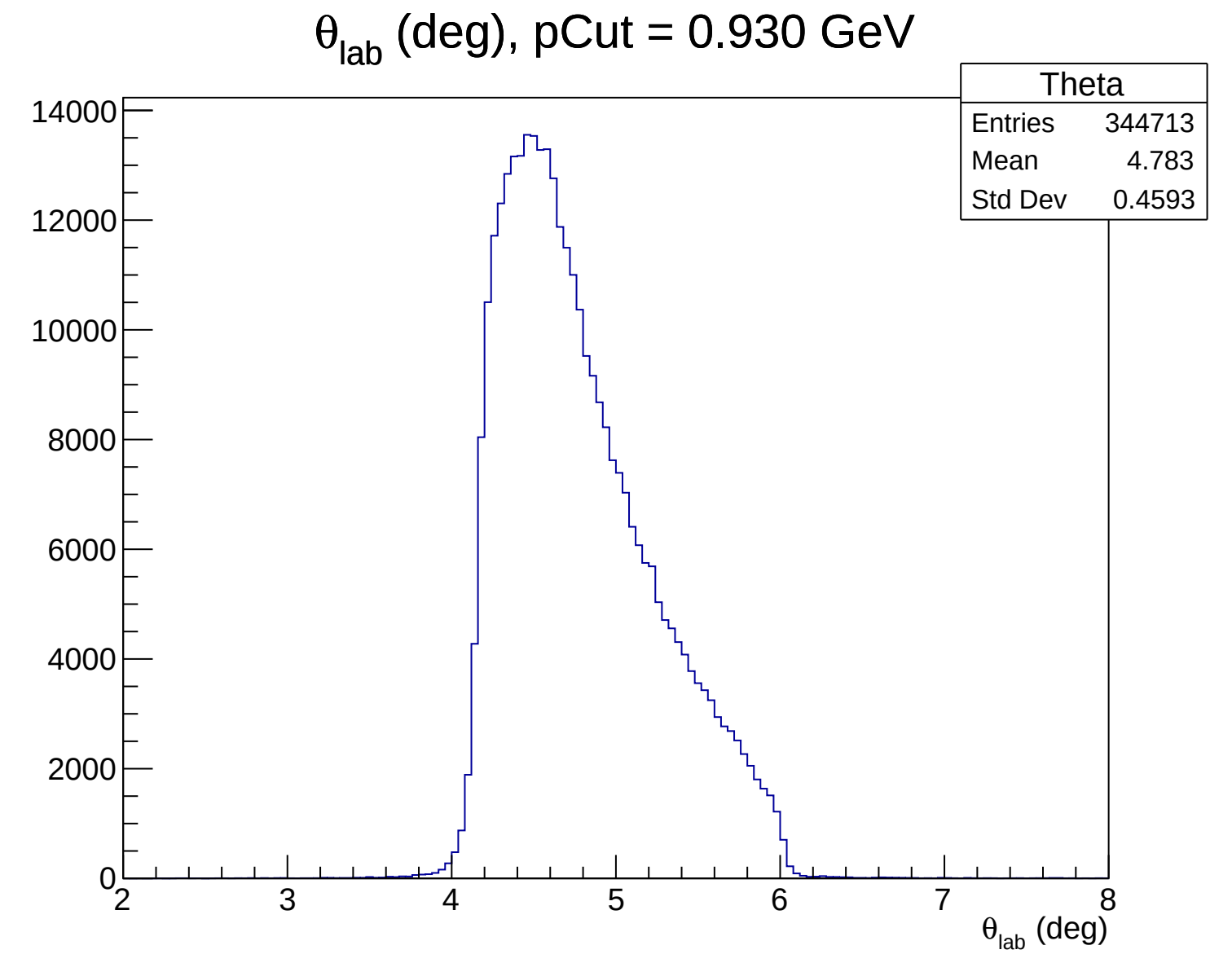
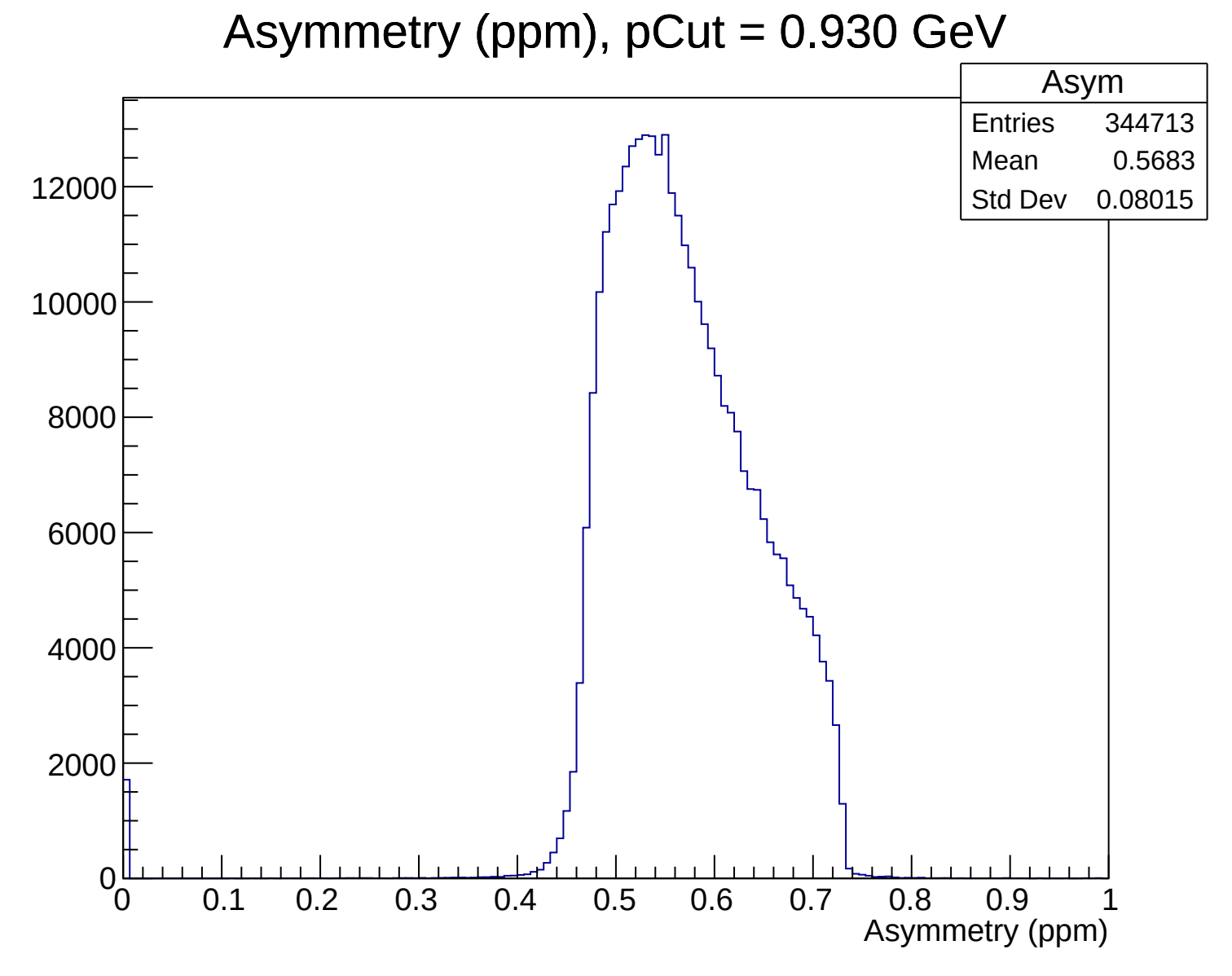
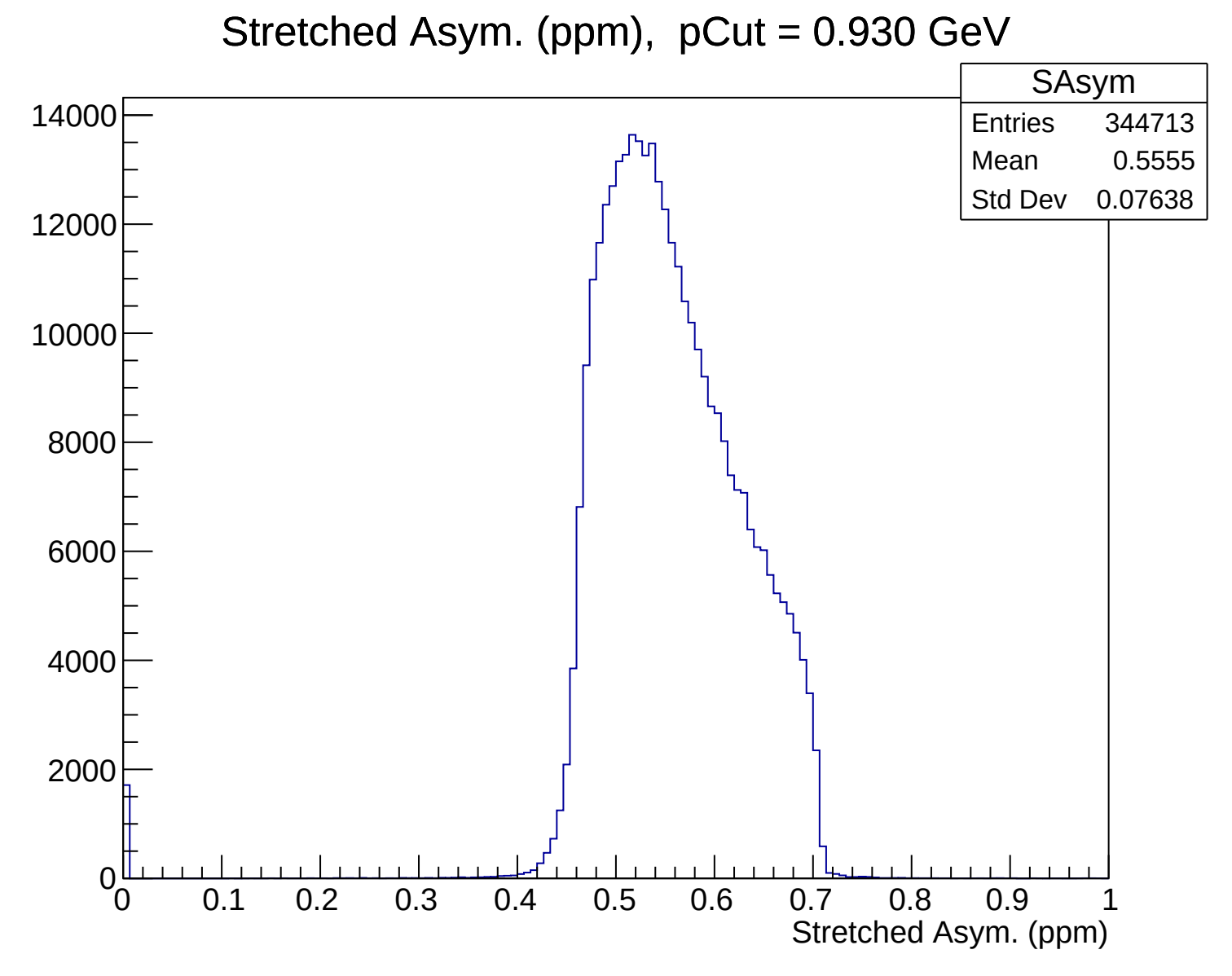
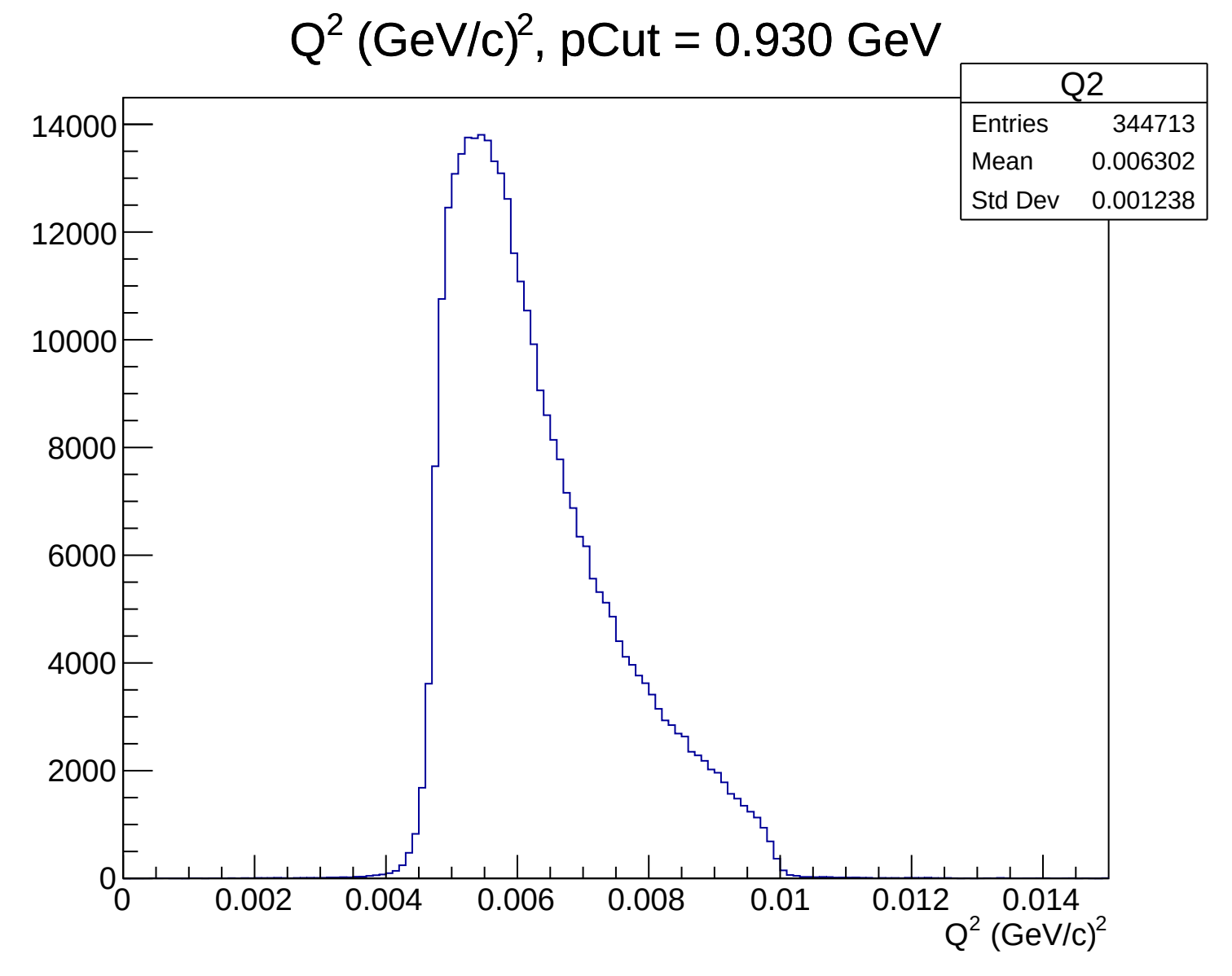

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

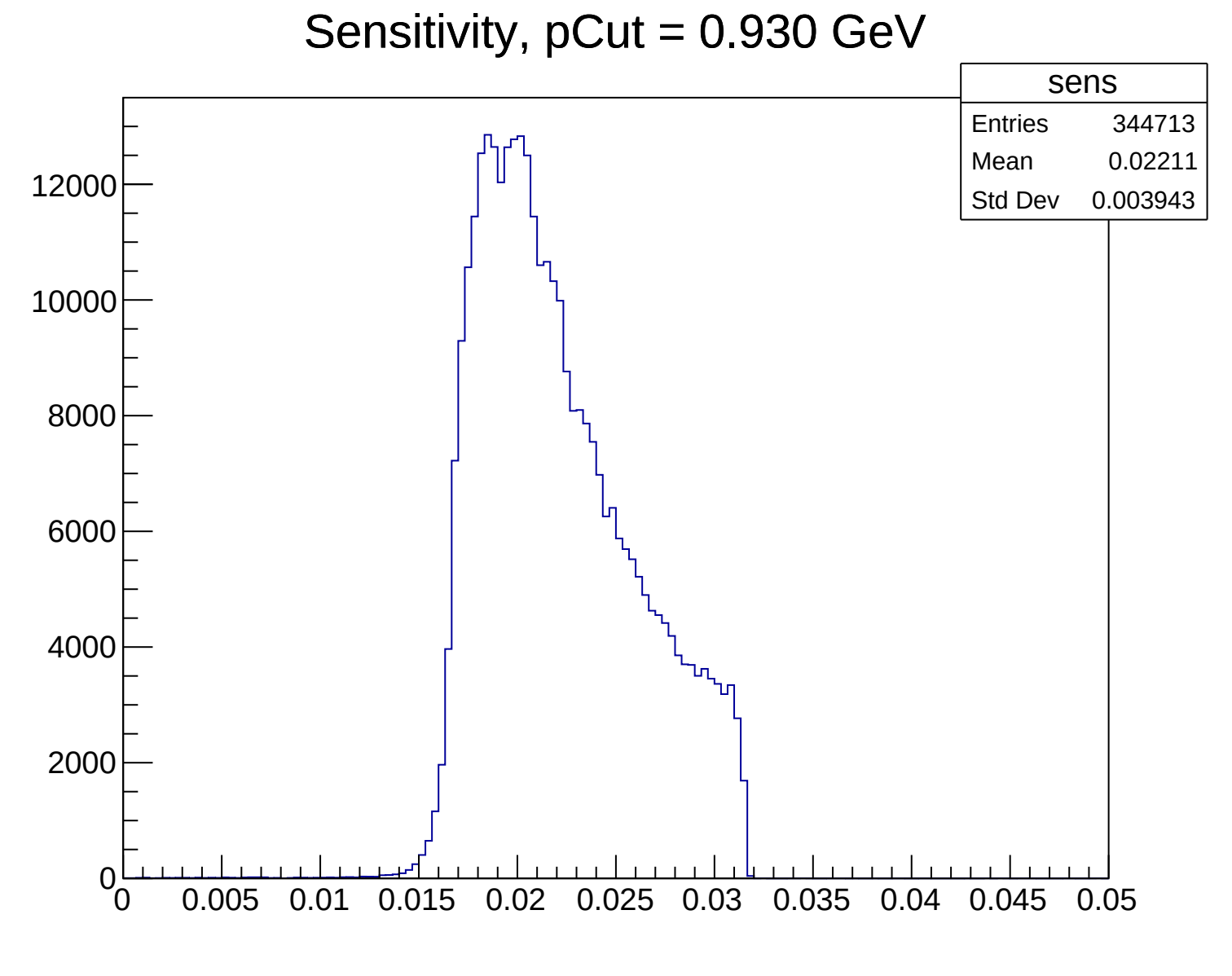

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9300 GeV
R.gold.p (GeV)

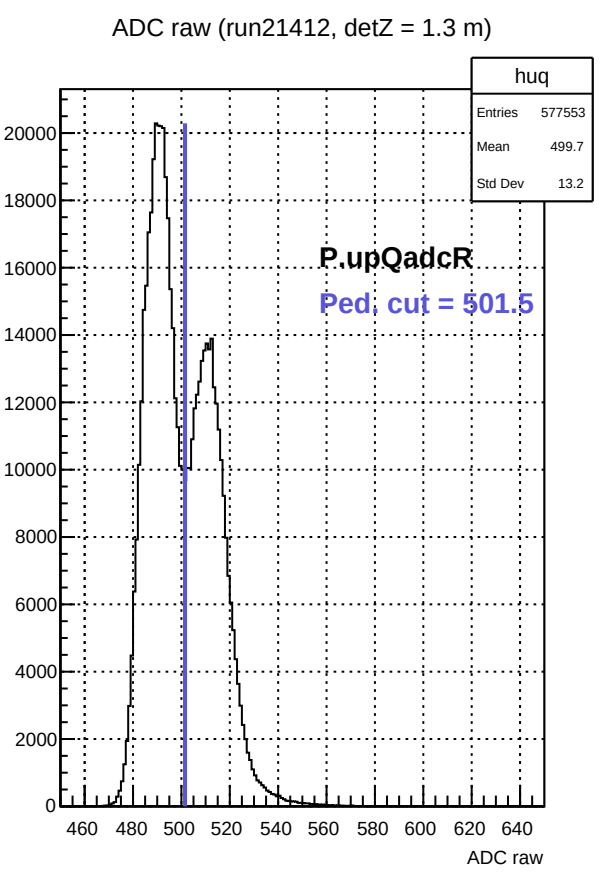

θlab (deg), pCut = 0.930 GeV
Theta
Entries 344713
Mean 4.783
Std Dev 0.4593
14000
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

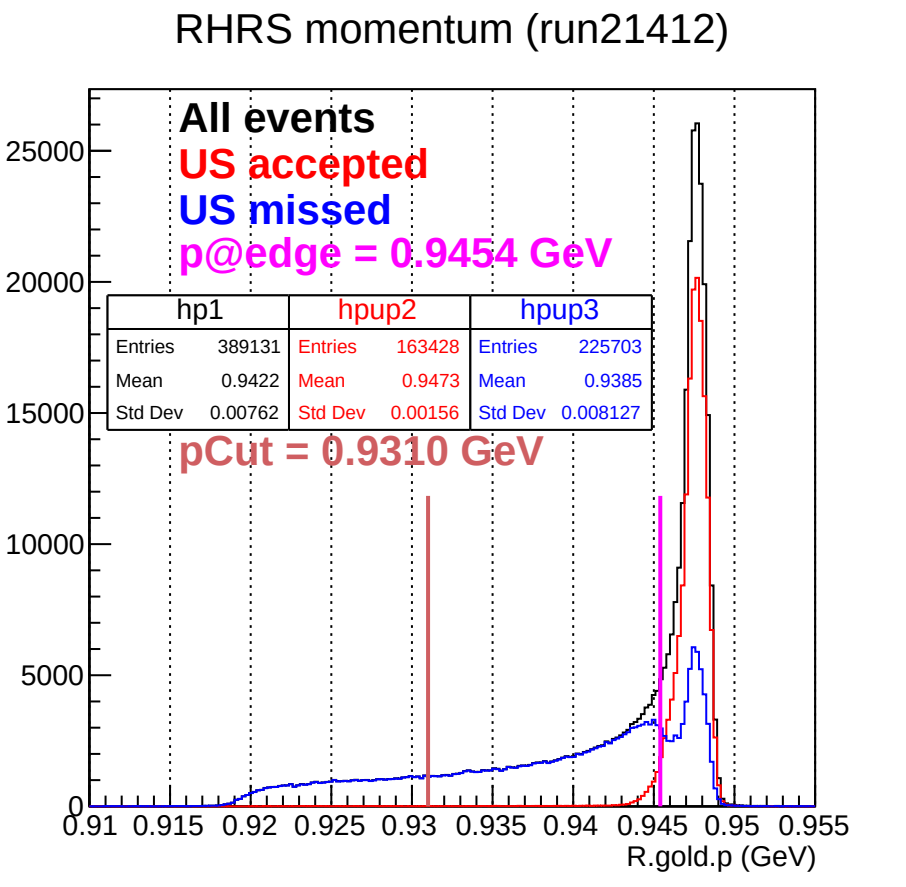

Asymmetry (ppm), pCut = 0.930 GeV
Asym
Entries 344713
Mean 0.5683
Std Dev 0.08015
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

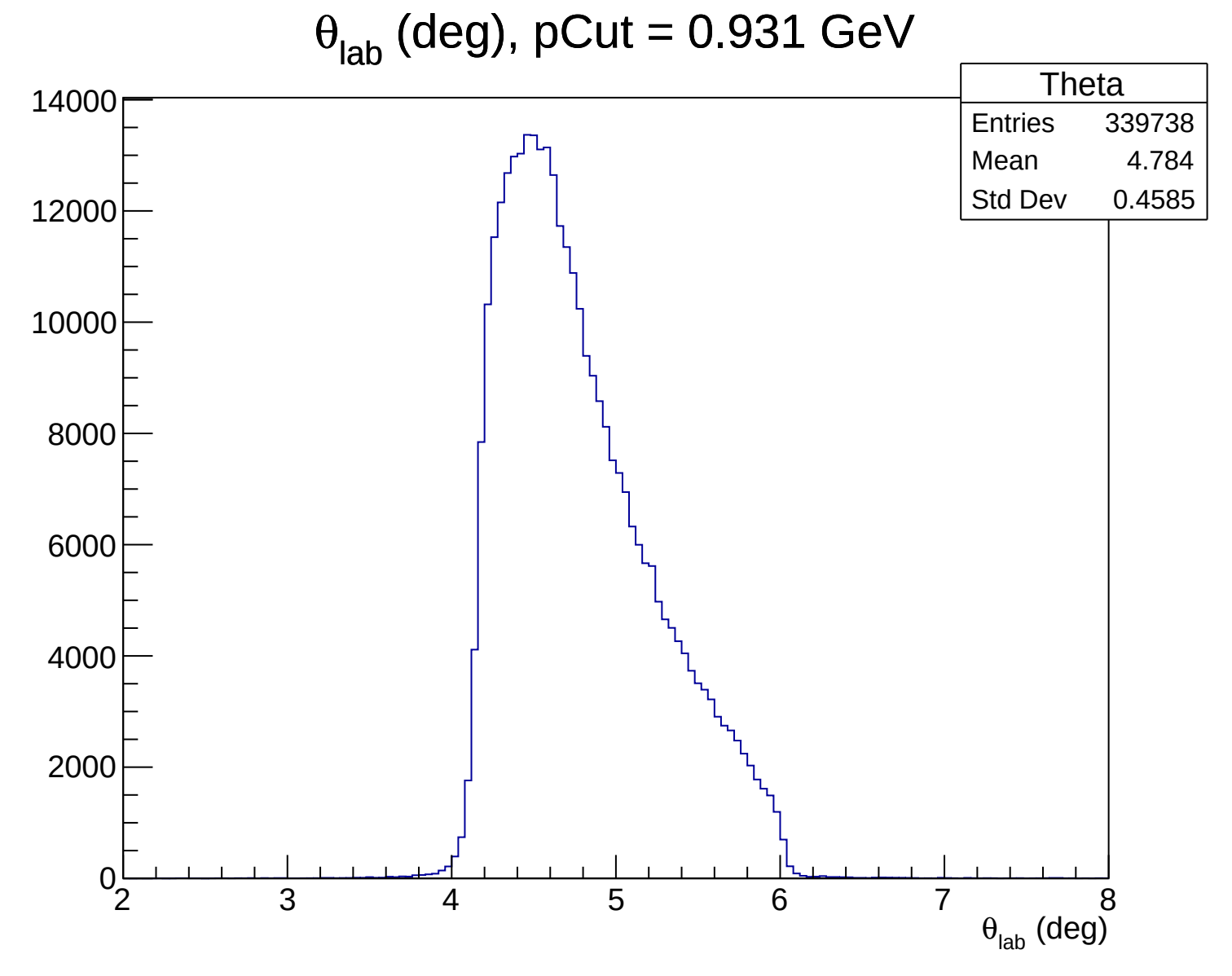

Stretched Asym. (ppm), pCut = 0.930 GeV
SAsym
Entries 344713
Mean 0.5555
Std Dev 0.07638
14000
12000
10000
8000
6000
4000
2000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

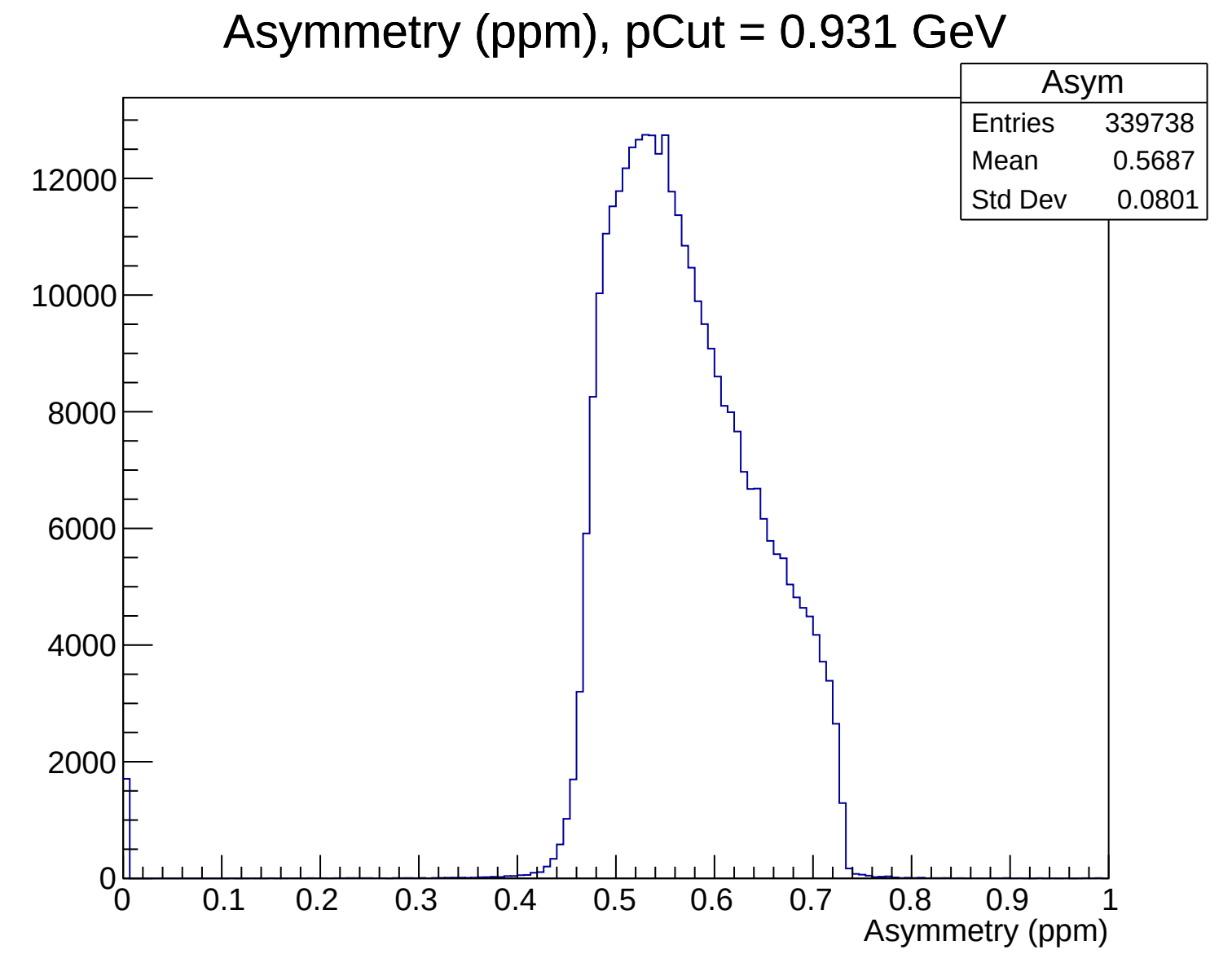

Q^2 (GeV/c)^2, pCut = 0.930 GeV
Q2
Entries 344713
Mean 0.006302
Std Dev 0.001238
14000
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

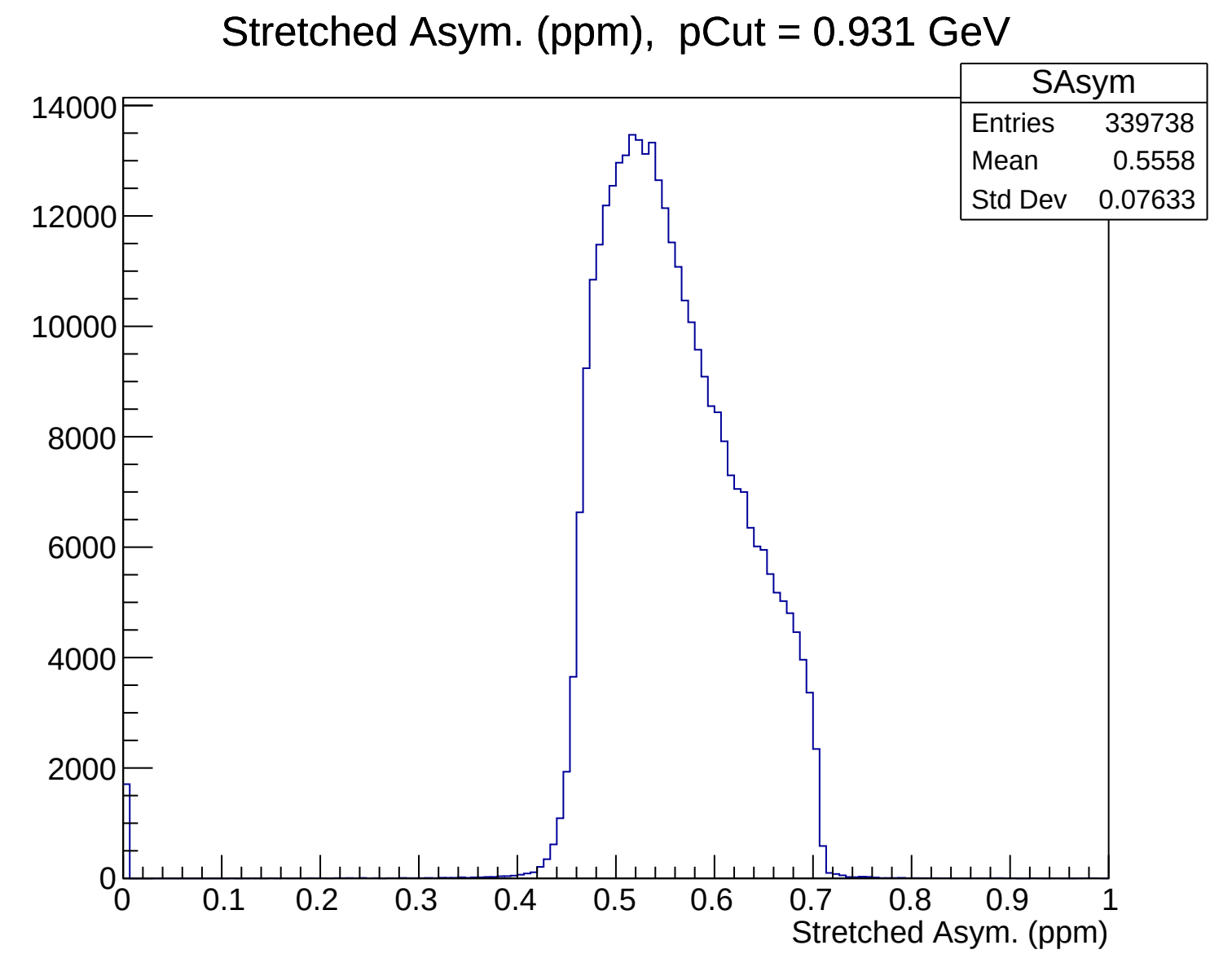

Sensitivity, pCut = 0.930 GeV
sens
Entries 344713
Mean 0.02211
Std Dev 0.003943
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

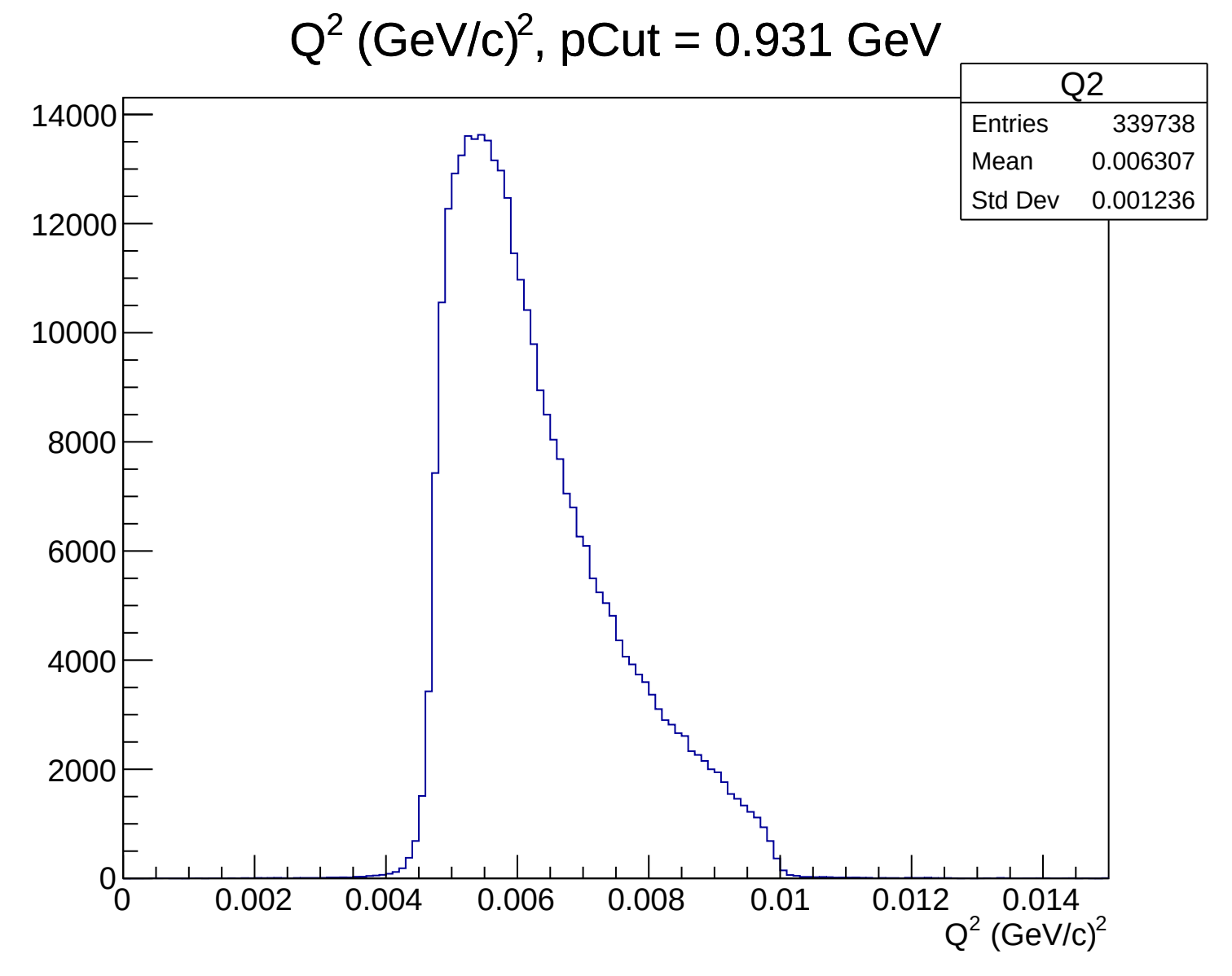

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

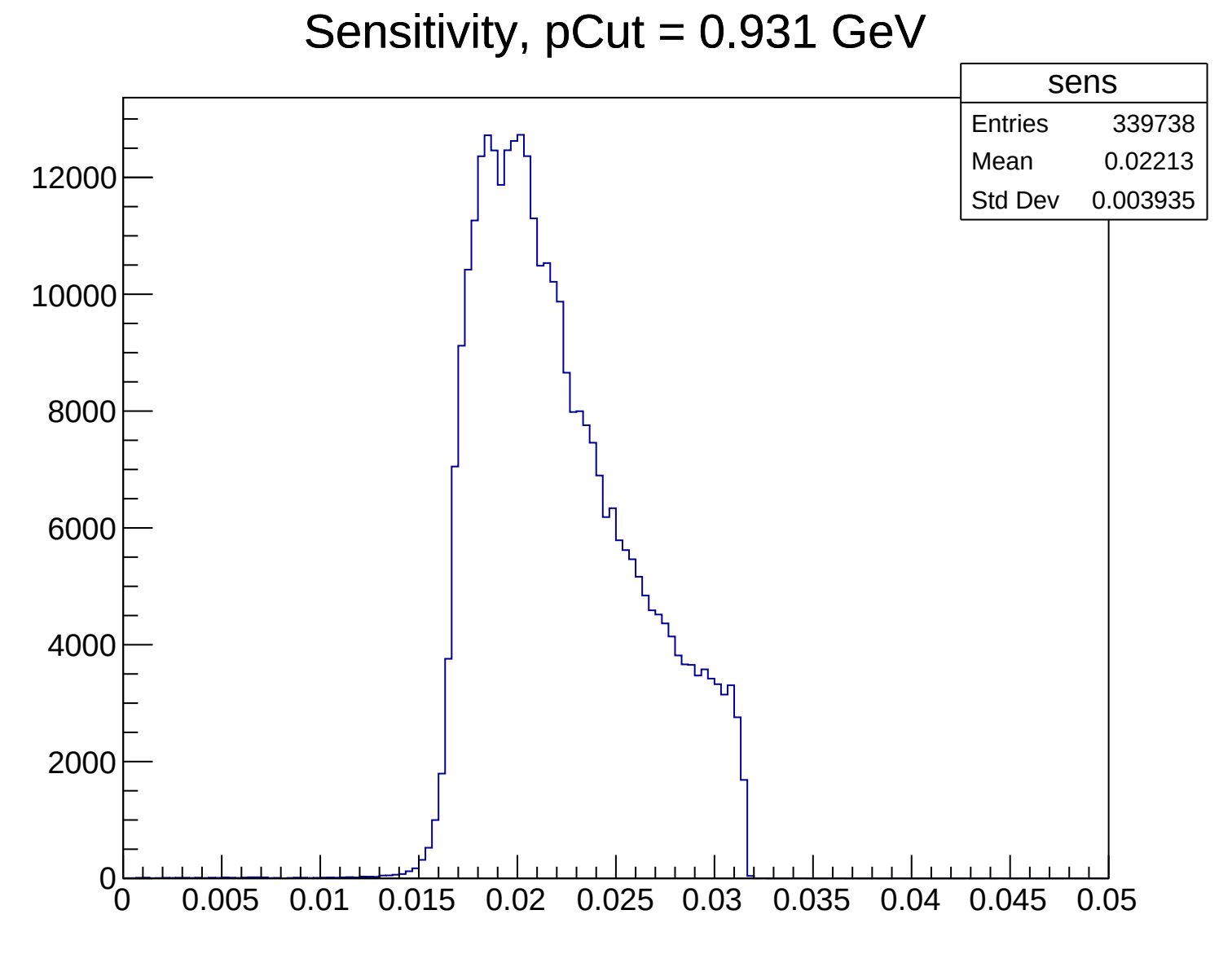

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9310 GeV
R.gold.p (GeV)

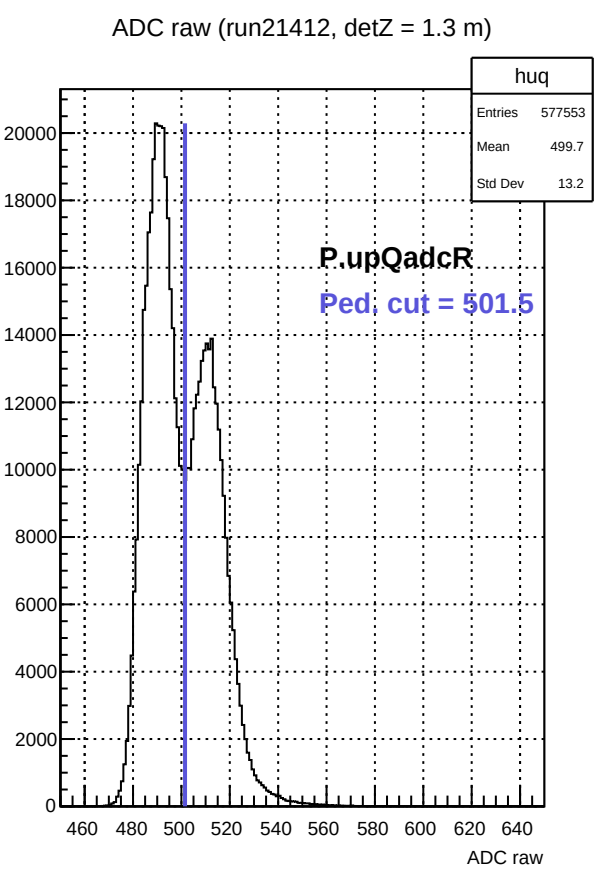

θlab (deg), pCut = 0.931 GeV
Theta
Entries 339738
Mean 4.784
Std Dev 0.4585
14000
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

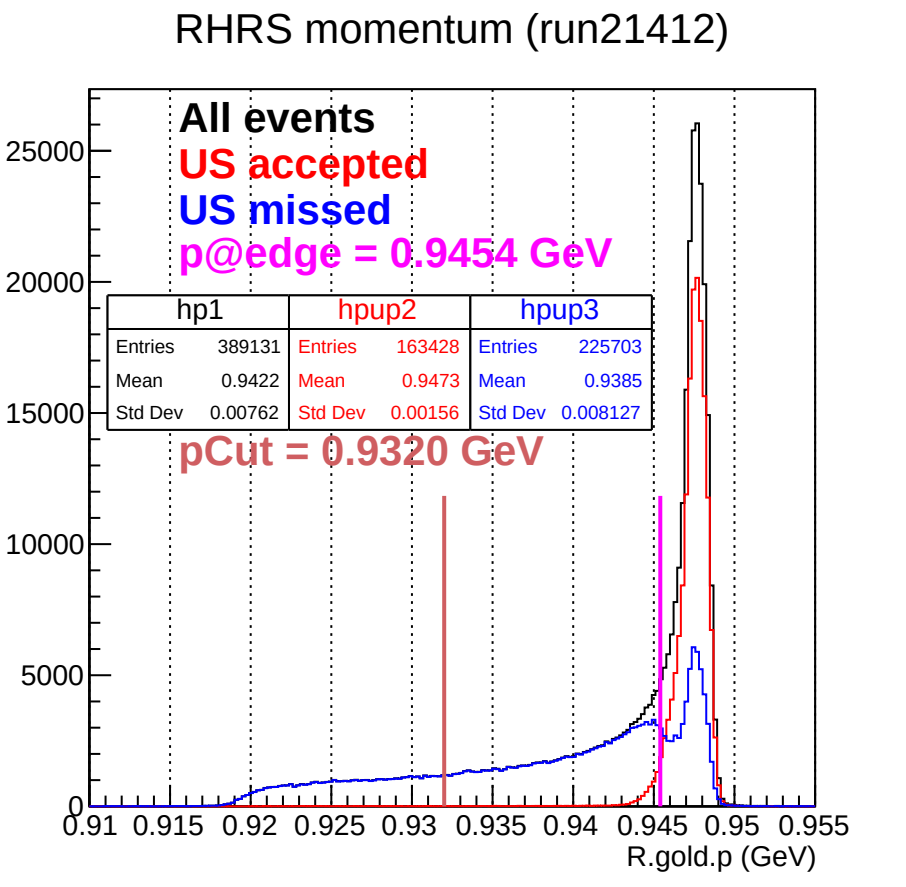

Asymmetry (ppm), pCut = 0.931 GeV
Asym
Entries 339738
Mean 0.5687
Std Dev 0.0801
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

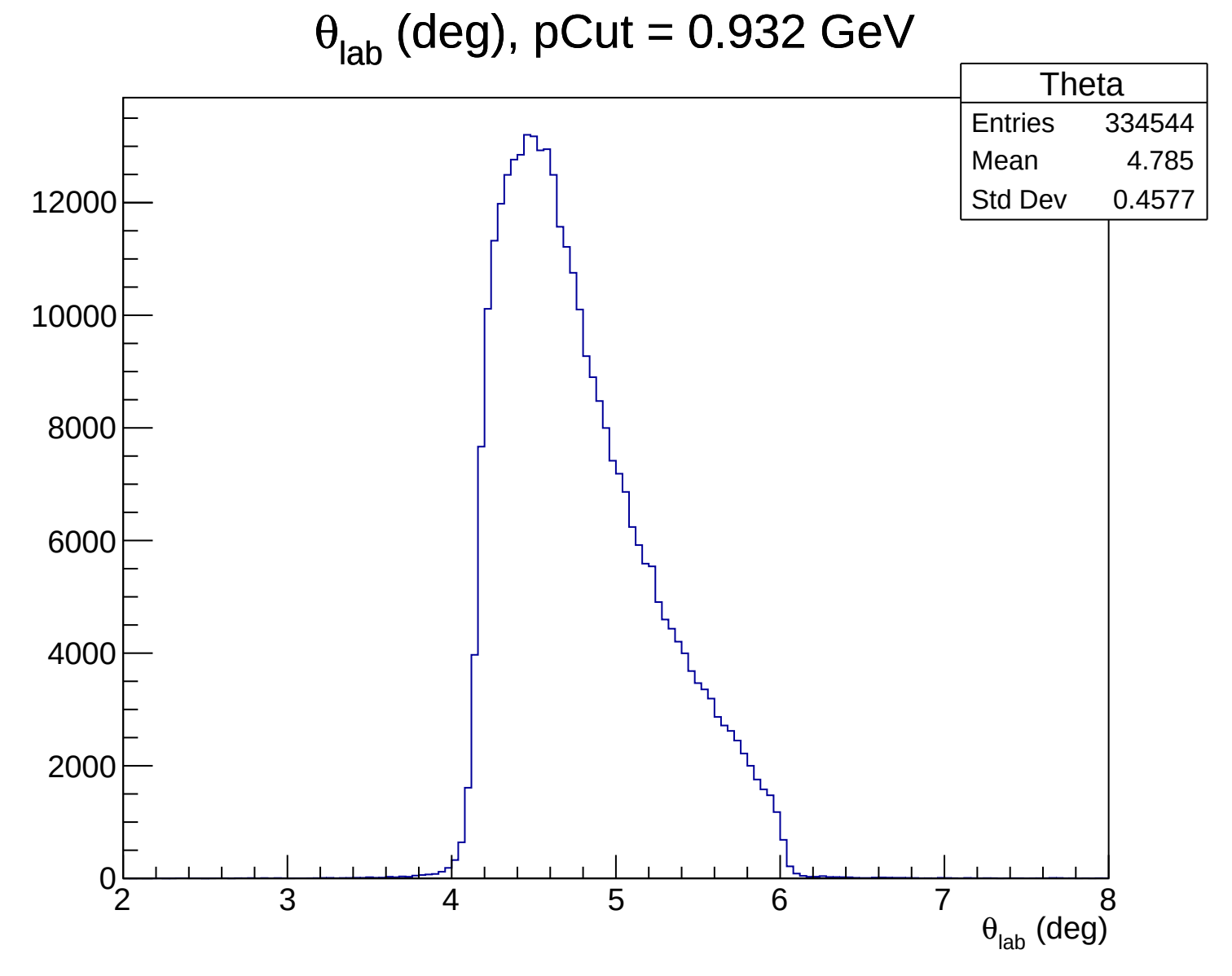

Stretched Asym. (ppm), pCut = 0.931 GeV
SAsym
Entries 339738
Mean 0.5558
Std Dev 0.07633
14000
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

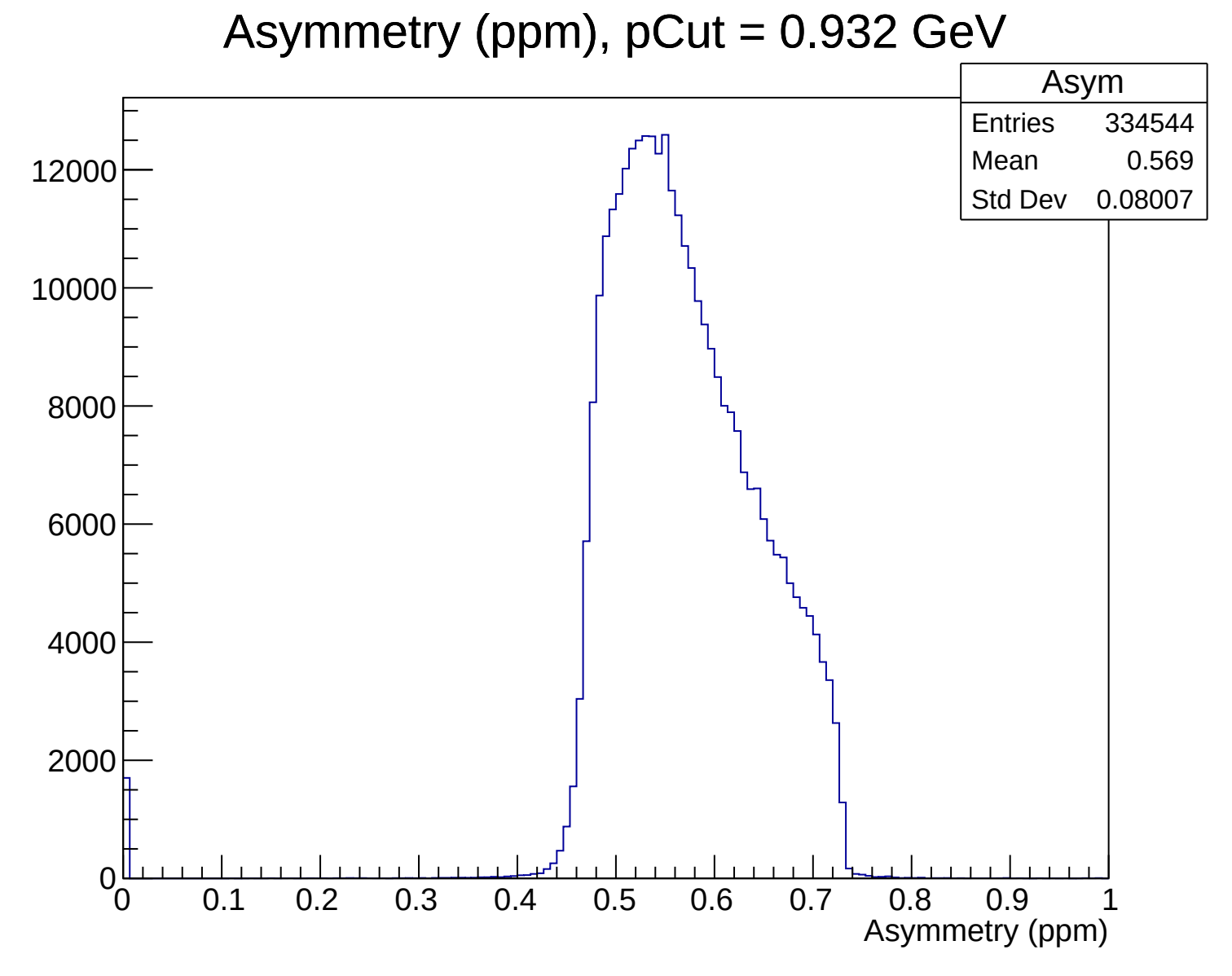

Q^2 (GeV/c)^2, pCut = 0.931 GeV
Q2
Entries 339738
Mean 0.006307
Std Dev 0.001236
14000
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

