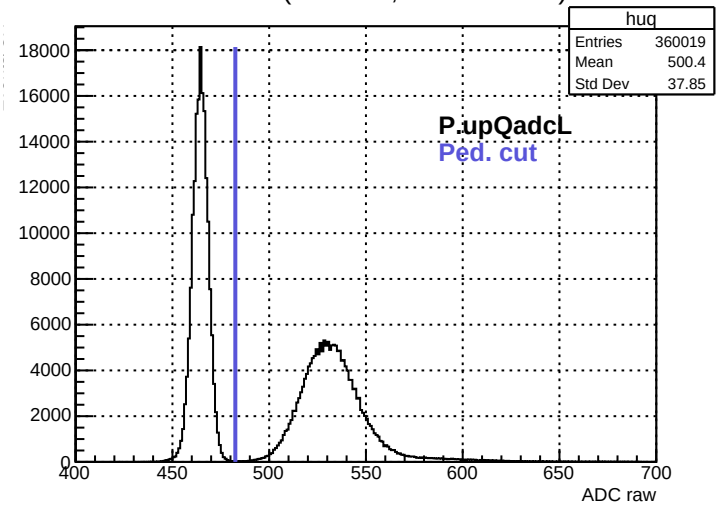
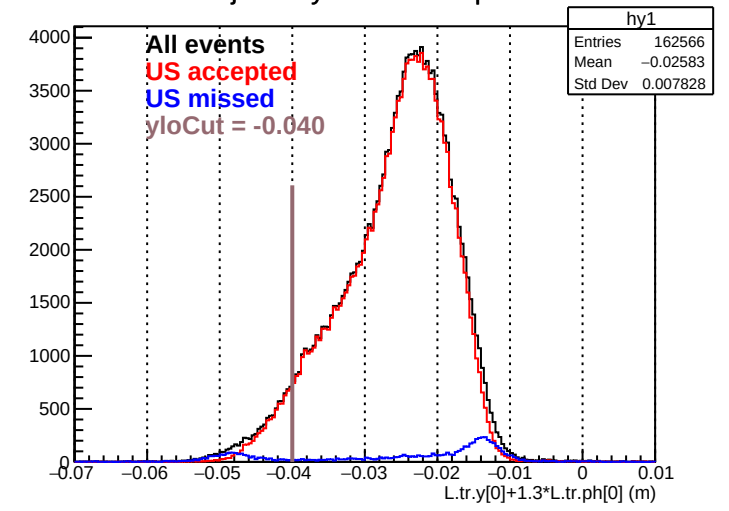
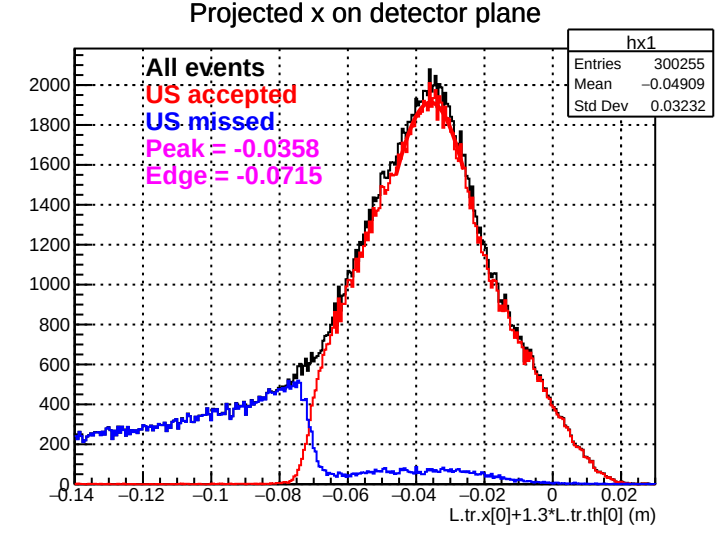
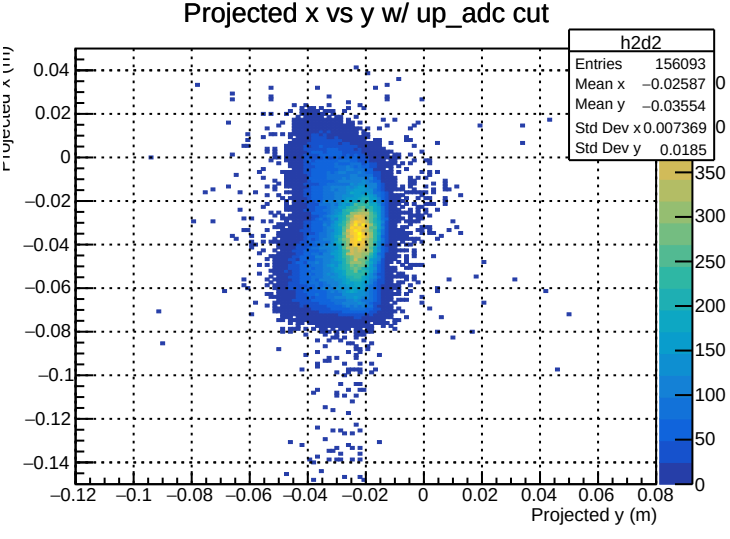