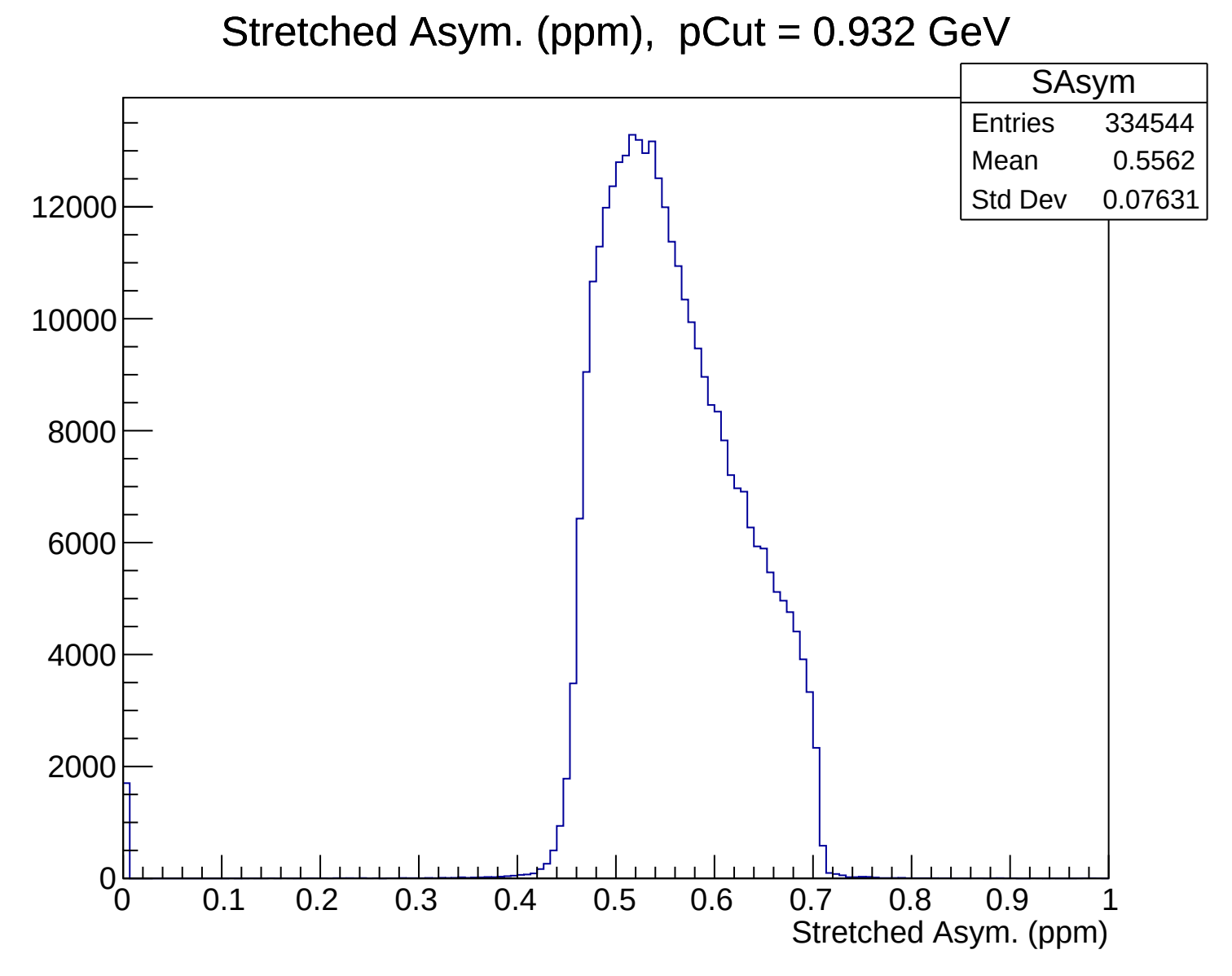

Sensitivity, pCut = 0.931 GeV
sens
Entries 339738
Mean 0.02213
Std Dev 0.003935
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

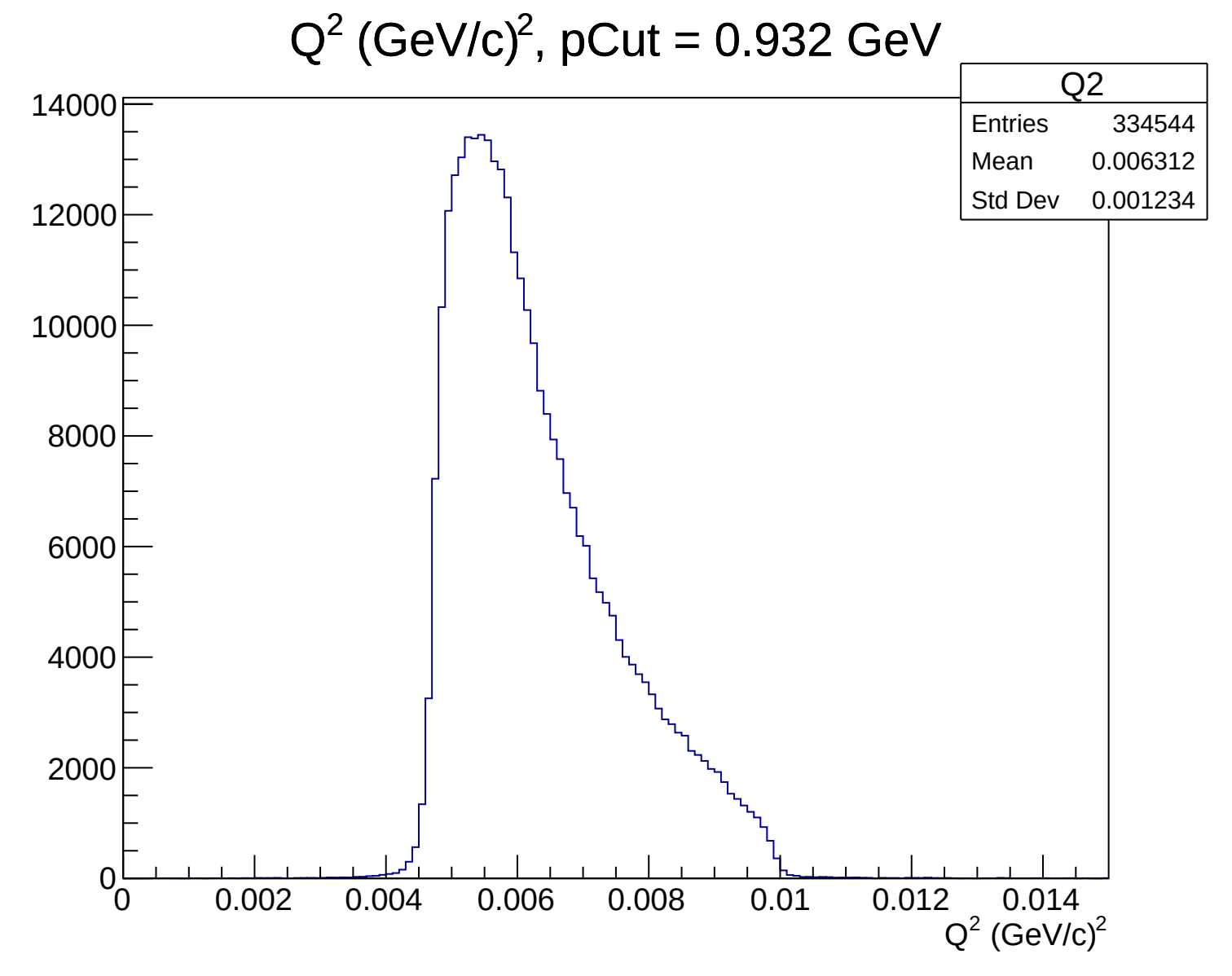

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

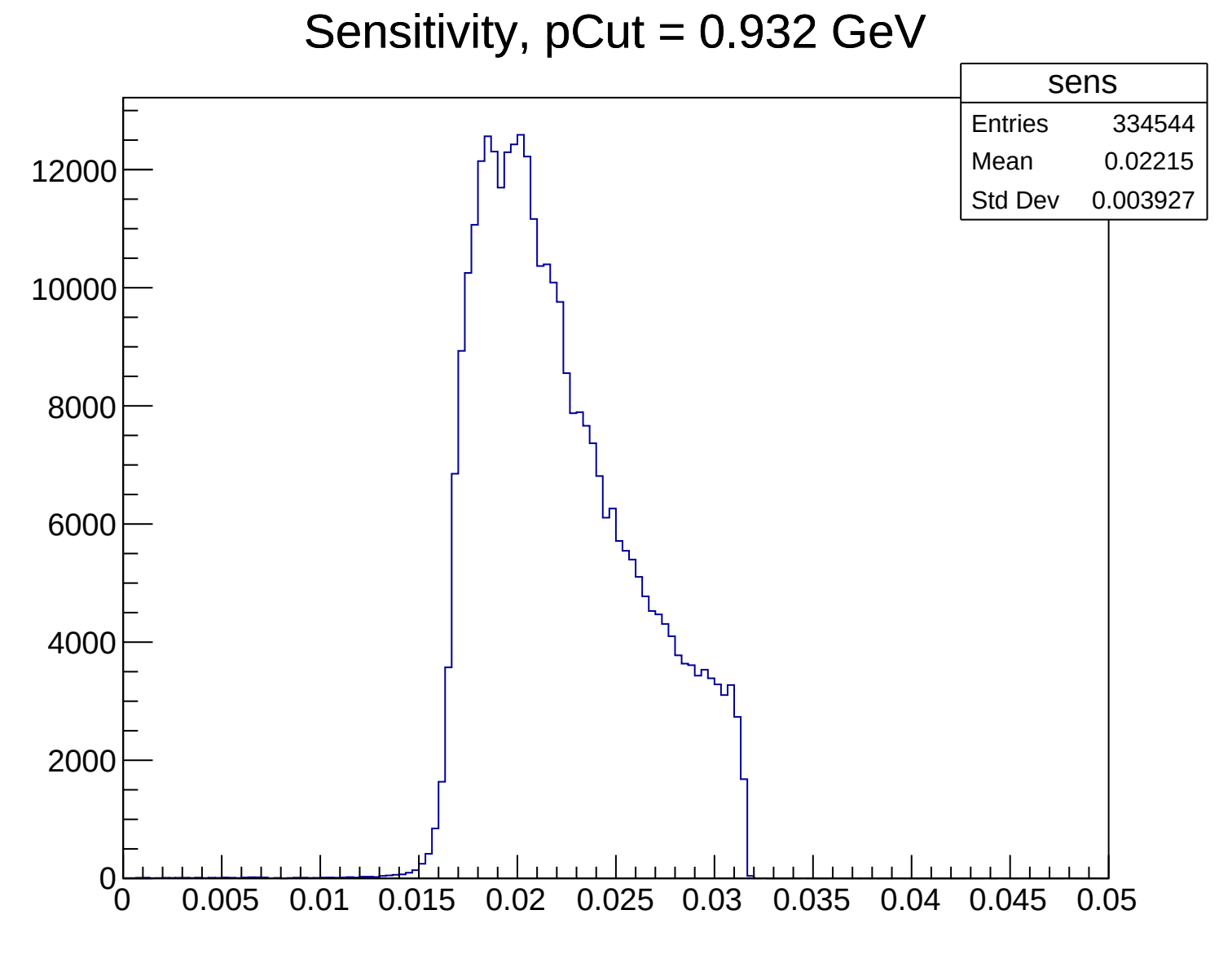

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9320 GeV
R.gold.p (GeV)

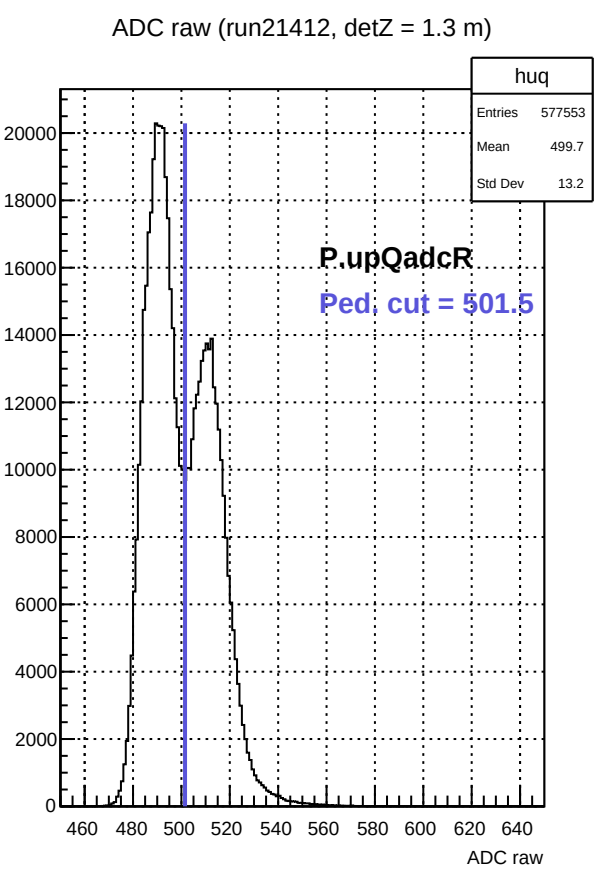

θlab (deg), pCut = 0.932 GeV
Theta
Entries 334544
Mean 4.785
Std Dev 0.4577
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

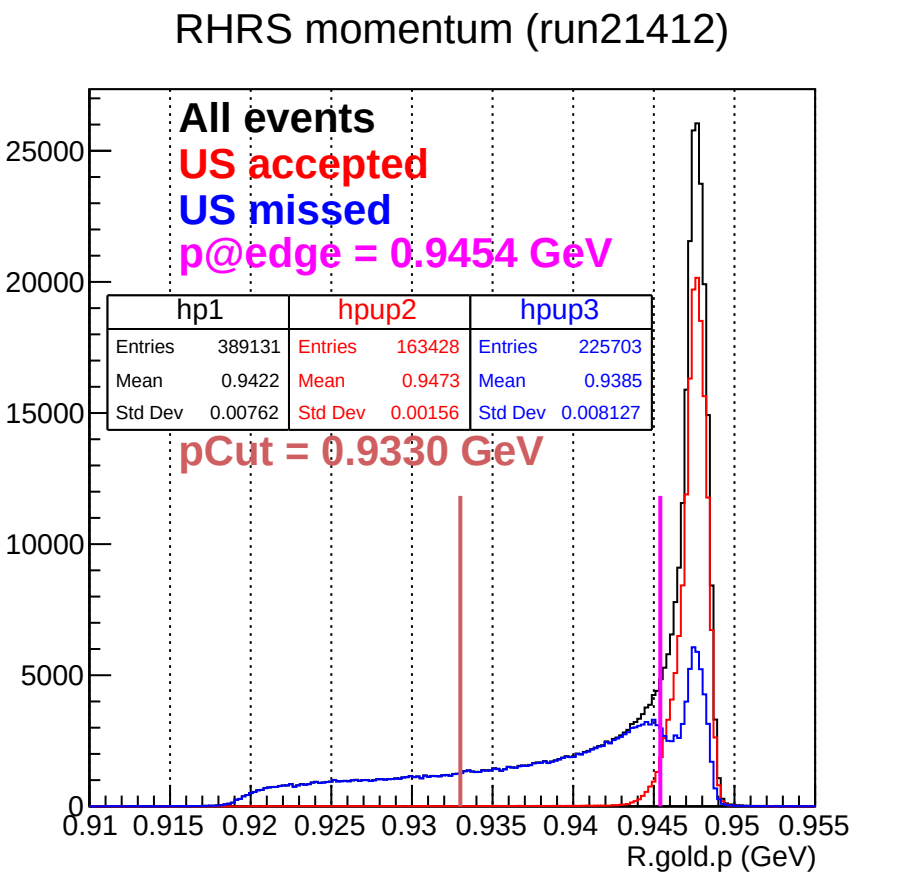

Asymmetry (ppm), pCut = 0.932 GeV
Asym
Entries 334544
Mean 0.569
Std Dev 0.08007
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

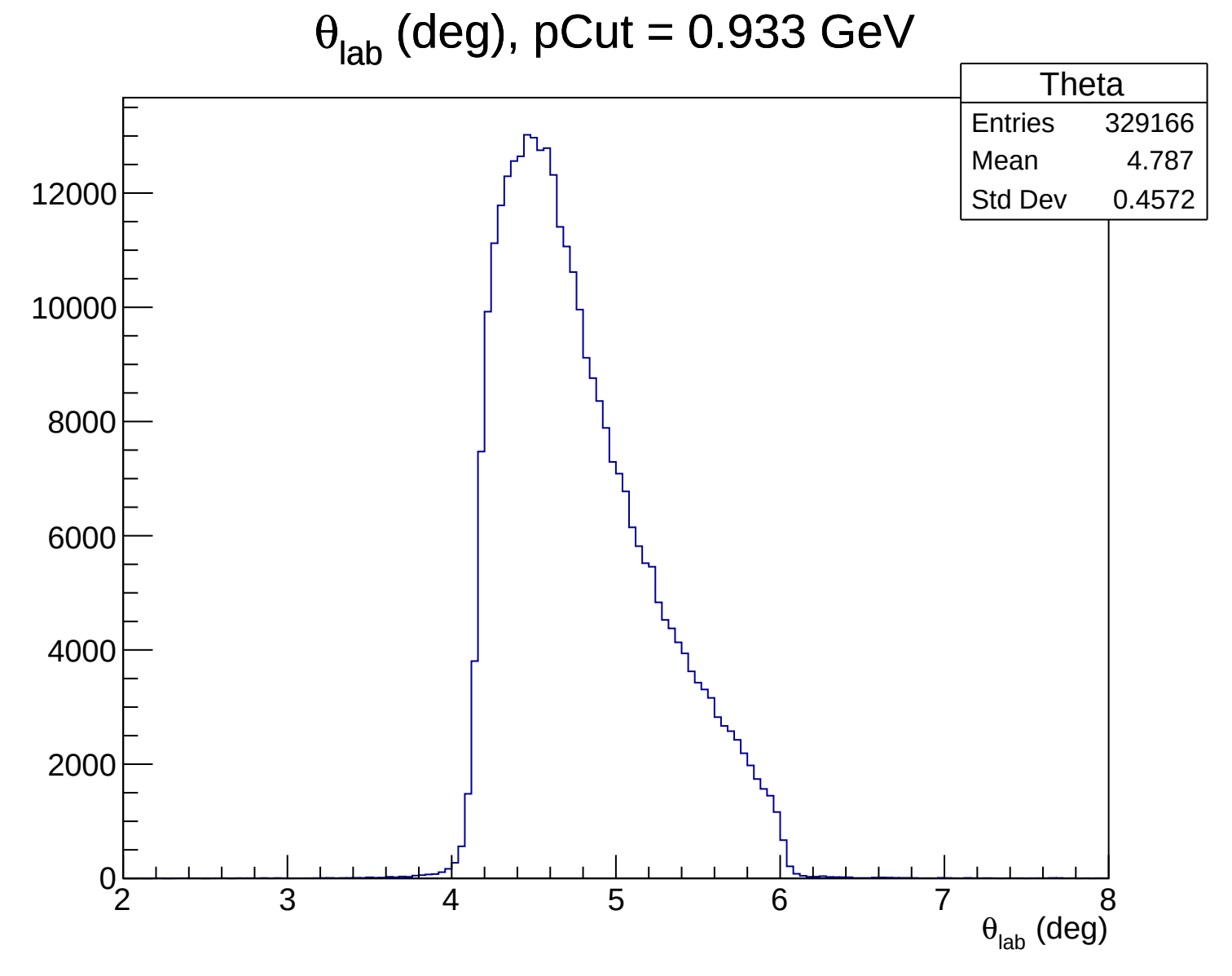

Stretched Asym. (ppm), pCut = 0.932 GeV
SAsym
Entries 334544
Mean 0.5562
Std Dev 0.07631
12000
10000
8000
6000
4000
2000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

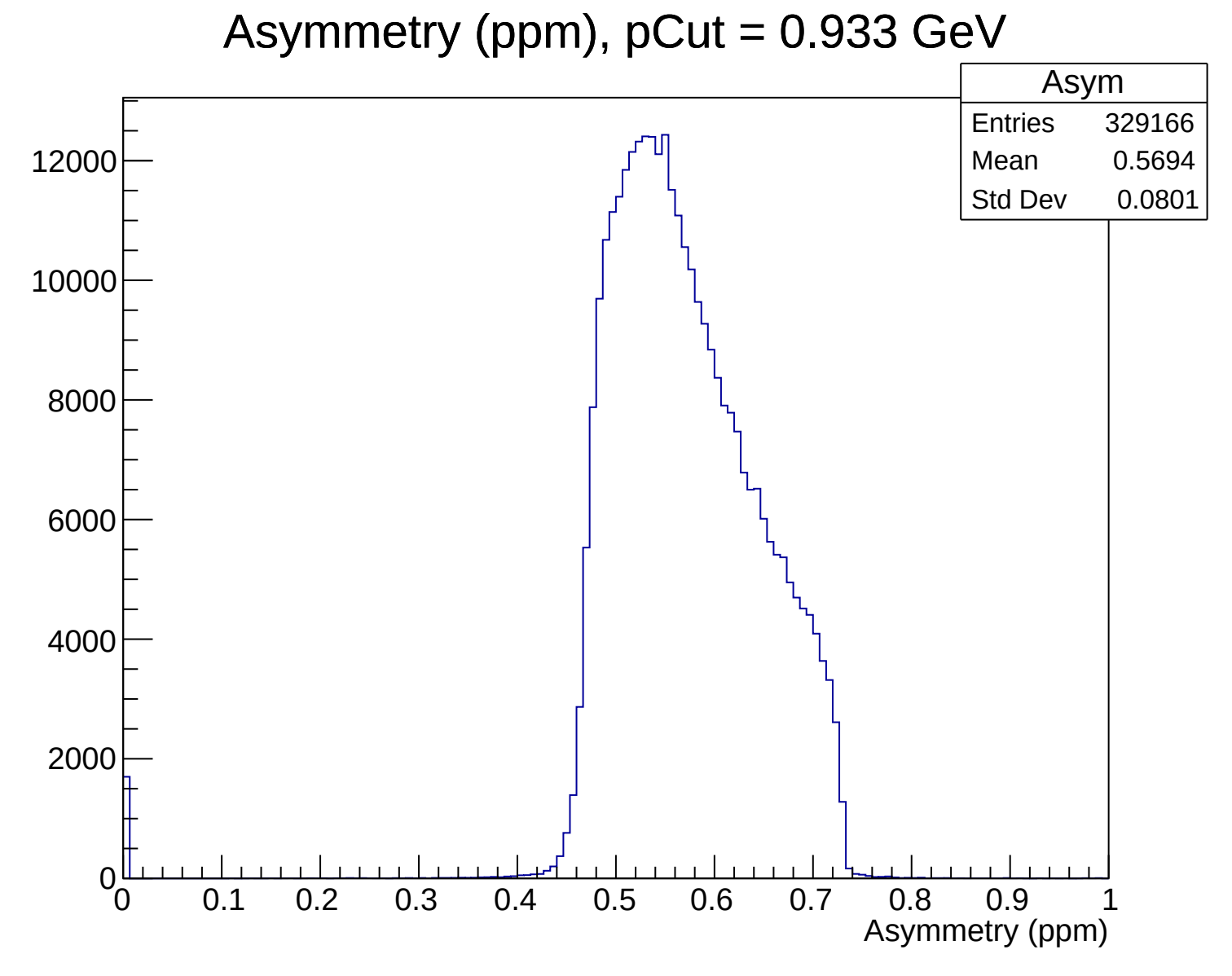

Q^2 (GeV/c)^2, pCut = 0.932 GeV
Q2
Entries 334544
Mean 0.006312
Std Dev 0.001234
14000
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

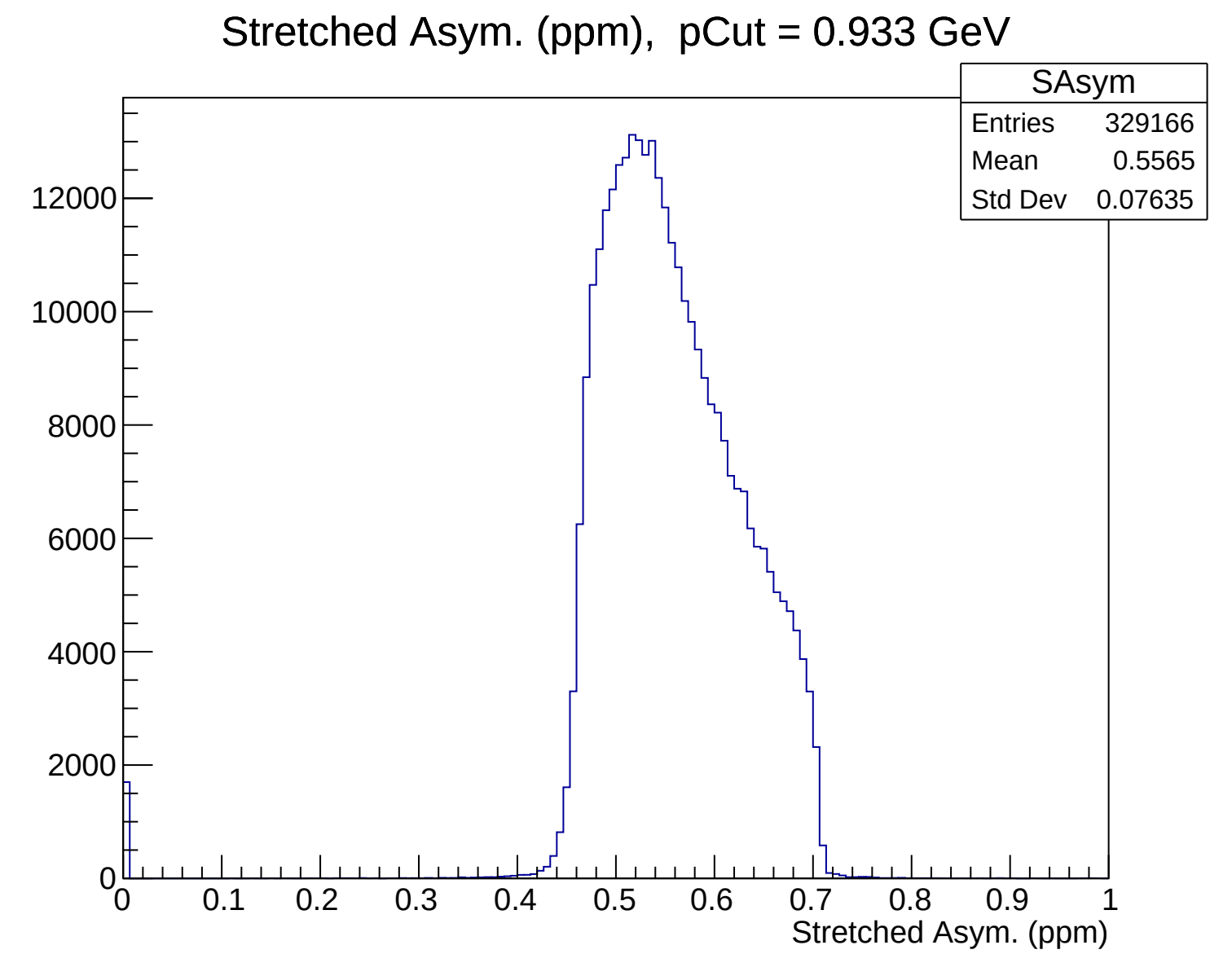

Sensitivity, pCut = 0.932 GeV
sens
Entries 334544
Mean 0.02215
Std Dev 0.003927
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

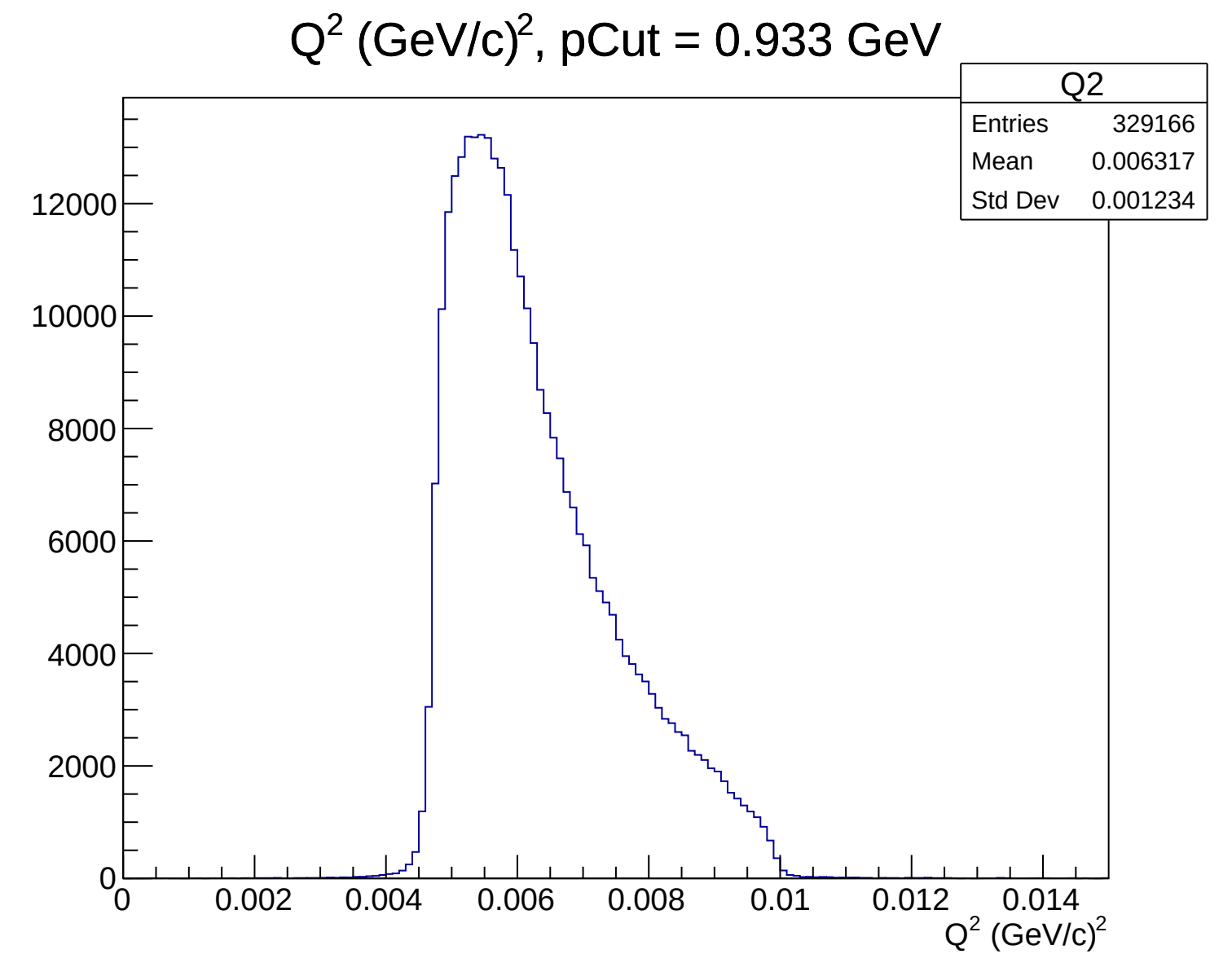

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

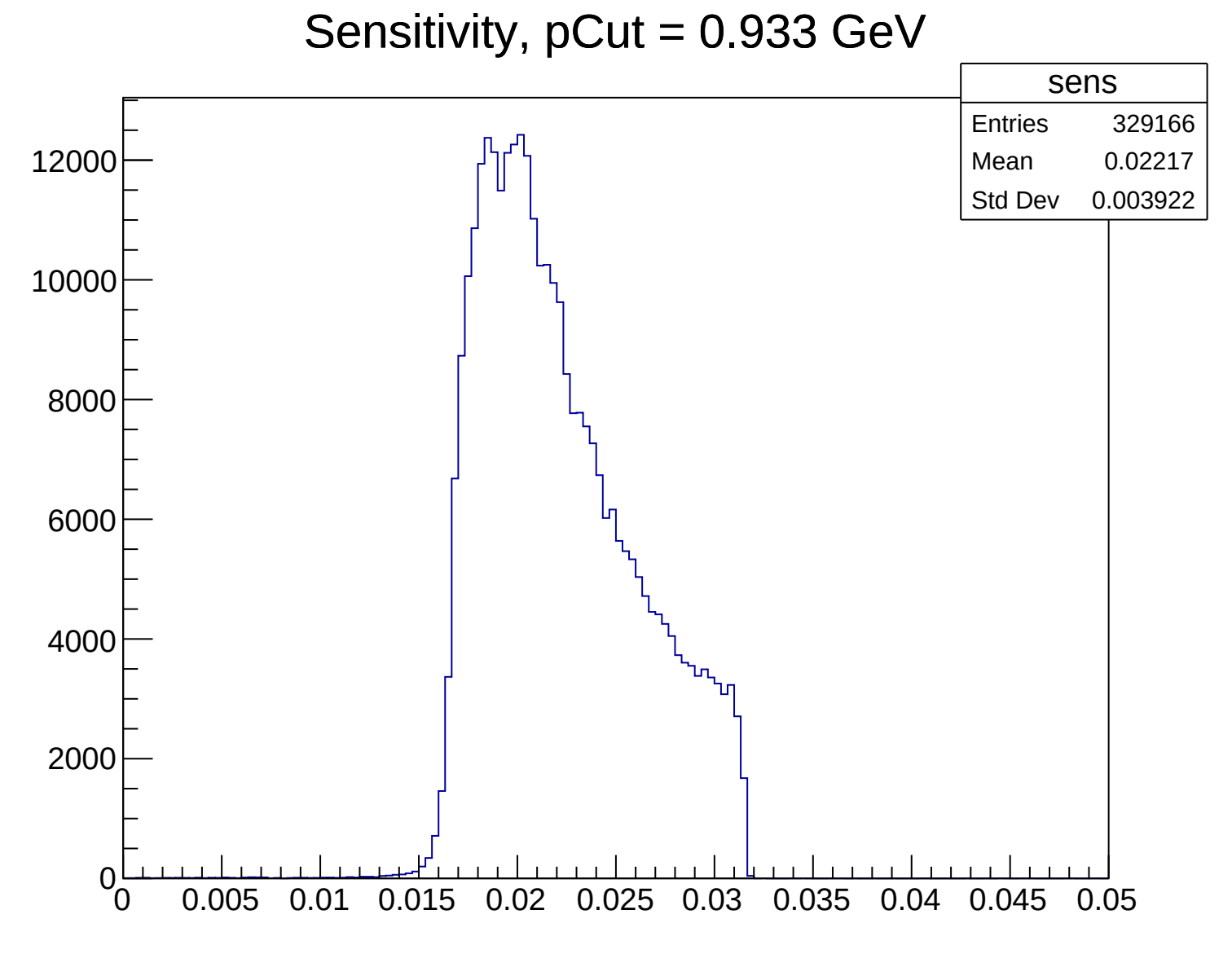

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9330 GeV
R.gold.p (GeV)

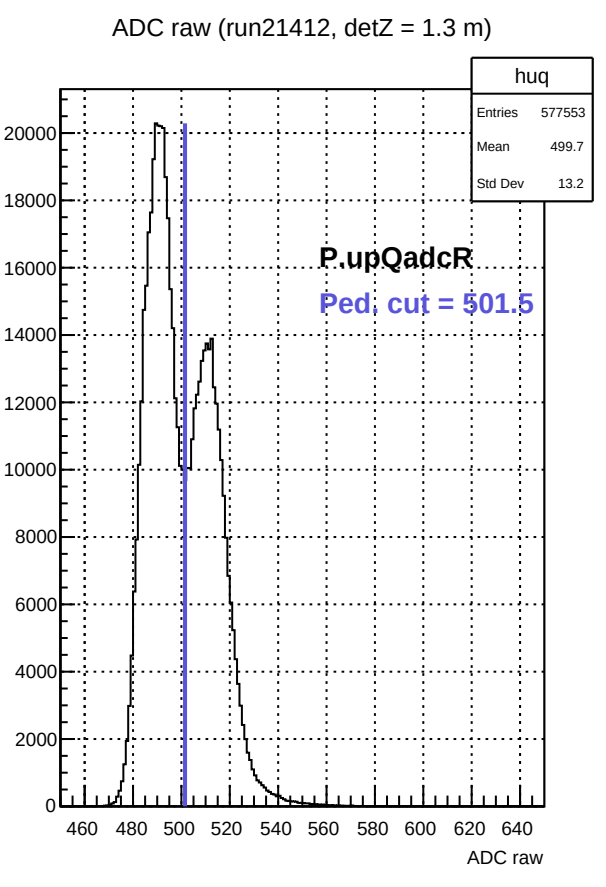

θlab (deg), pCut = 0.933 GeV
Theta
Entries 329166
Mean 4.787
Std Dev 0.4572
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

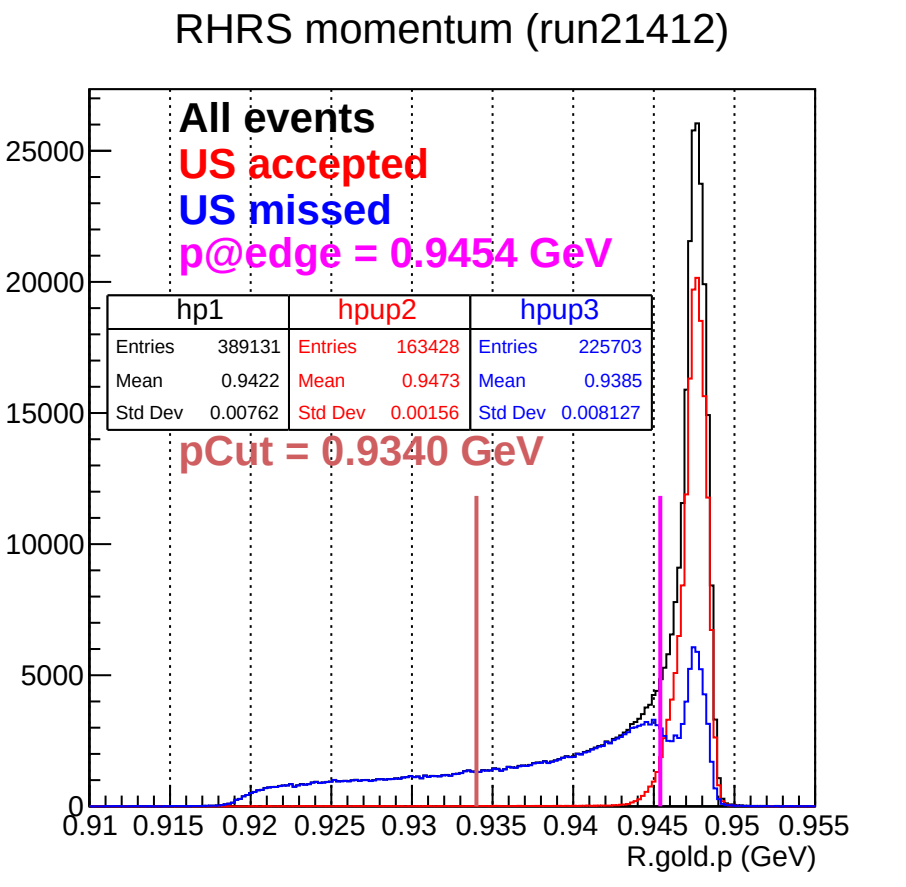

Asymmetry (ppm), pCut = 0.933 GeV
Asym
Entries 329166
Mean 0.5694
Std Dev 0.0801
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

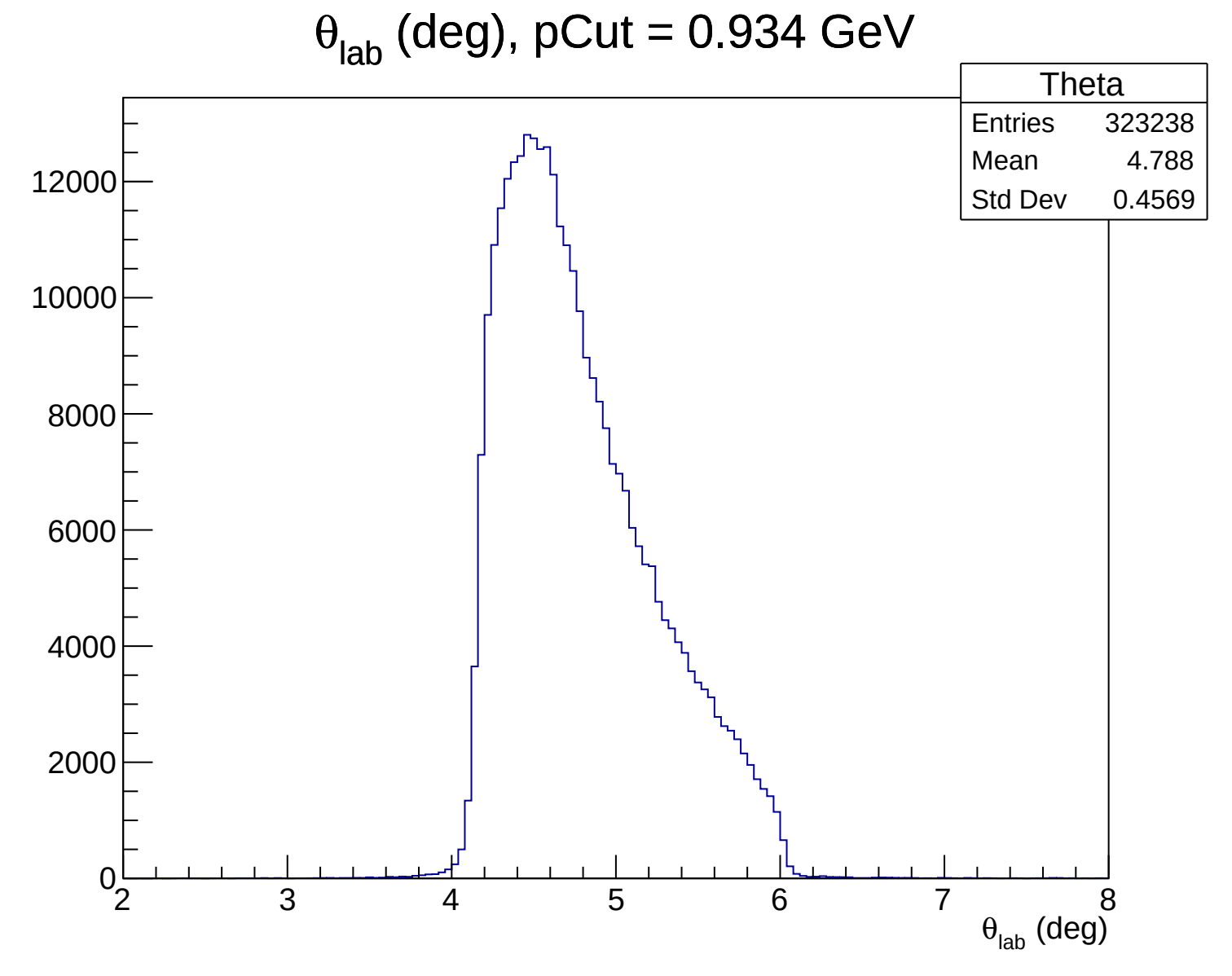

Stretched Asym. (ppm), pCut = 0.933 GeV
SAsym
Entries 329166
Mean 0.5565
Std Dev 0.07635
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

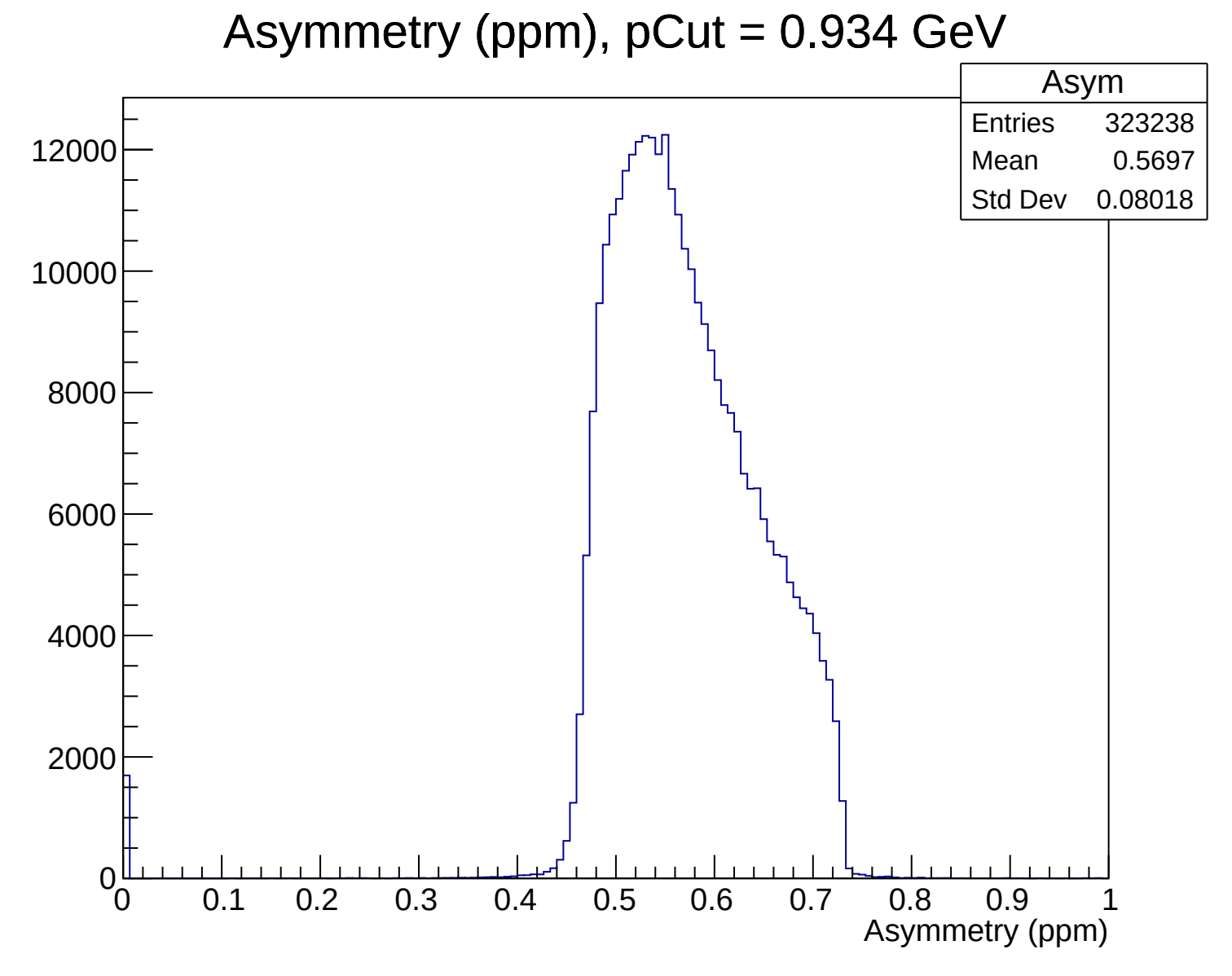

Q^2 (GeV/c)^2, pCut = 0.933 GeV
Q2
Entries 329166
Mean 0.006317
Std Dev 0.001234
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

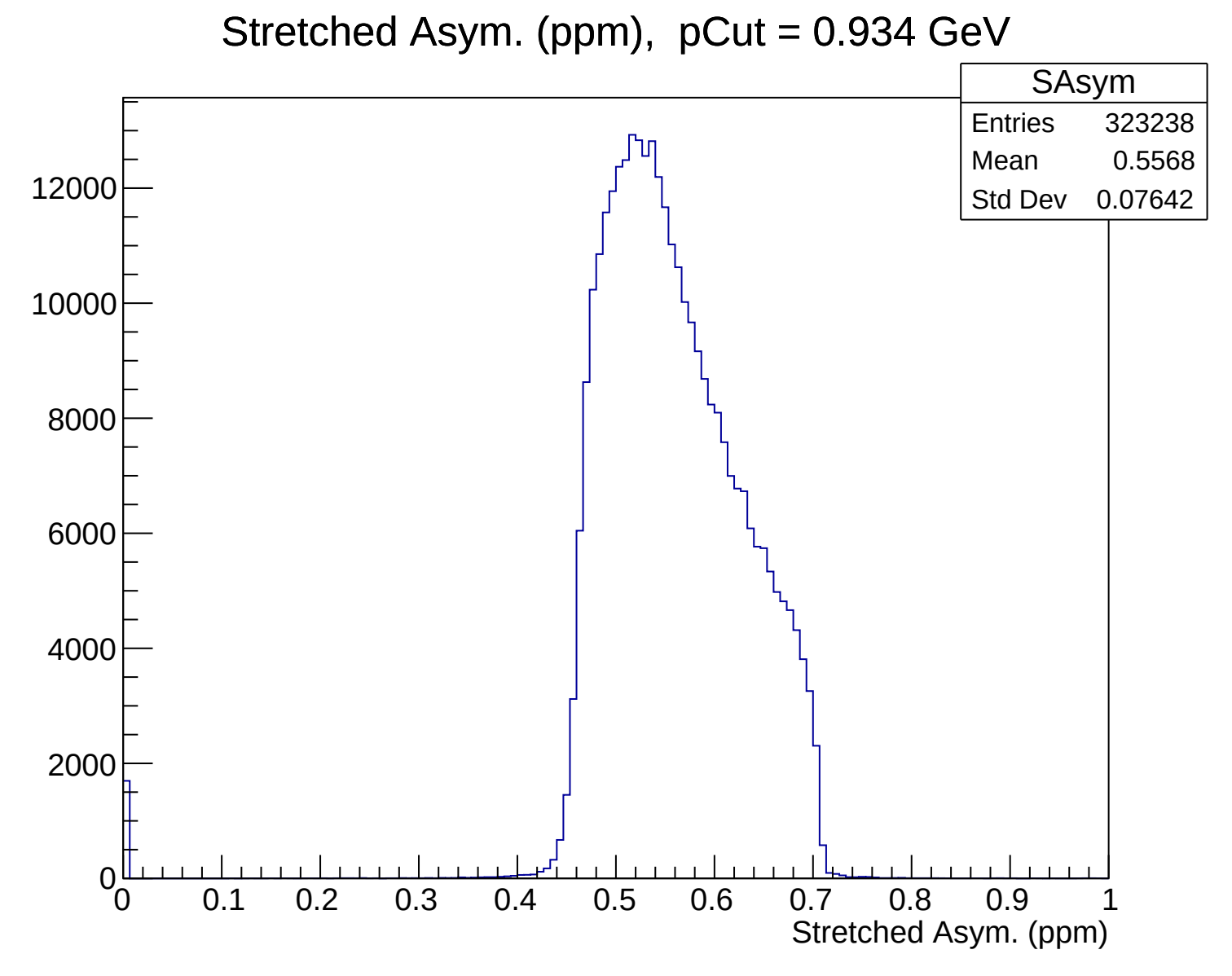

Sensitivity, pCut = 0.933 GeV
sens
Entries 329166
Mean 0.02217
Std Dev 0.003922
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