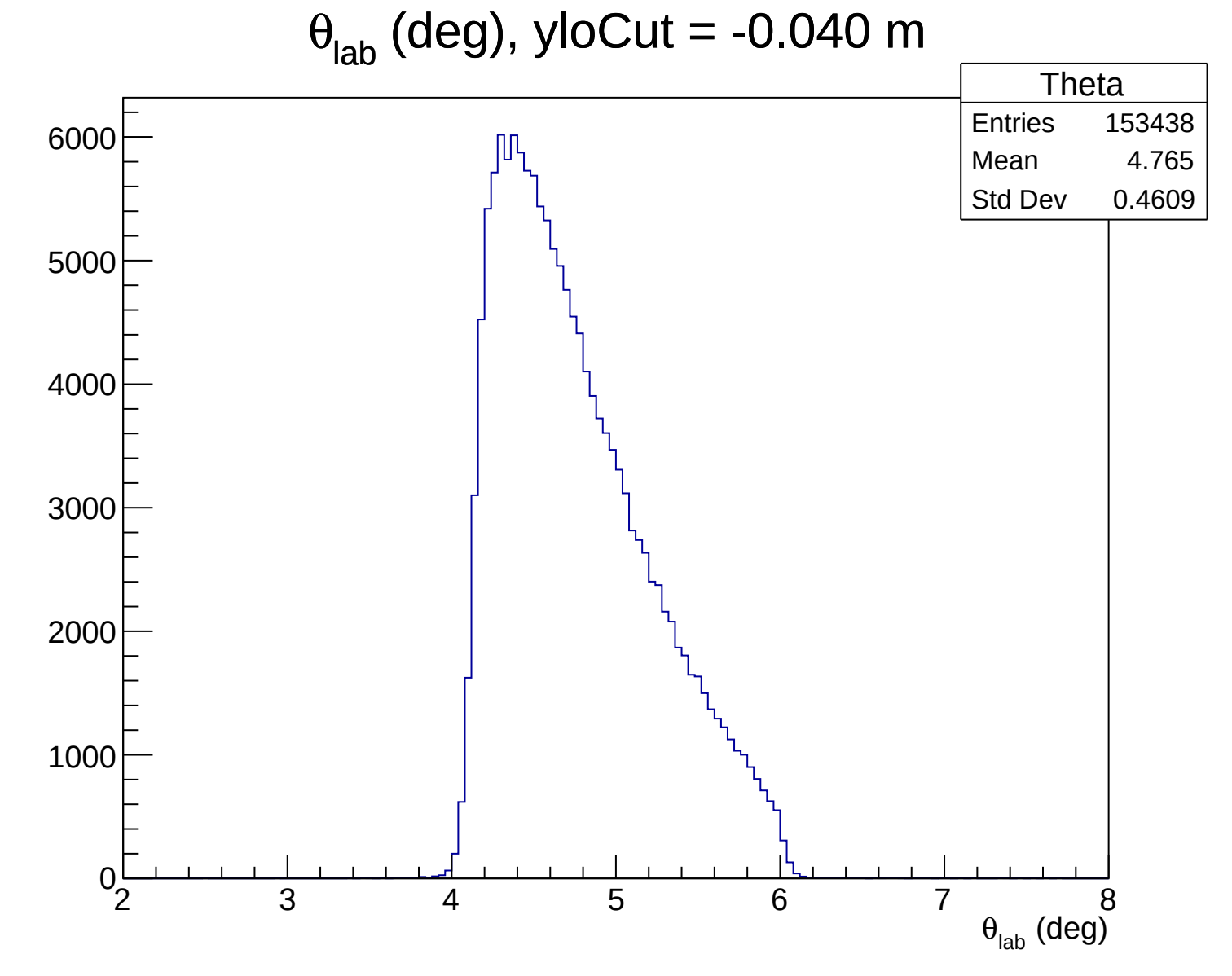
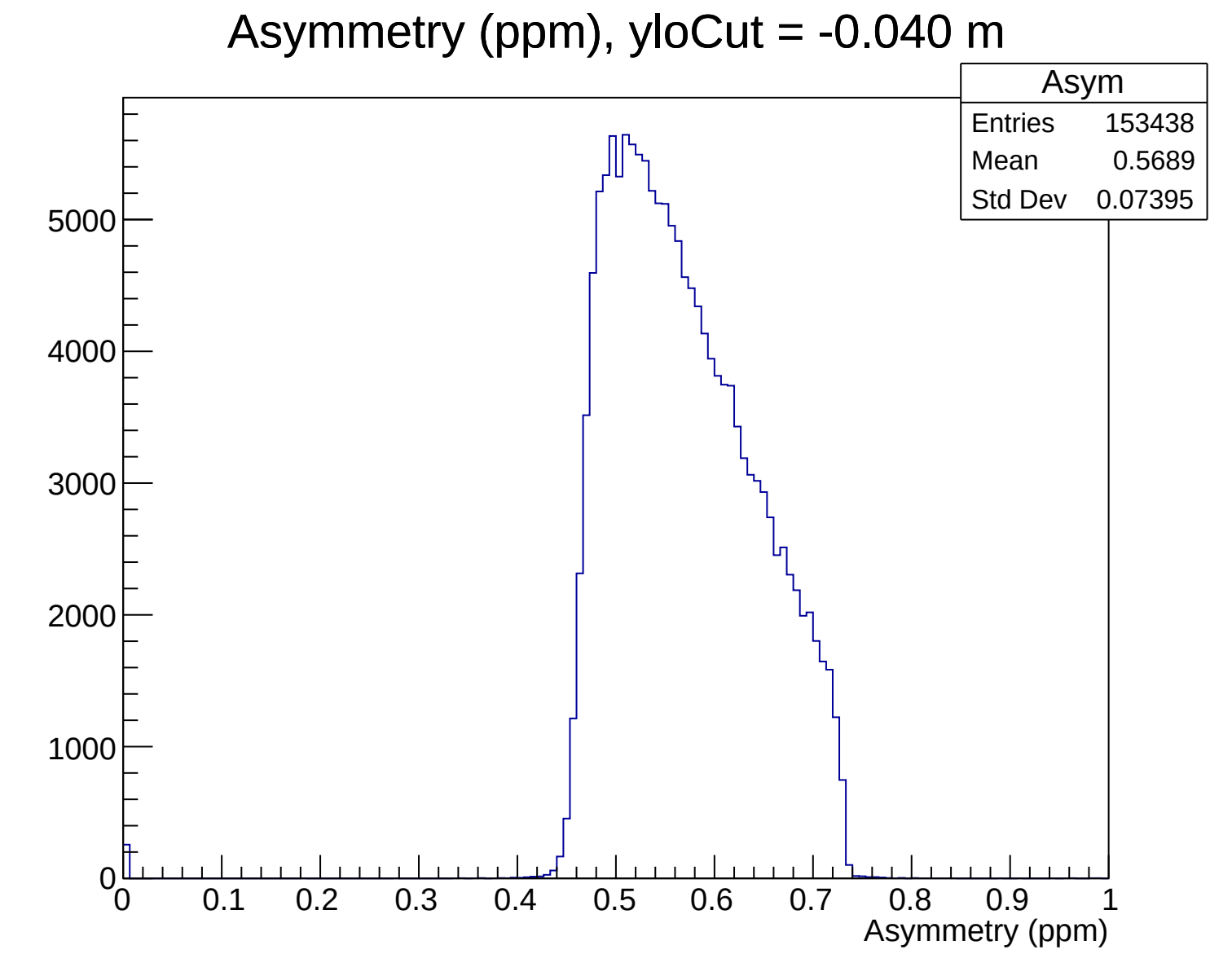

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

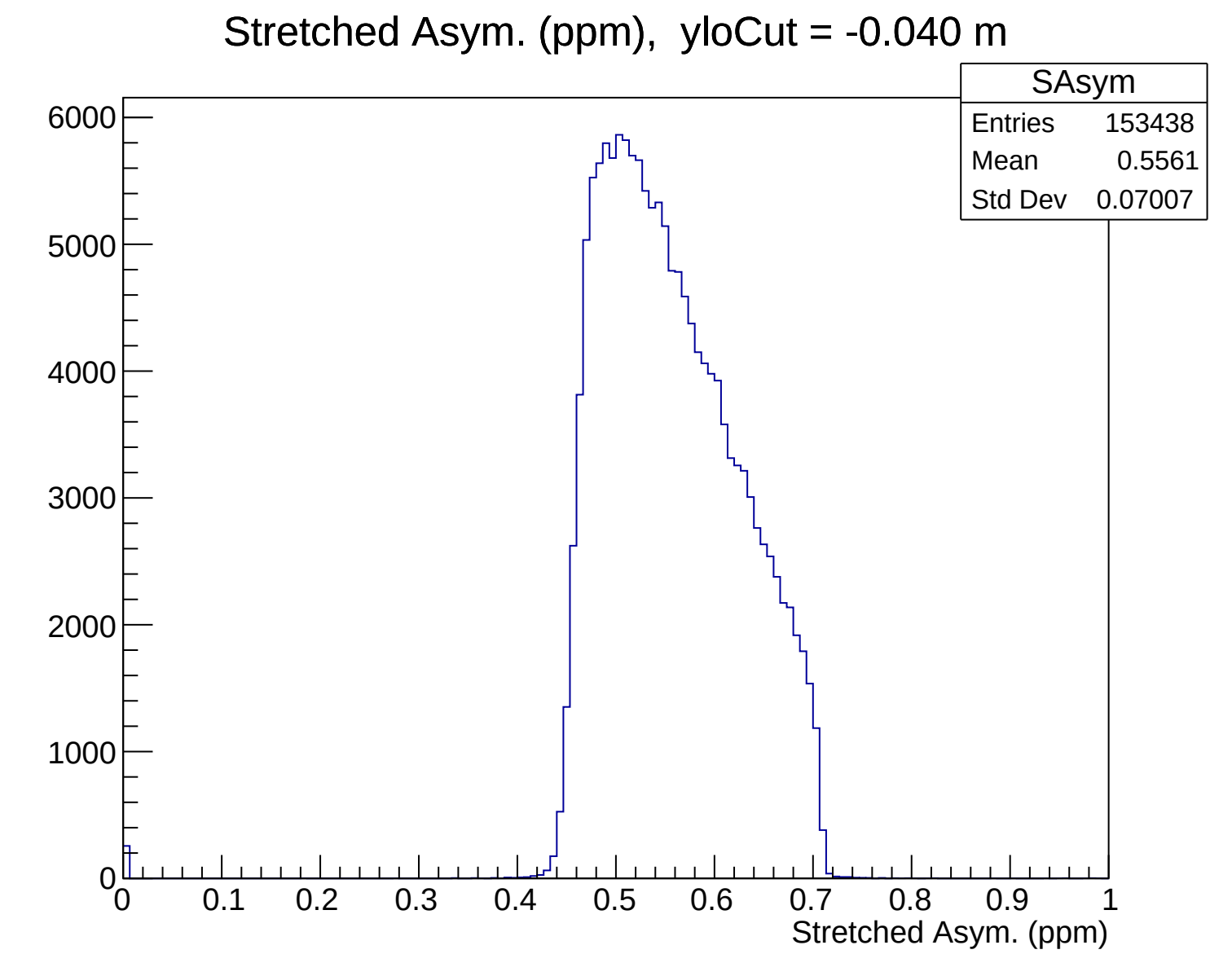

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.040
L.tr.y[0]+1.3*L.tr.ph[0] (m)