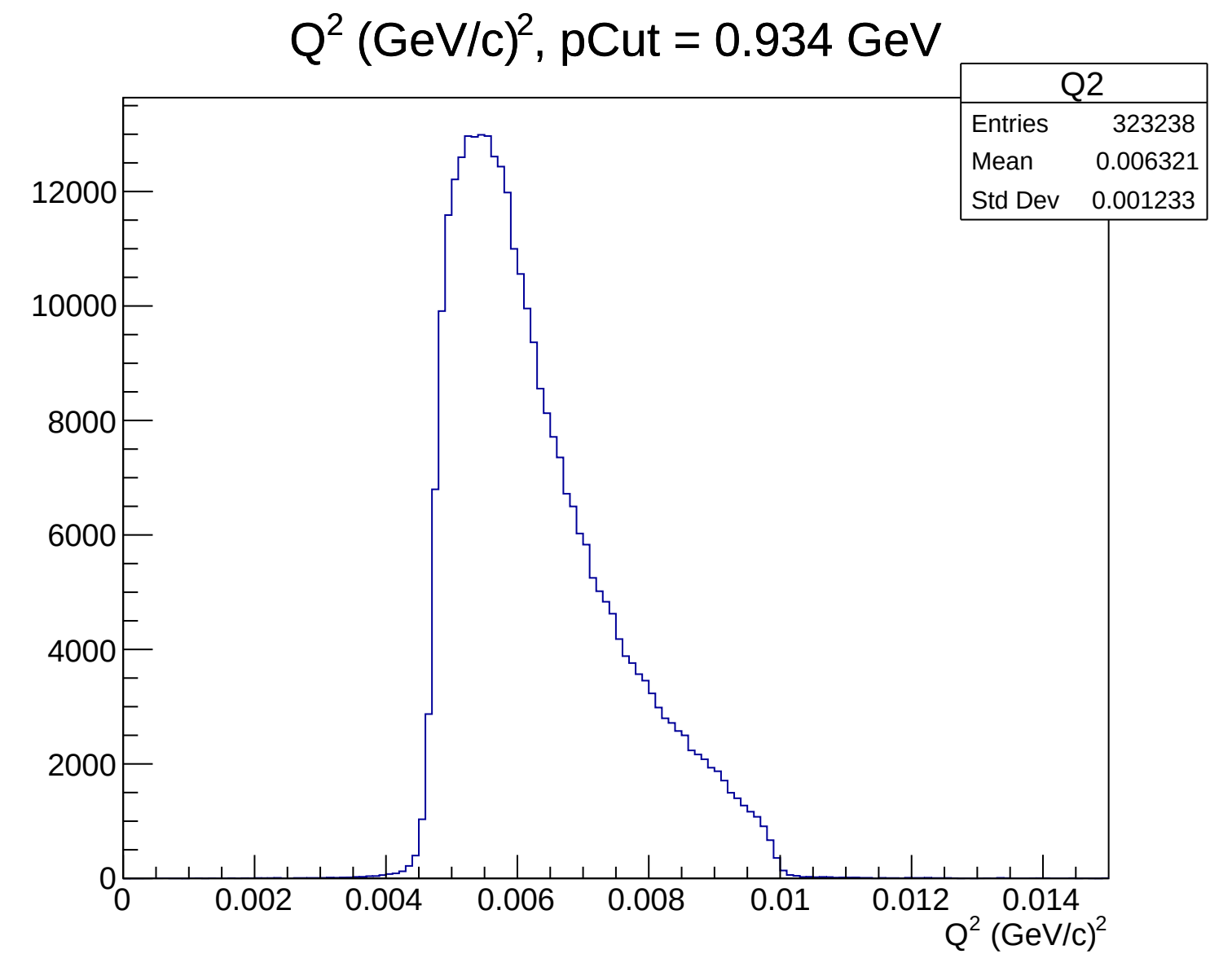

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

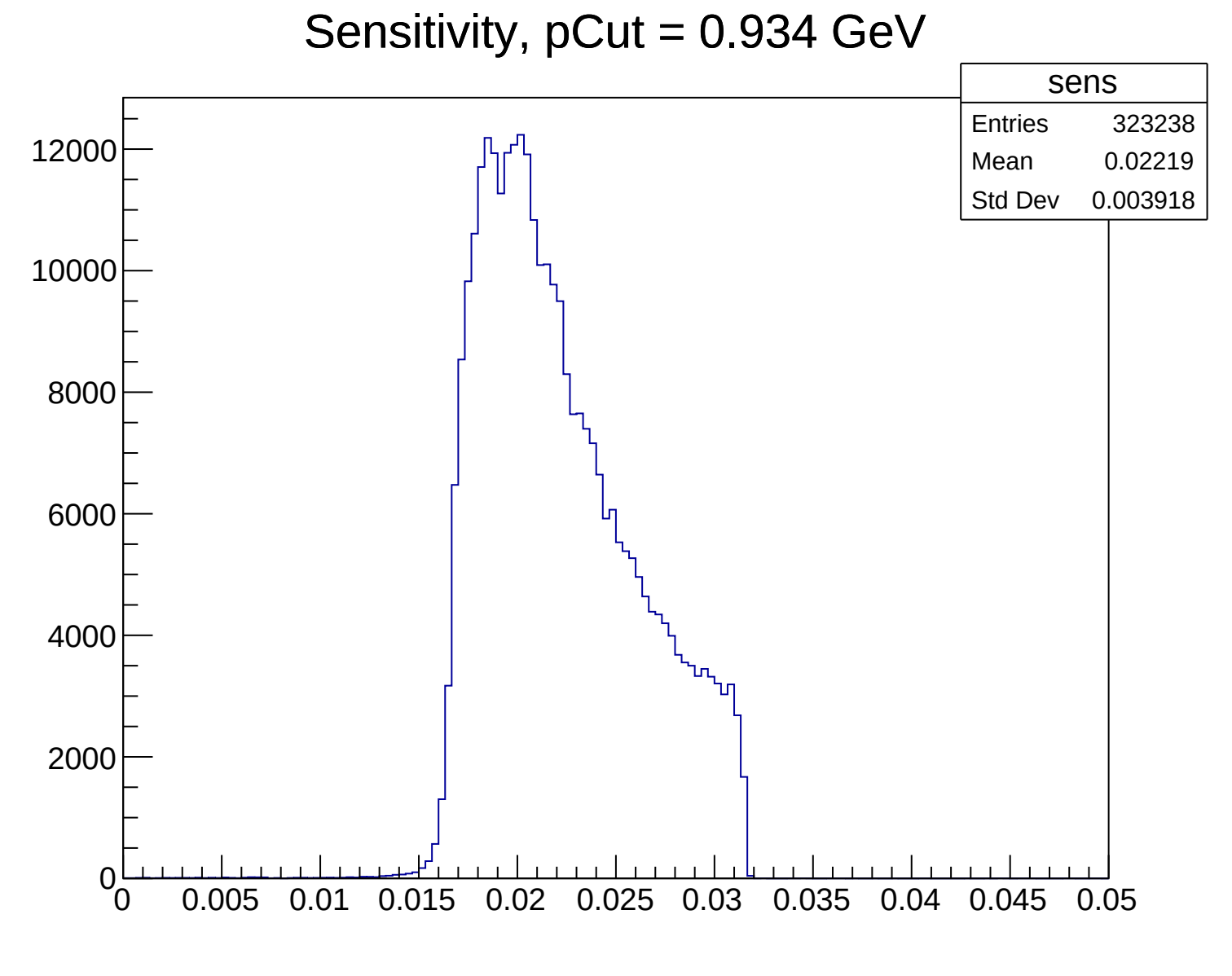

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9340 GeV
R.gold.p (GeV)

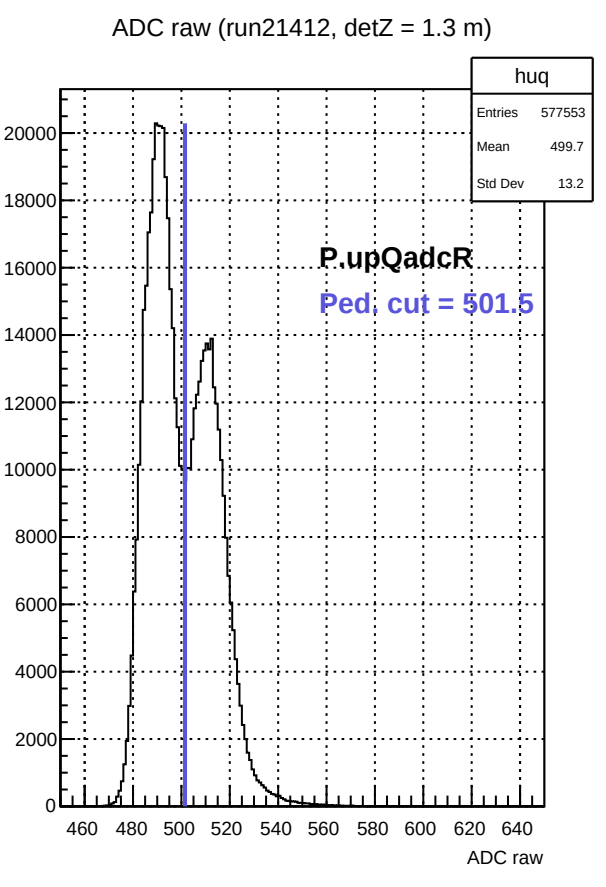

θlab (deg), pCut = 0.934 GeV
Theta
Entries 323238
Mean 4.788
Std Dev 0.4569
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

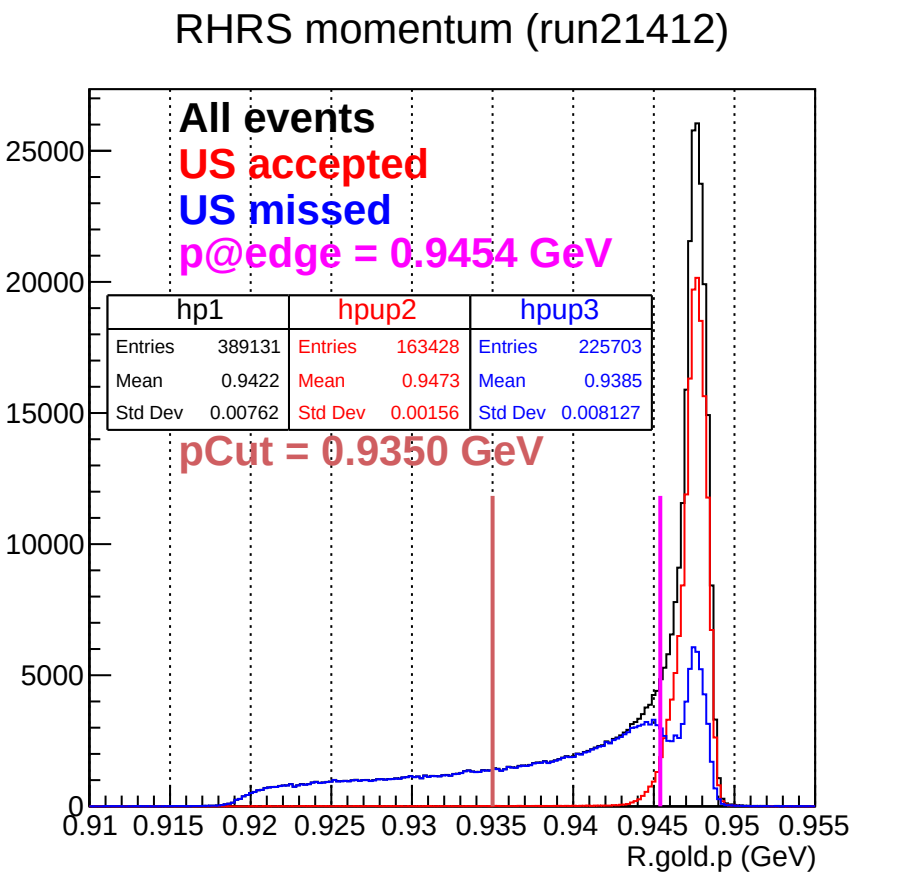

Asymmetry (ppm), pCut = 0.934 GeV
Asym
Entries 323238
Mean 0.5697
Std Dev 0.08018
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

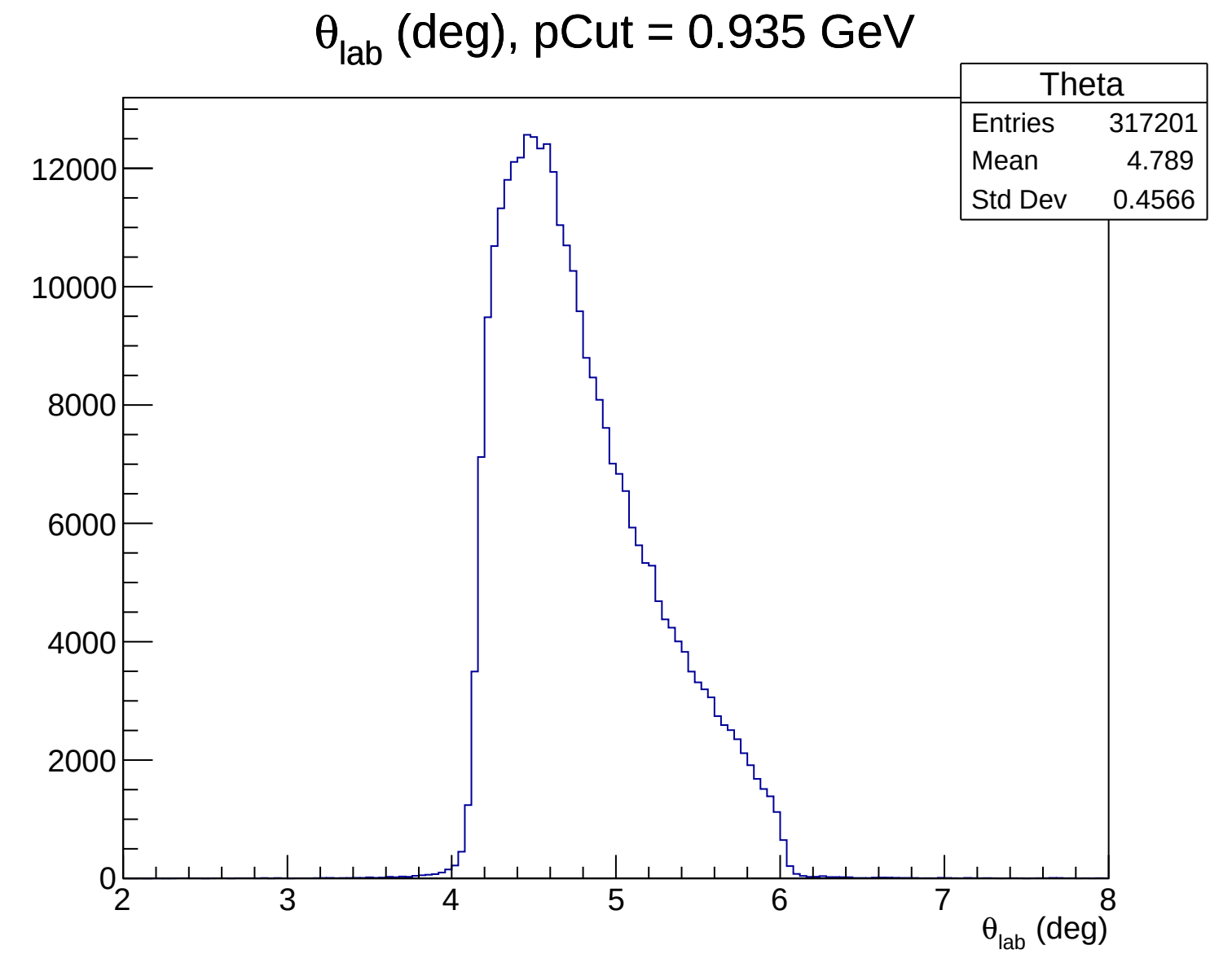

Stretched Asym. (ppm), pCut = 0.934 GeV
SAsym
Entries 323238
Mean 0.5568
Std Dev 0.07642
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

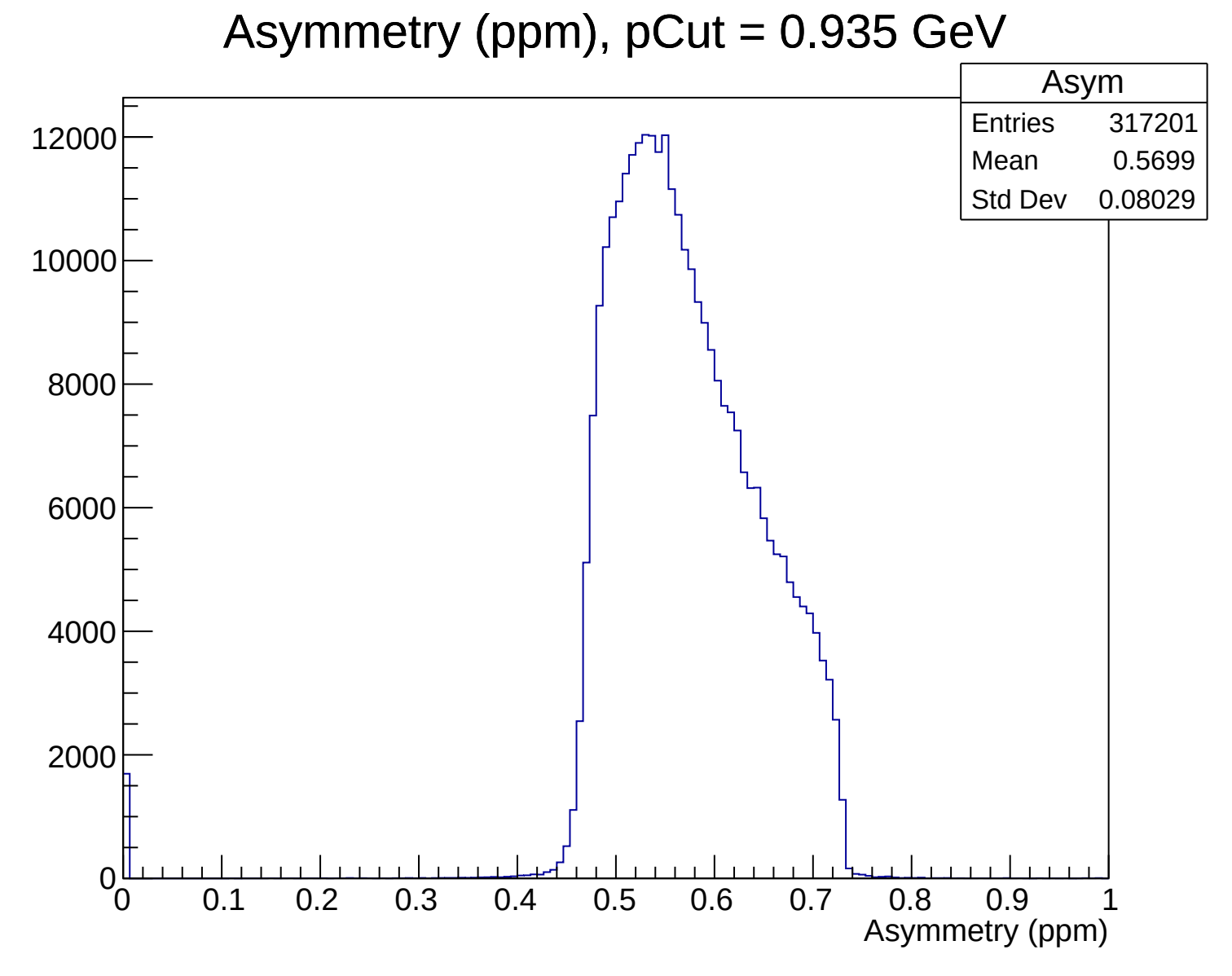

Q^2 (GeV/c)^2, pCut = 0.934 GeV
Q2
Entries 323238
Mean 0.006321
Std Dev 0.001233
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

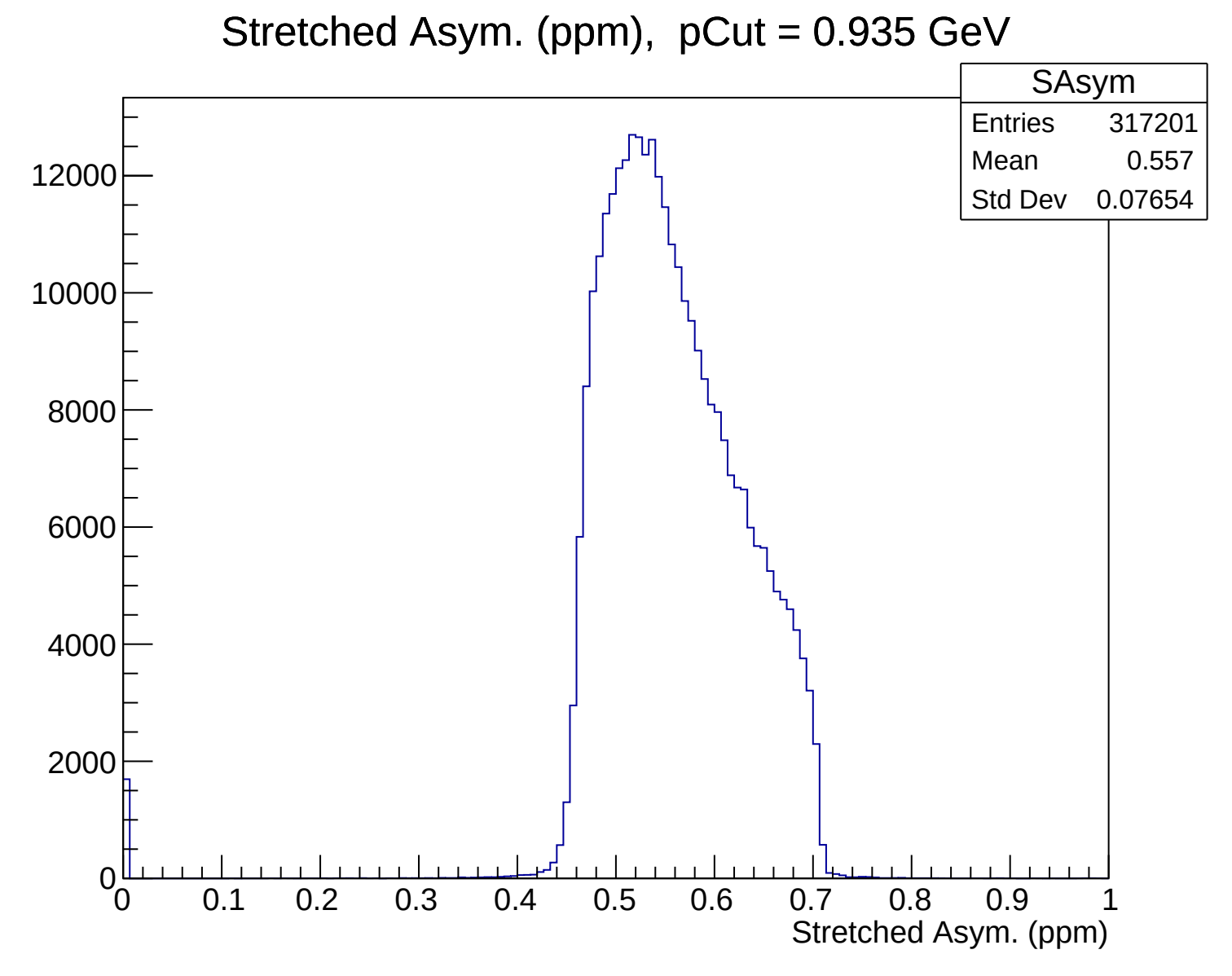

Sensitivity, pCut = 0.934 GeV
sens
Entries 323238
Mean 0.02219
Std Dev 0.003918
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

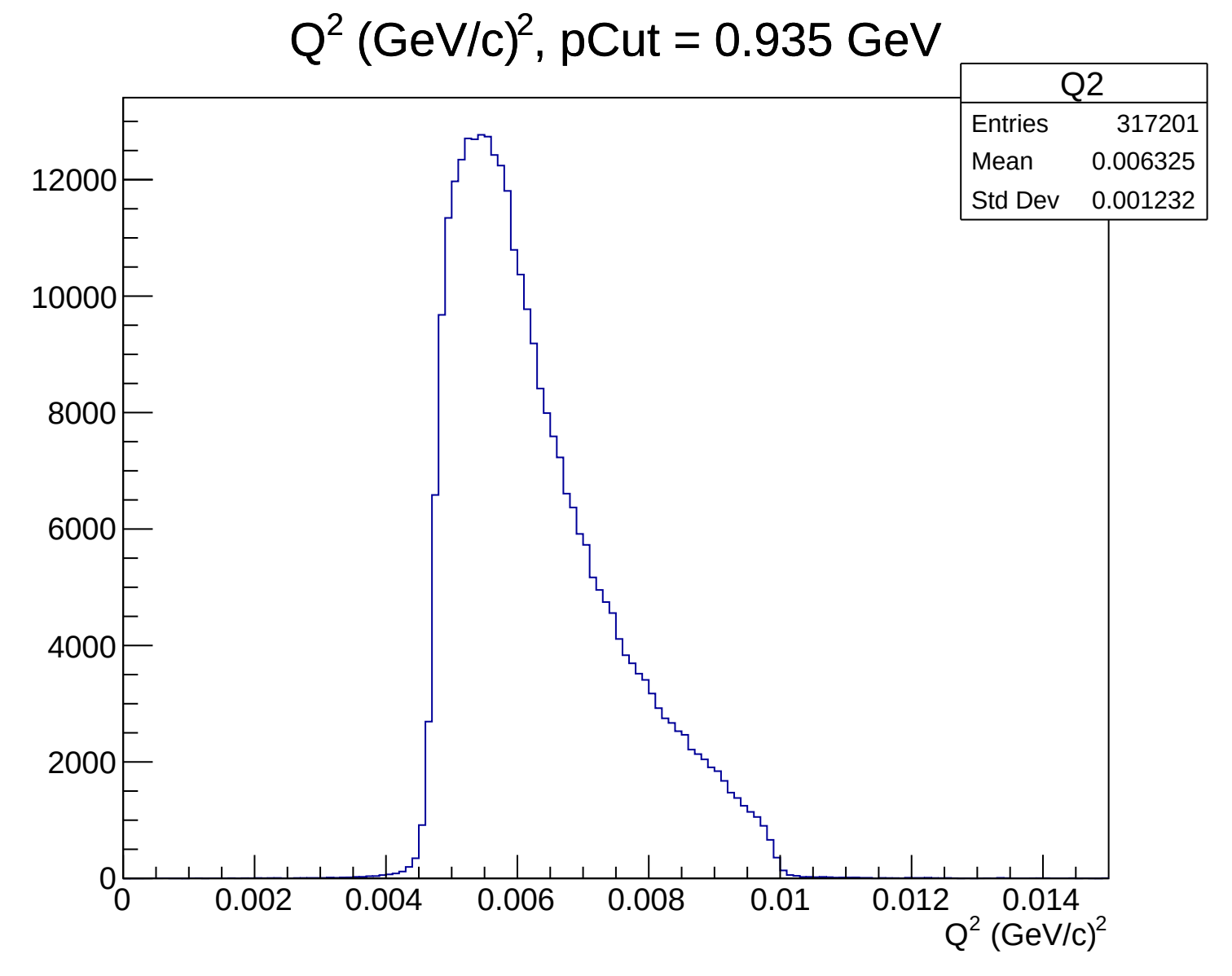

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

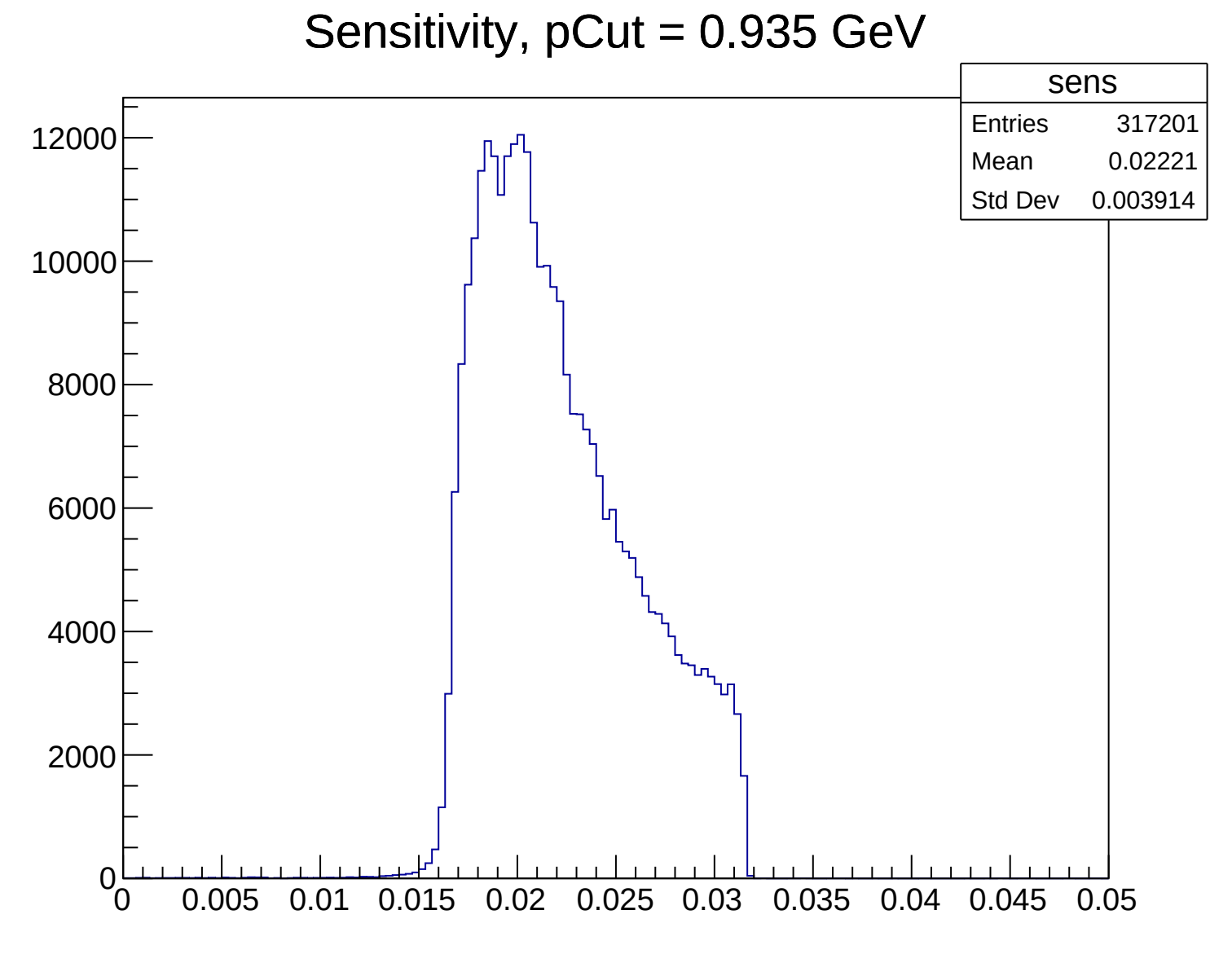

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9350 GeV
R.gold.p (GeV)

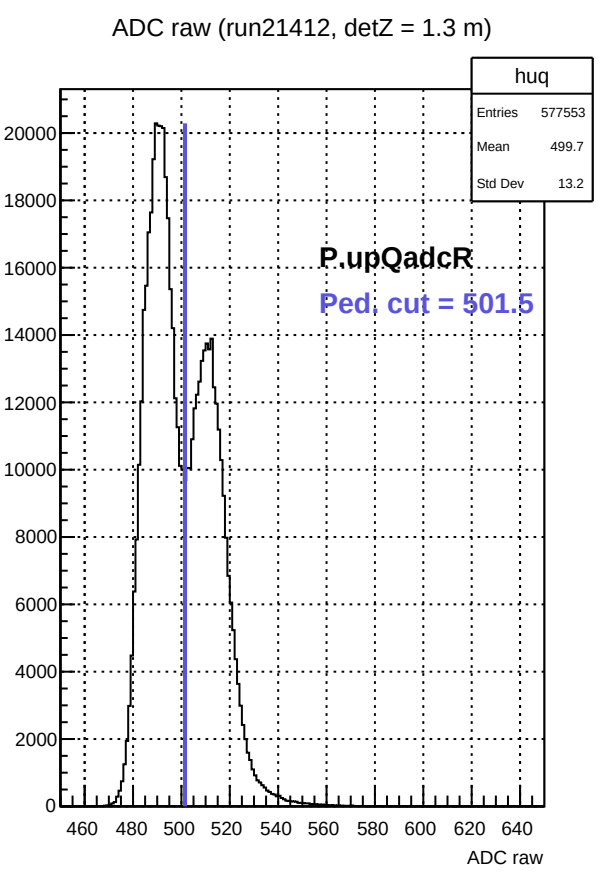

θlab (deg), pCut = 0.935 GeV
Theta
Entries 317201
Mean 4.789
Std Dev 0.4566
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

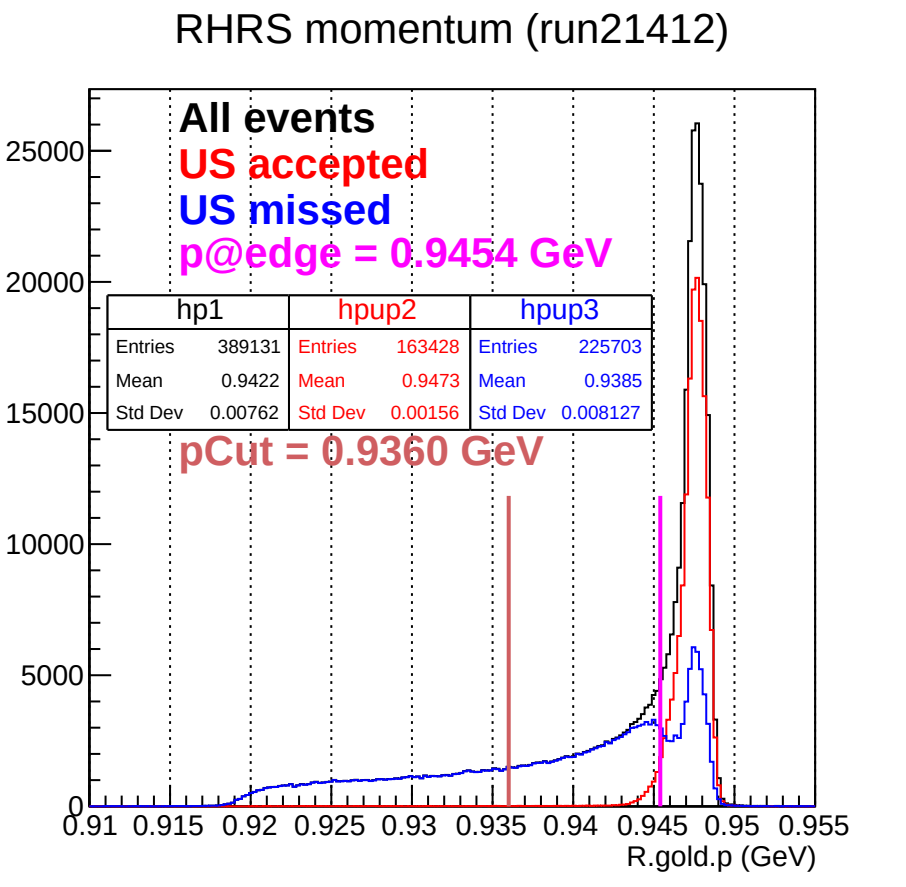

Asymmetry (ppm), pCut = 0.935 GeV
Asym
Entries 317201
Mean 0.5699
Std Dev 0.08029
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

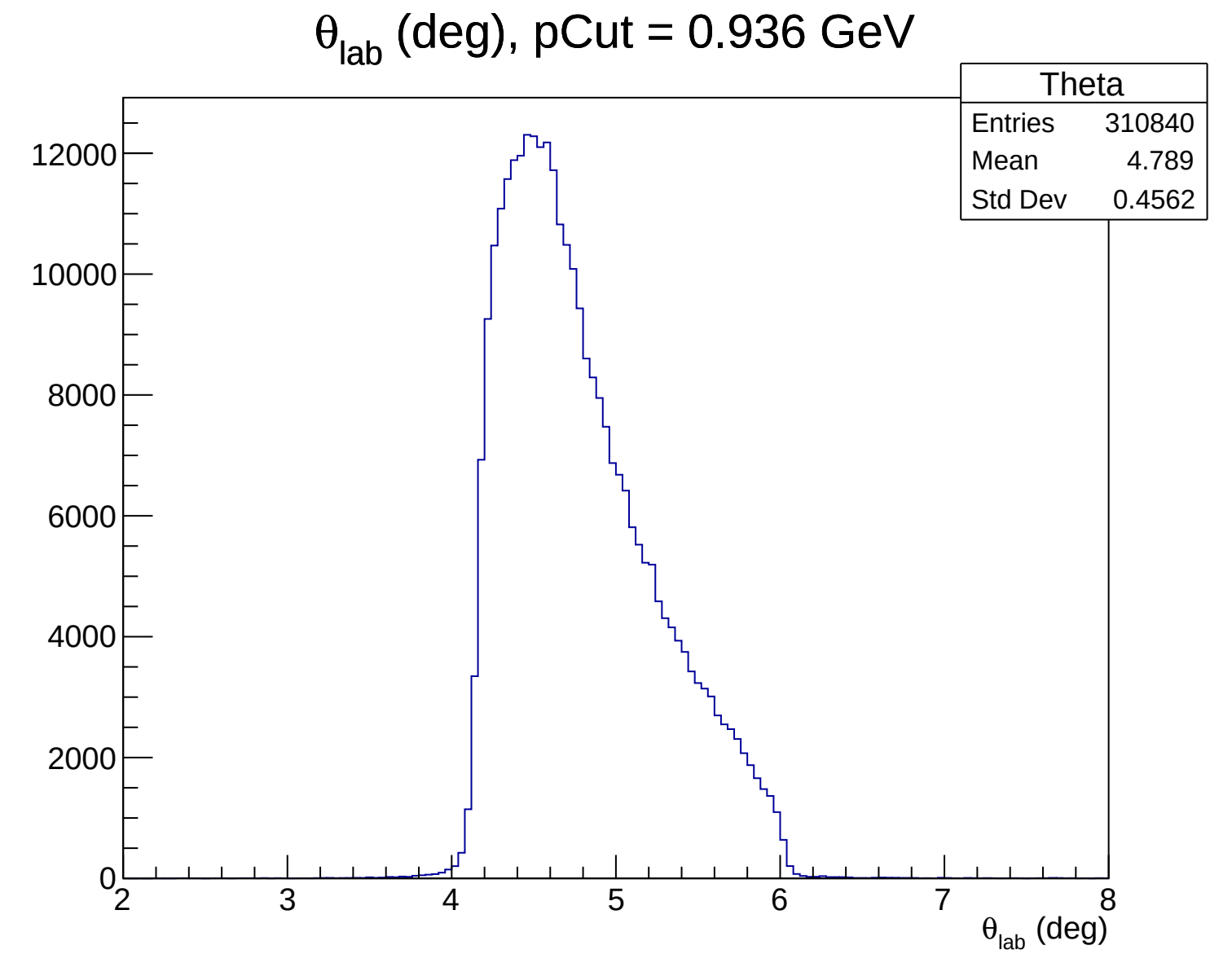

Stretched Asym. (ppm), pCut = 0.935 GeV
SAsym
Entries 317201
Mean 0.557
Std Dev 0.07654
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

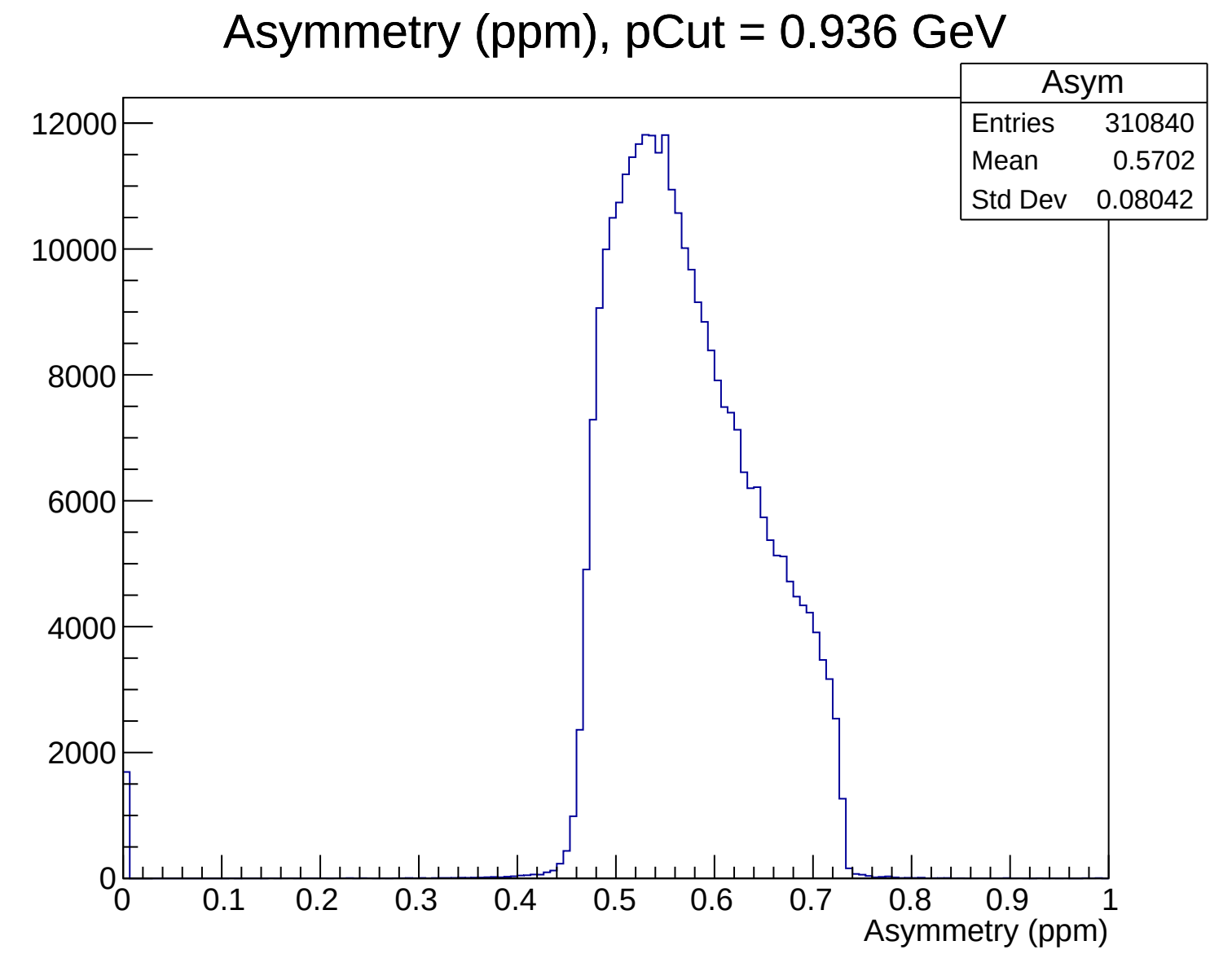

Q^2 (GeV/c)^2, pCut = 0.935 GeV
Q2
Entries 317201
Mean 0.006325
Std Dev 0.001232
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

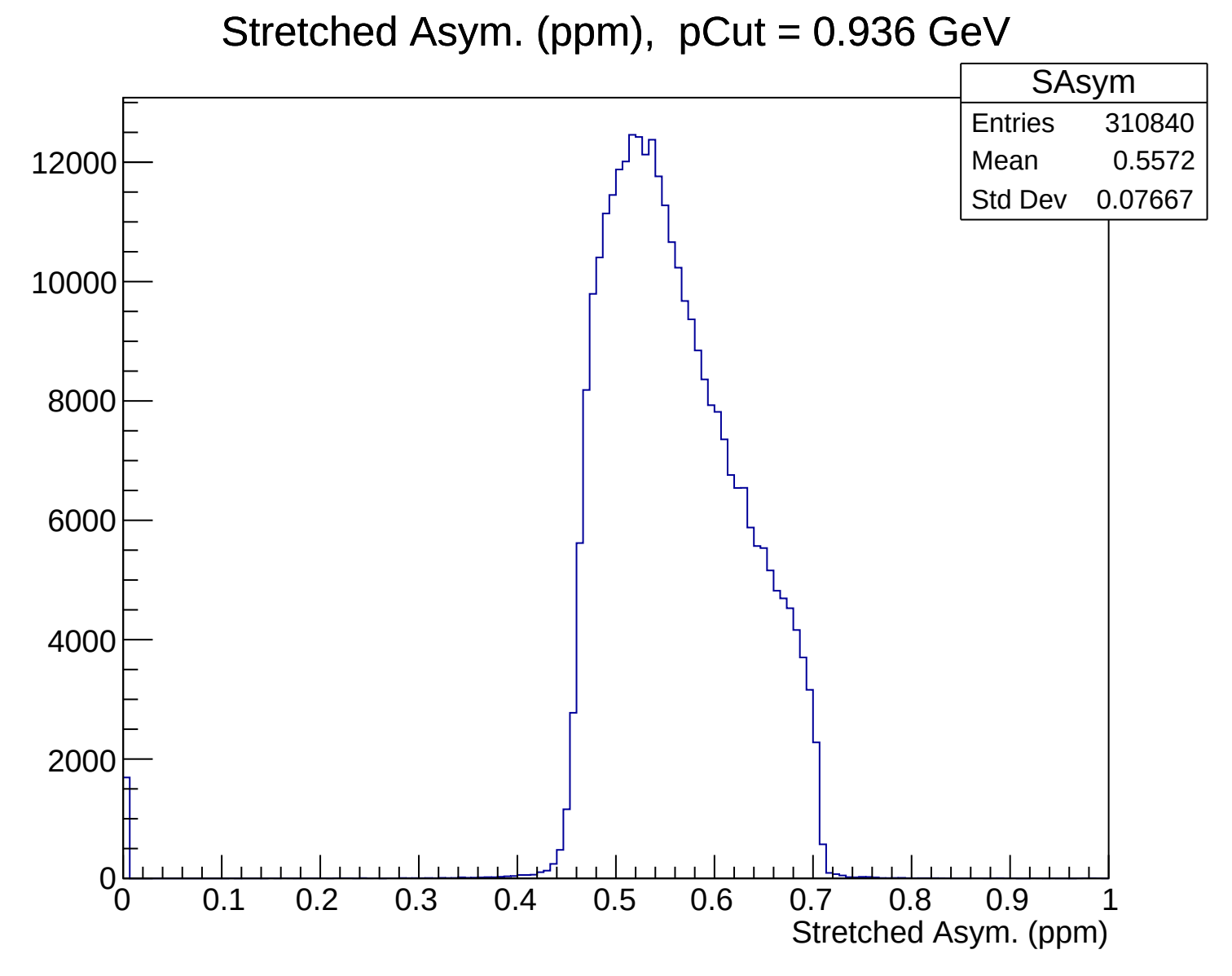

Sensitivity, pCut = 0.935 GeV
sens
Entries 317201
Mean 0.02221
Std Dev 0.003914
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

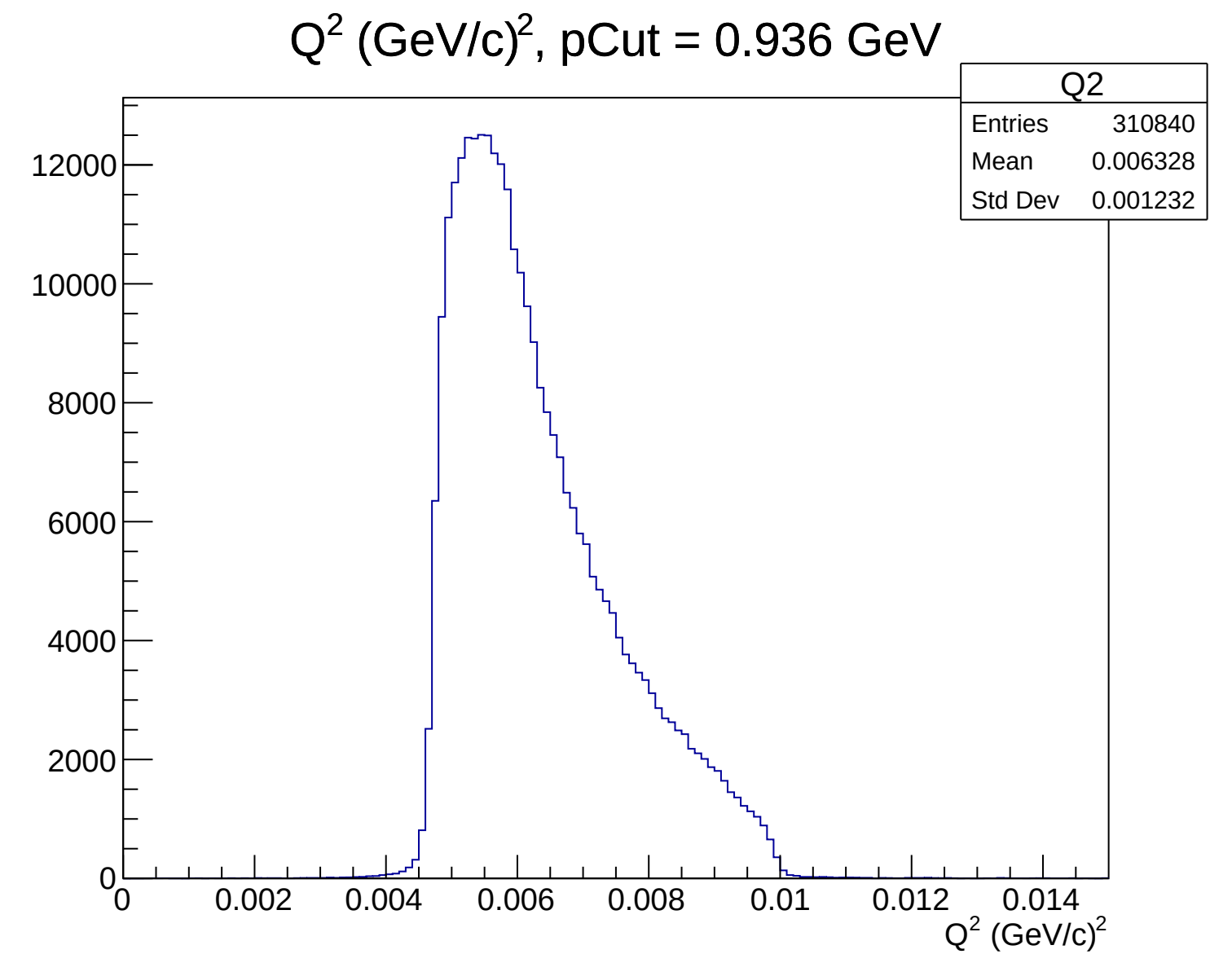

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

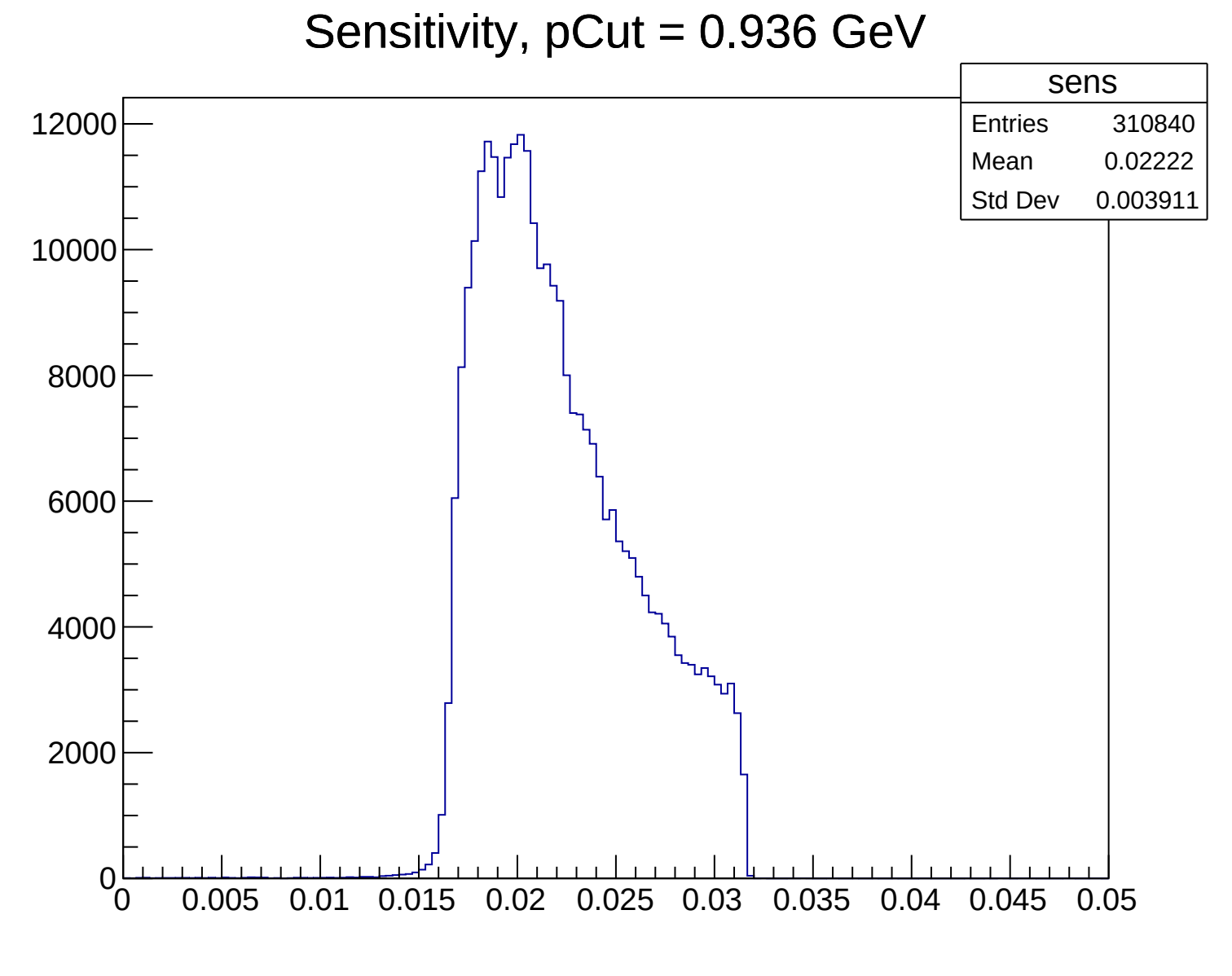

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9360 GeV
R.gold.p (GeV)

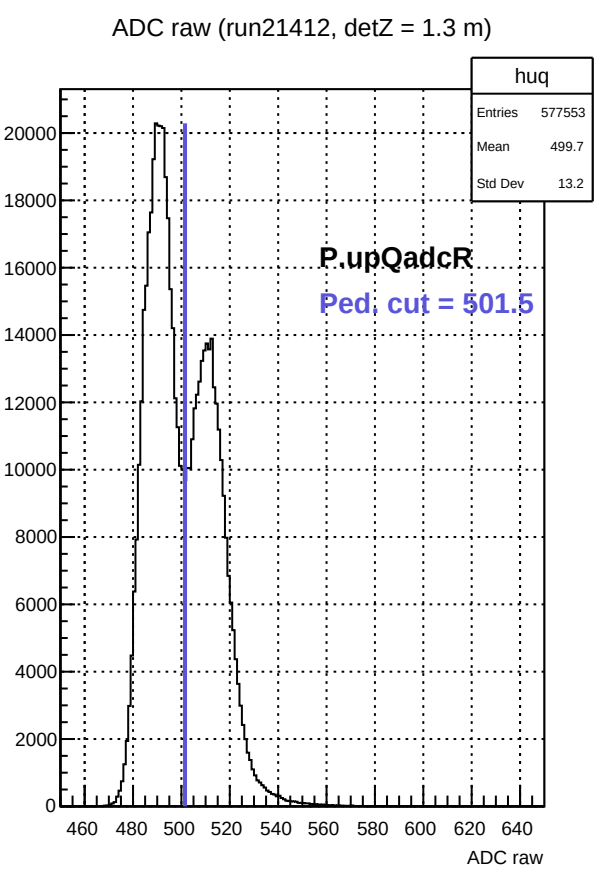

θlab (deg), pCut = 0.936 GeV
Theta
Entries 310840
Mean 4.789
Std Dev 0.4562
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

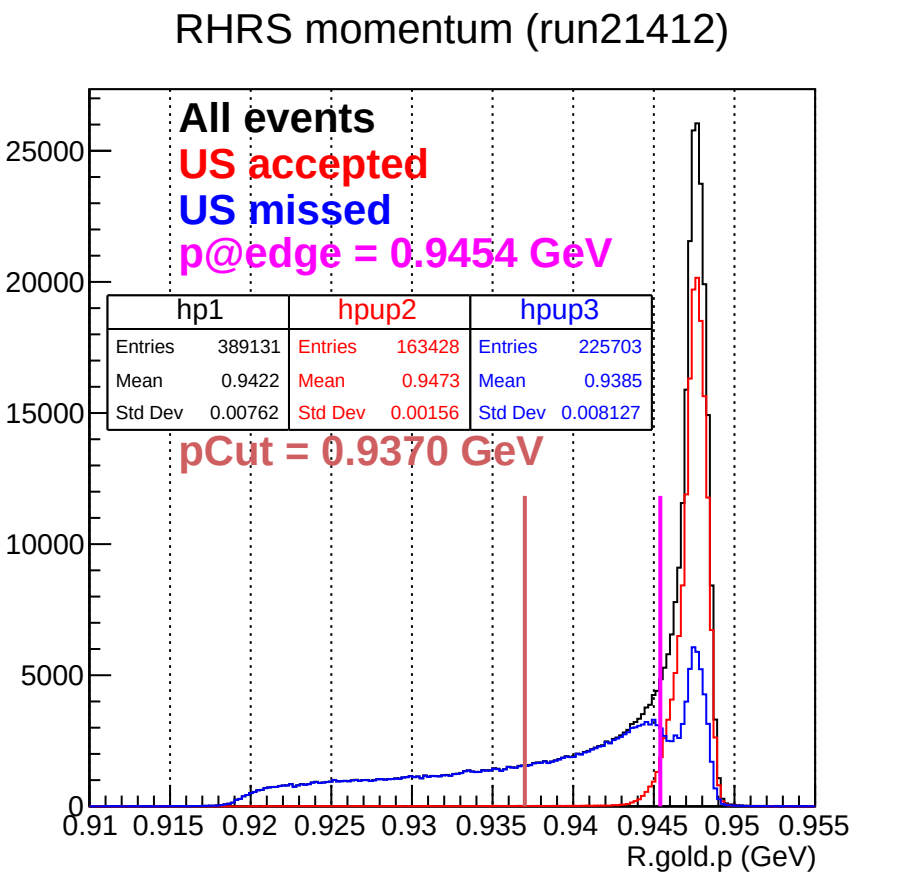

Asymmetry (ppm), pCut = 0.936 GeV
Asym
Entries 310840
Mean 0.5702
Std Dev 0.08042
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

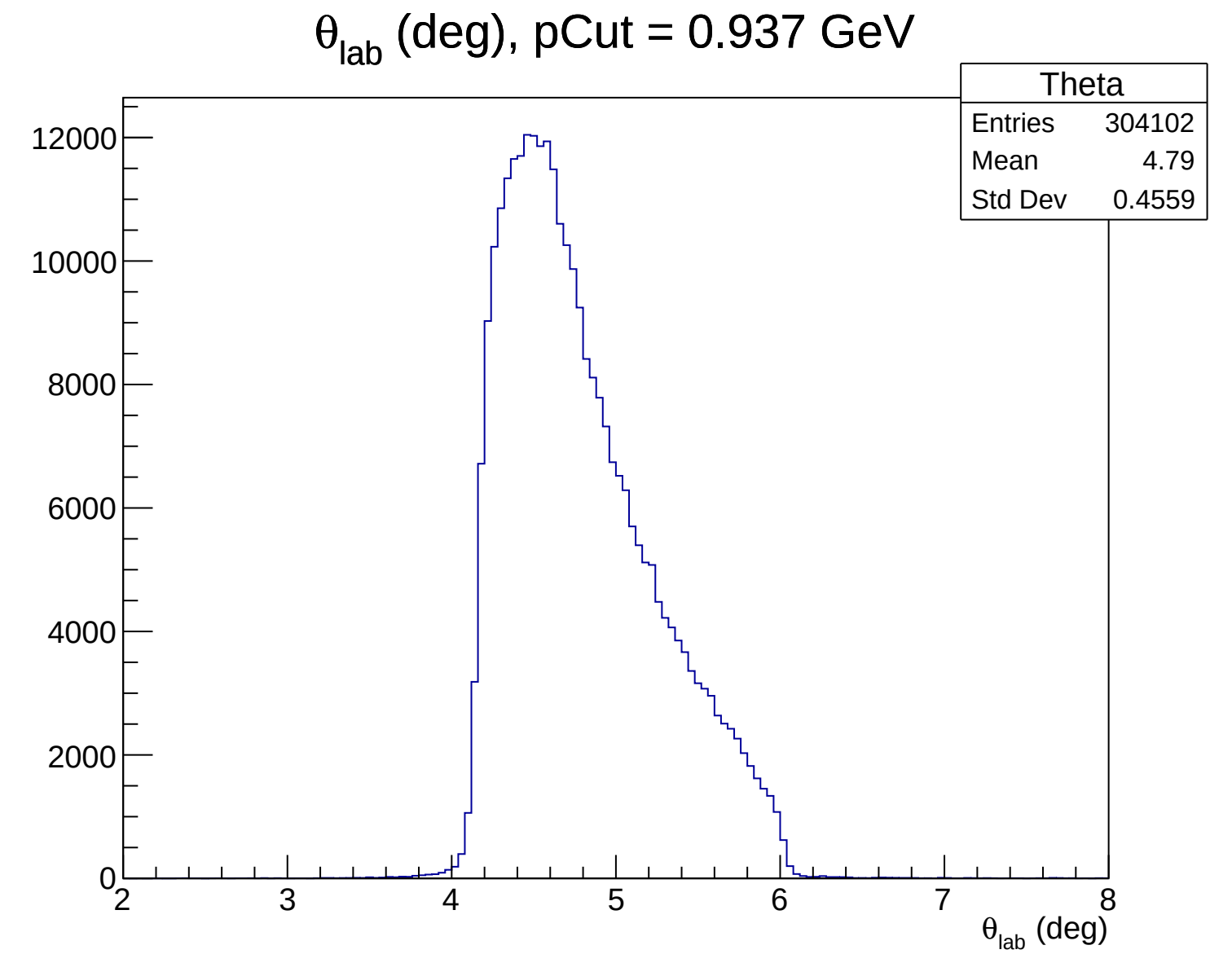

Stretched Asym. (ppm), pCut = 0.936 GeV
SAsym
Entries 310840
Mean 0.5572
Std Dev 0.07667
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

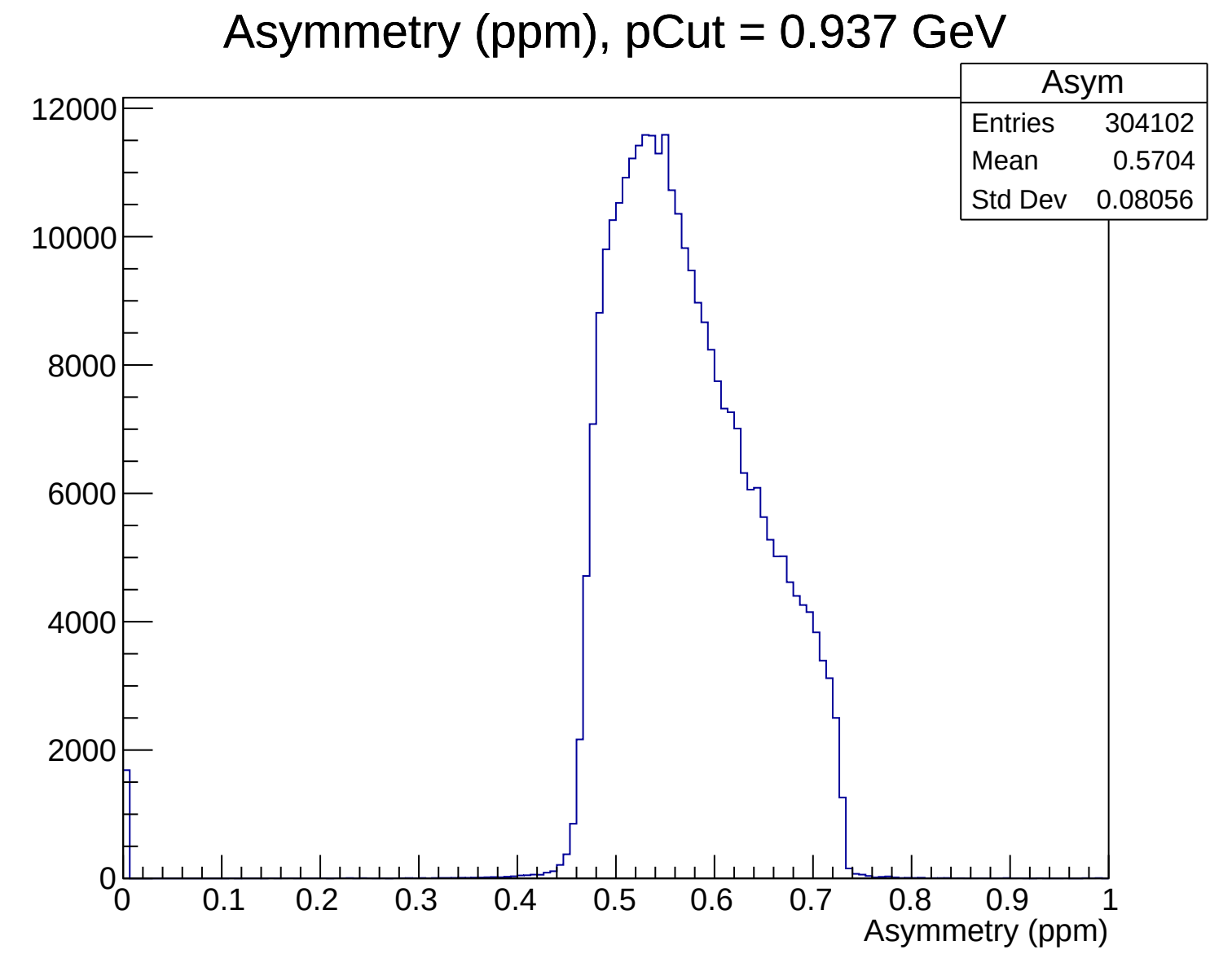

Q^2 (GeV/c)^2, pCut = 0.936 GeV
Q2
Entries 310840
Mean 0.006328
Std Dev 0.001232
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

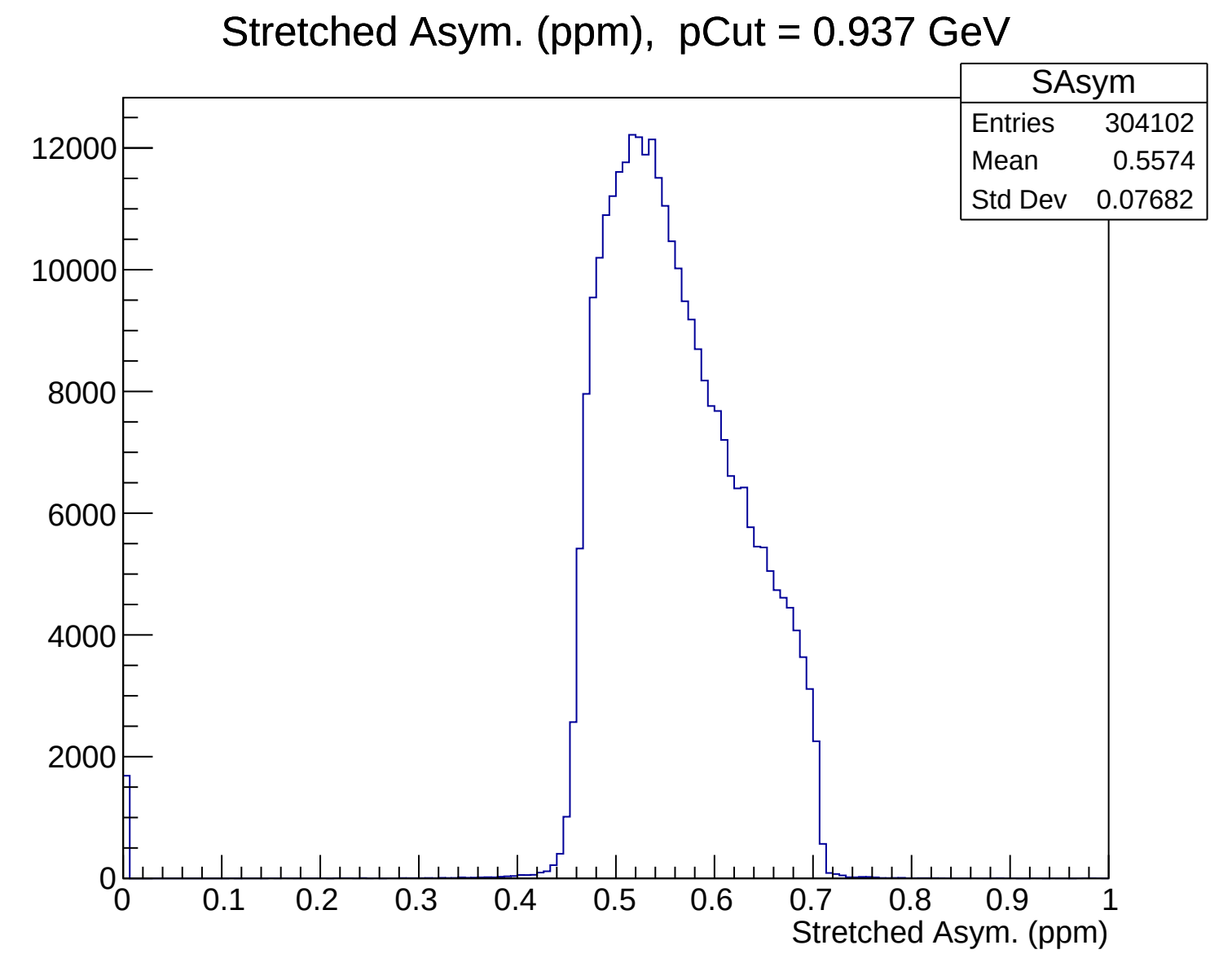

Sensitivity, pCut = 0.936 GeV
sens
Entries 310840
Mean 0.02222
Std Dev 0.003911
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

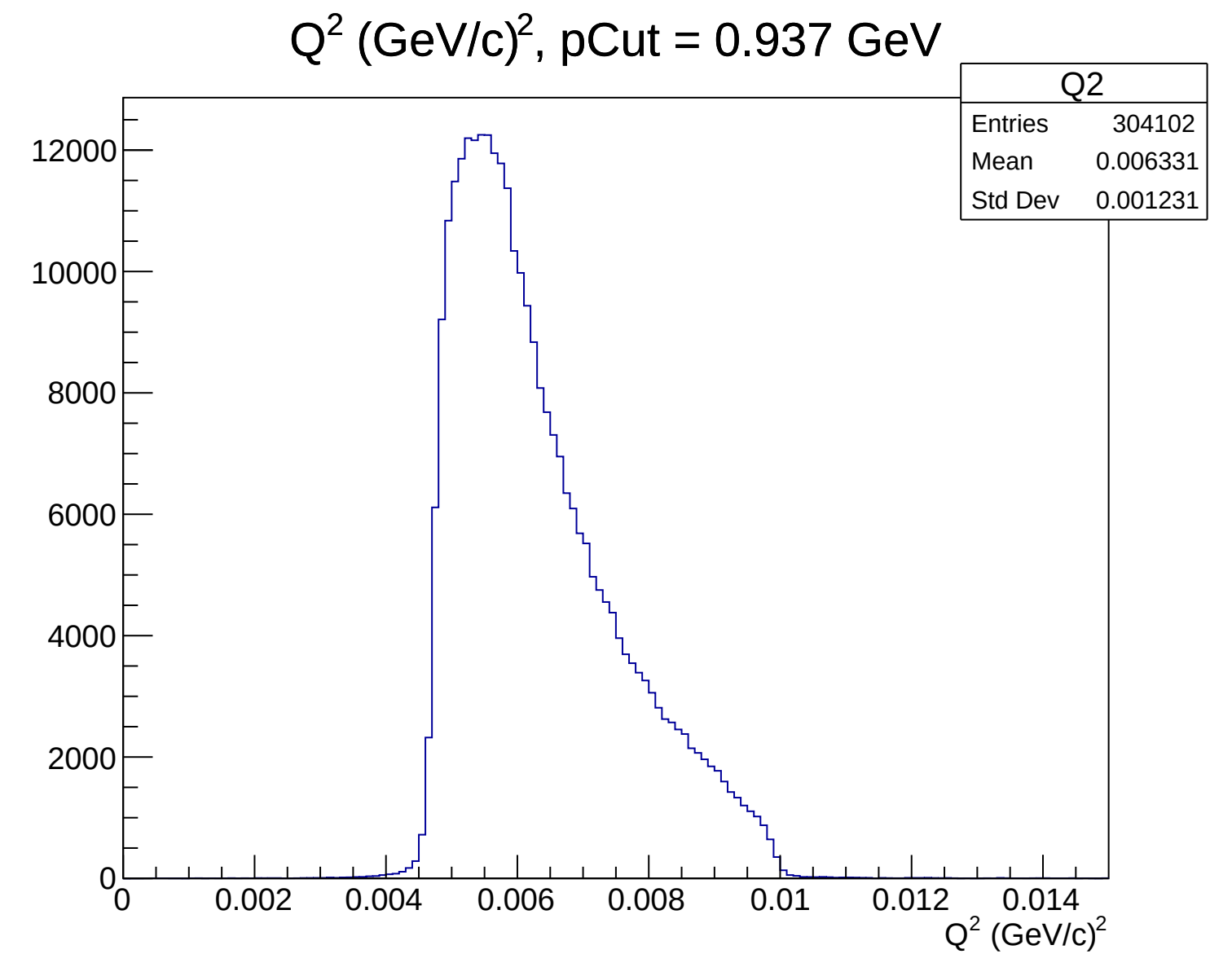

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

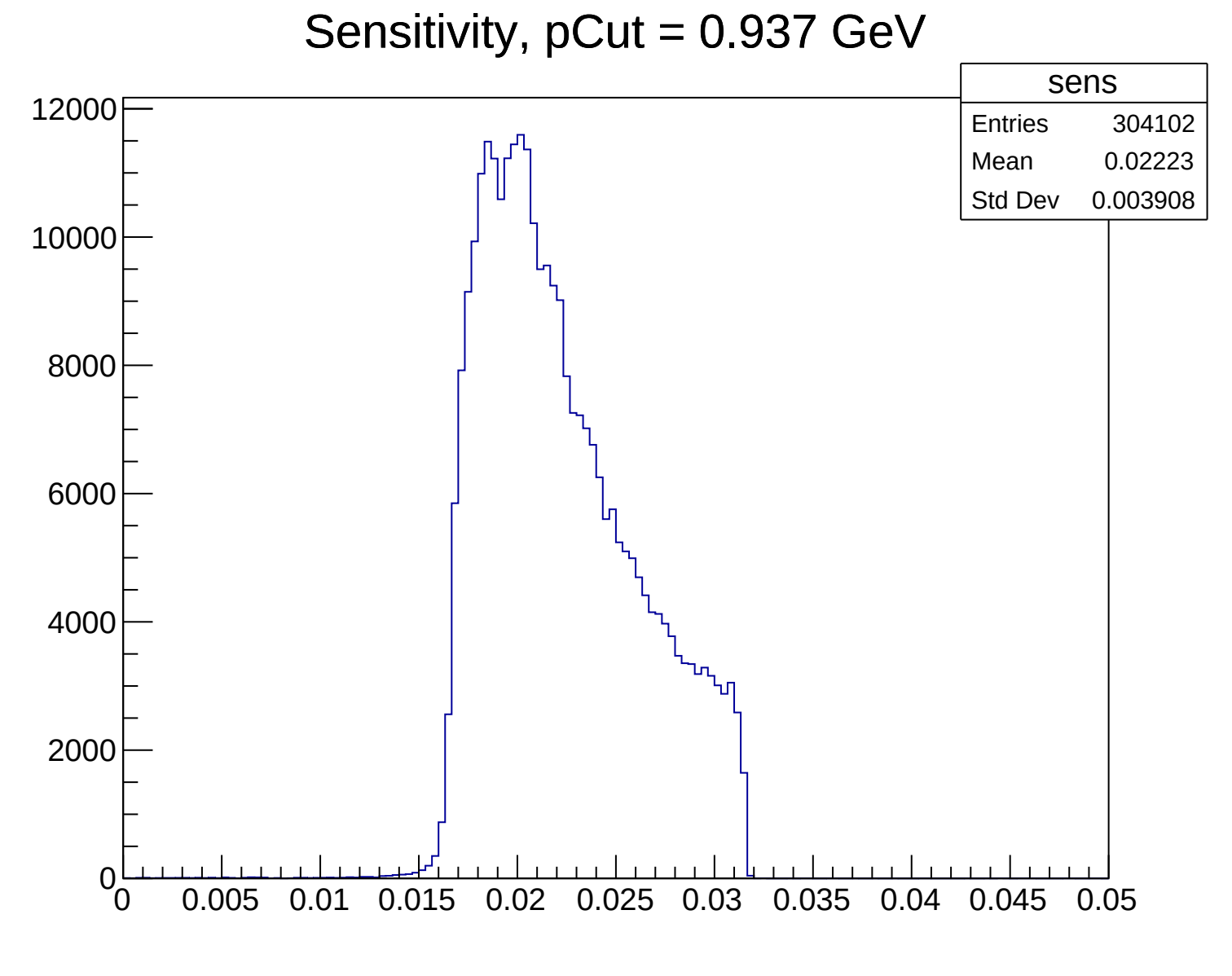

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9370 GeV
R.gold.p (GeV)

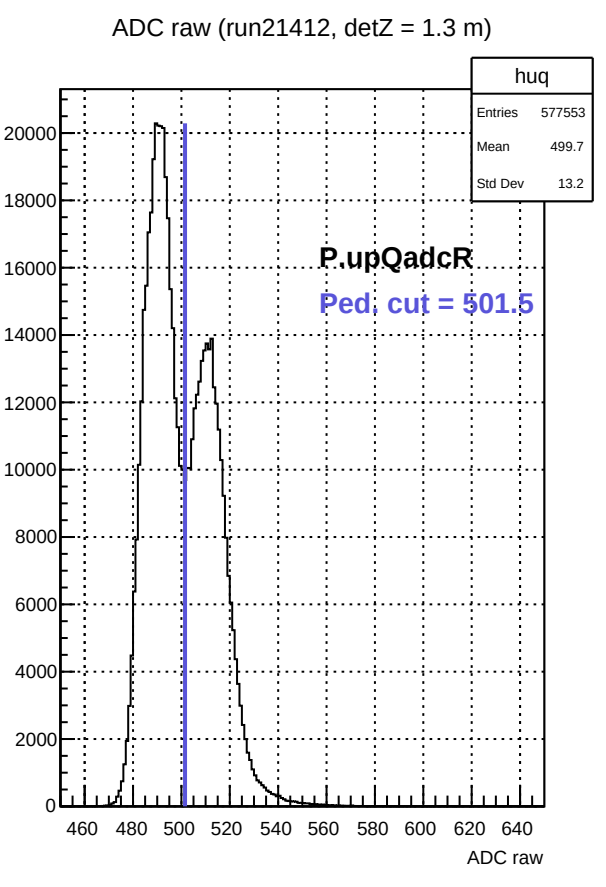

θlab (deg), pCut = 0.937 GeV
Theta
Entries 304102
Mean 4.79
Std Dev 0.4559
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

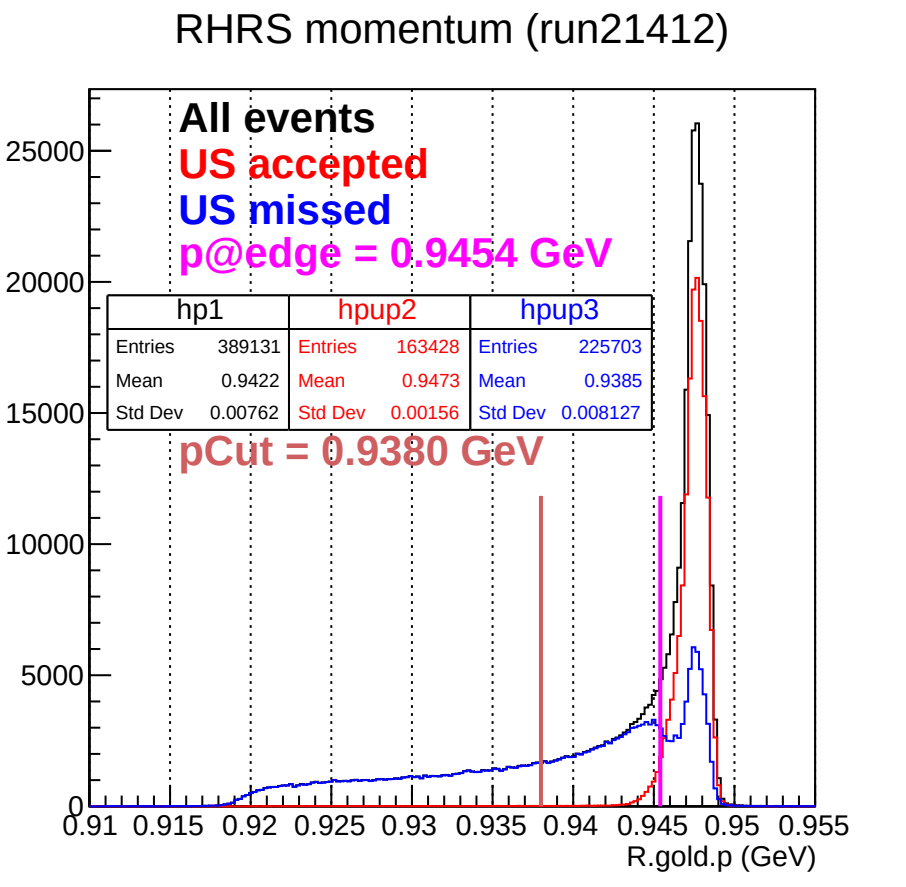

Asymmetry (ppm), pCut = 0.937 GeV
Asym
Entries 304102
Mean 0.5704
Std Dev 0.08056
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

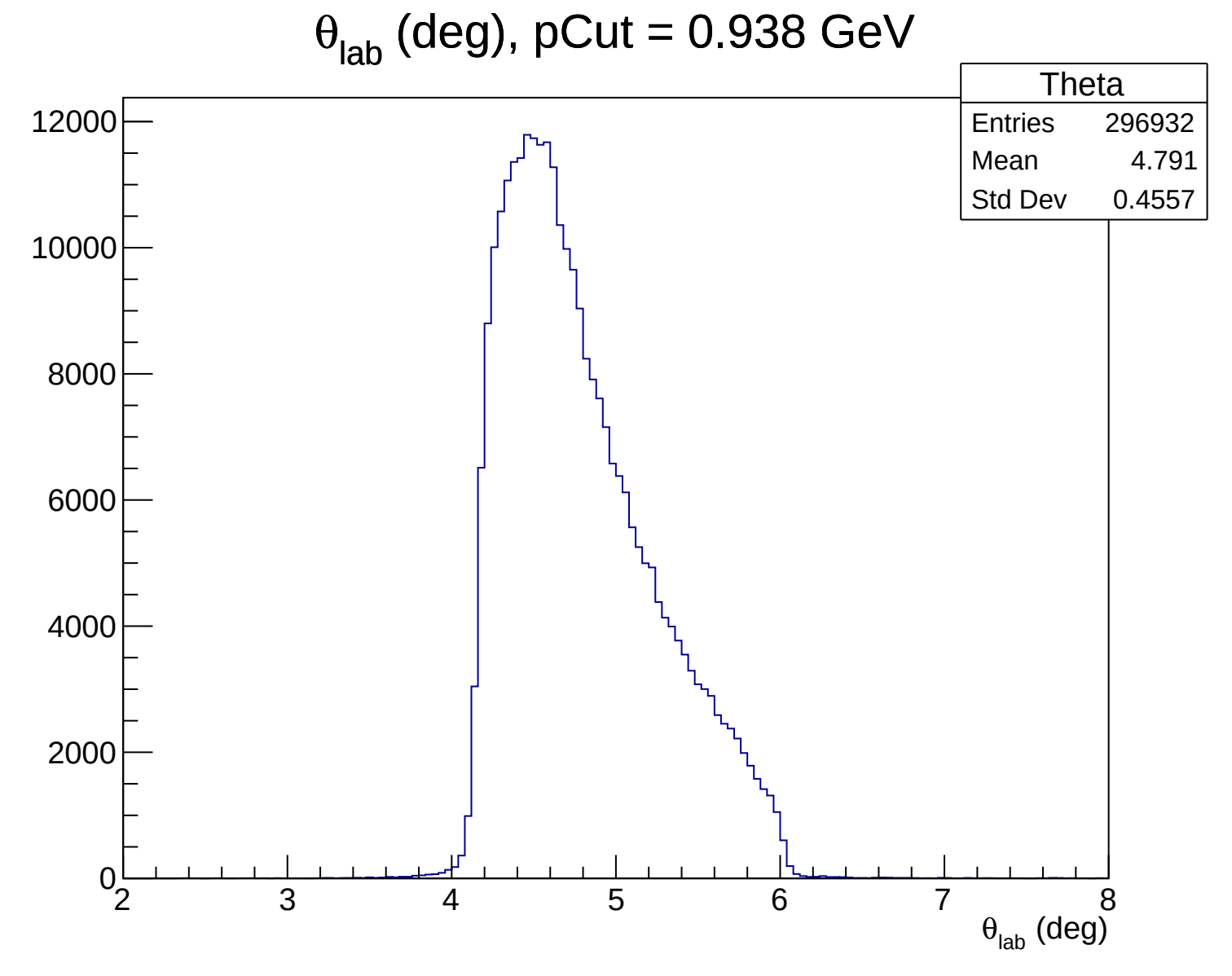

Stretched Asym. (ppm), pCut = 0.937 GeV
SAsym
Entries 304102
Mean 0.5574
Std Dev 0.07682
12000
10000
8000
6000
4000
2000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

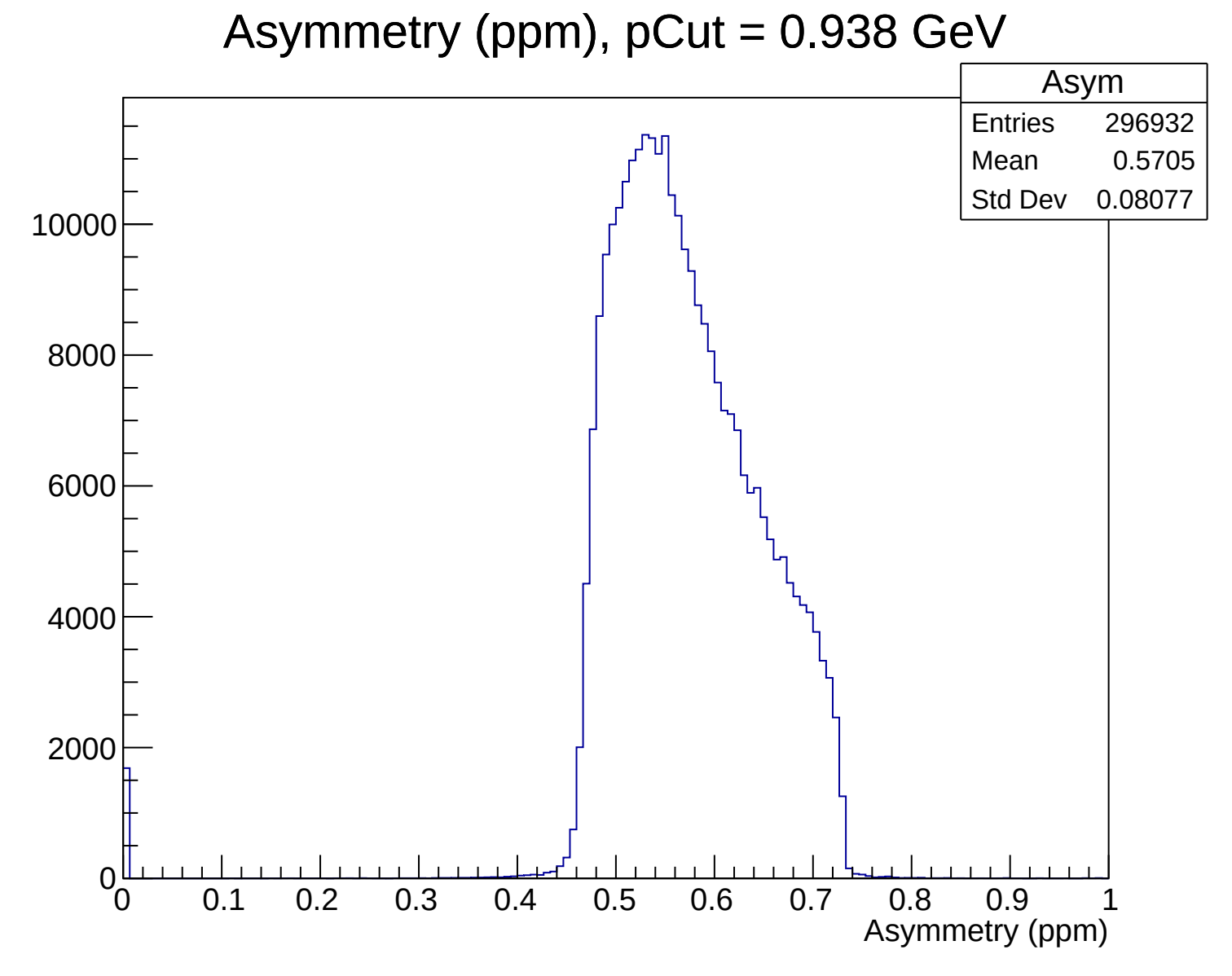

Q^2 (GeV/c)^2, pCut = 0.937 GeV
Q2
Entries 304102
Mean 0.006331
Std Dev 0.001231
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

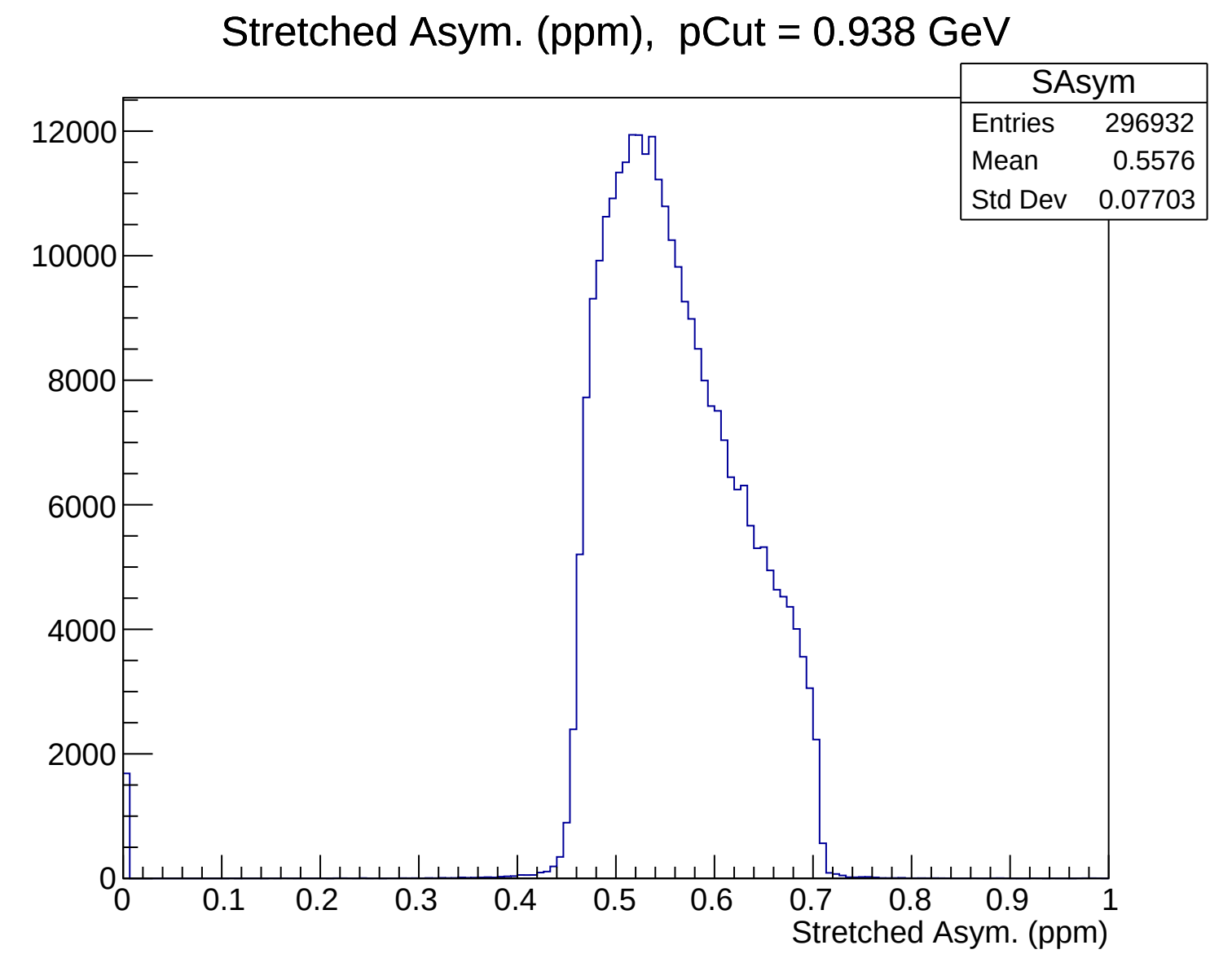

Sensitivity, pCut = 0.937 GeV
sens
Entries 304102
Mean 0.02223
Std Dev 0.003908
12000
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

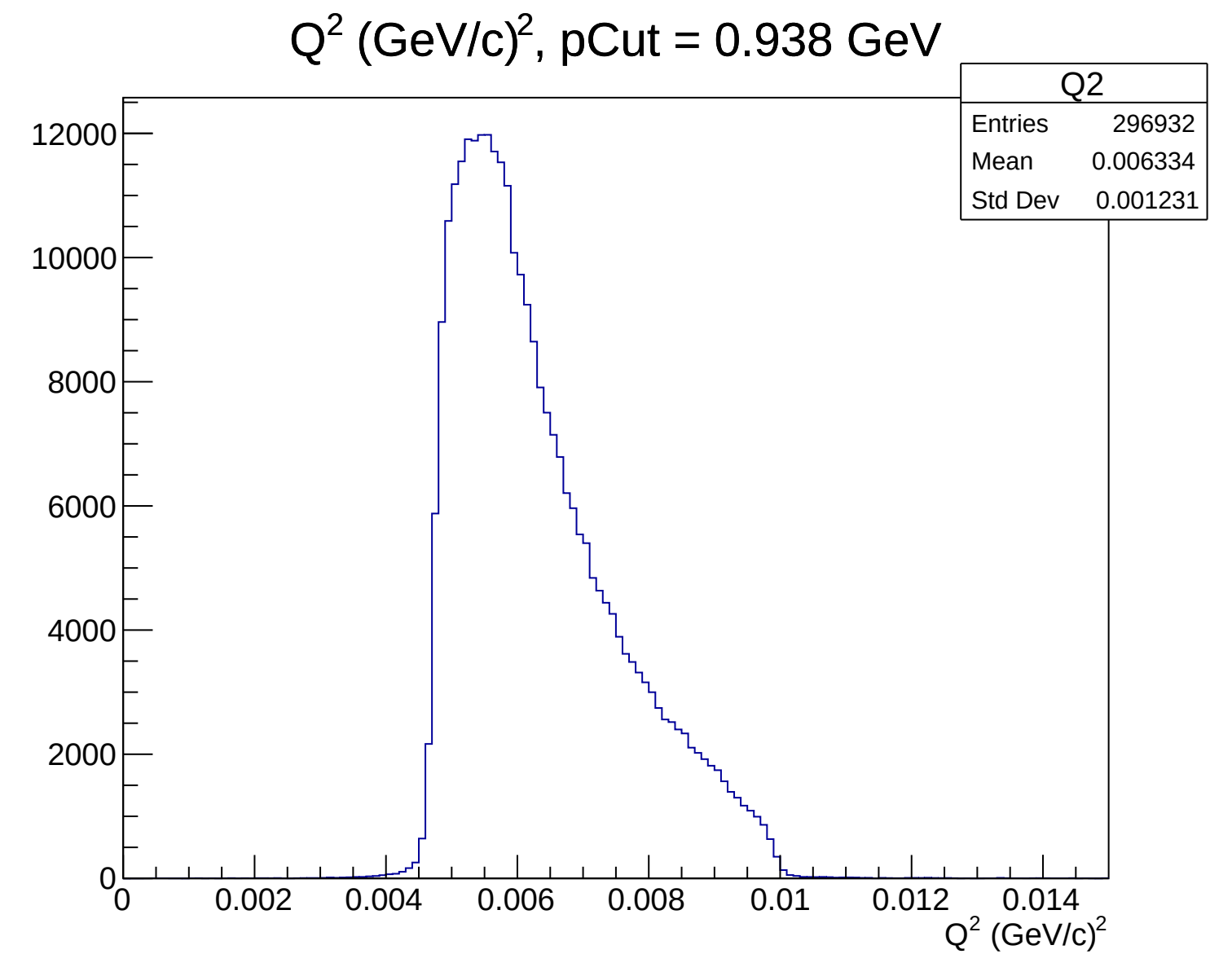

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

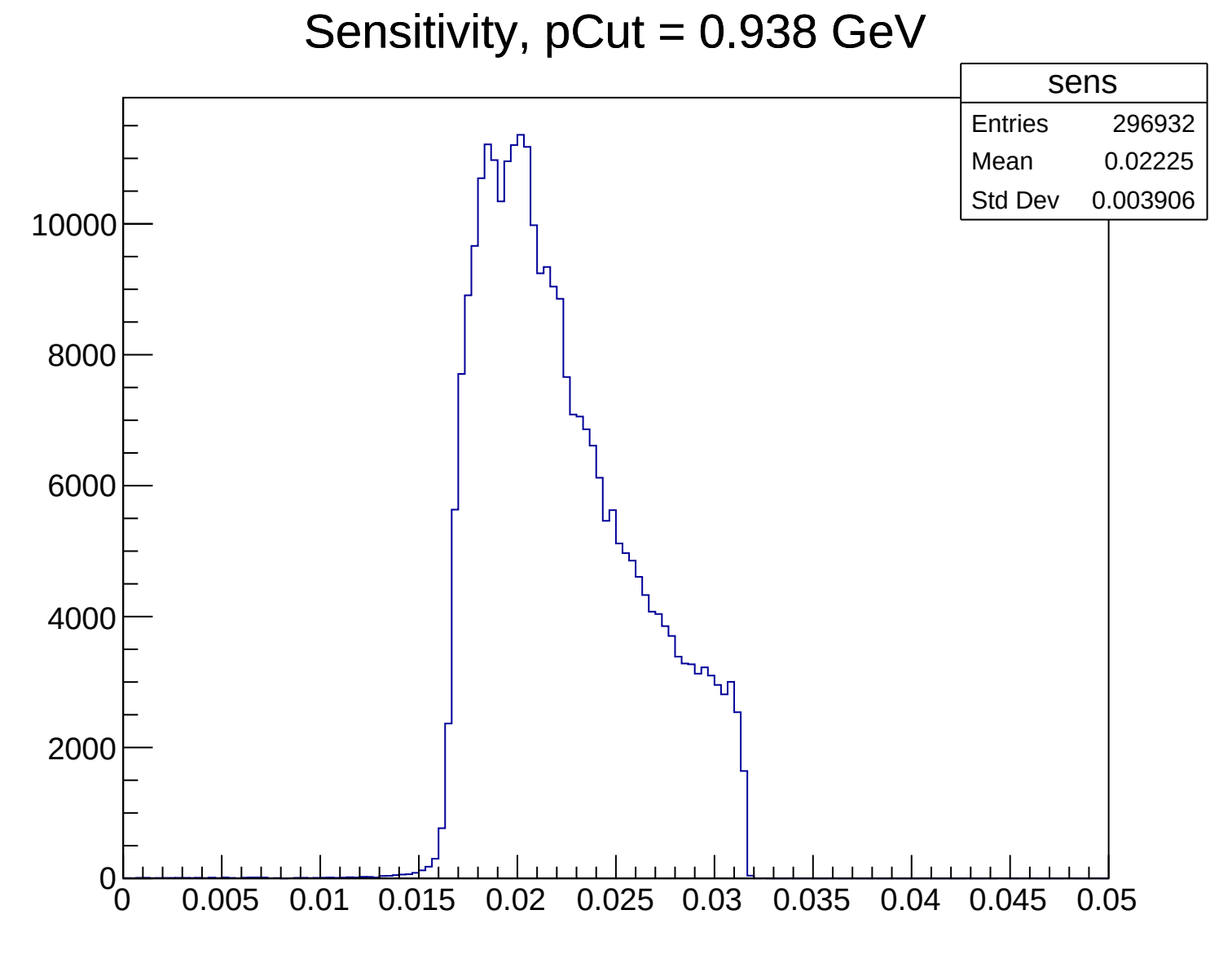

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9380 GeV
R.gold.p (GeV)

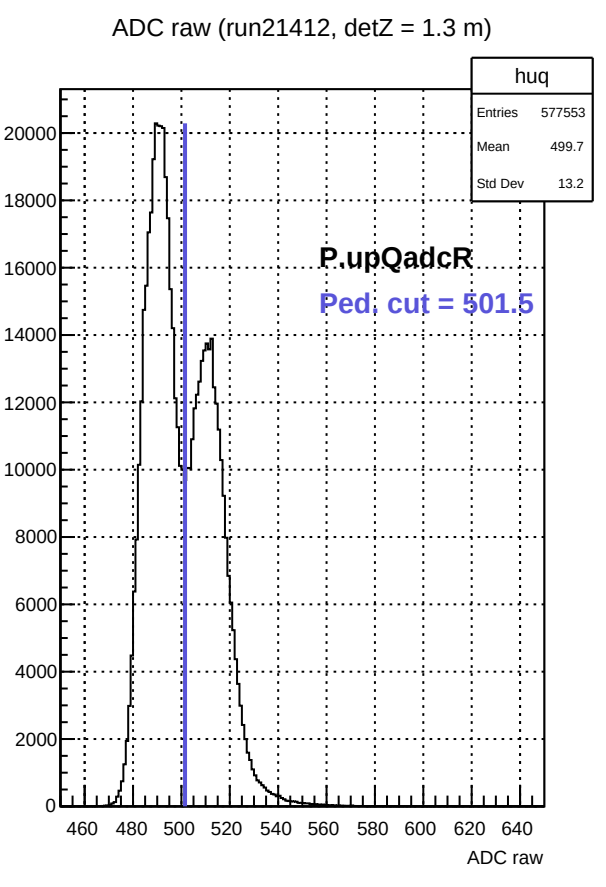

θlab (deg), pCut = 0.938 GeV
Theta
Entries 296932
Mean 4.791
Std Dev 0.4557
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

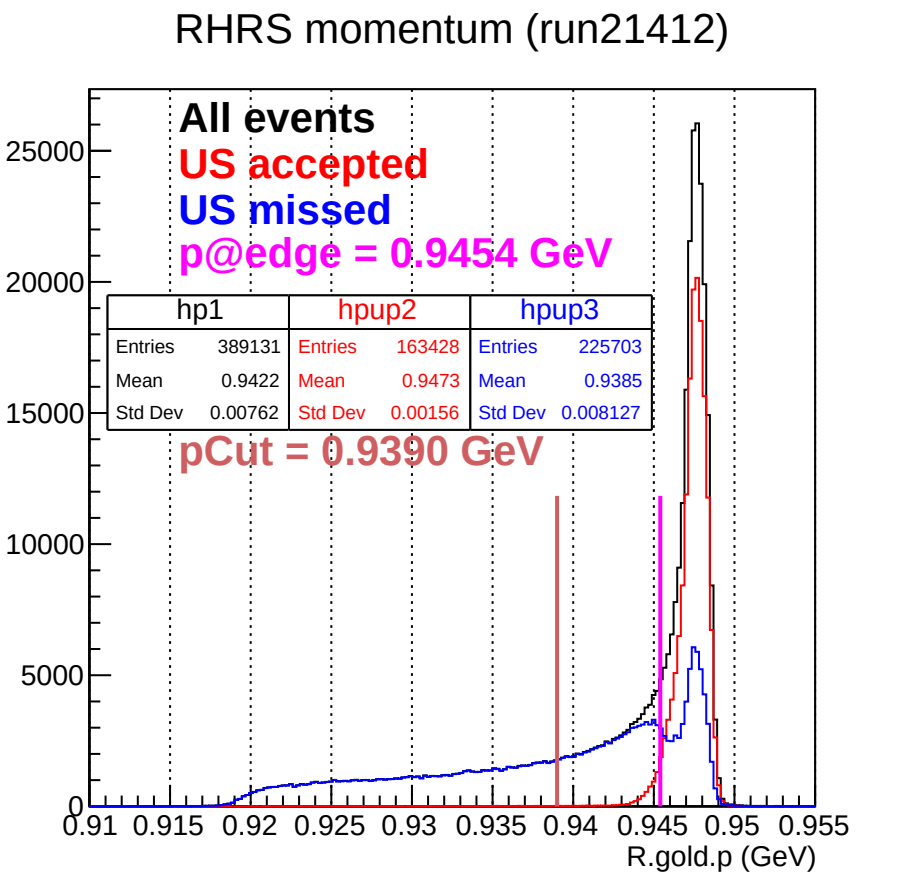

Asymmetry (ppm), pCut = 0.938 GeV
Asym
Entries 296932
Mean 0.5705
Std Dev 0.08077
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