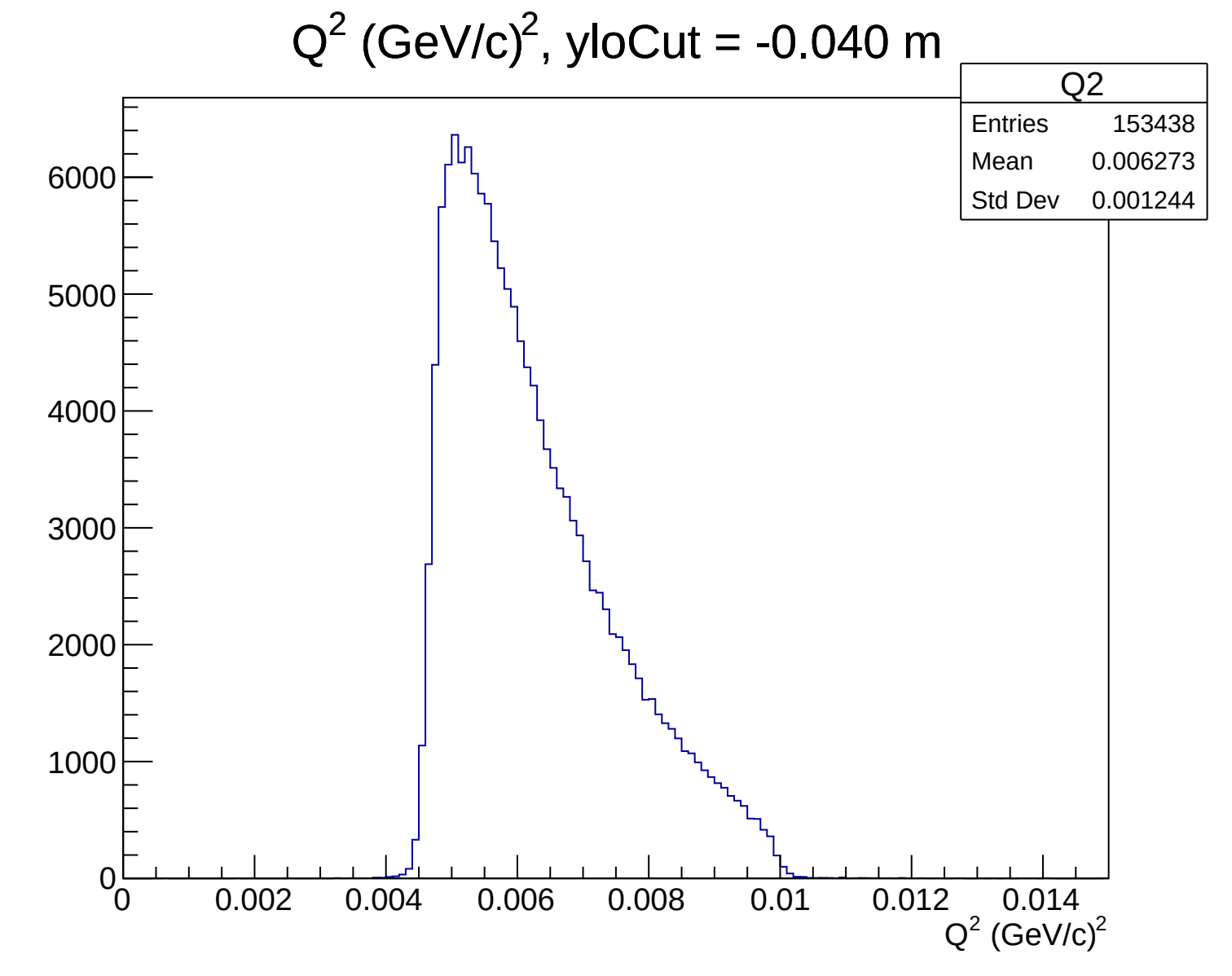

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

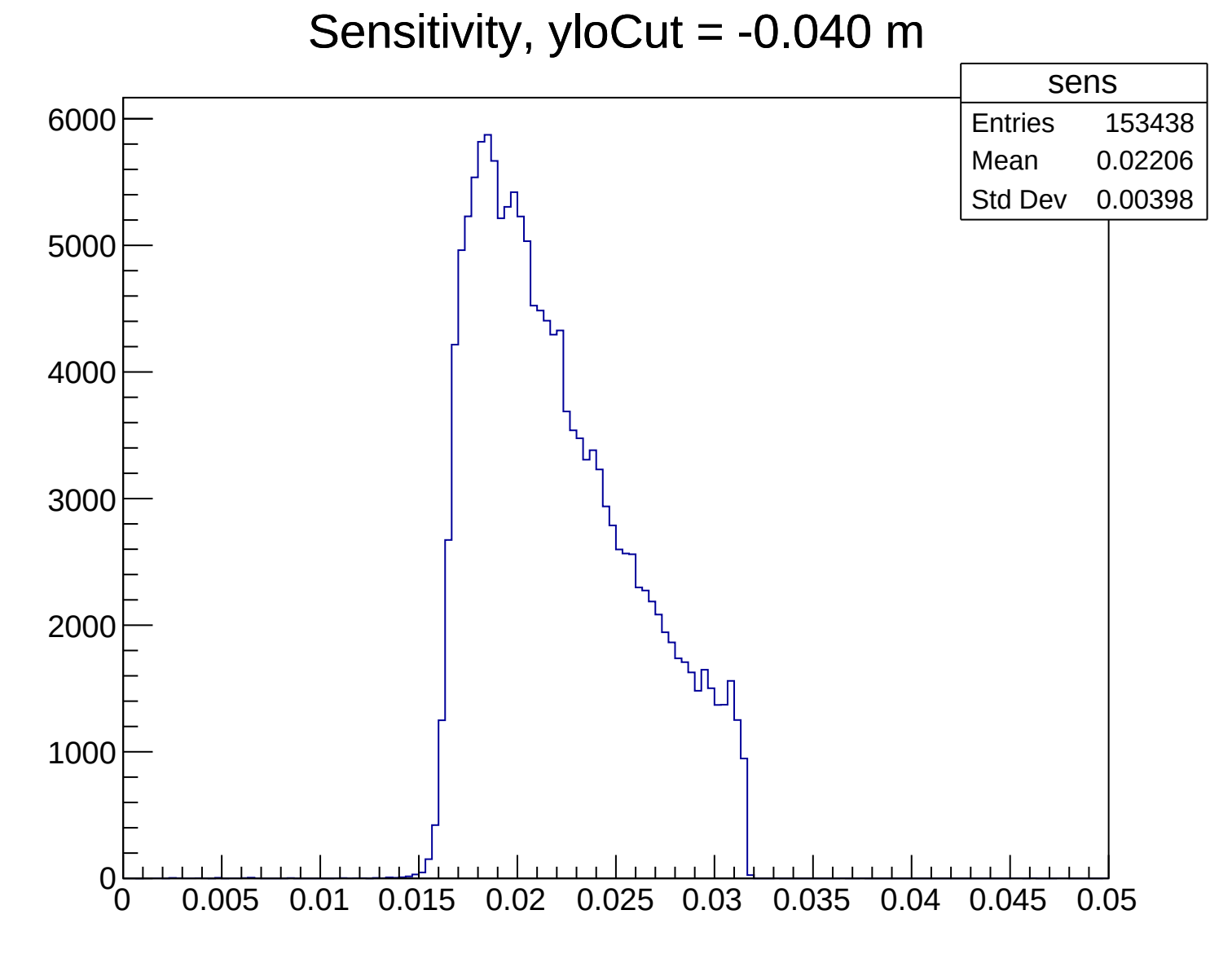

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

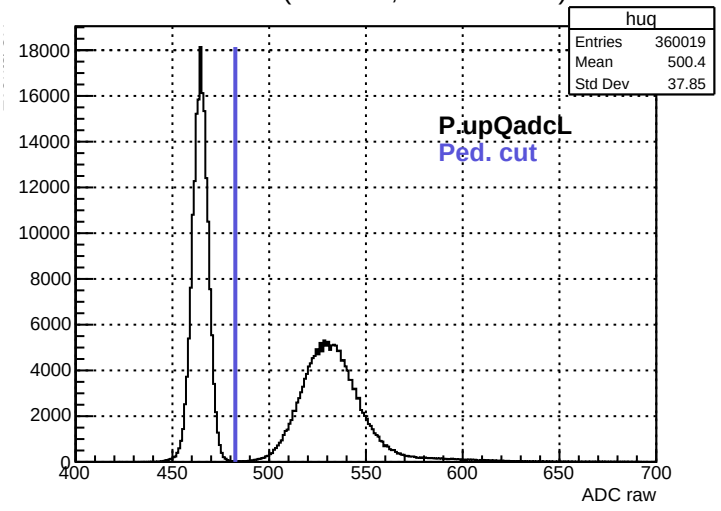

θlab (deg), yloCut = -0.040 m
Theta
Entries 153438
Mean 4.765
Std Dev 0.4609
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