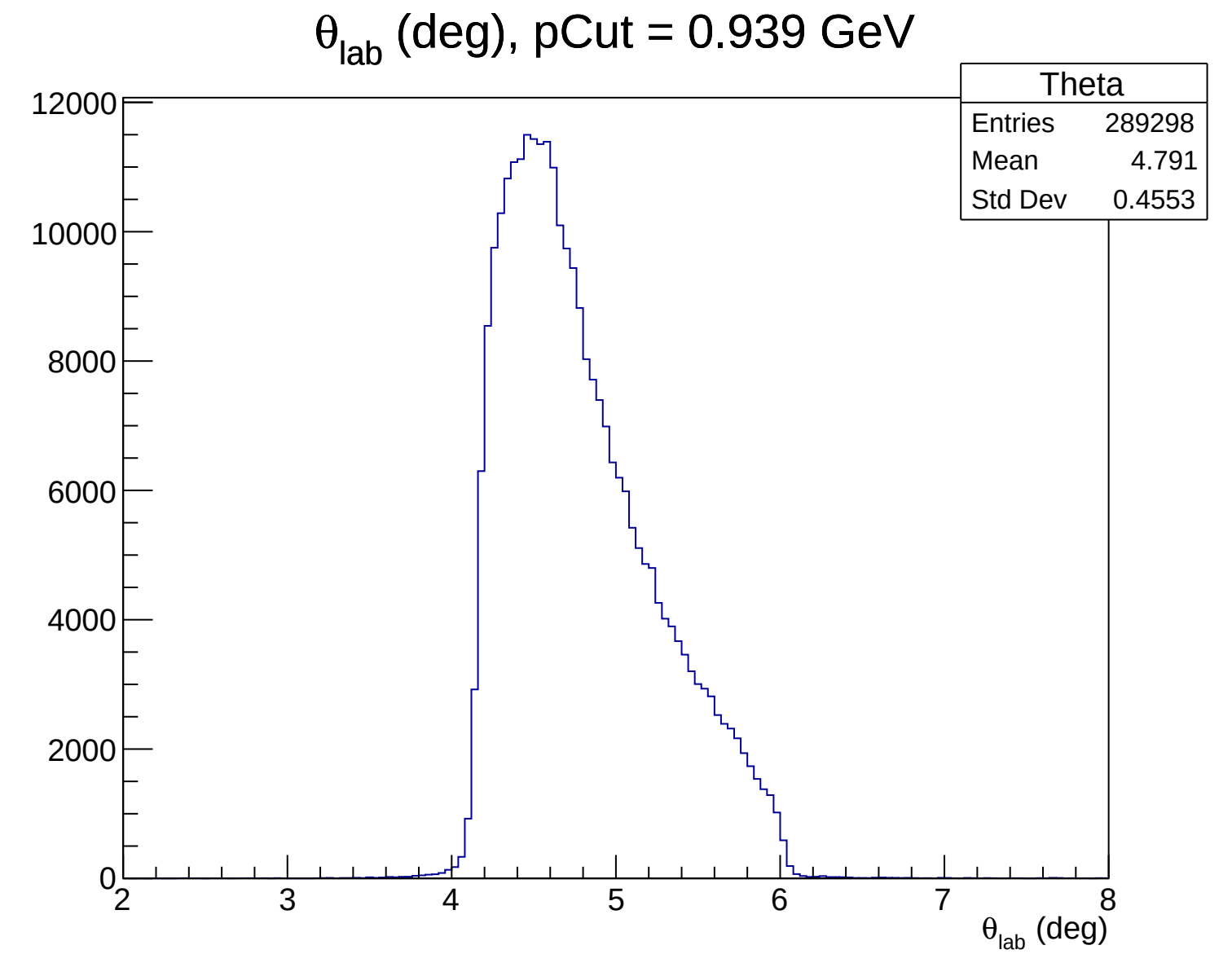

Stretched Asym. (ppm), pCut = 0.938 GeV
SAsym
Entries 296932
Mean 0.5576
Std Dev 0.07703
12000
10000
8000
6000
4000
2000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

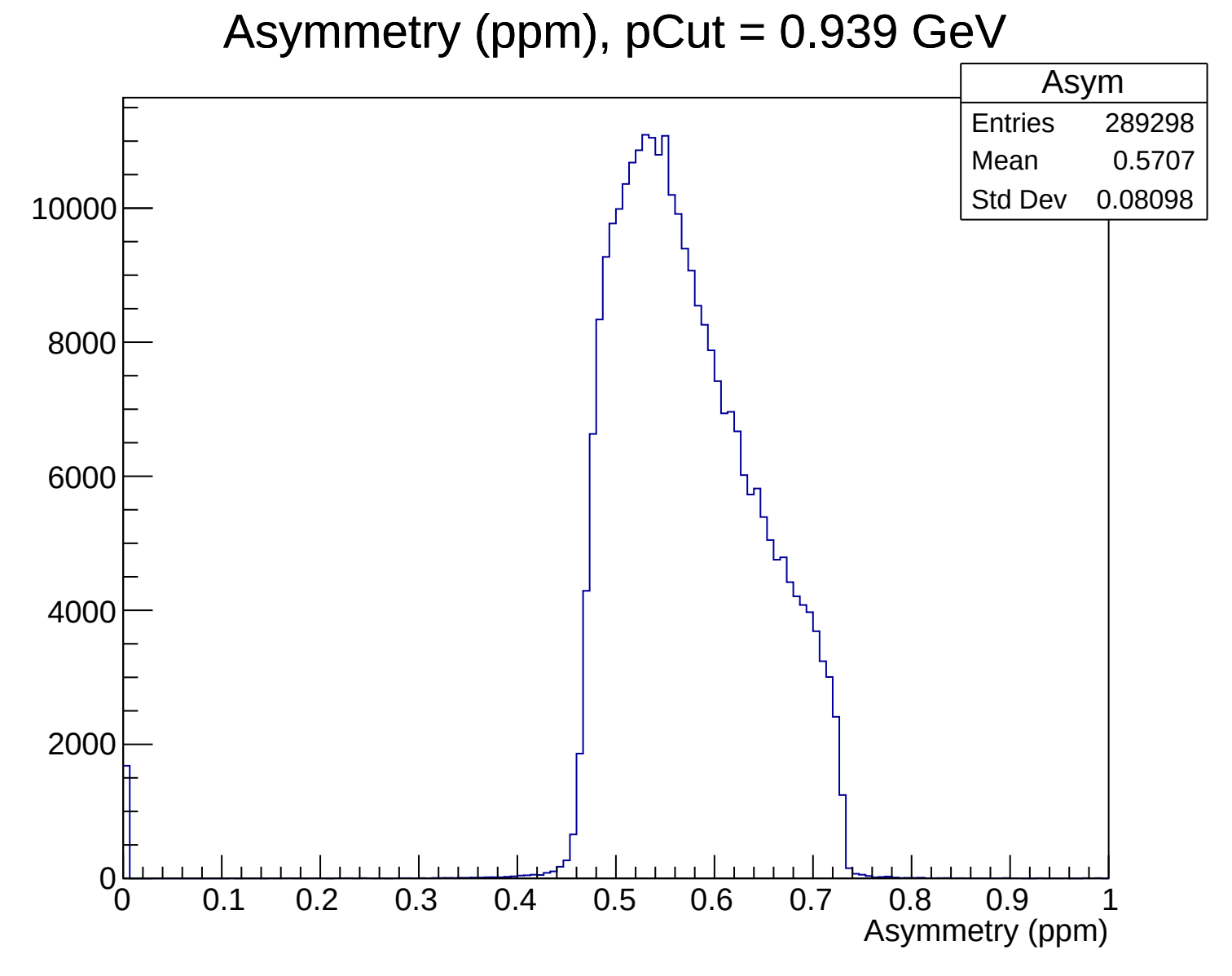

Q^2 (GeV/c)^2, pCut = 0.938 GeV
Q2
Entries 296932
Mean 0.006334
Std Dev 0.001231
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

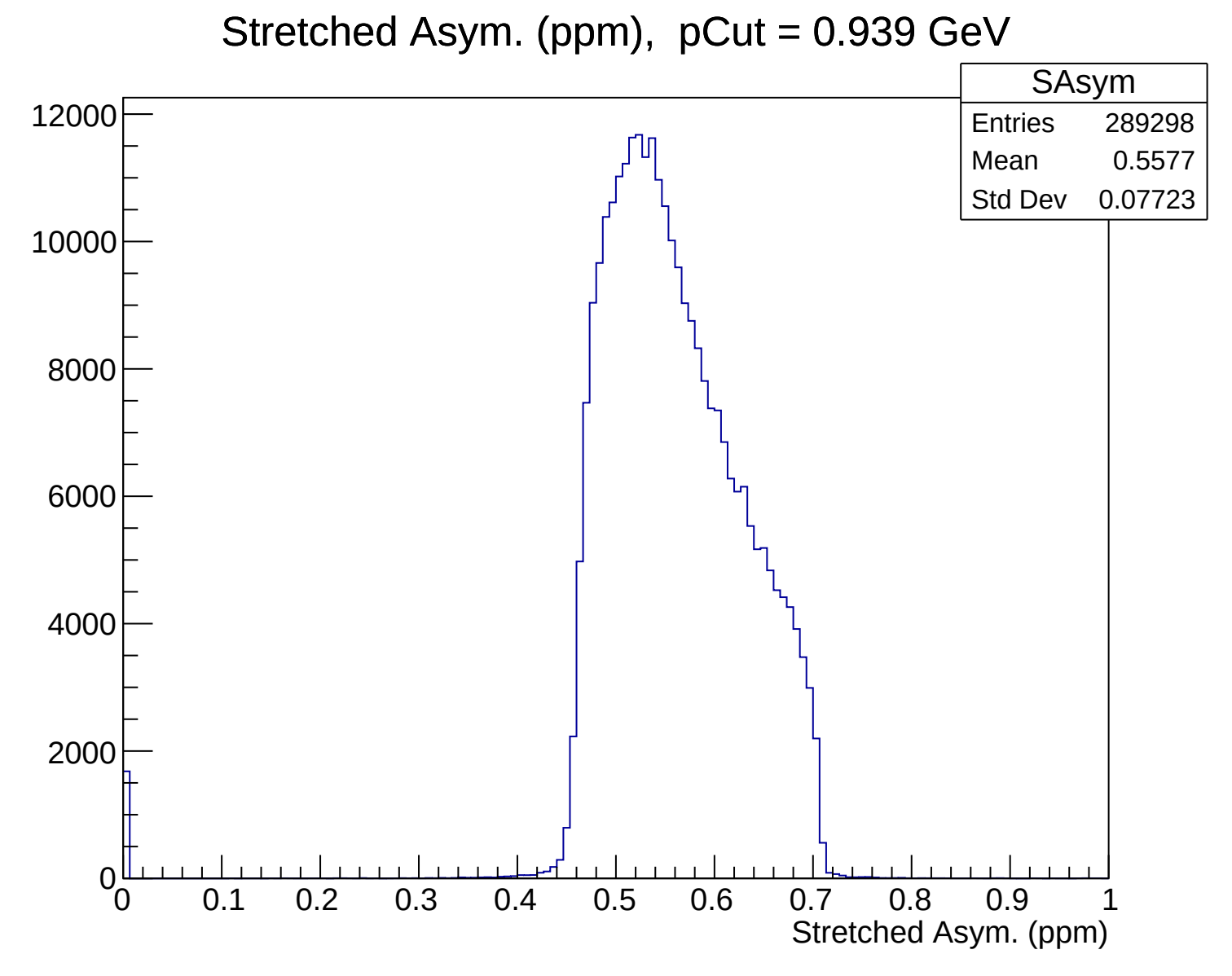

Sensitivity, pCut = 0.938 GeV
sens
Entries 296932
Mean 0.02225
Std Dev 0.003906
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

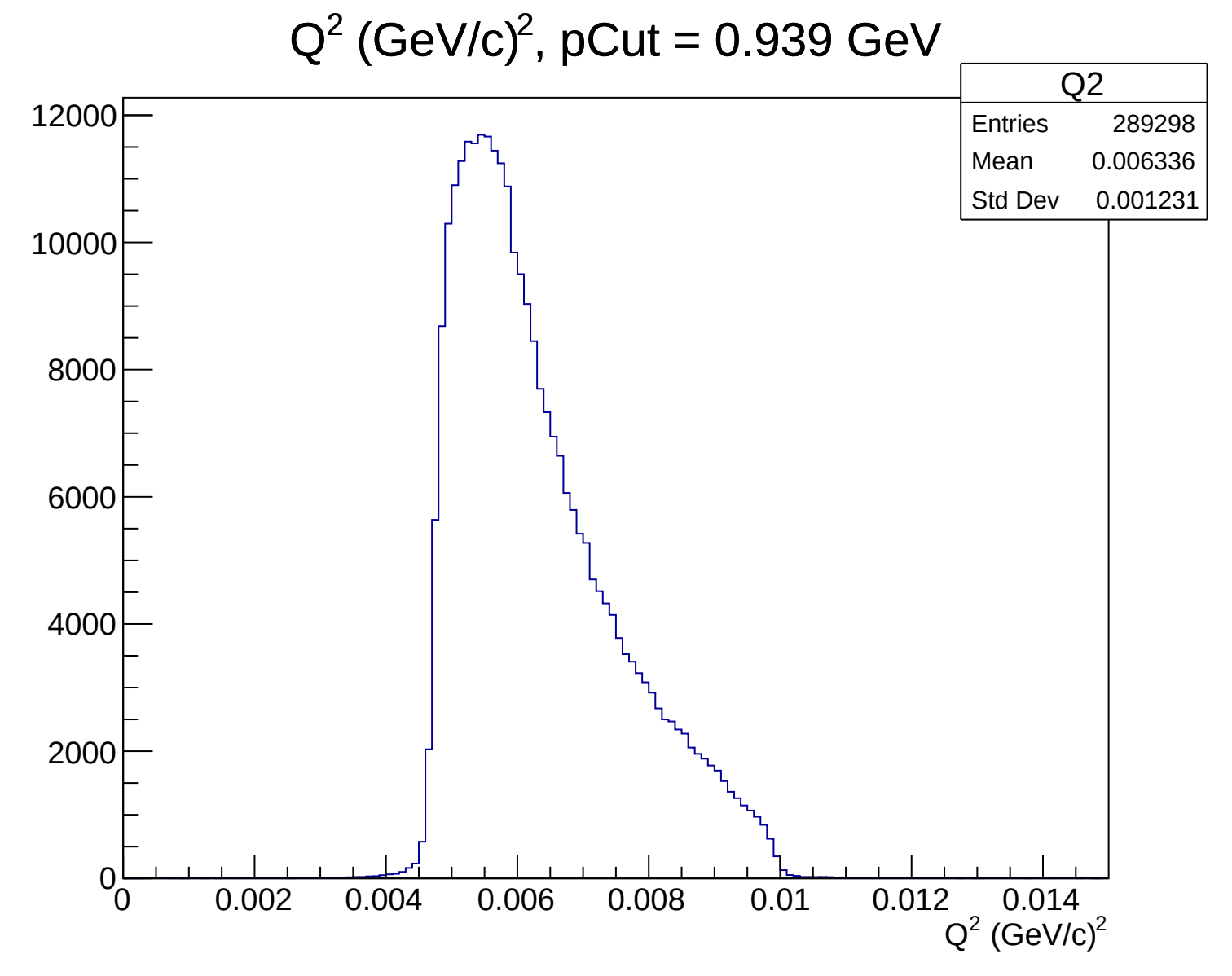

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

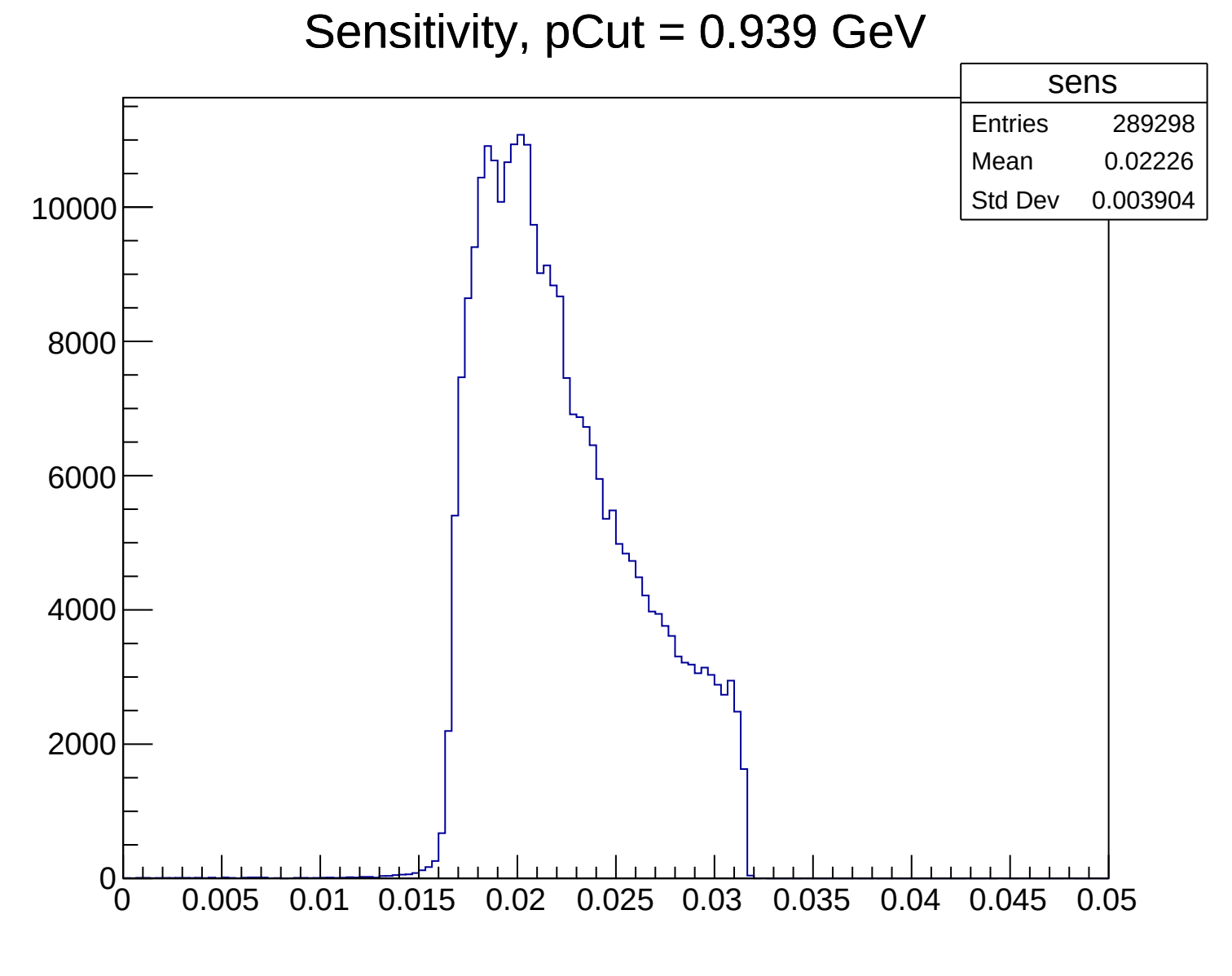

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9390 GeV
R.gold.p (GeV)

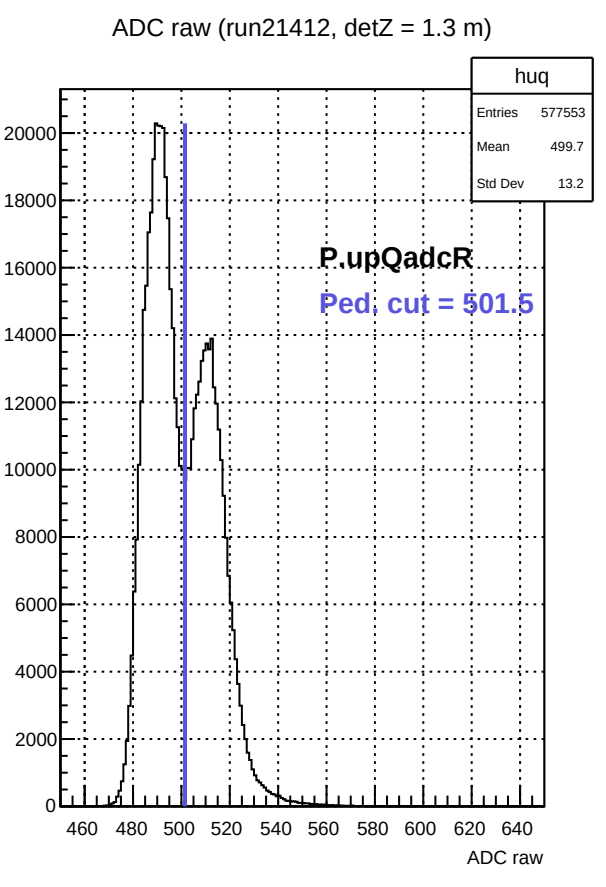

θlab (deg), pCut = 0.939 GeV
Theta
Entries 289298
Mean 4.791
Std Dev 0.4553
12000
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

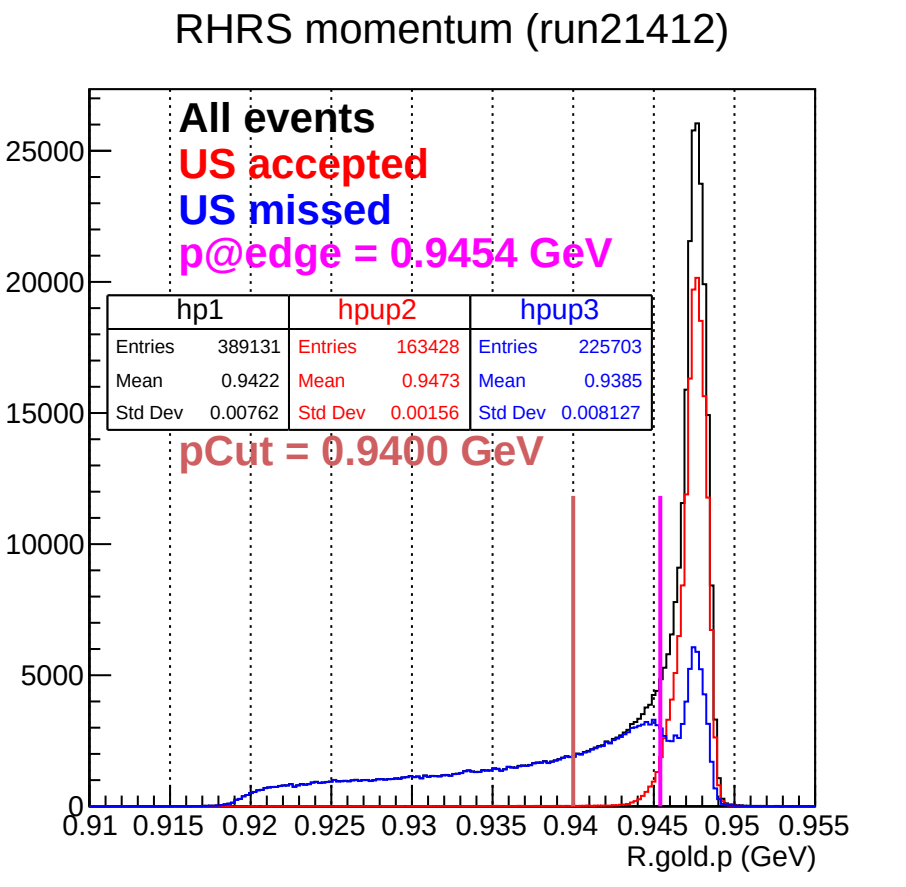

Asymmetry (ppm), pCut = 0.939 GeV
Asym
Entries 289298
Mean 0.5707
Std Dev 0.08098
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

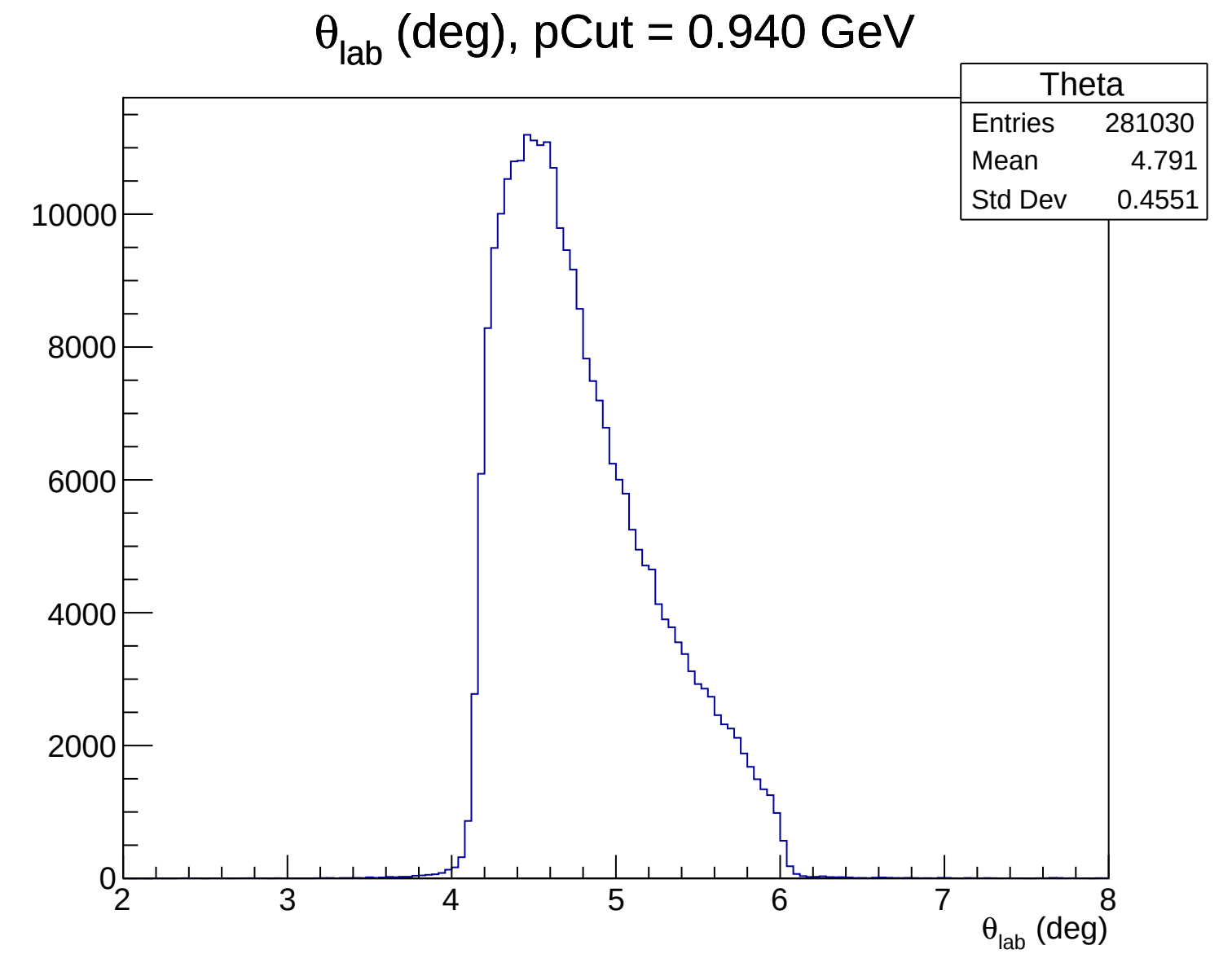

Stretched Asym. (ppm), pCut = 0.939 GeV
SAsym
Entries 289298
Mean 0.5577
Std Dev 0.07723
12000
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

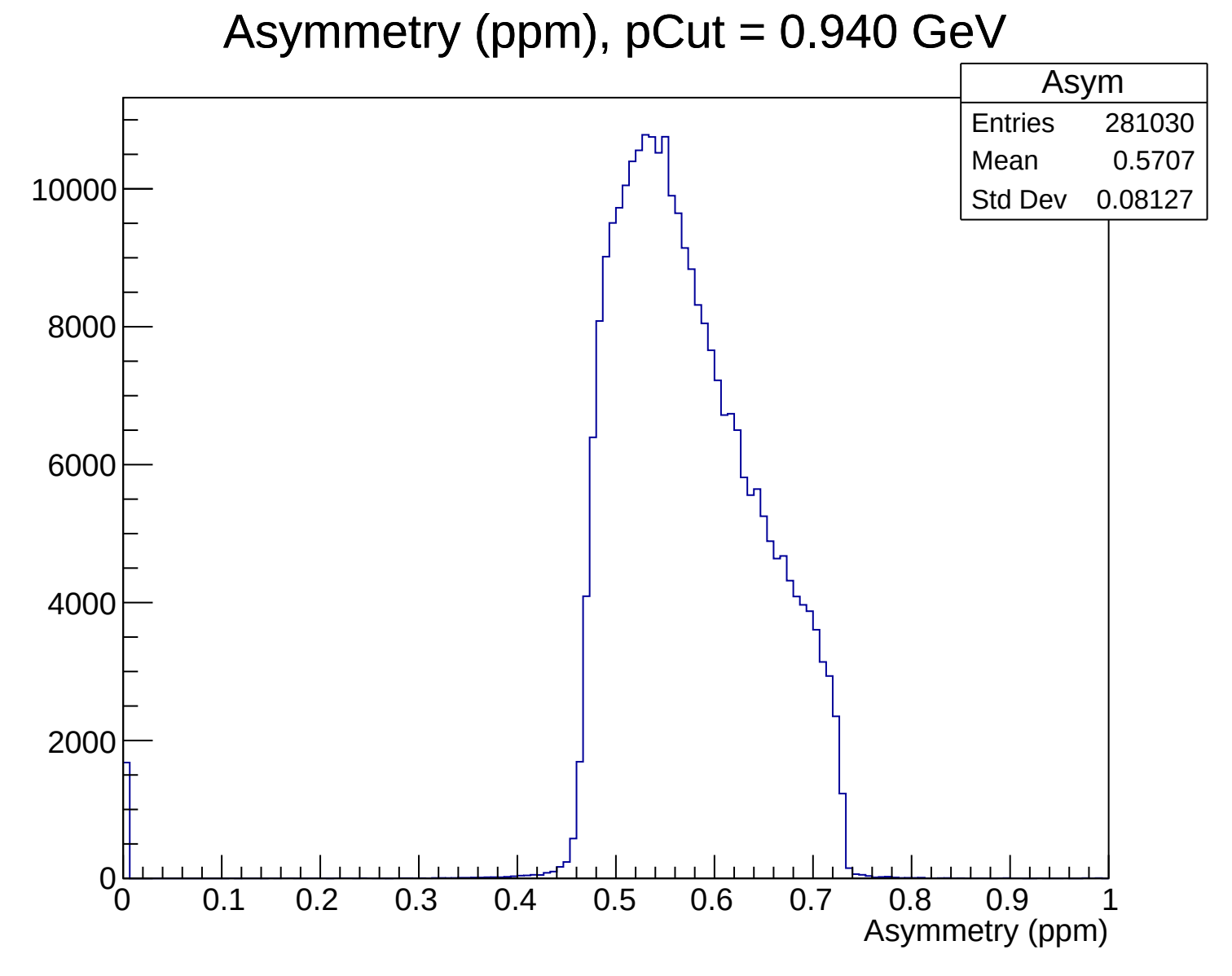

Q^2 (GeV/c)^2, pCut = 0.939 GeV
Q2
Entries 289298
Mean 0.006336
Std Dev 0.001231
12000
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

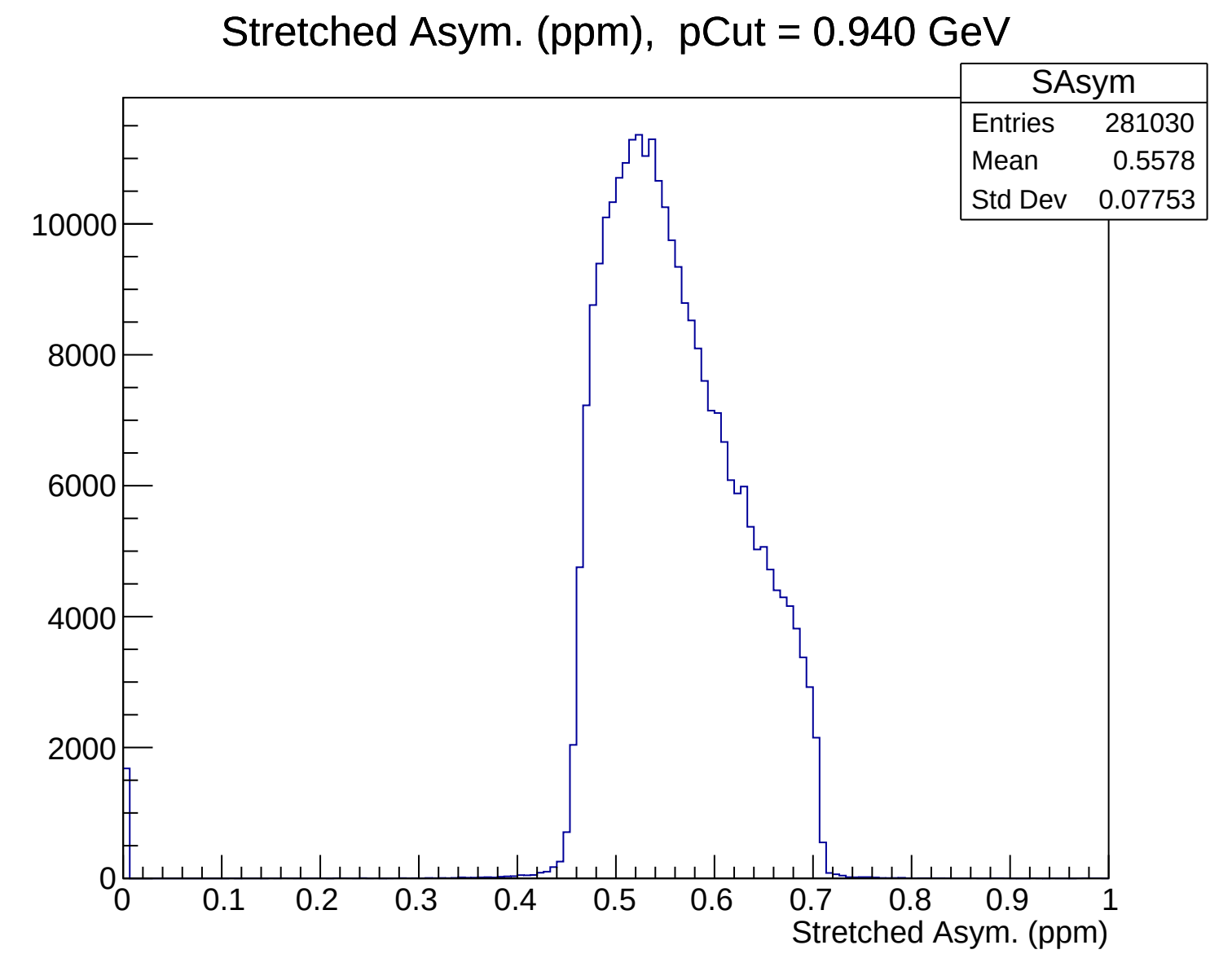

Sensitivity, pCut = 0.939 GeV
sens
Entries 289298
Mean 0.02226
Std Dev 0.003904
10000
8000
6000
4000
2000
0
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

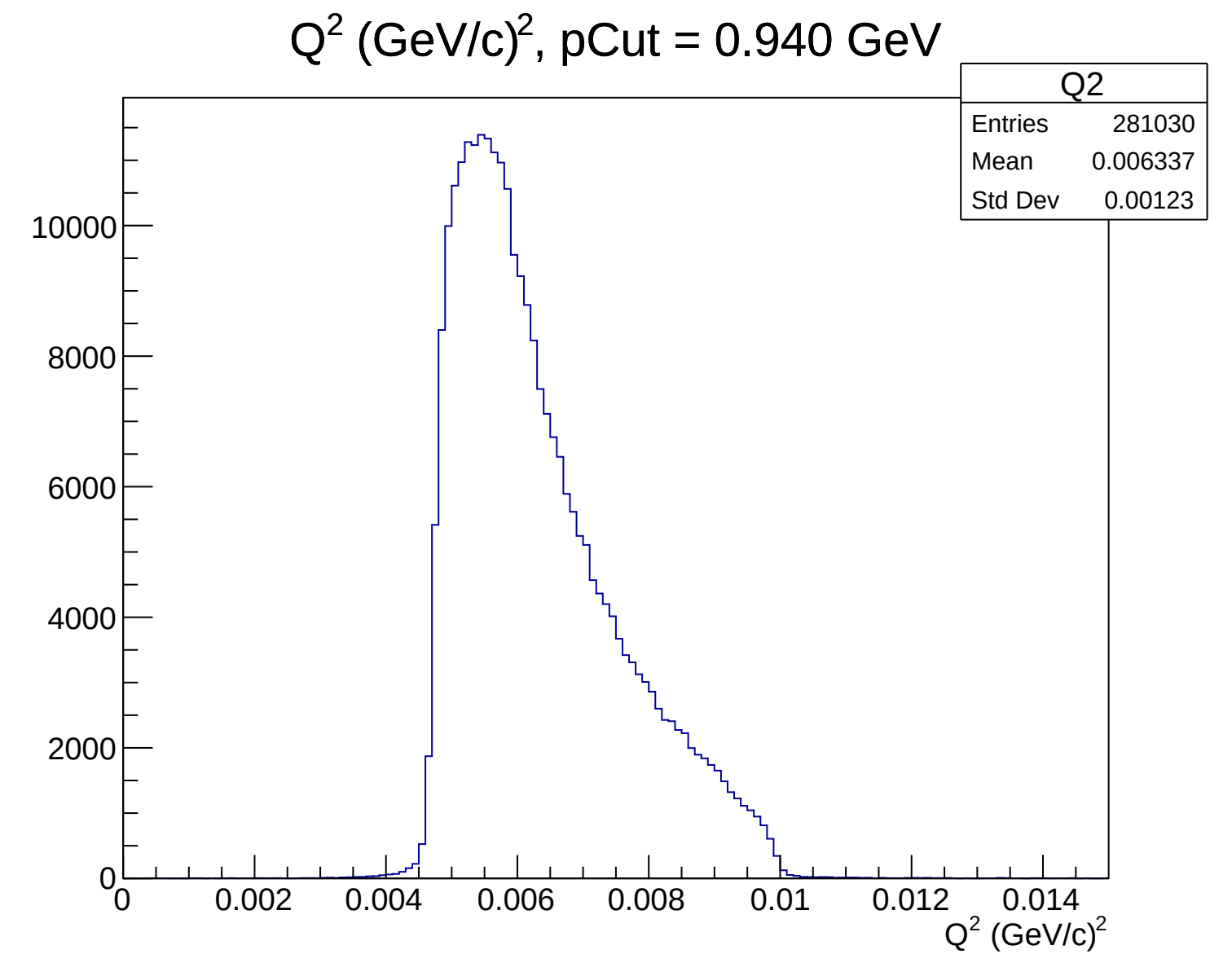

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

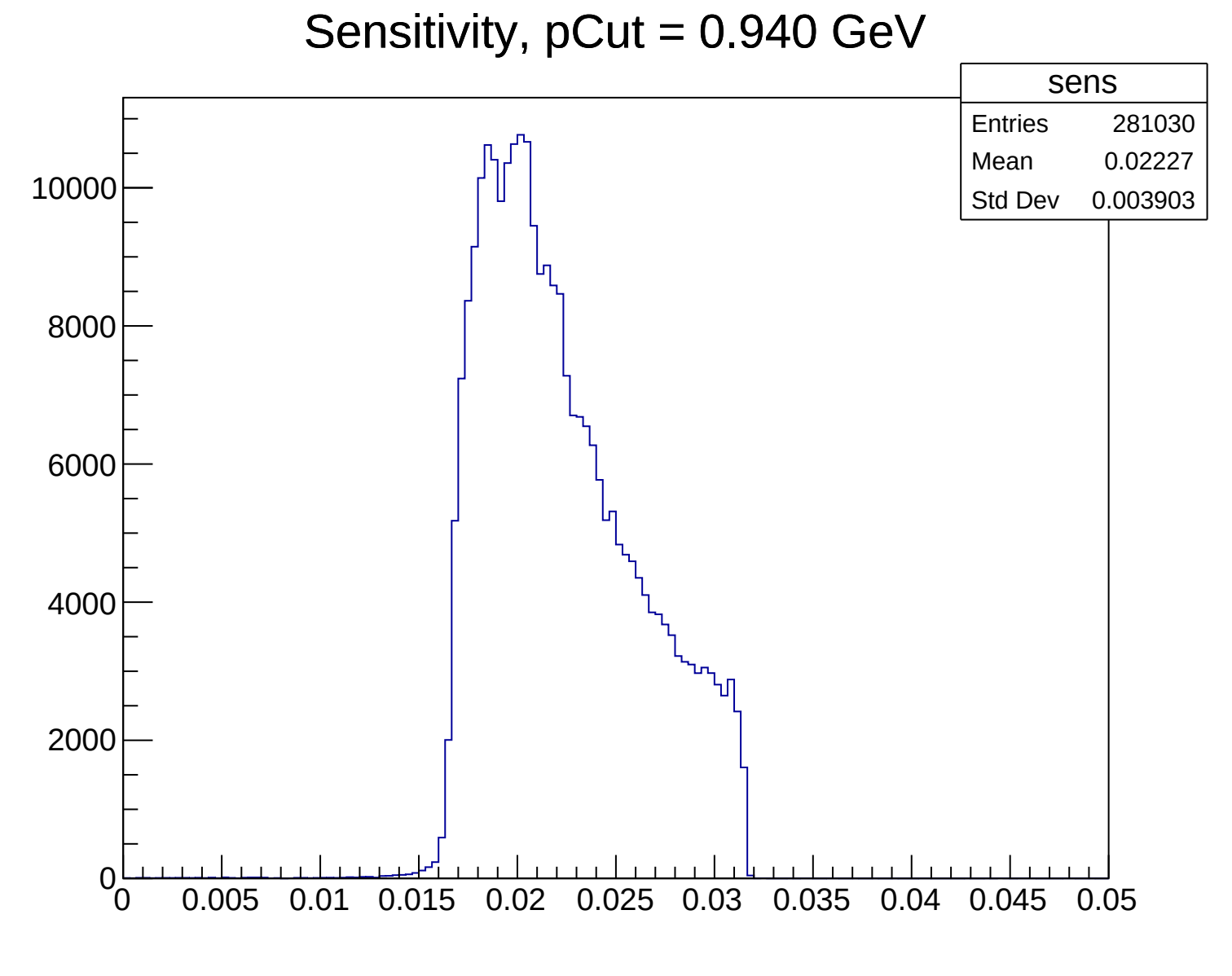

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9400 GeV
R.gold.p (GeV)

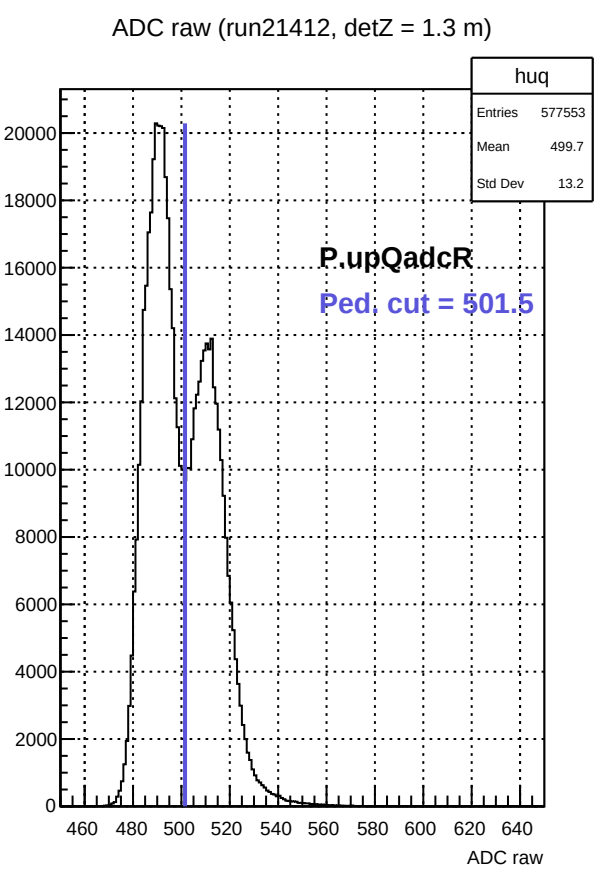

θlab (deg), pCut = 0.940 GeV
Theta
Entries 281030
Mean 4.791
Std Dev 0.4551
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

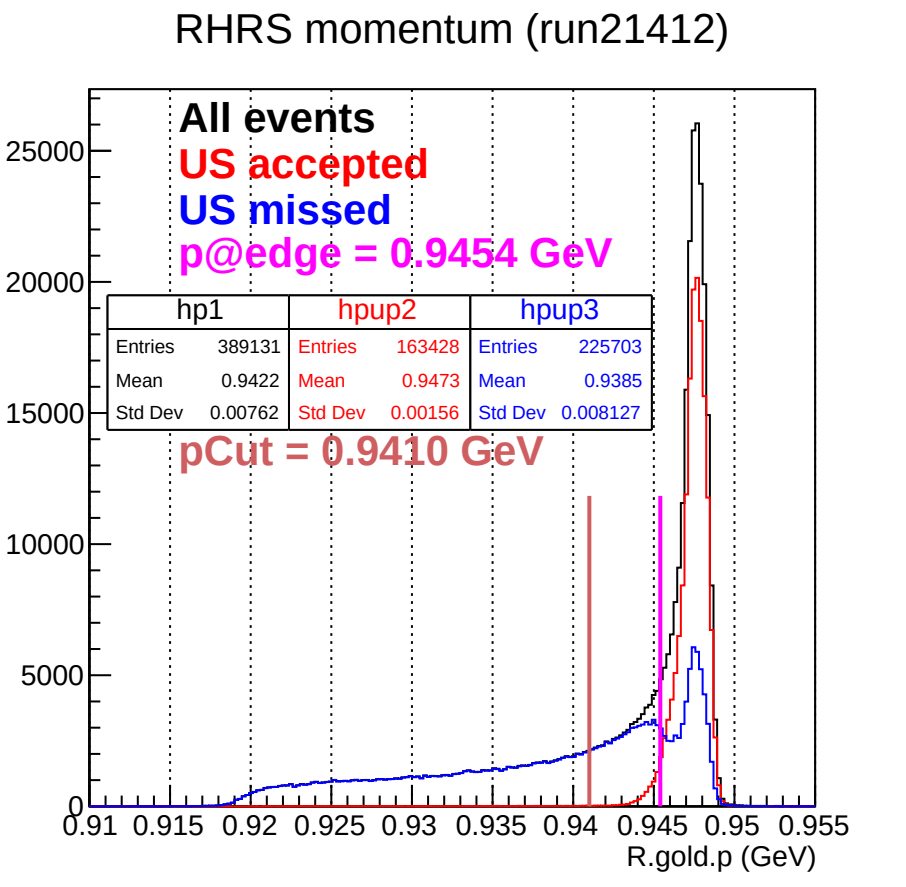

Asymmetry (ppm), pCut = 0.940 GeV
Asym
Entries 281030
Mean 0.5707
Std Dev 0.08127
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

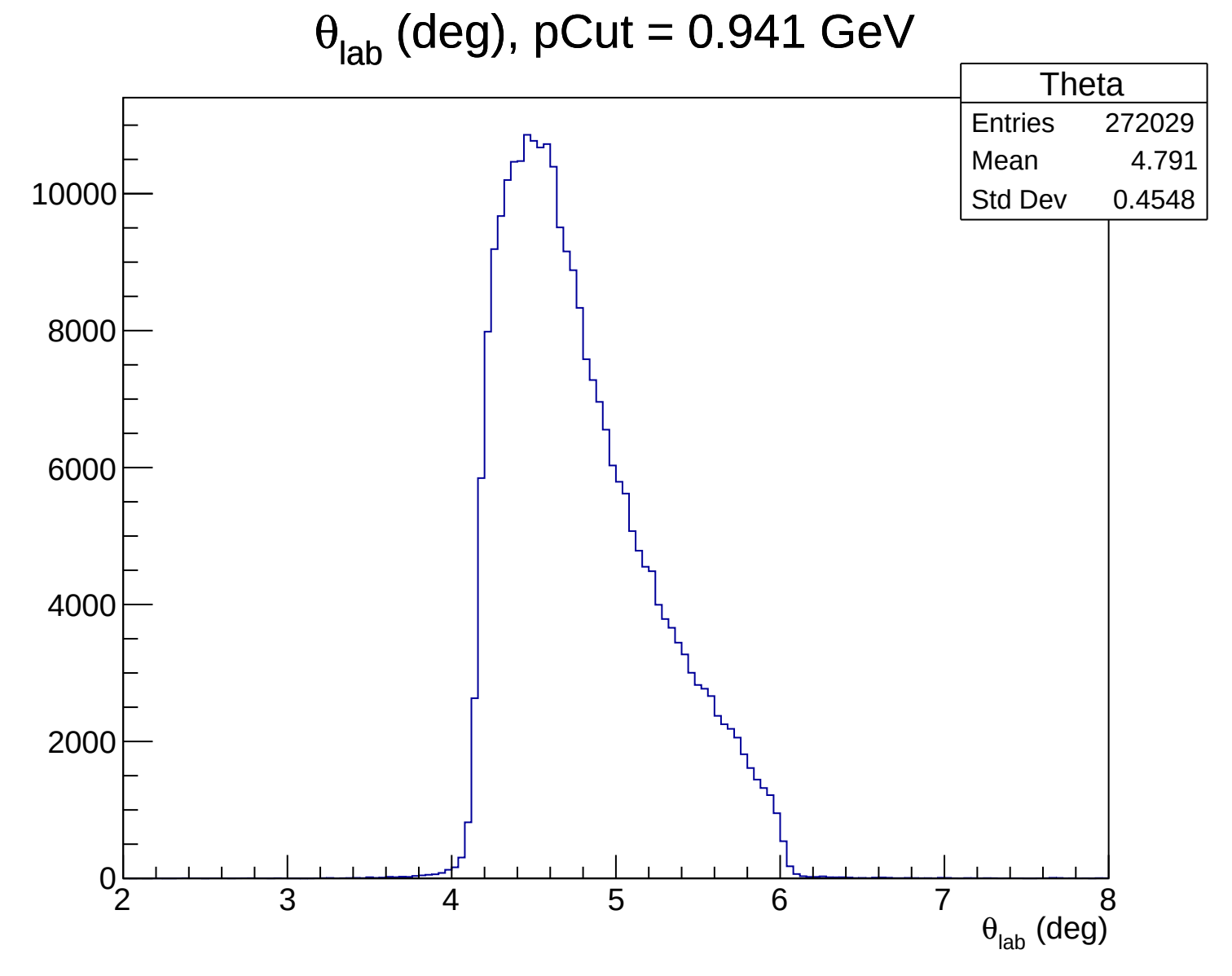

Stretched Asym. (ppm), pCut = 0.940 GeV
SAsym
Entries 281030
Mean 0.5578
Std Dev 0.07753
10000
8000
6000
4000
2000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

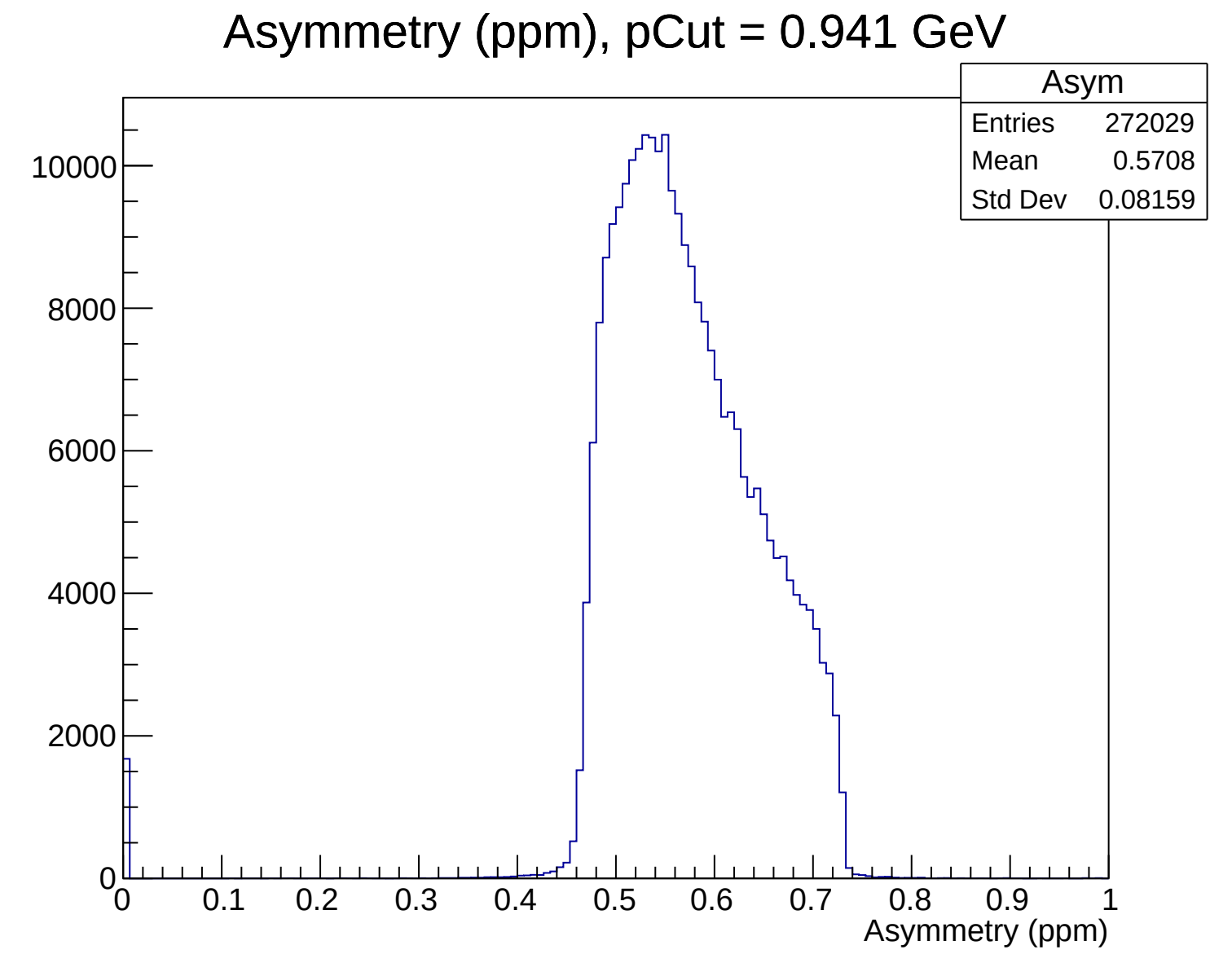

Q^2 (GeV/c)^2, pCut = 0.940 GeV
Q2
Entries 281030
Mean 0.006337
Std Dev 0.00123
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

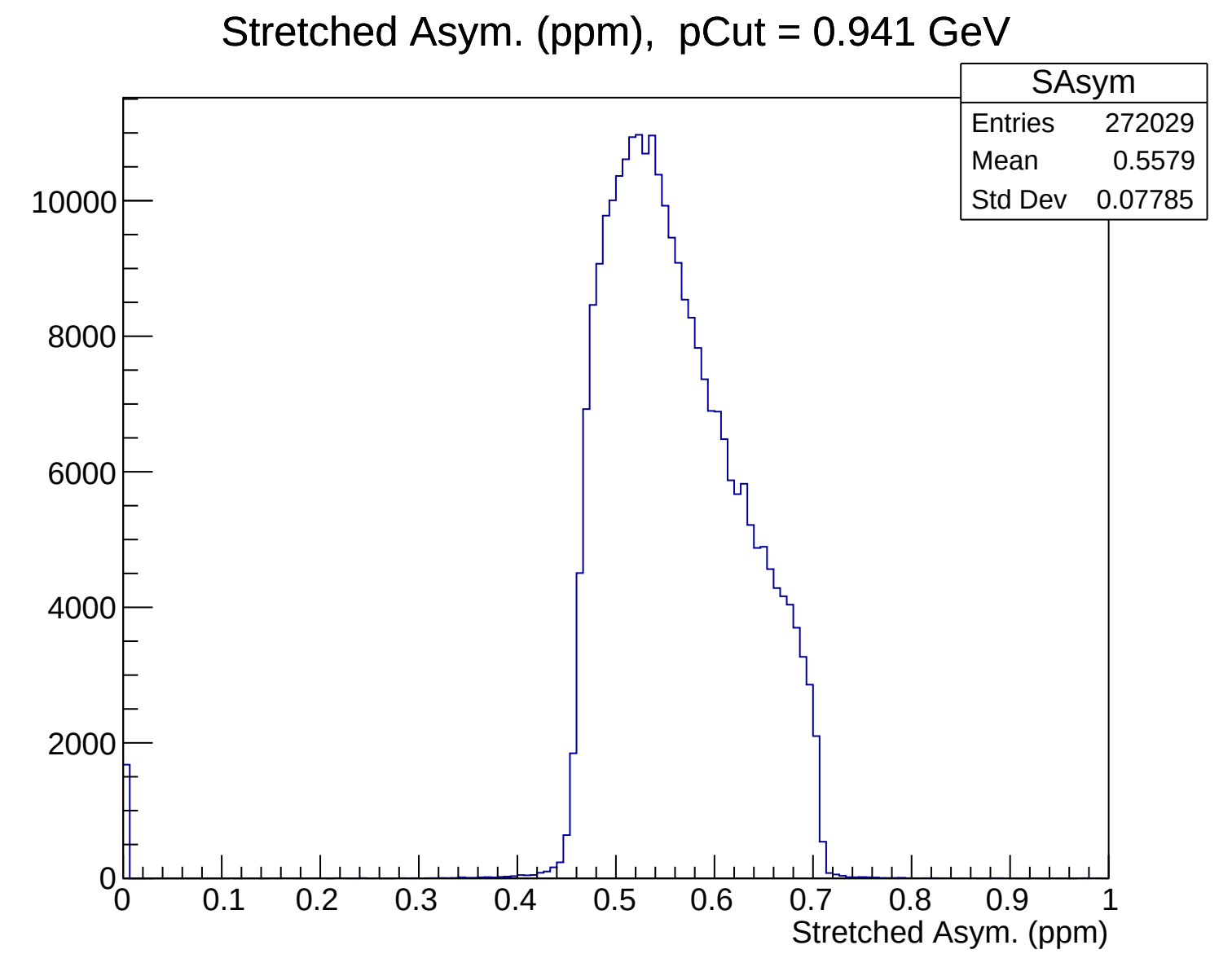

Sensitivity, pCut = 0.940 GeV
sens
Entries 281030
Mean 0.02227
Std Dev 0.003903
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

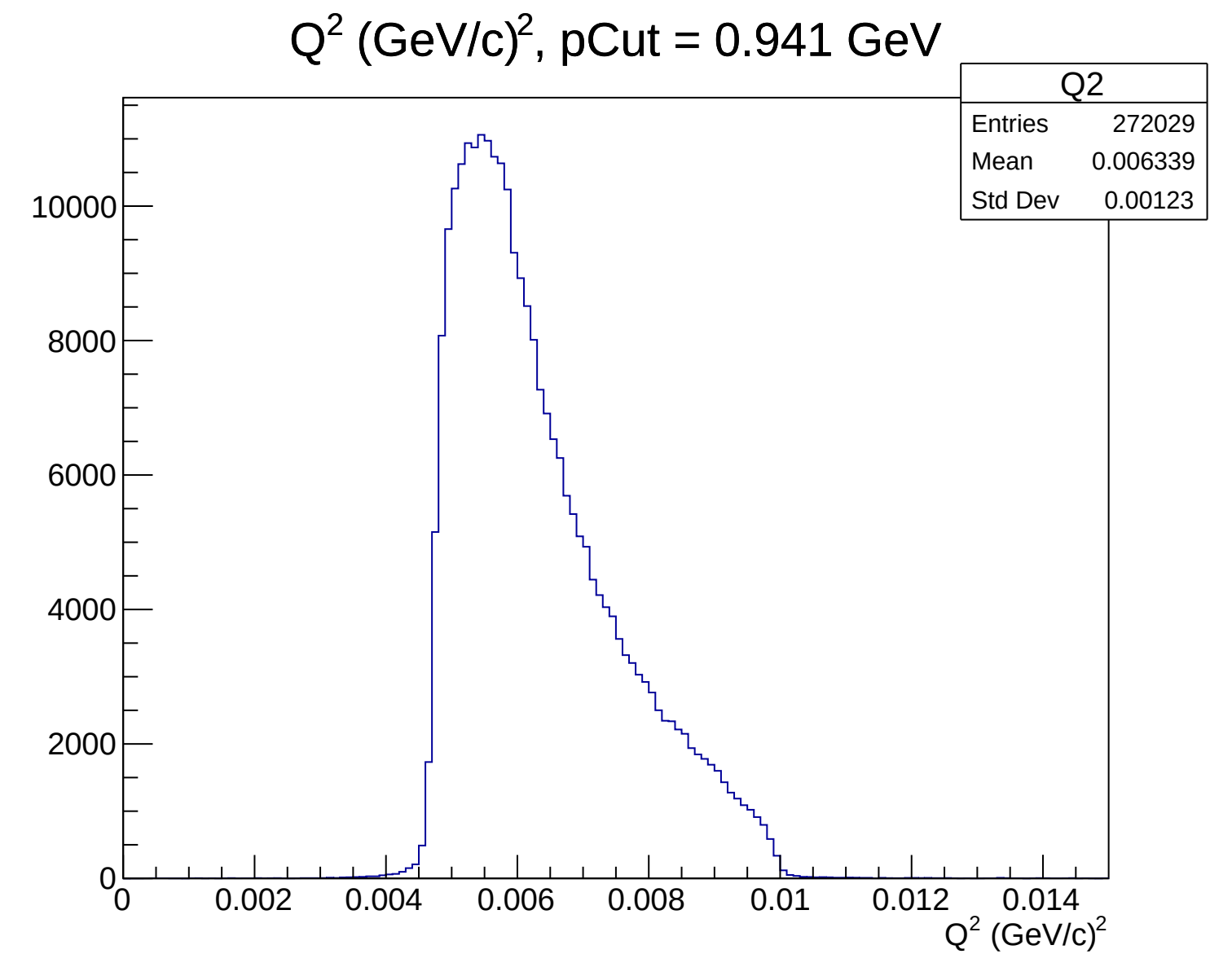

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

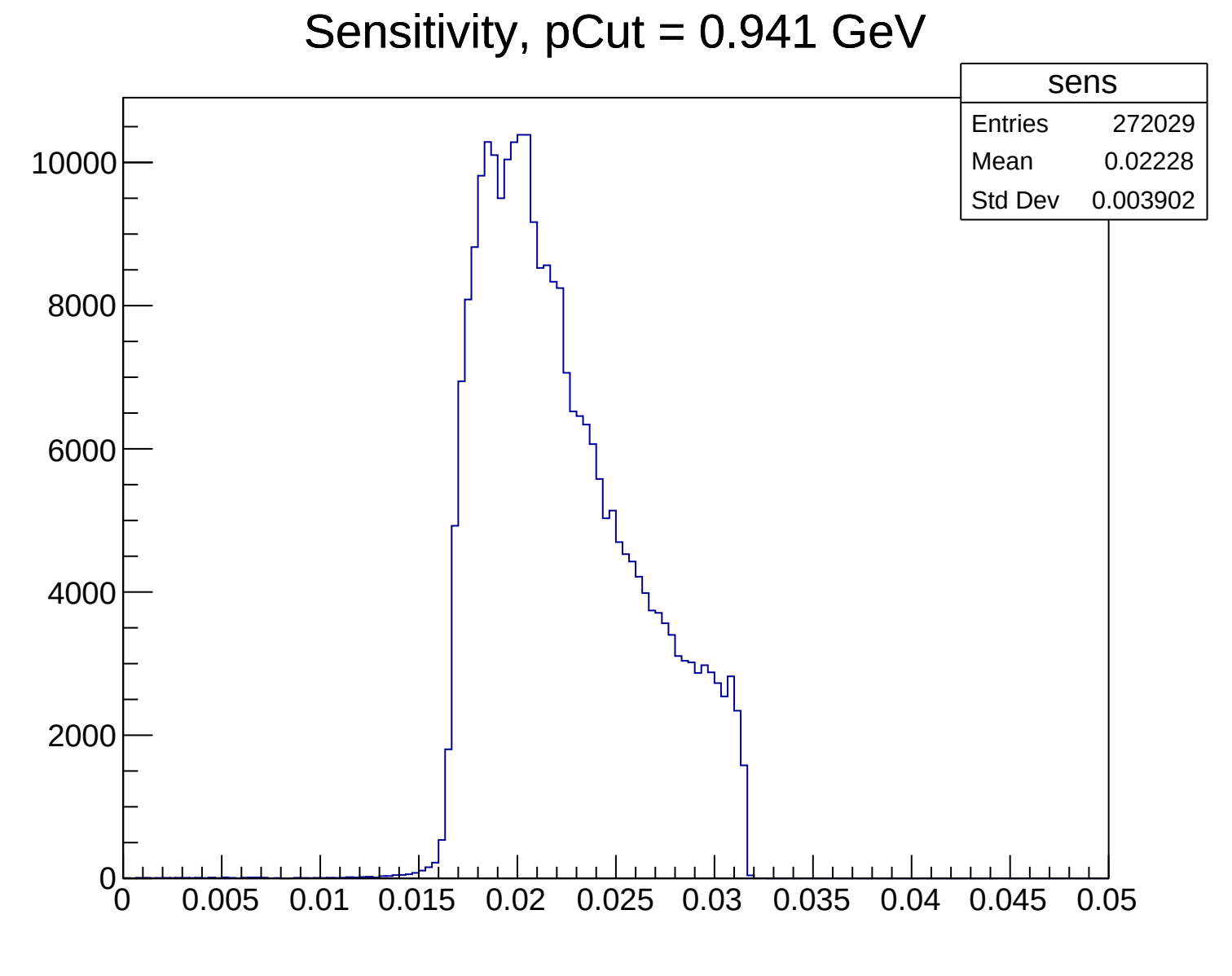

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9410 GeV
R.gold.p (GeV)

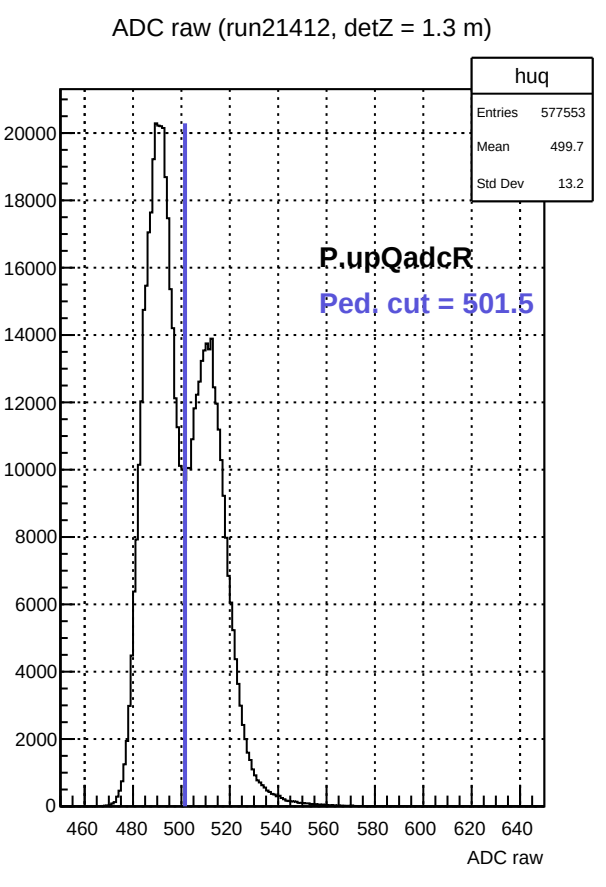

θlab (deg), pCut = 0.941 GeV
Theta
Entries 272029
Mean 4.791
Std Dev 0.4548
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

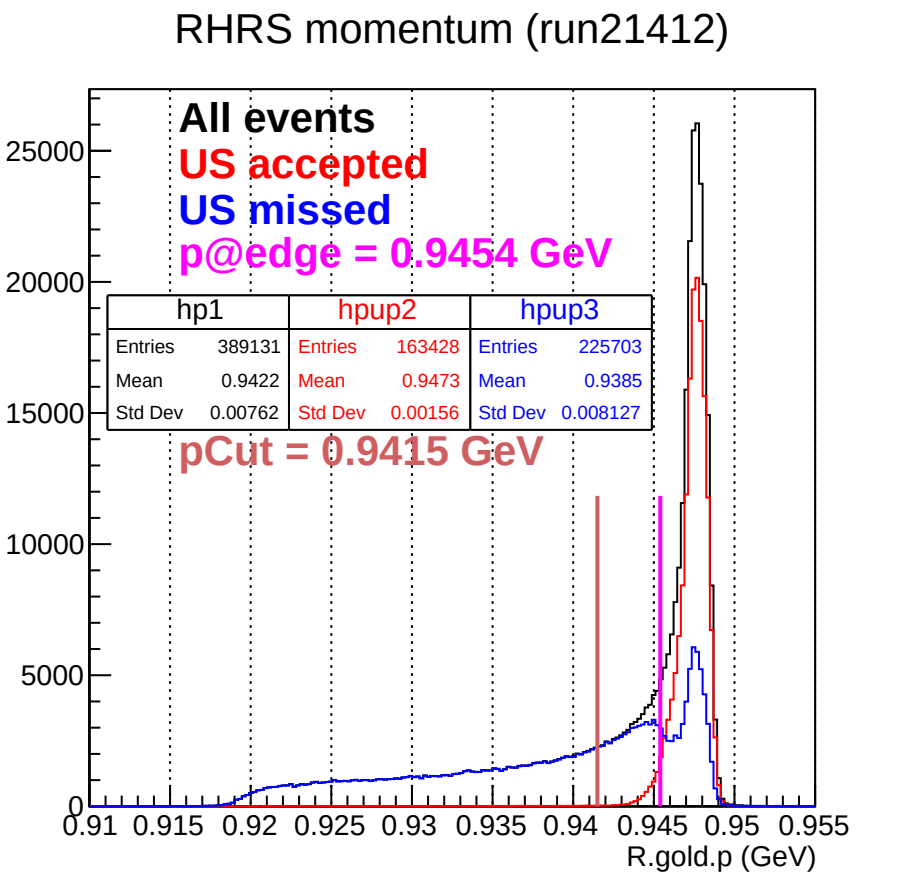

Asymmetry (ppm), pCut = 0.941 GeV
Asym
Entries 272029
Mean 0.5708
Std Dev 0.08159
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

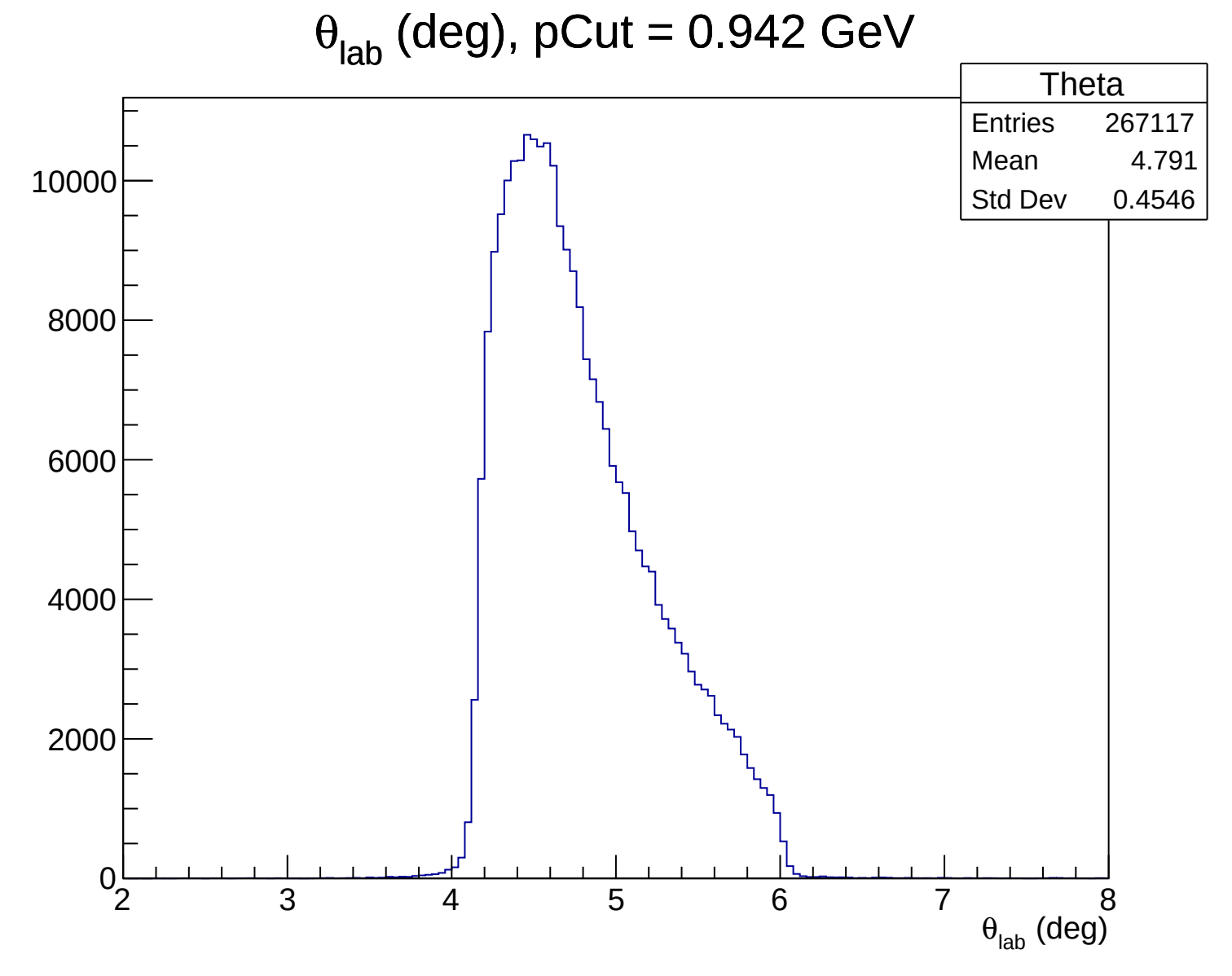

Stretched Asym. (ppm), pCut = 0.941 GeV
SAsym
Entries 272029
Mean 0.5579
Std Dev 0.07785
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

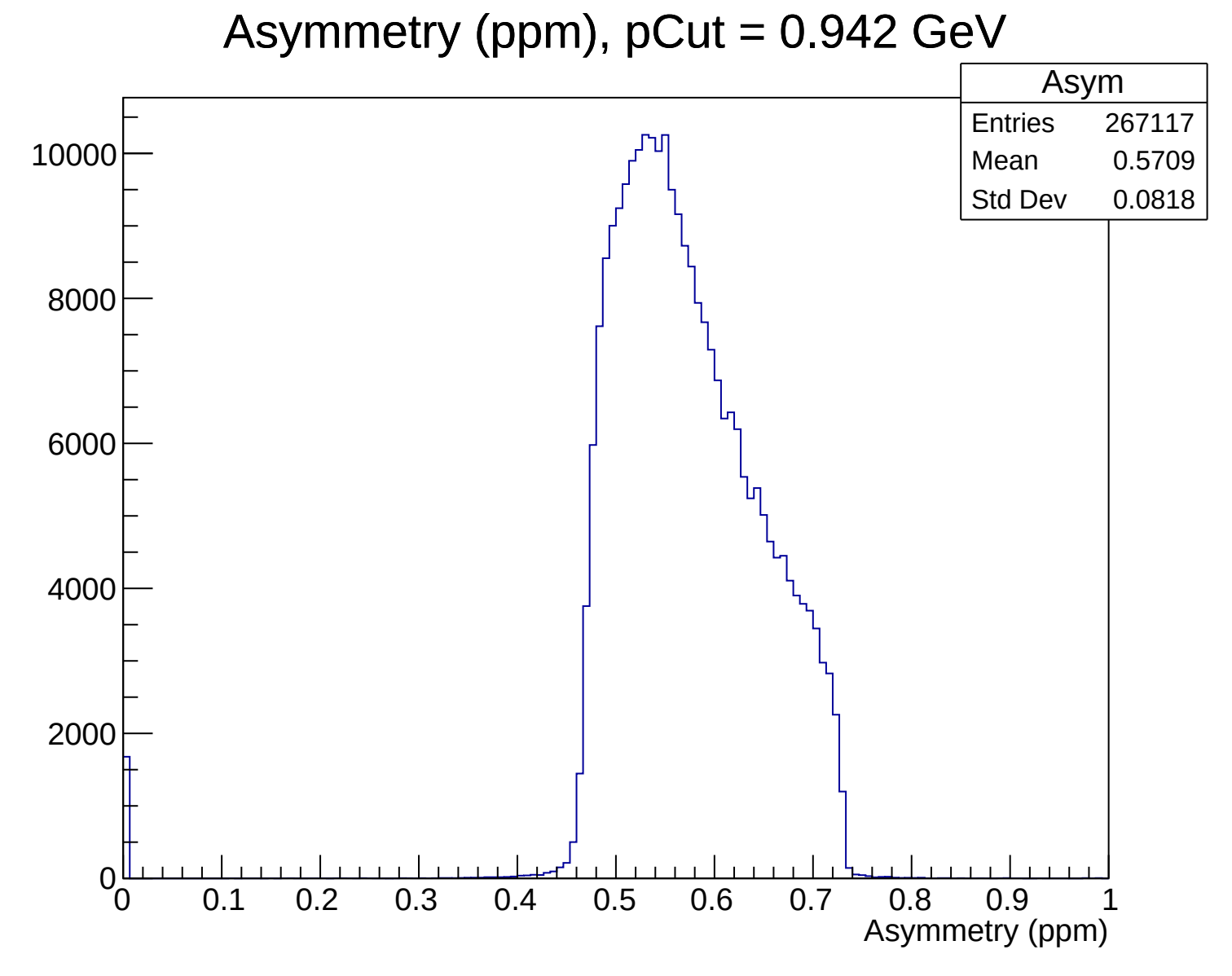

Q^2 (GeV/c)^2, pCut = 0.941 GeV
Q2
Entries 272029
Mean 0.006339
Std Dev 0.00123
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

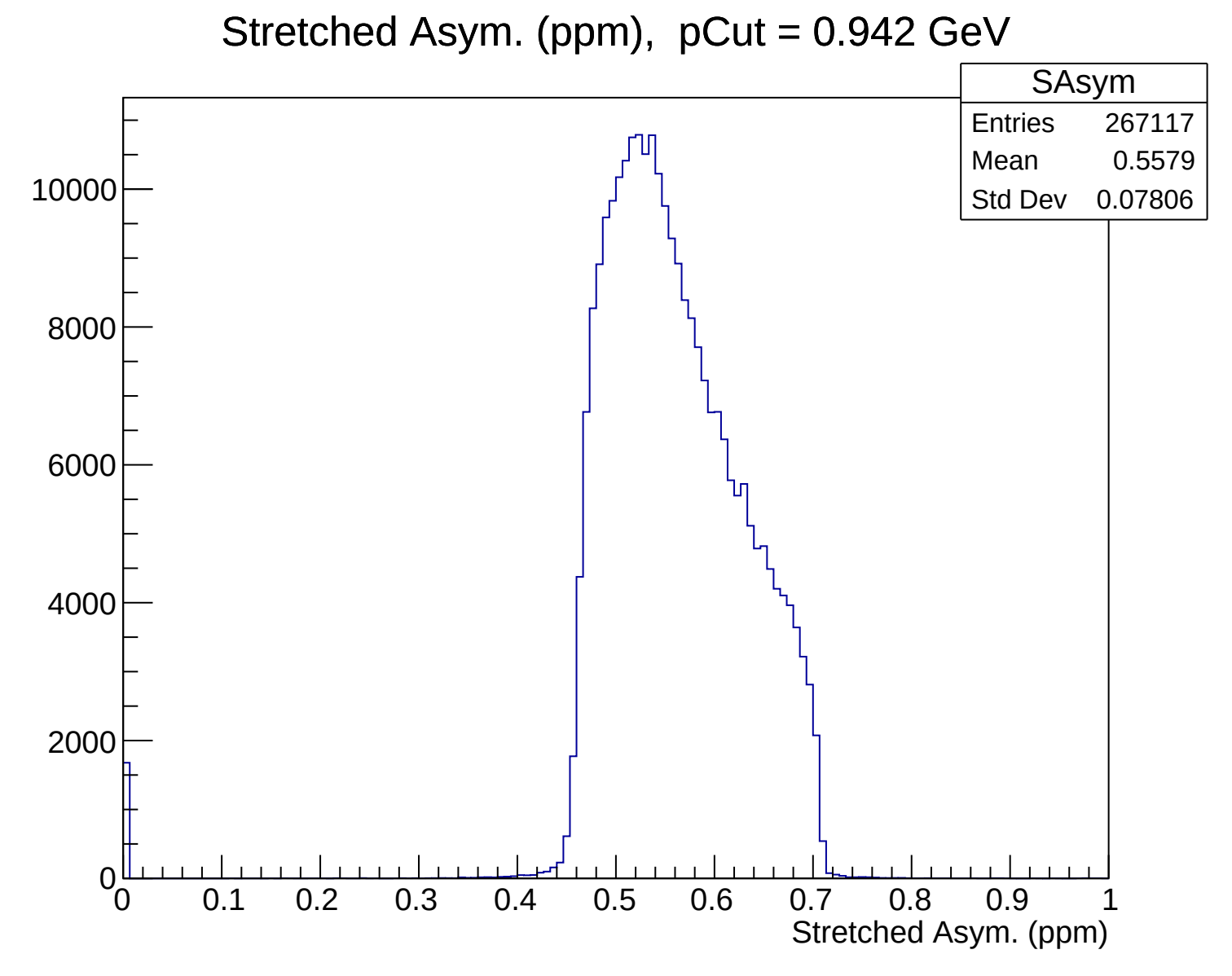

Sensitivity, pCut = 0.941 GeV
sens
Entries 272029
Mean 0.02228
Std Dev 0.003902
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

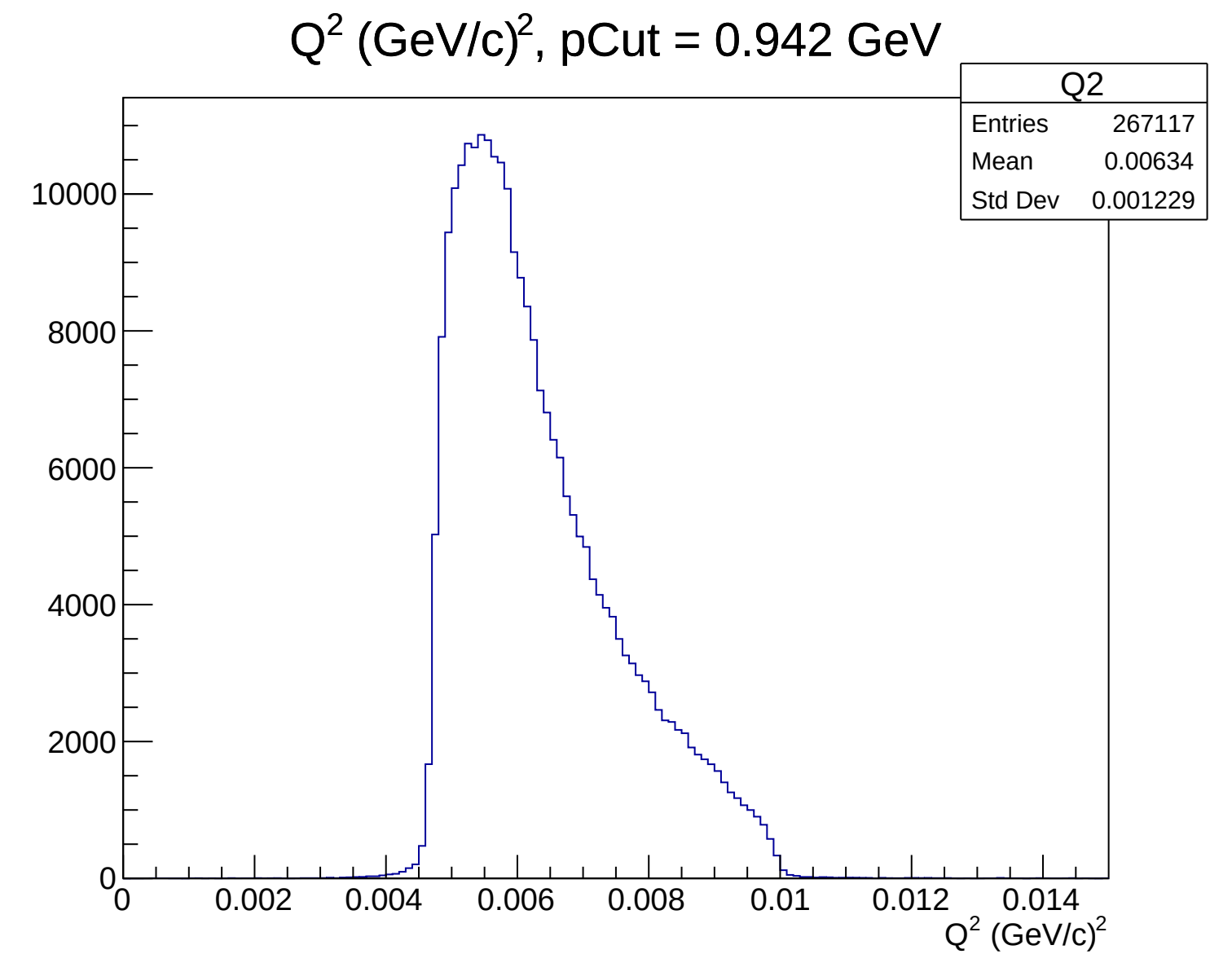

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

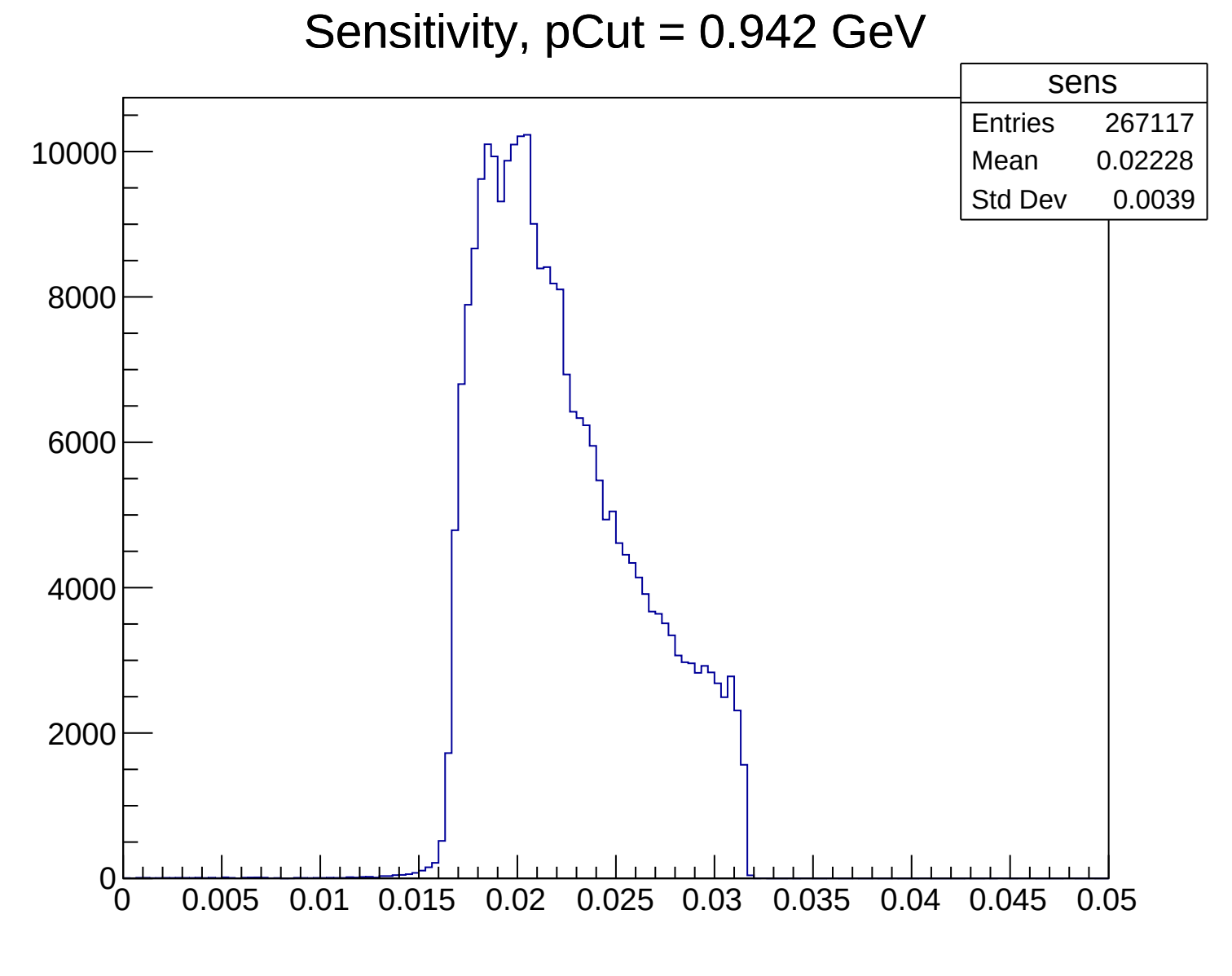

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9415 GeV
R.gold.p (GeV)

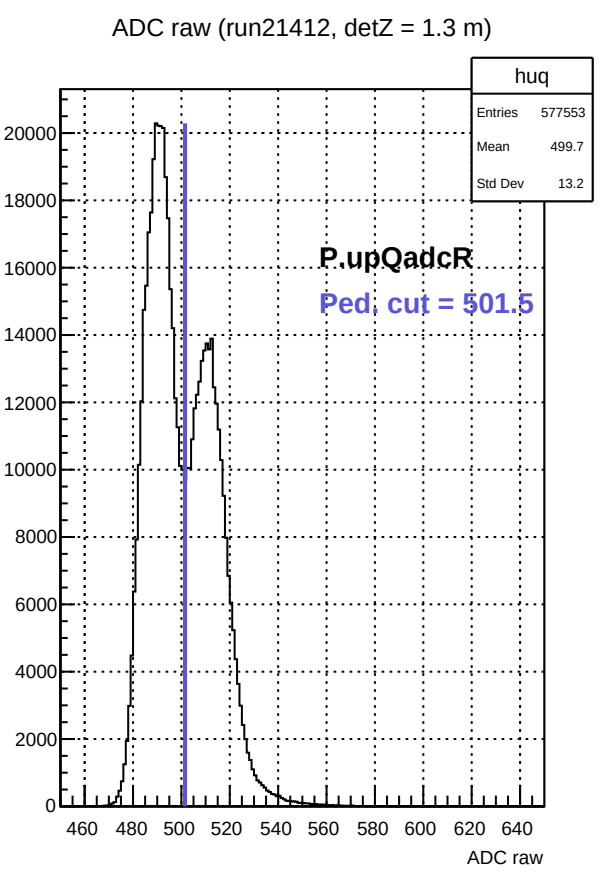

θlab (deg), pCut = 0.942 GeV
Theta
Entries 267117
Mean 4.791
Std Dev 0.4546
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

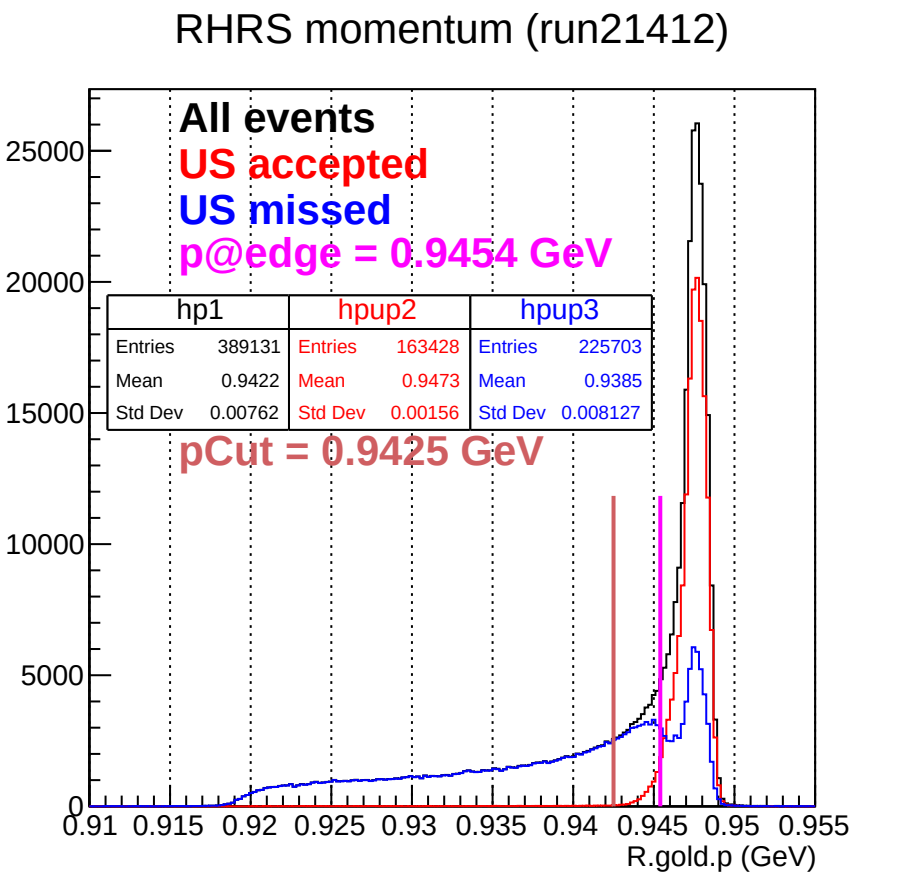

Asymmetry (ppm), pCut = 0.942 GeV
Asym
Entries 267117
Mean 0.5709
Std Dev 0.0818
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

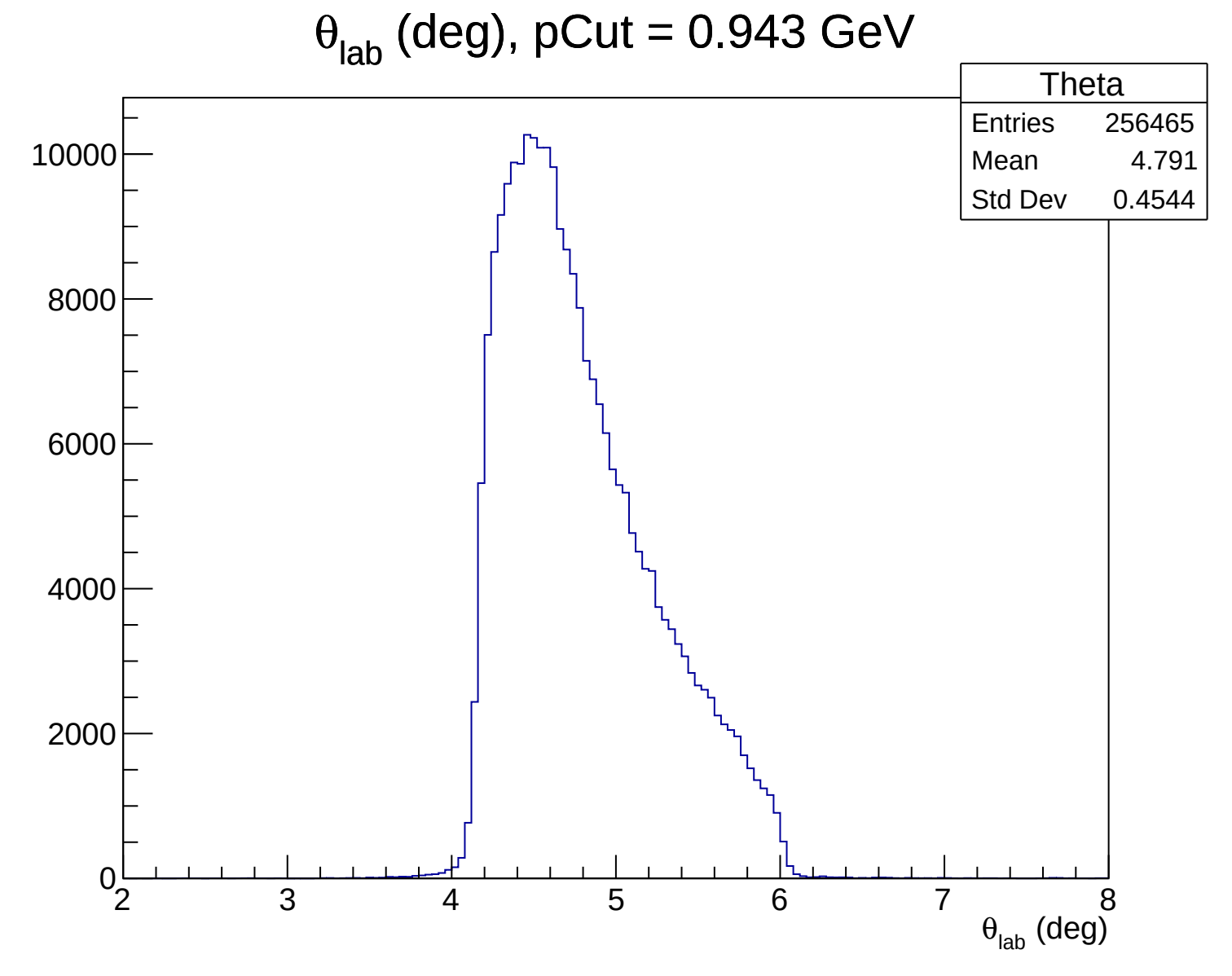

Stretched Asym. (ppm), pCut = 0.942 GeV
SAsym
Entries 267117
Mean 0.5579
Std Dev 0.07806
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

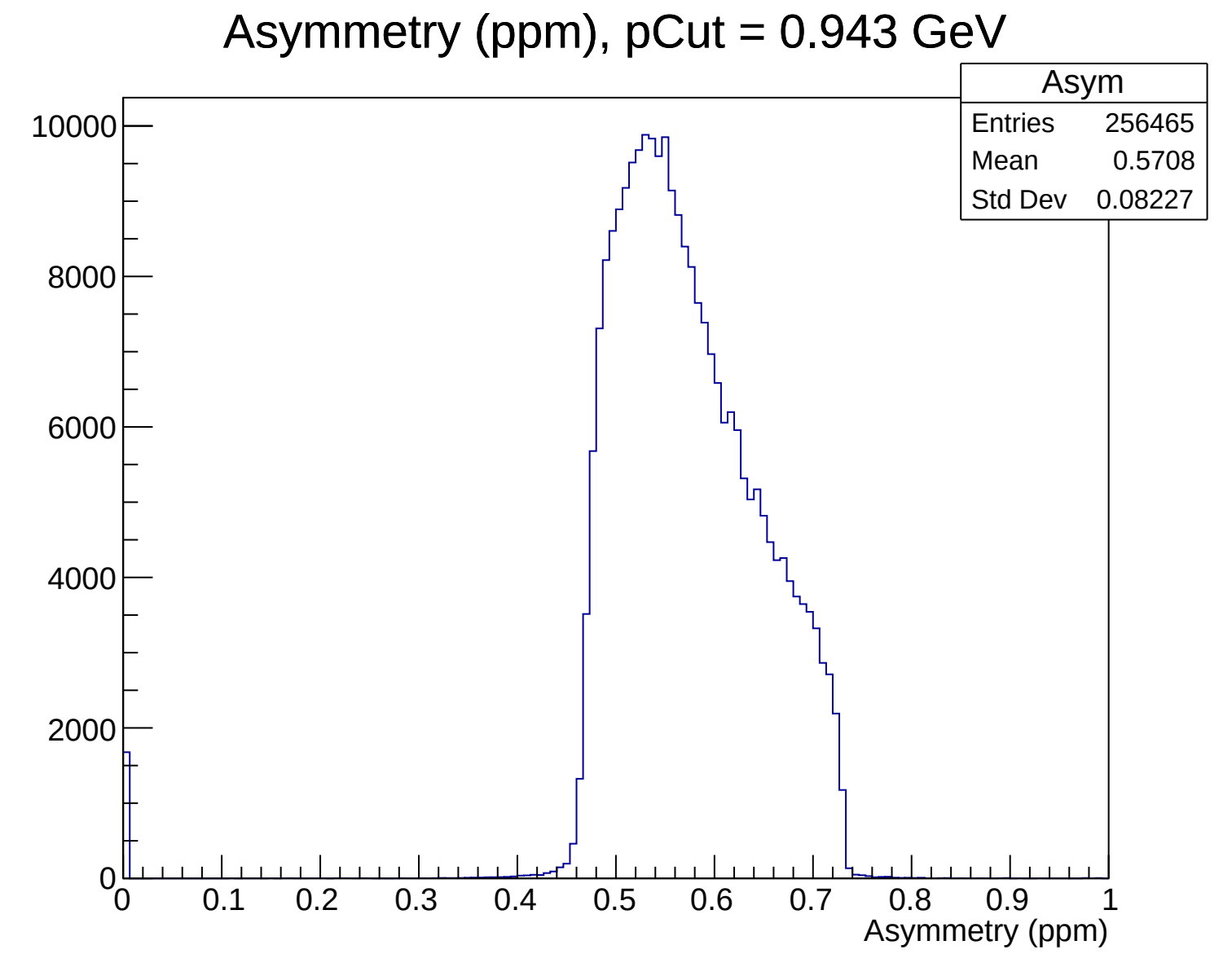

Q^2 (GeV/c)^2, pCut = 0.942 GeV
Q2
Entries 267117
Mean 0.00634
Std Dev 0.001229
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

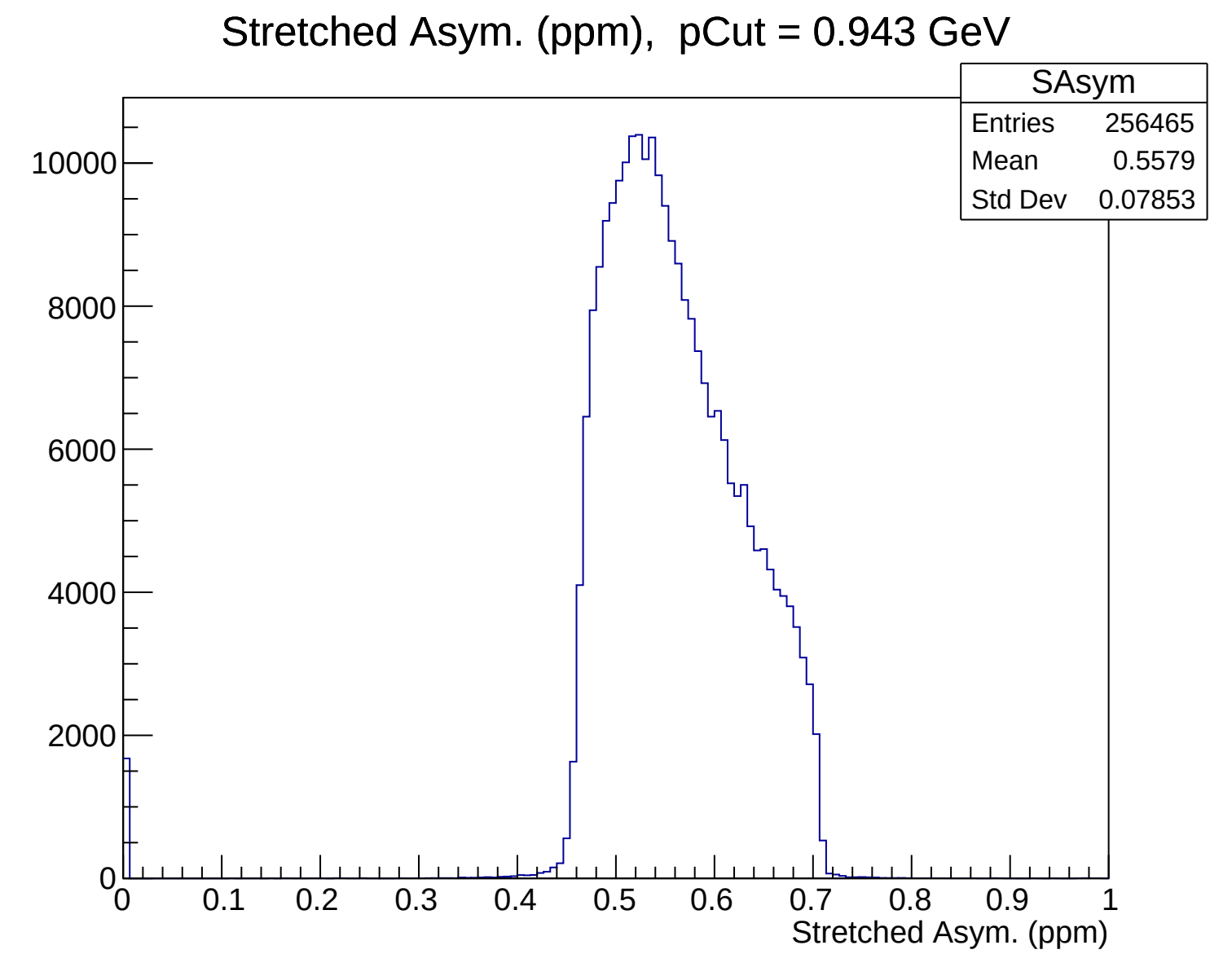

Sensitivity, pCut = 0.942 GeV
sens
Entries 267117
Mean 0.02228
Std Dev 0.0039
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

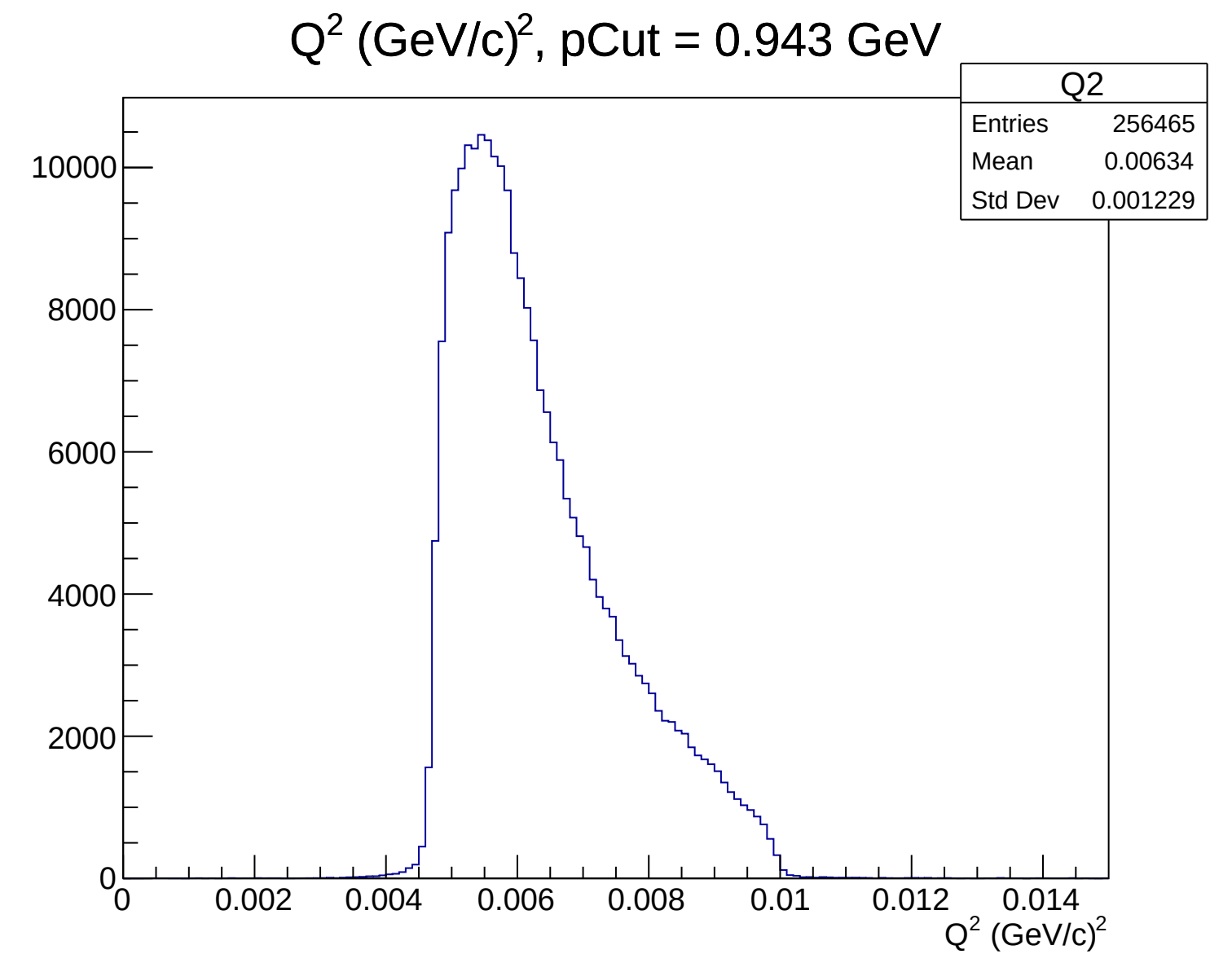

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

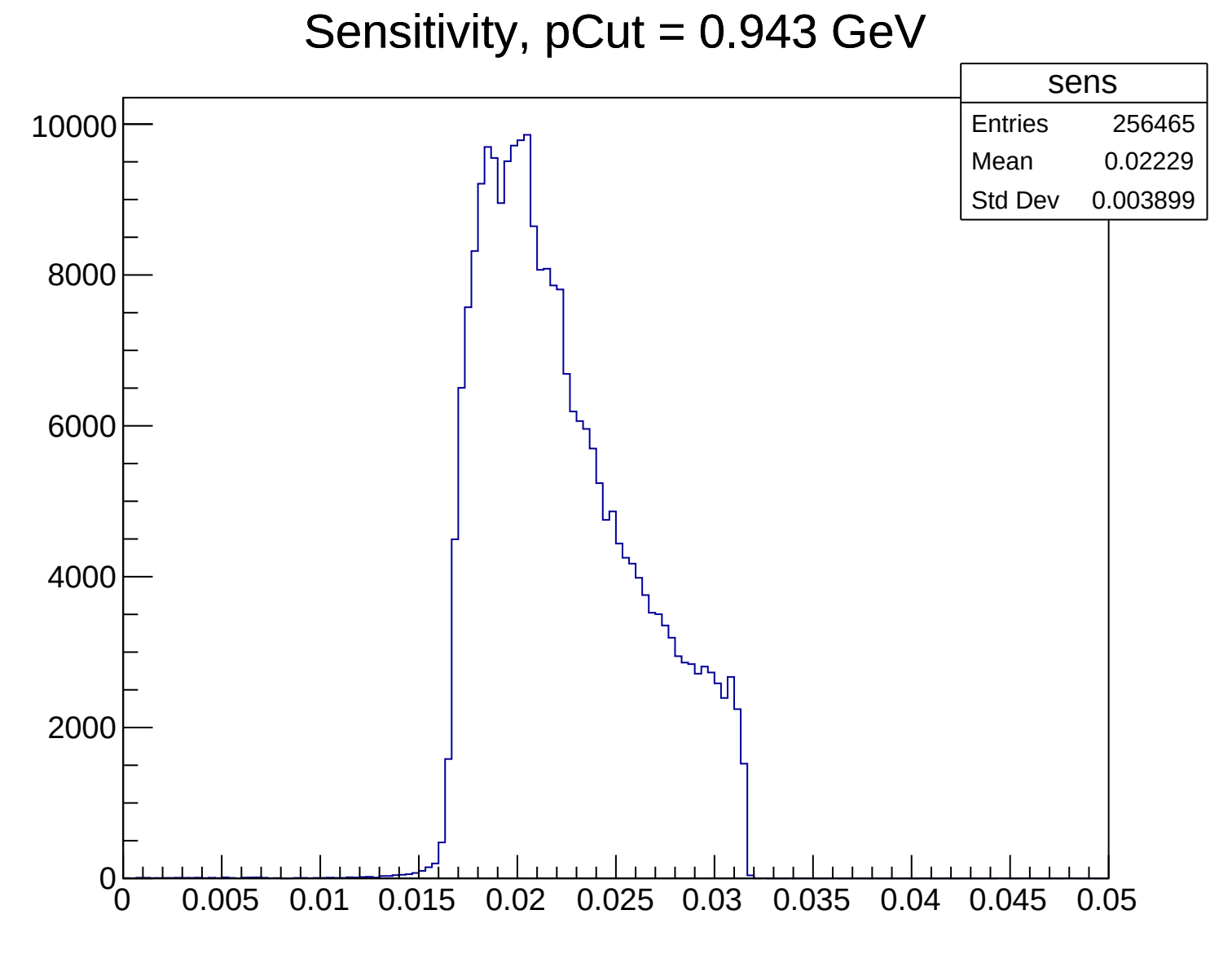

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9425 GeV
R.gold.p (GeV)

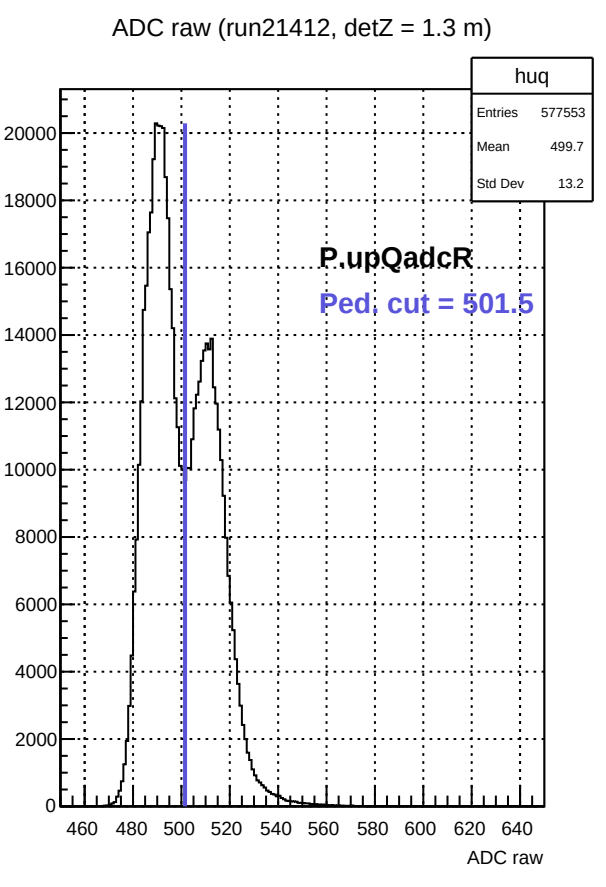

θlab (deg), pCut = 0.943 GeV
Theta
Entries 256465
Mean 4.791
Std Dev 0.4544
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

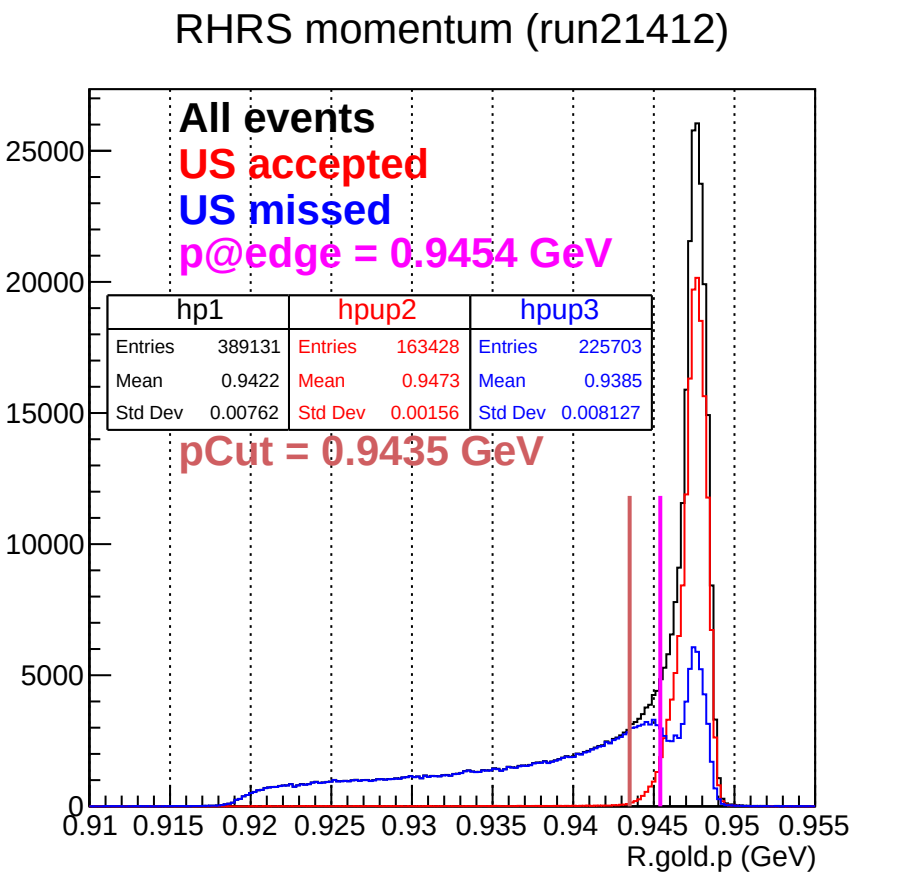

Asymmetry (ppm), pCut = 0.943 GeV
Asym
Entries 256465
Mean 0.5708
Std Dev 0.08227
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

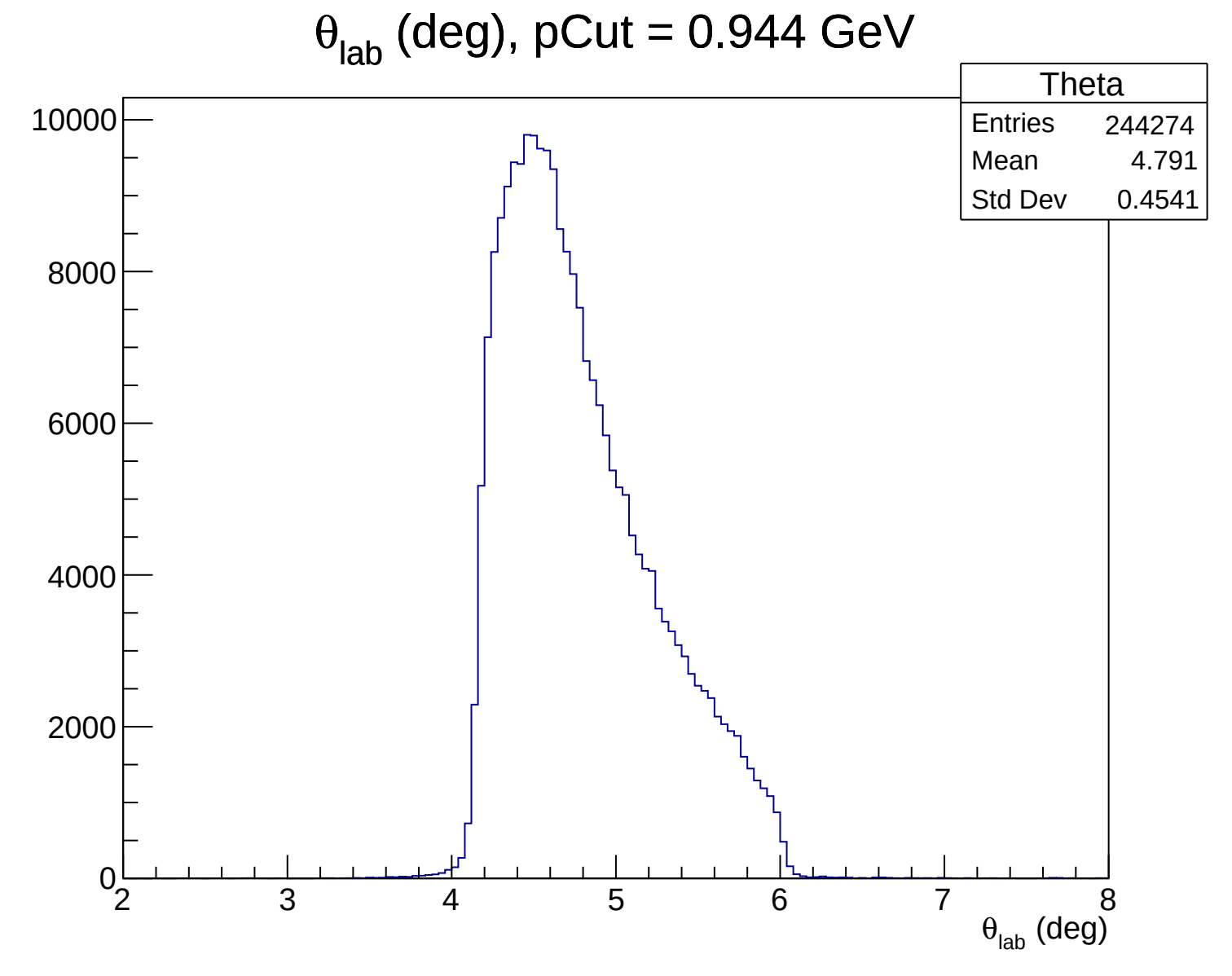

Stretched Asym. (ppm), pCut = 0.943 GeV
SAsym
Entries 256465
Mean 0.5579
Std Dev 0.07853
10000
8000
6000
4000
2000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

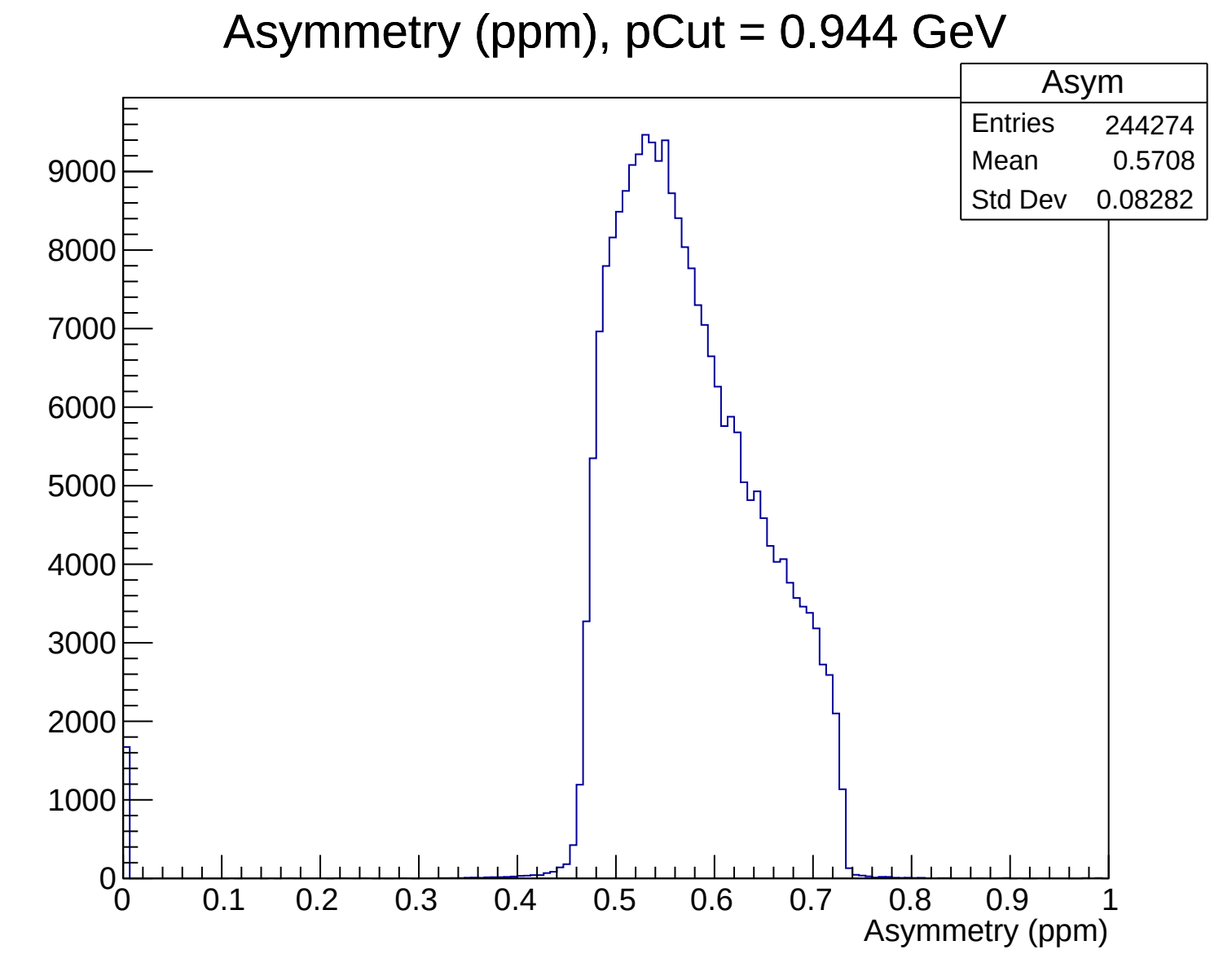

Q^2 (GeV/c)^2, pCut = 0.943 GeV
Q2
Entries 256465
Mean 0.00634
Std Dev 0.001229
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

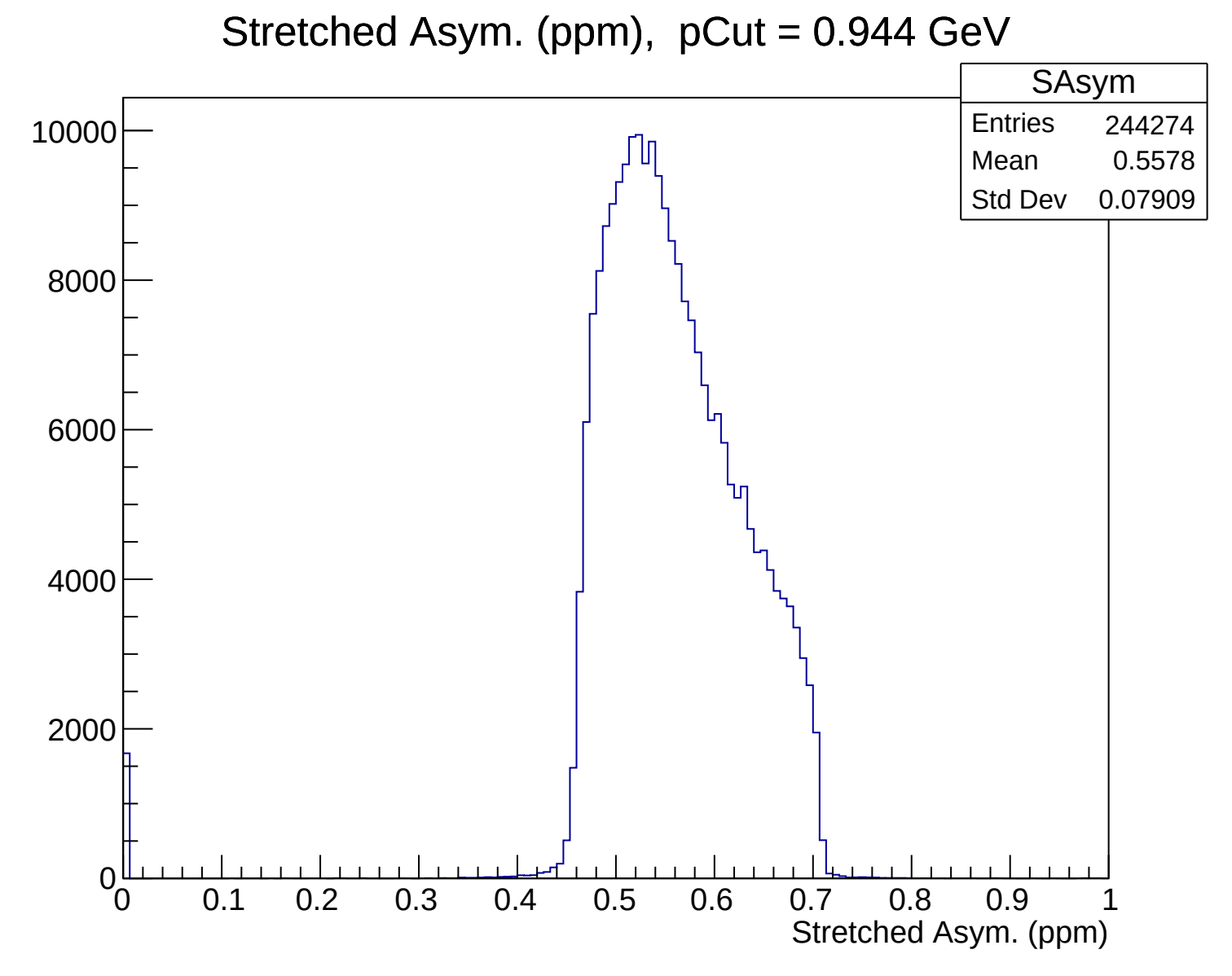

Sensitivity, pCut = 0.943 GeV
sens
Entries 256465
Mean 0.02229
Std Dev 0.003899
10000
8000
6000
4000
2000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

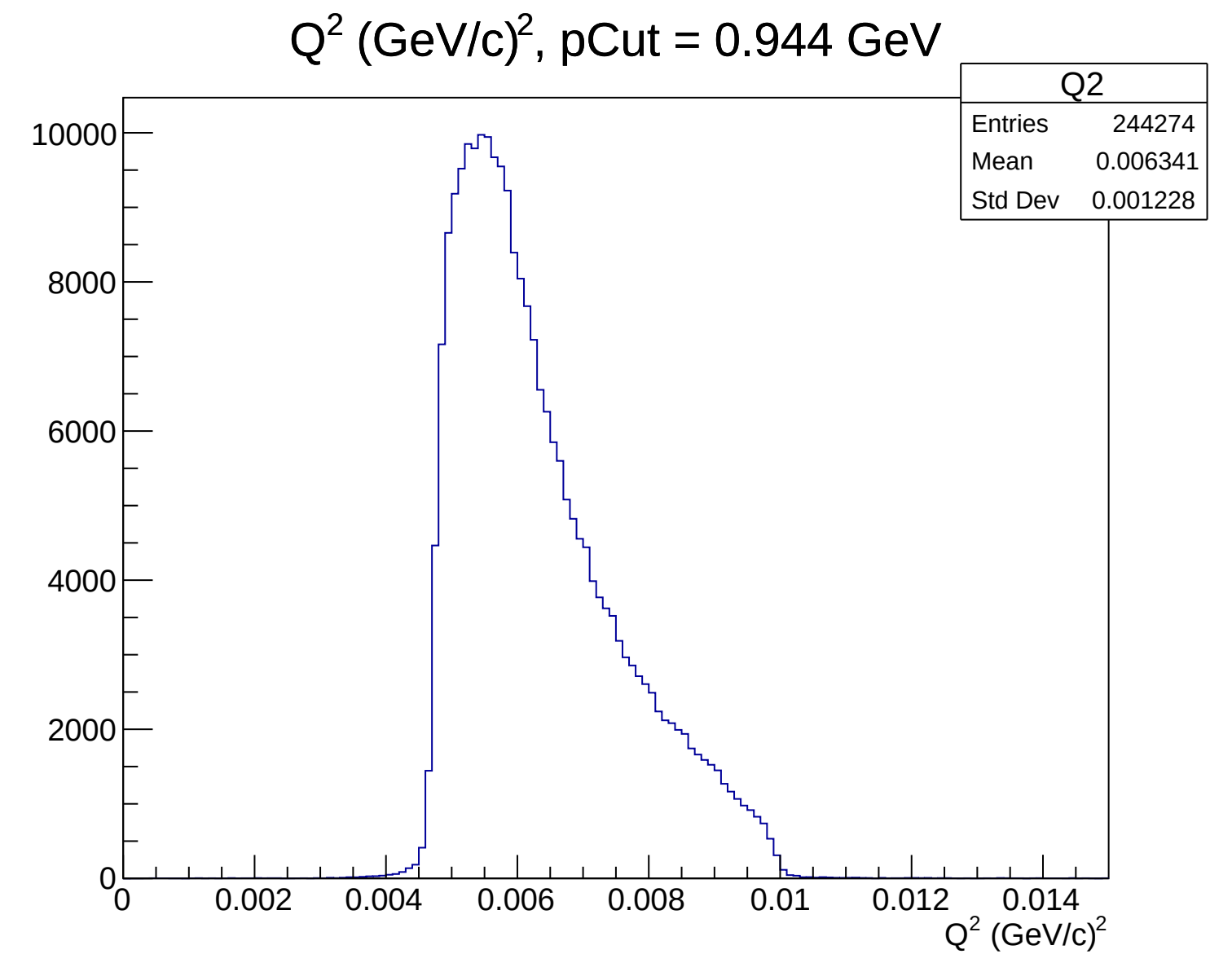

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

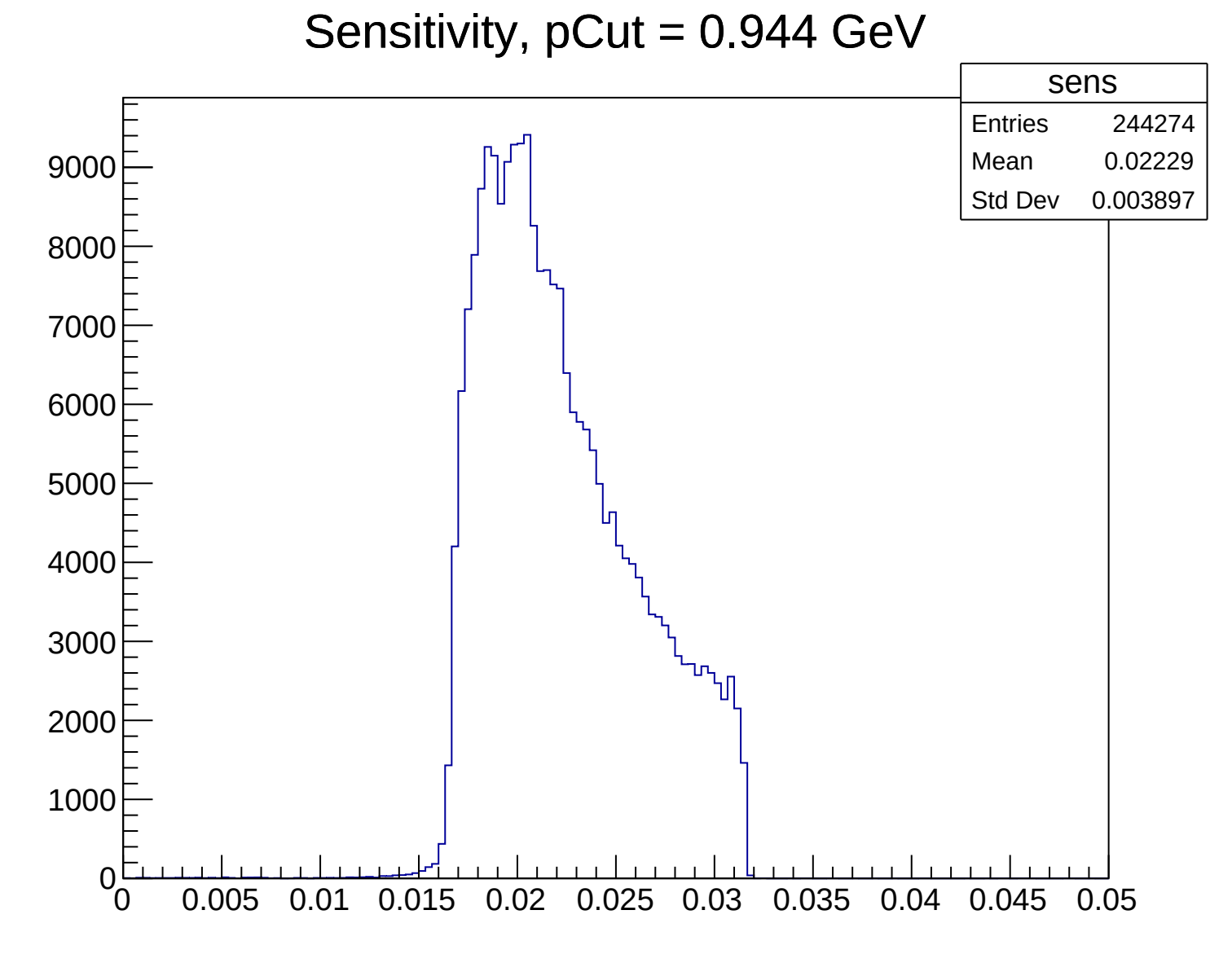

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9435 GeV
R.gold.p (GeV)

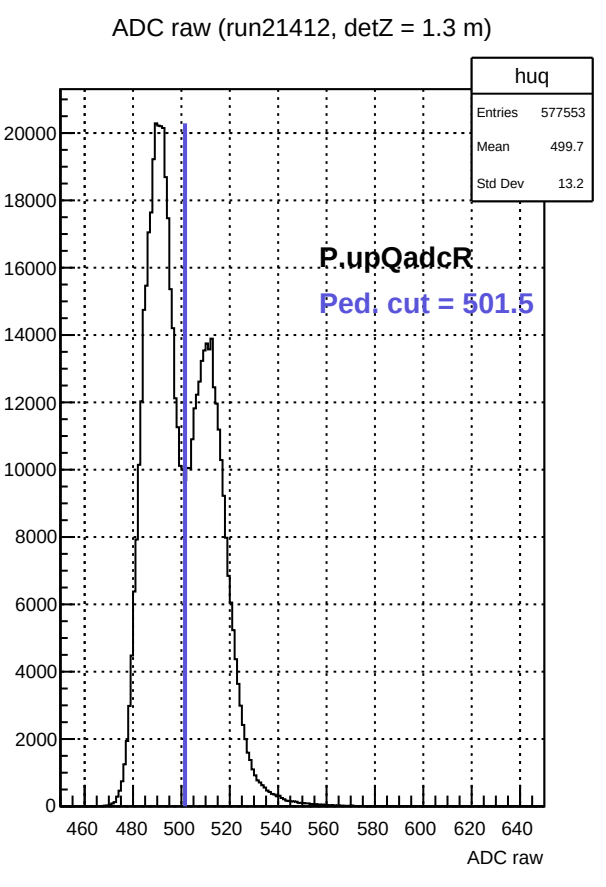

θlab (deg), pCut = 0.944 GeV
Theta
Entries 244274
Mean 4.791
Std Dev 0.4541
10000
8000
6000
4000
2000
0
2
3
4
5
6
7
8
θlab (deg)

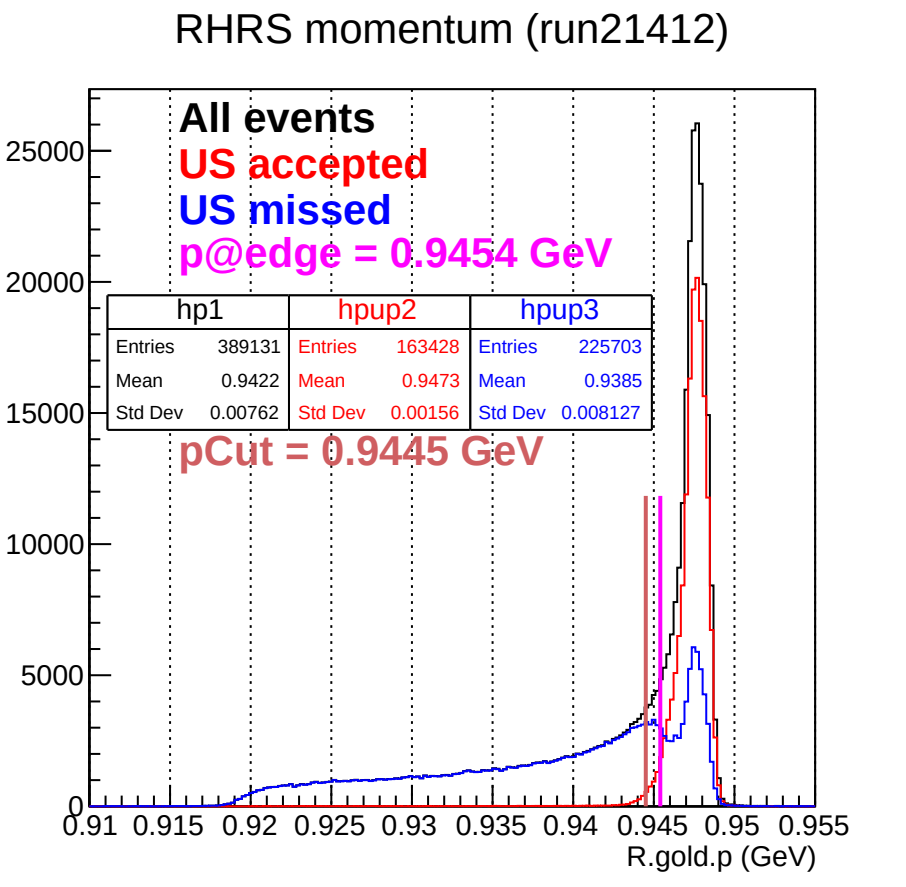

Asymmetry (ppm), pCut = 0.944 GeV
Asym
Entries 244274
Mean 0.5708
Std Dev 0.08282
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

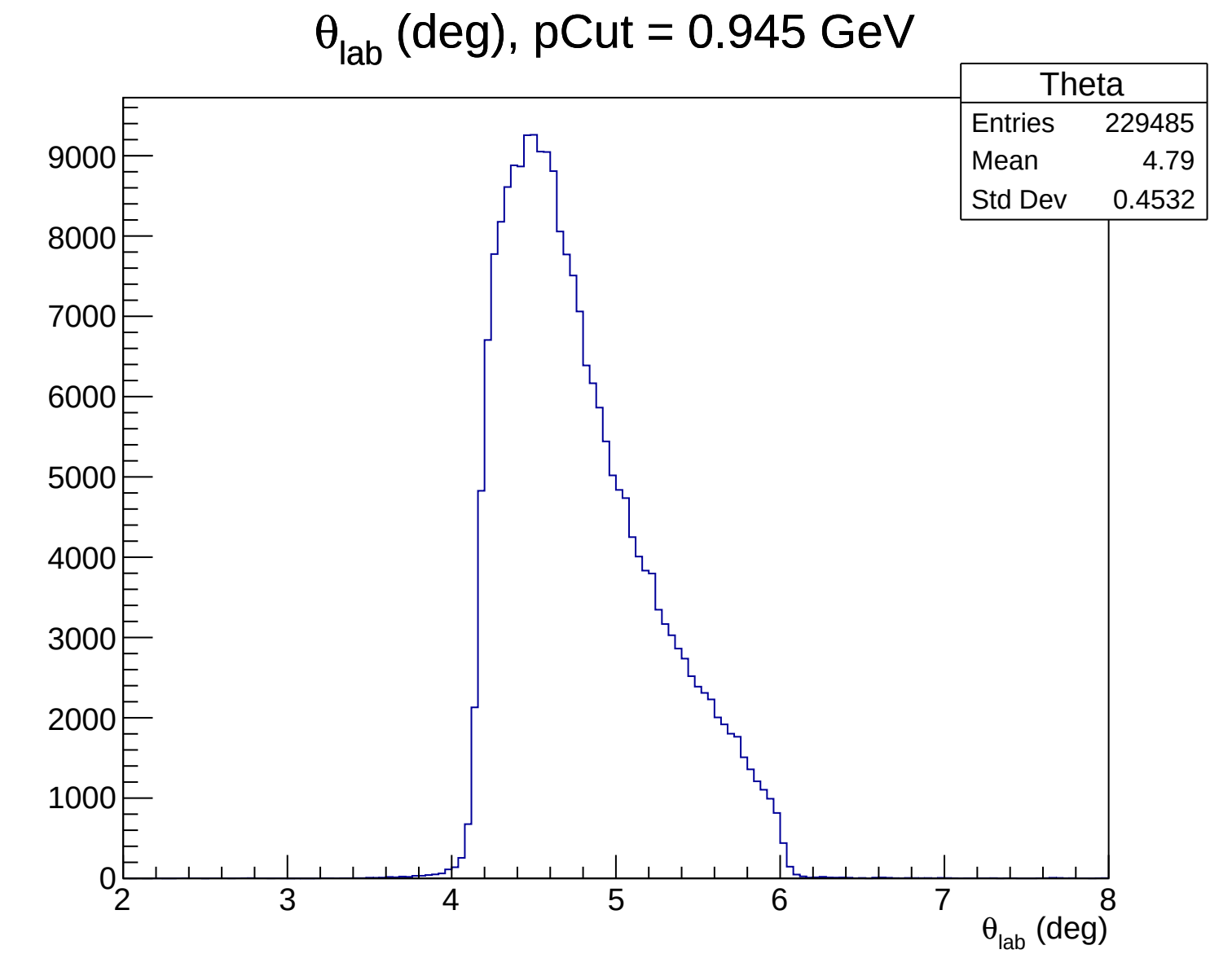

Stretched Asym. (ppm), pCut = 0.944 GeV
SAsym
Entries 244274
Mean 0.5578
Std Dev 0.07909
10000
8000
6000
4000
2000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

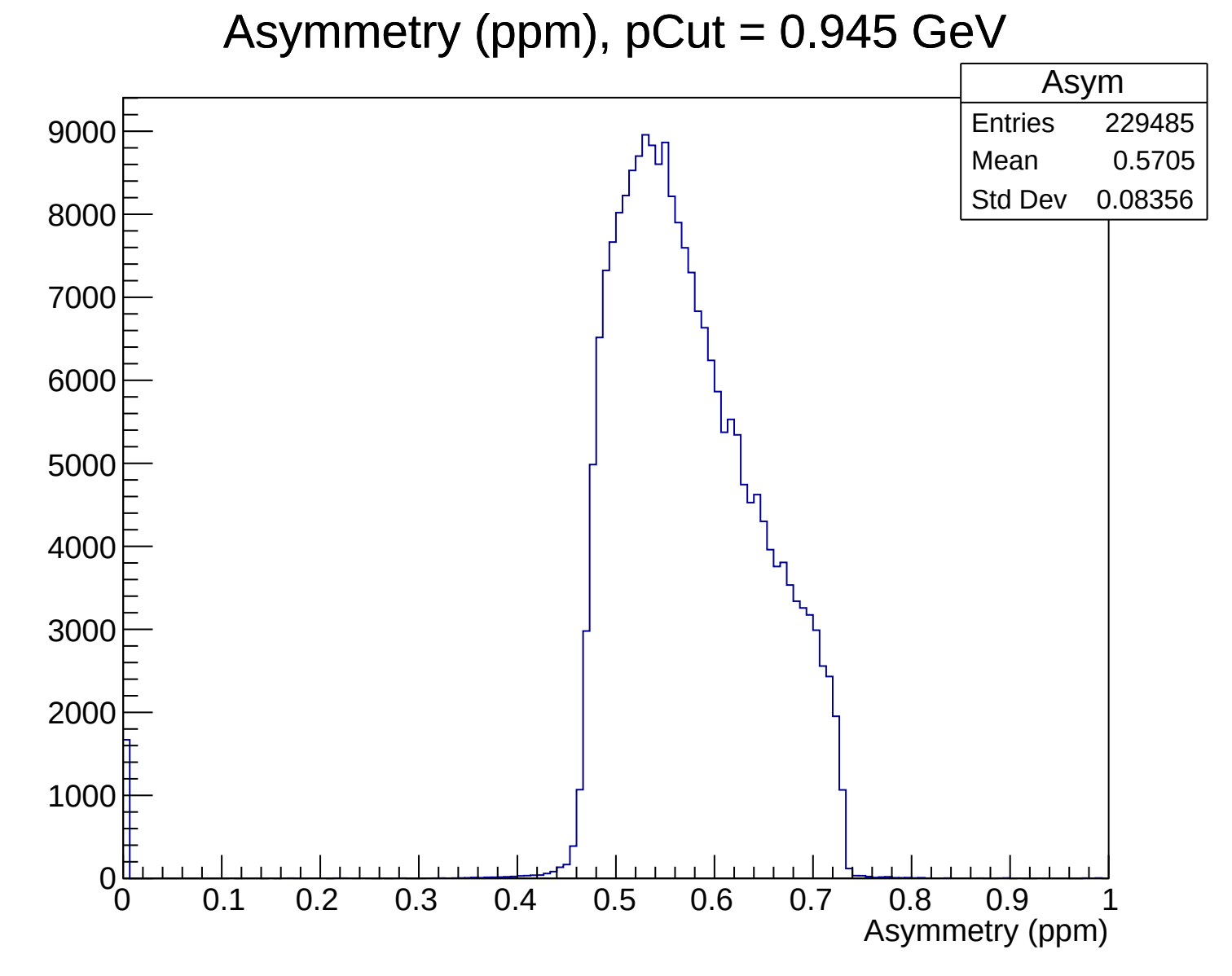

Q^2 (GeV/c)^2, pCut = 0.944 GeV
Q2
Entries 244274
Mean 0.006341
Std Dev 0.001228
10000
8000
6000
4000
2000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

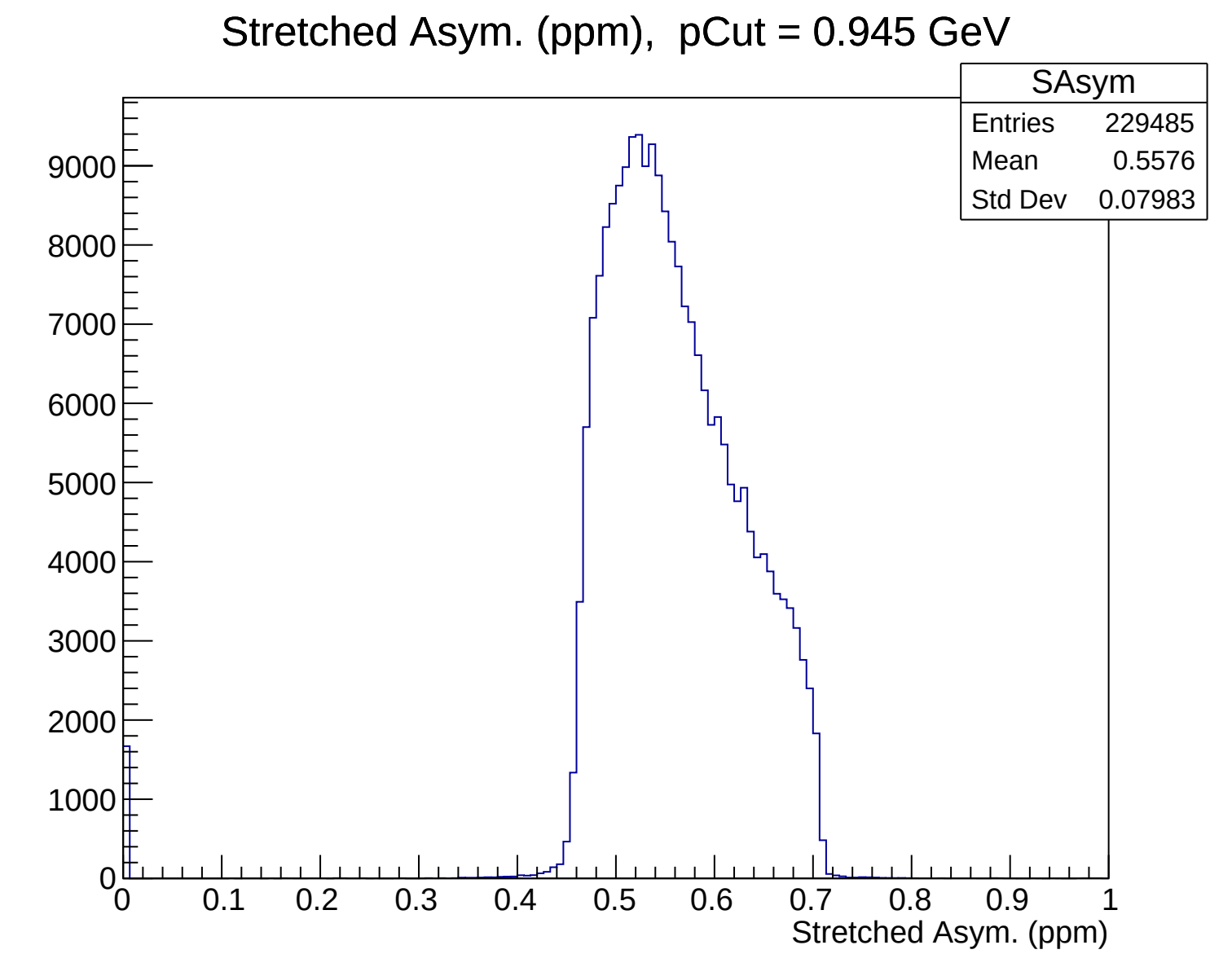

Sensitivity, pCut = 0.944 GeV
sens
Entries 244274
Mean 0.02229
Std Dev 0.003897
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

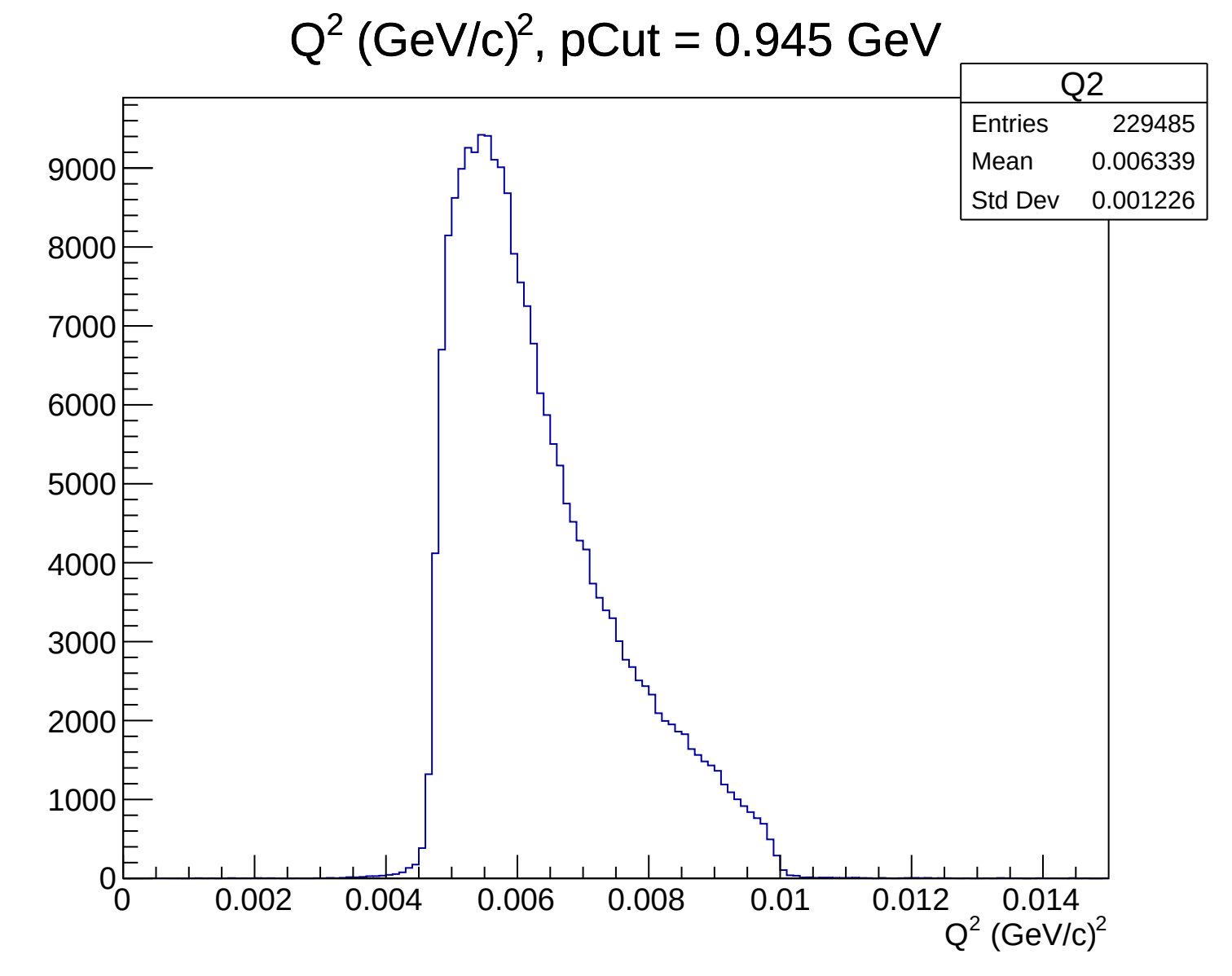

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

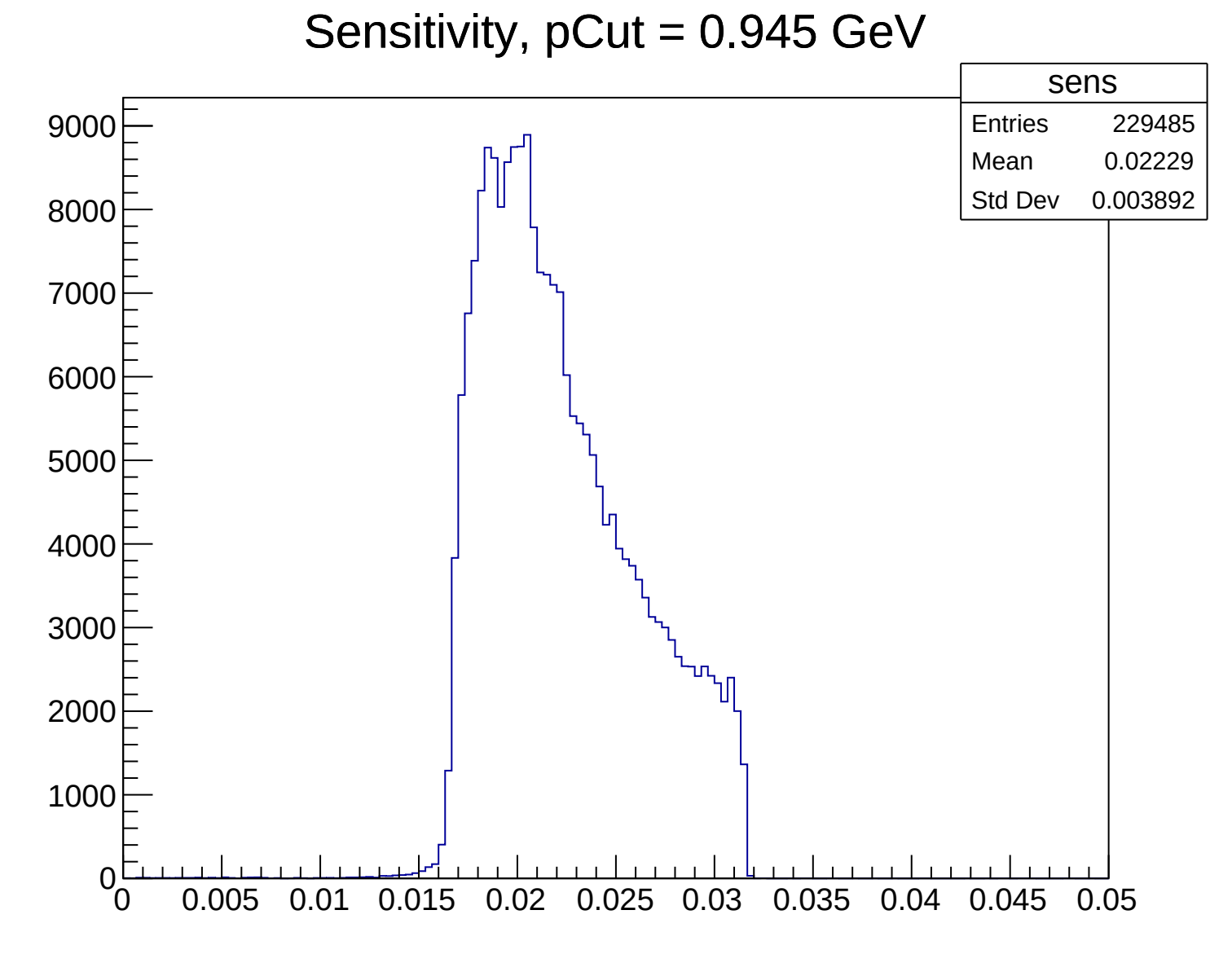

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9445 GeV
R.gold.p (GeV)

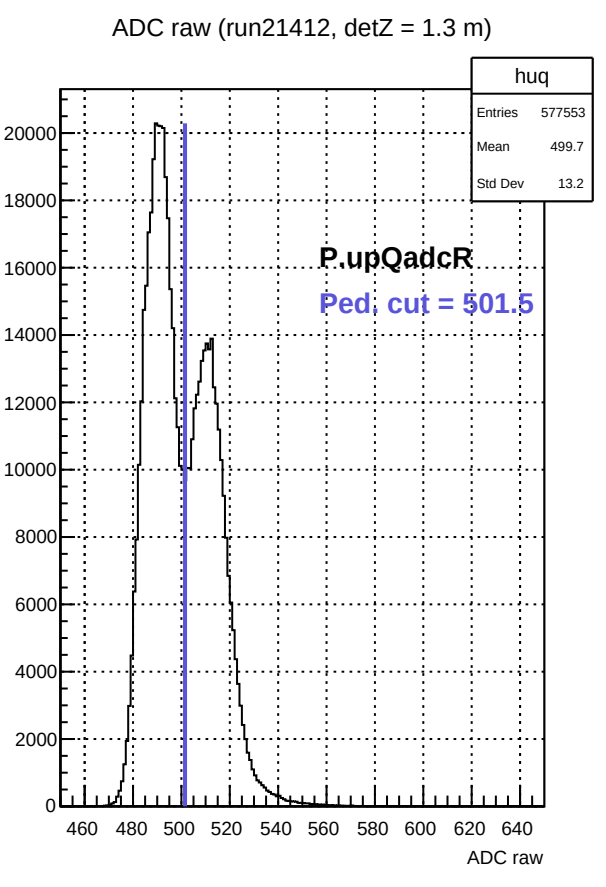

θlab (deg), pCut = 0.945 GeV
Theta
Entries 229485
Mean 4.79
Std Dev 0.4532
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

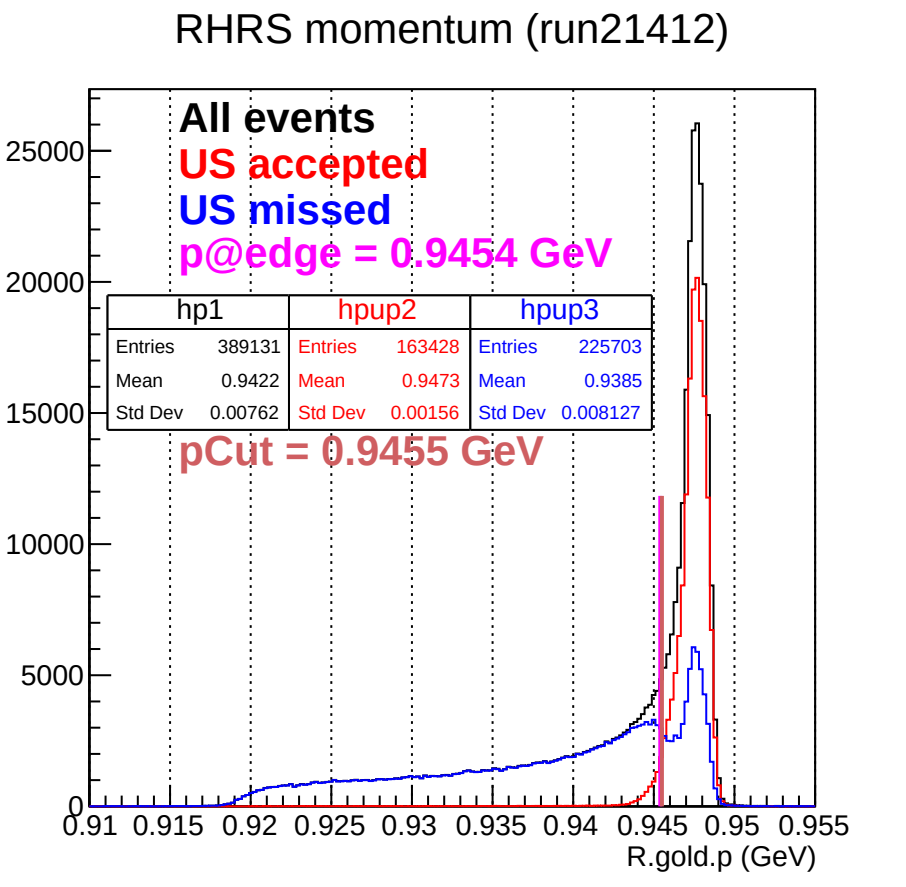

Asymmetry (ppm), pCut = 0.945 GeV
Asym
Entries 229485
Mean 0.5705
Std Dev 0.08356
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

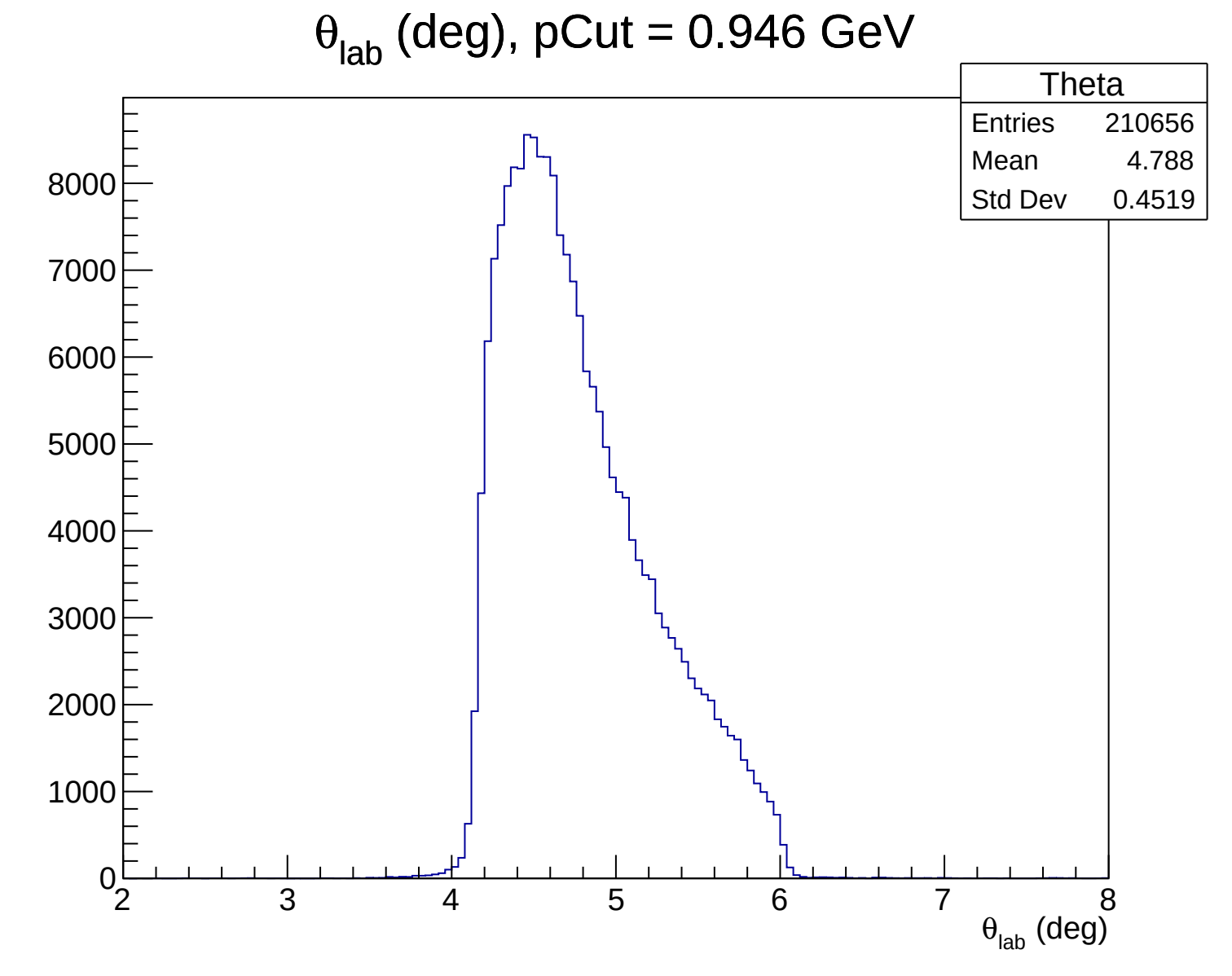

Stretched Asym. (ppm), pCut = 0.945 GeV
SAsym
Entries 229485
Mean 0.5576
Std Dev 0.07983
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

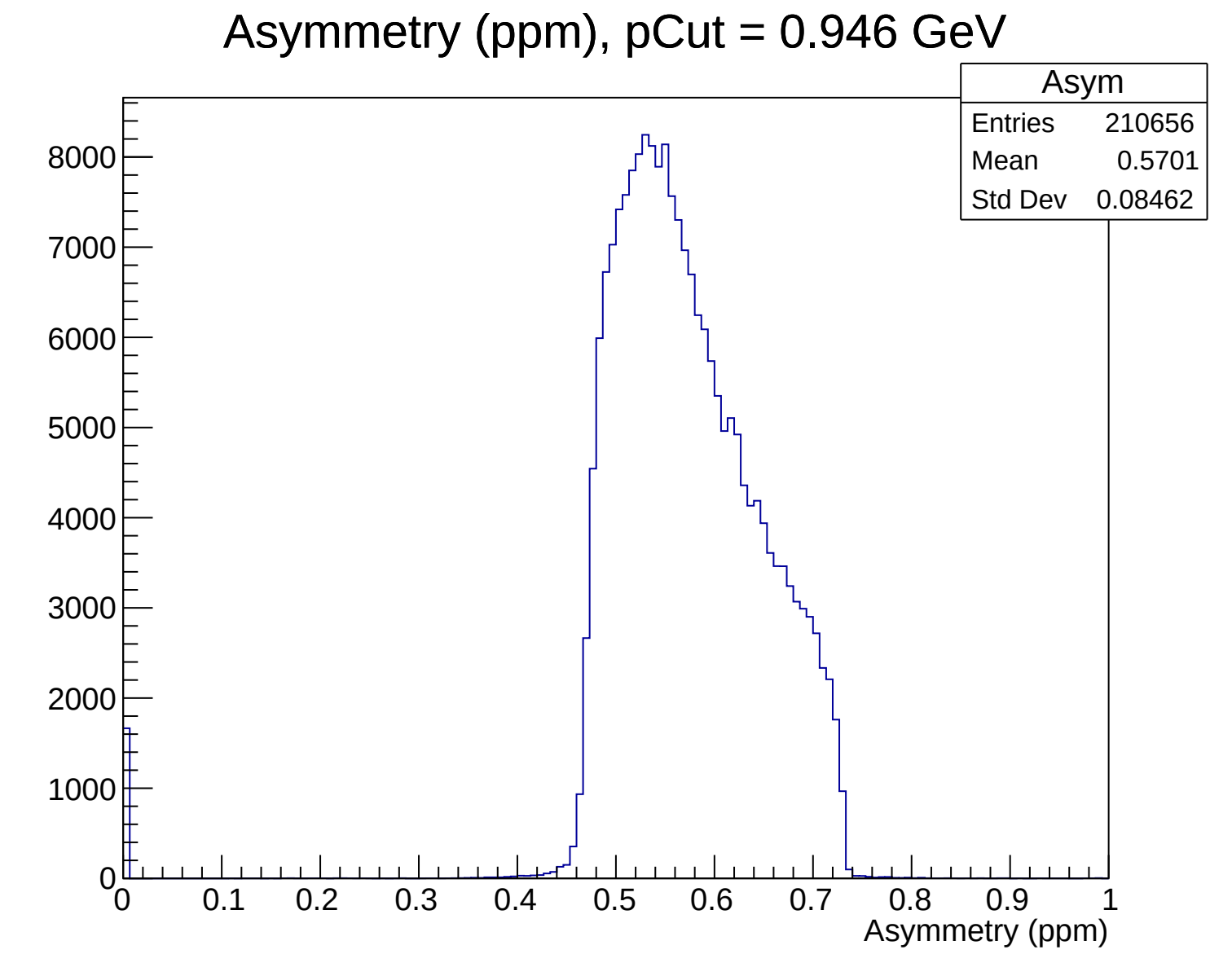

Q^2 (GeV/c)^2, pCut = 0.945 GeV
Q2
Entries 229485
Mean 0.006339
Std Dev 0.001226
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

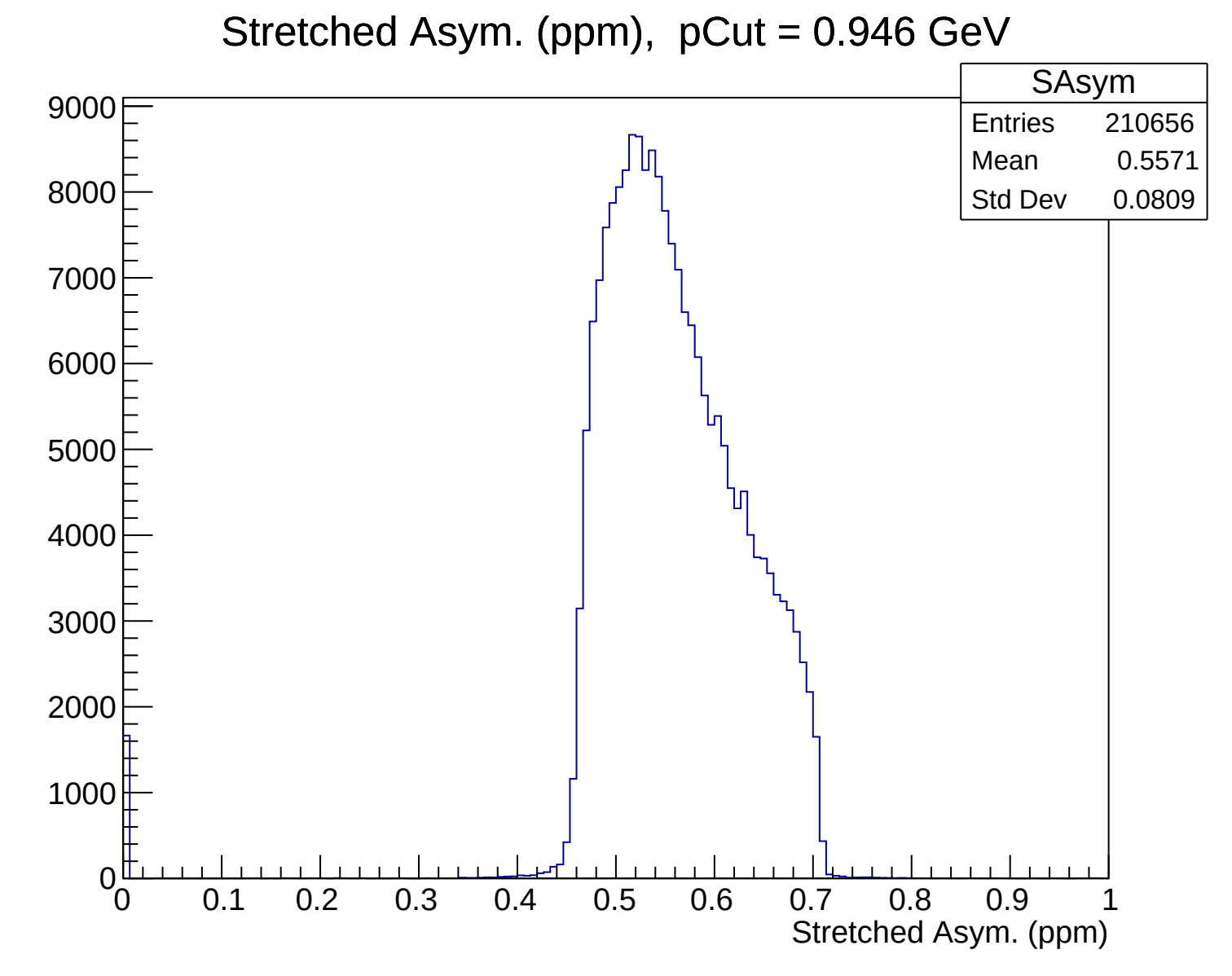

Sensitivity, pCut = 0.945 GeV
sens
Entries 229485
Mean 0.02229
Std Dev 0.003892
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

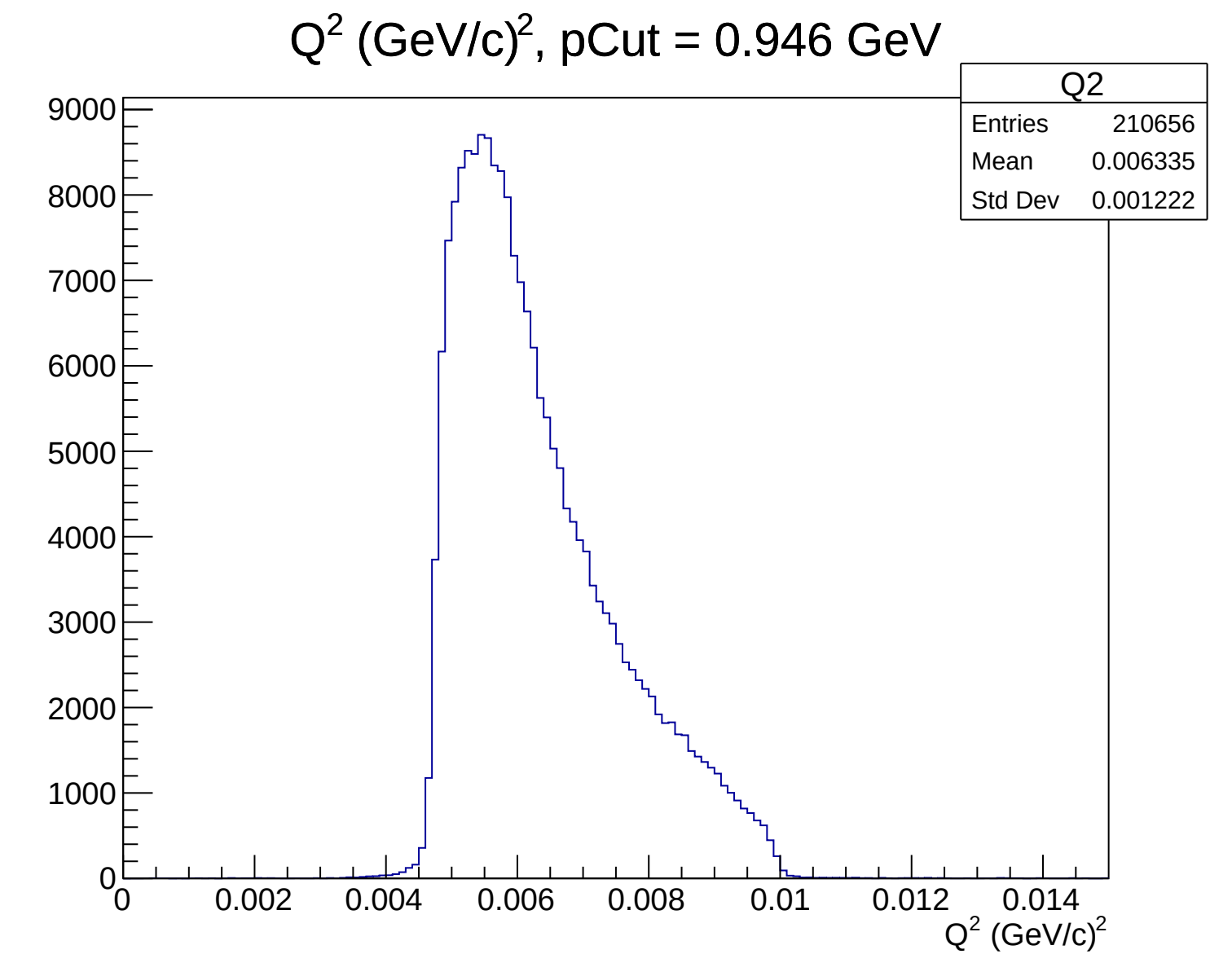

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

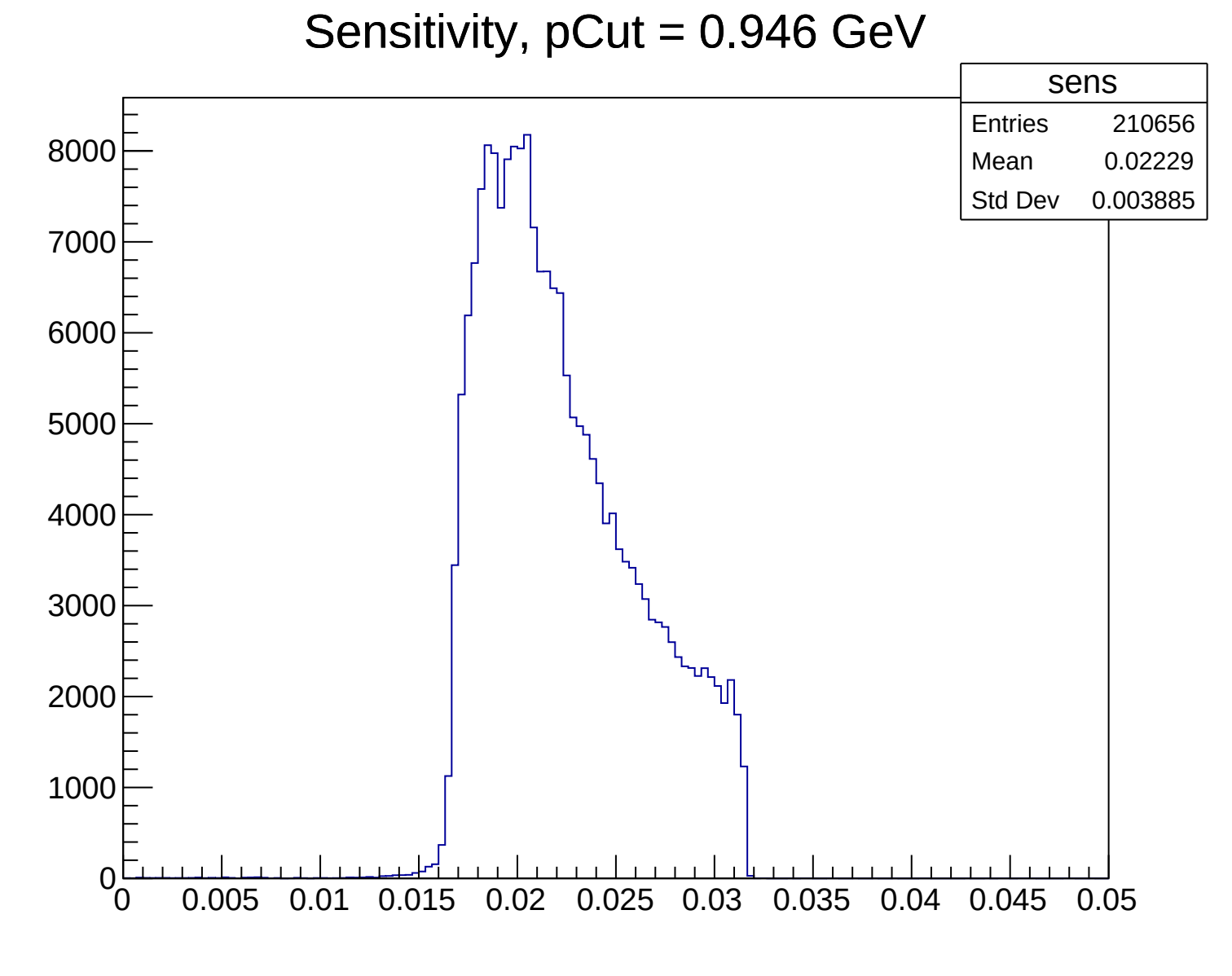

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9455 GeV
R.gold.p (GeV)

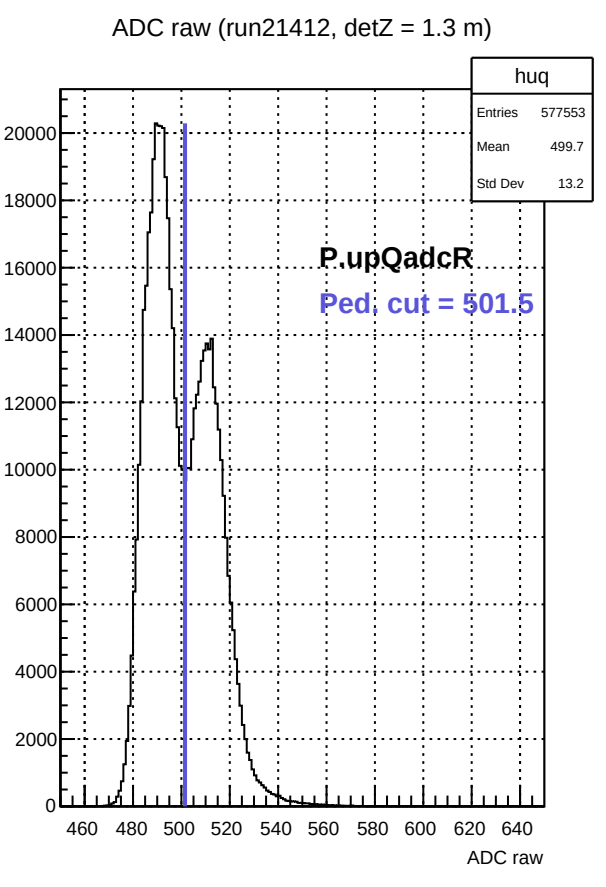

θlab (deg), pCut = 0.946 GeV
Theta
Entries 210656
Mean 4.788
Std Dev 0.4519
8000
7000
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

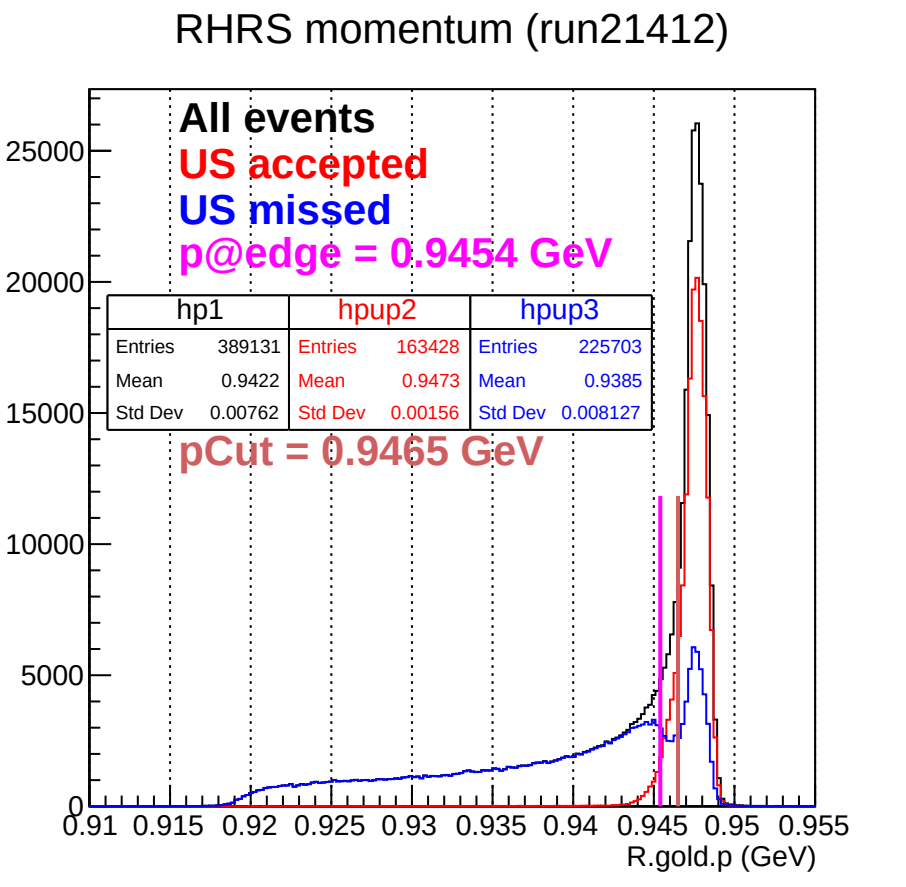

Asymmetry (ppm), pCut = 0.946 GeV
Asym
Entries 210656
Mean 0.5701
Std Dev 0.08462
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

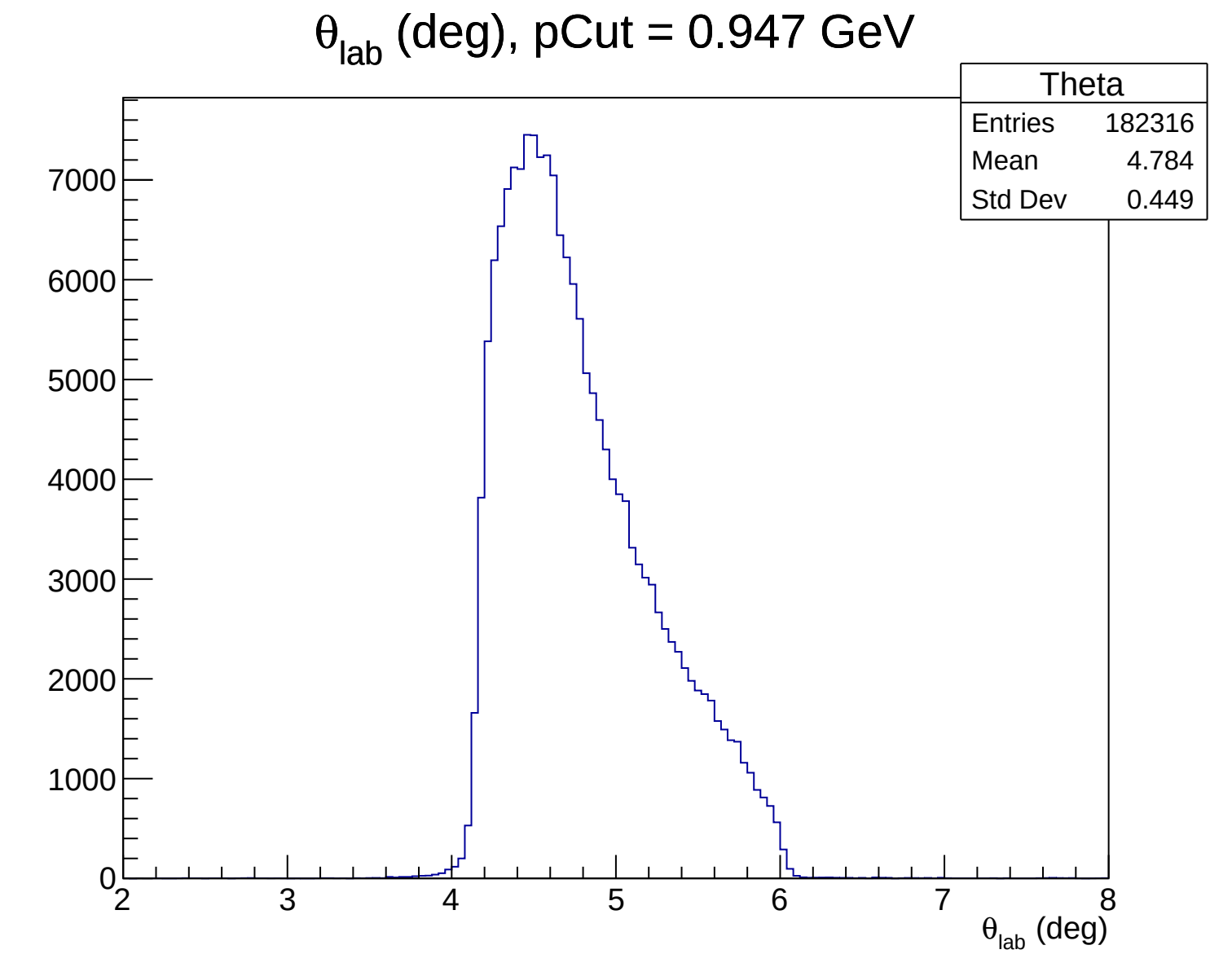

Stretched Asym. (ppm), pCut = 0.946 GeV
SAsym
Entries 210656
Mean 0.5571
Std Dev 0.0809
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

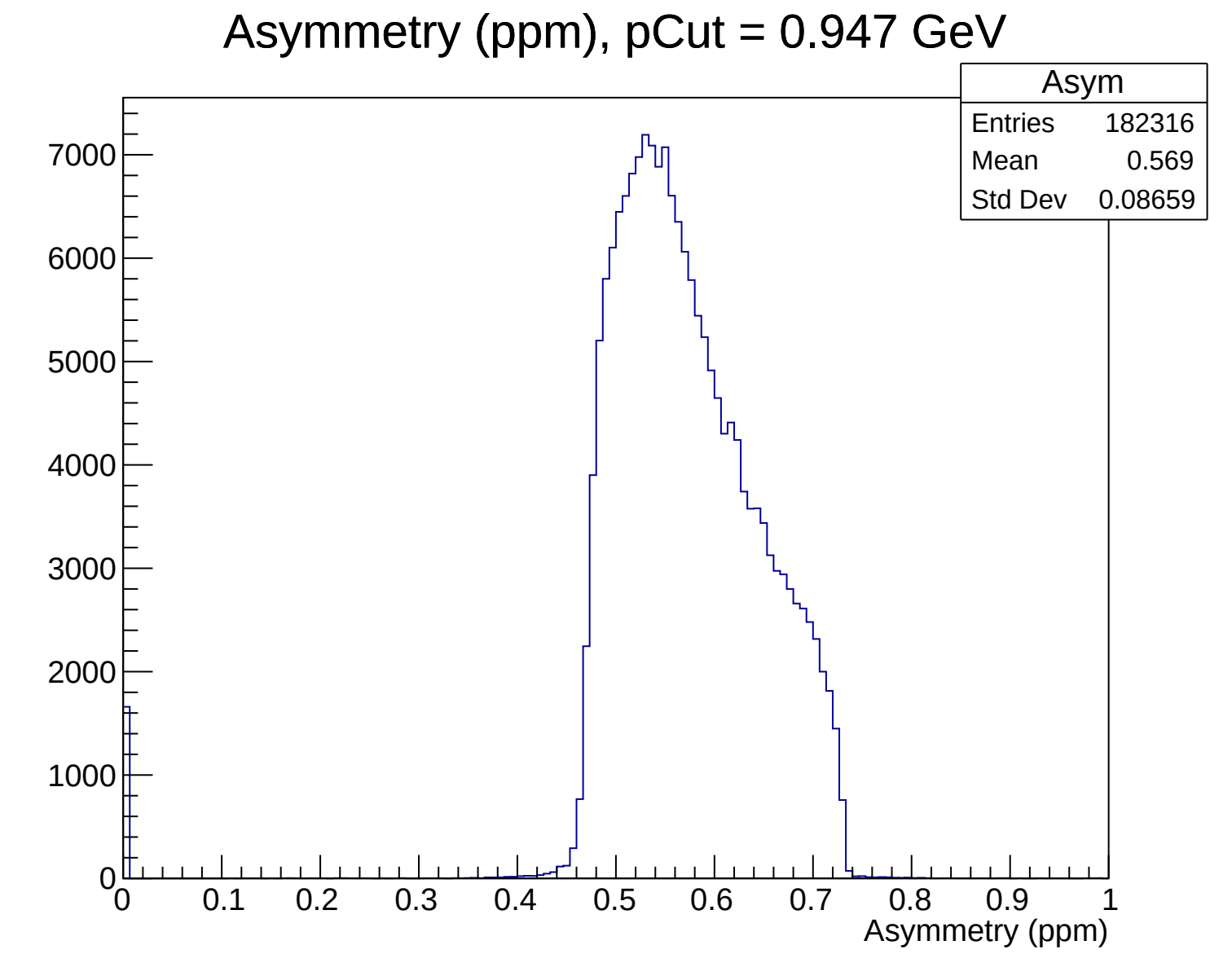

Q^2 (GeV/c)^2, pCut = 0.946 GeV
Q2
Entries 210656
Mean 0.006335
Std Dev 0.001222
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

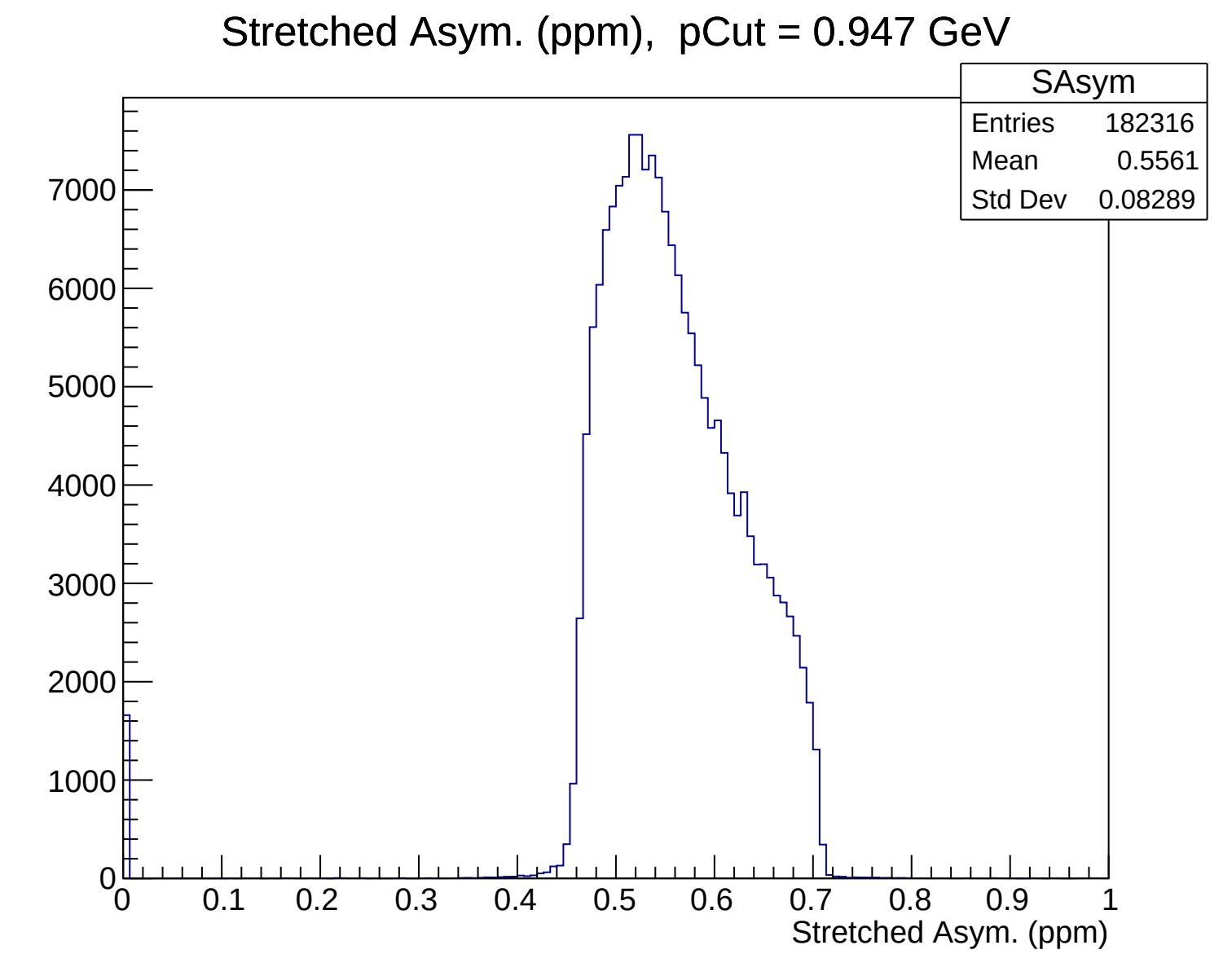

Sensitivity, pCut = 0.946 GeV
sens
Entries 210656
Mean 0.02229
Std Dev 0.003885
8000
7000
6000
5000
4000
3000
2000
1000
0
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

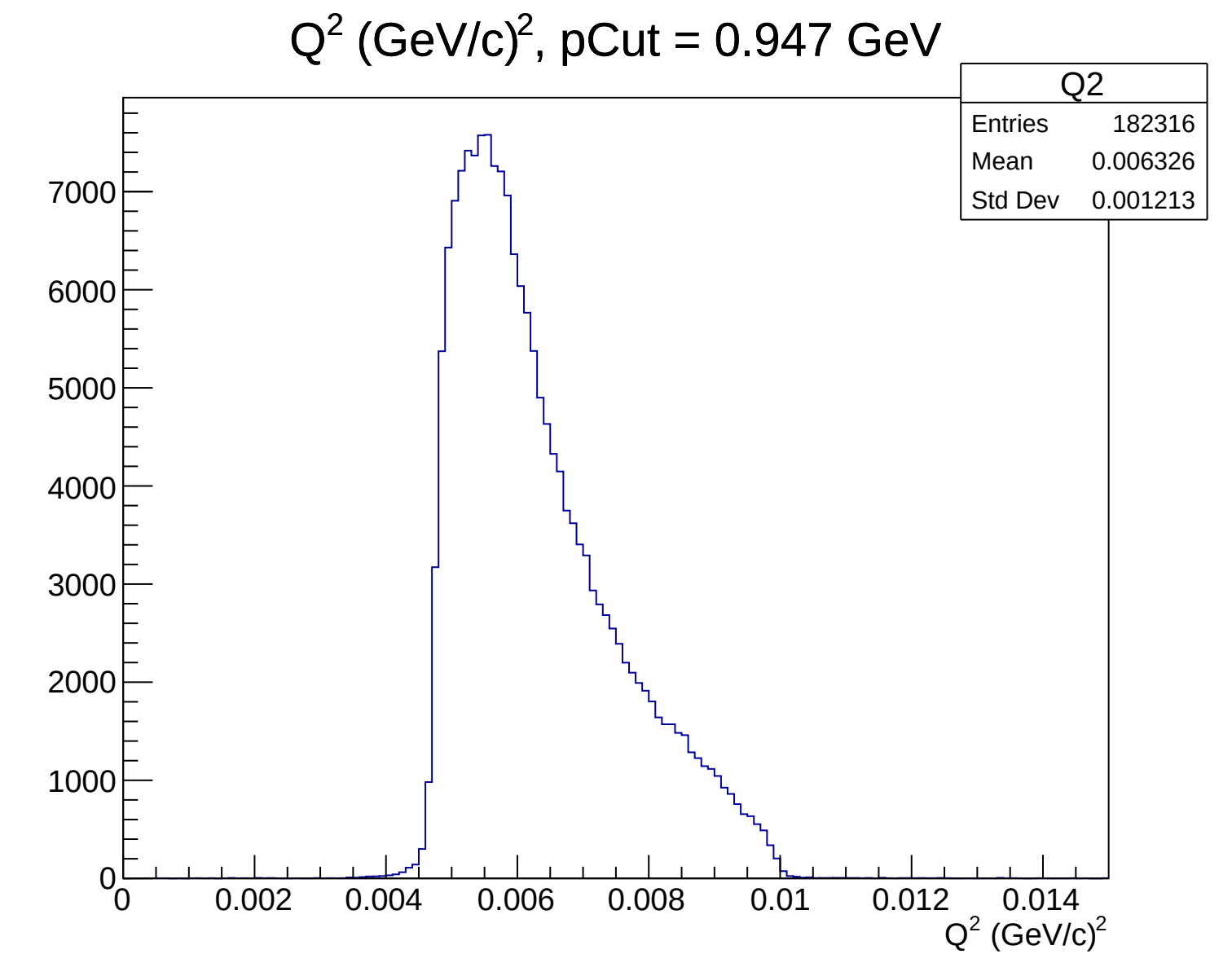

ADC raw (run21412, detZ = 1.3 m)
huq
Entries 577553
Mean 499.7
Std Dev 13.2
P.upQadcR
Ped. cut = 501.5
ADC raw

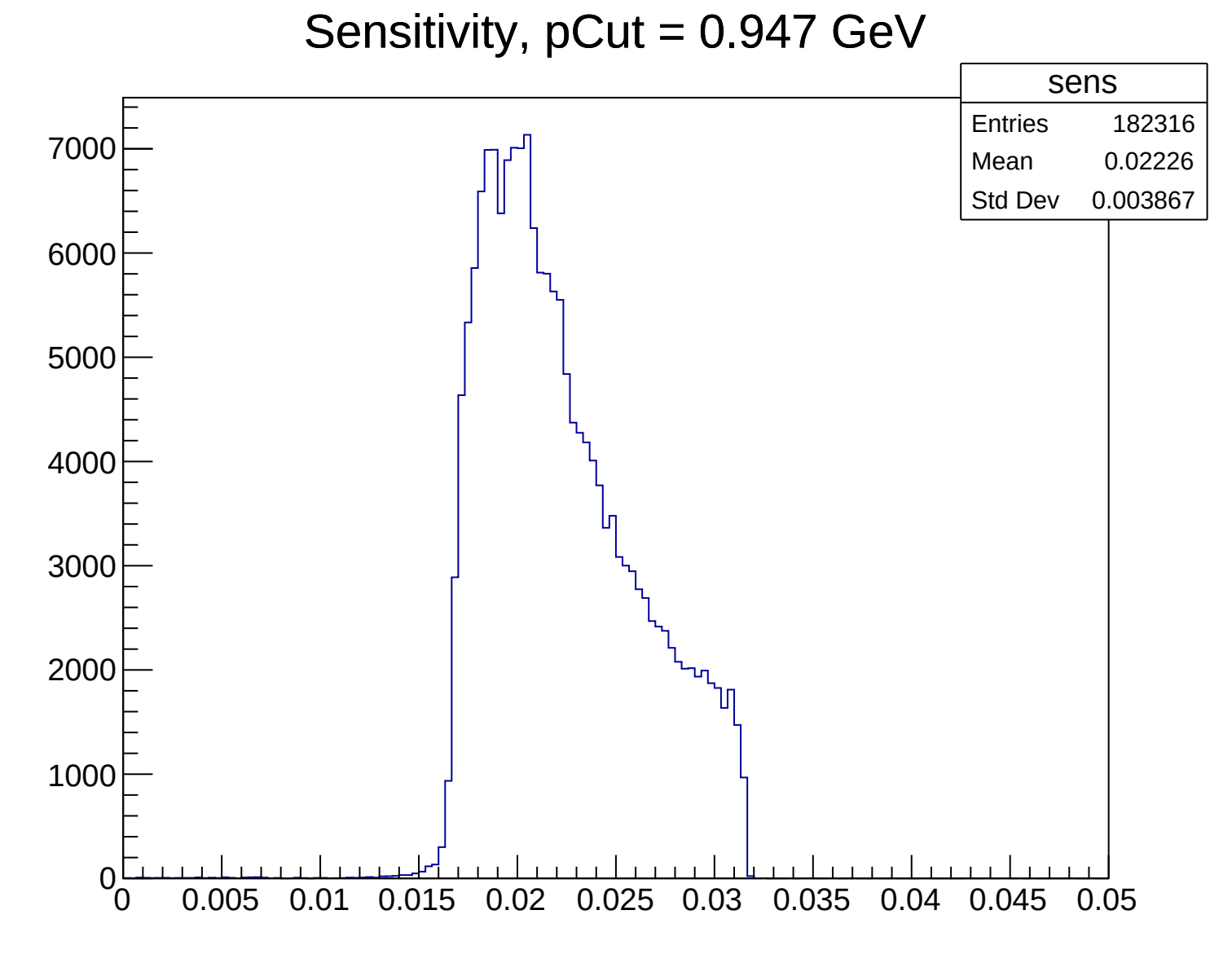

RHRS momentum (run21412)
All events
US accepted
US missed
p@edge = 0.9454 GeV
hp1
Entries 389131
Mean 0.9422
Std Dev 0.00762
hpup2
Entries 163428
Mean 0.9473
Std Dev 0.00156
hpup3
Entries 225703
Mean 0.9385
Std Dev 0.008127
pCut = 0.9465 GeV
R.gold.p (GeV)


θlab (deg), pCut = 0.947 GeV
Theta
Entries 182316
Mean 4.784
Std Dev 0.449
7000
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)


Asymmetry (ppm), pCut = 0.947 GeV
Asym
Entries 182316
Mean 0.569
Std Dev 0.08659
7000
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)


Stretched Asym. (ppm), pCut = 0.947 GeV
SAsym
Entries 182316
Mean 0.5561
Std Dev 0.08289
7000
6000
5000
4000
3000
2000
1000
0
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, pCut = 0.947 GeV
Q2
Entries 182316
Mean 0.006326
Std Dev 0.001213
7000
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2


Sensitivity, pCut = 0.947 GeV
sens
Entries 182316
Mean 0.02226
Std Dev 0.003867
7000
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05