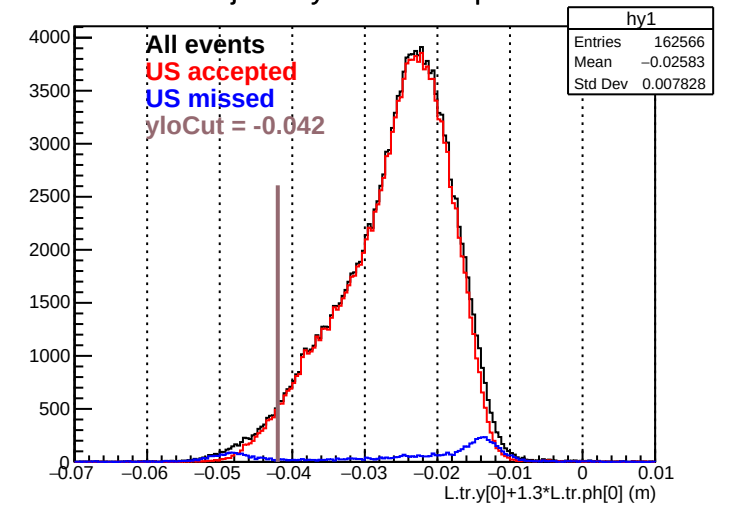

Asymmetry (ppm), yloCut = -0.040 m
Asym
Entries 153438
Mean 0.5689
Std Dev 0.07395
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

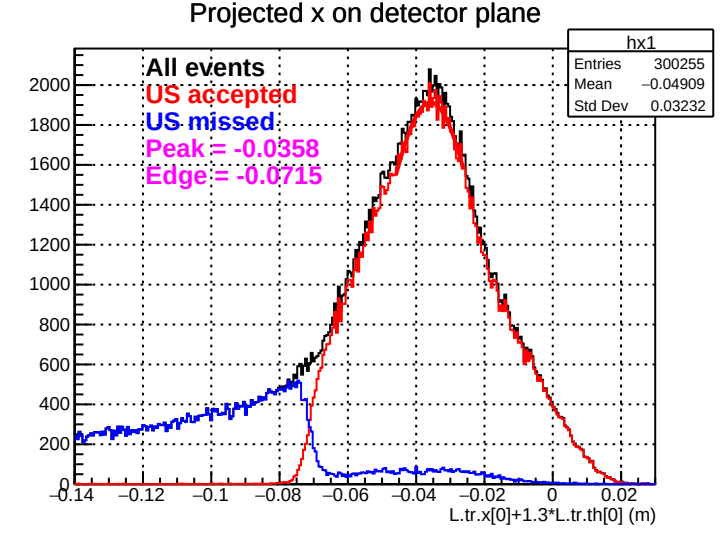

Stretched Asym. (ppm), yloCut = -0.040 m
SAsym
Entries 153438
Mean 0.5561
Std Dev 0.07007
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

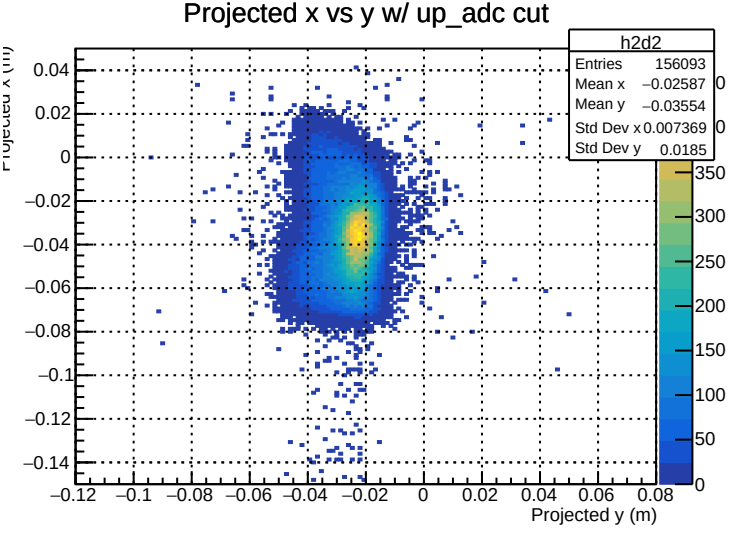

Q^2 (GeV/c)^2, yloCut = -0.040 m
Q2
Entries 153438
Mean 0.006273
Std Dev 0.001244
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

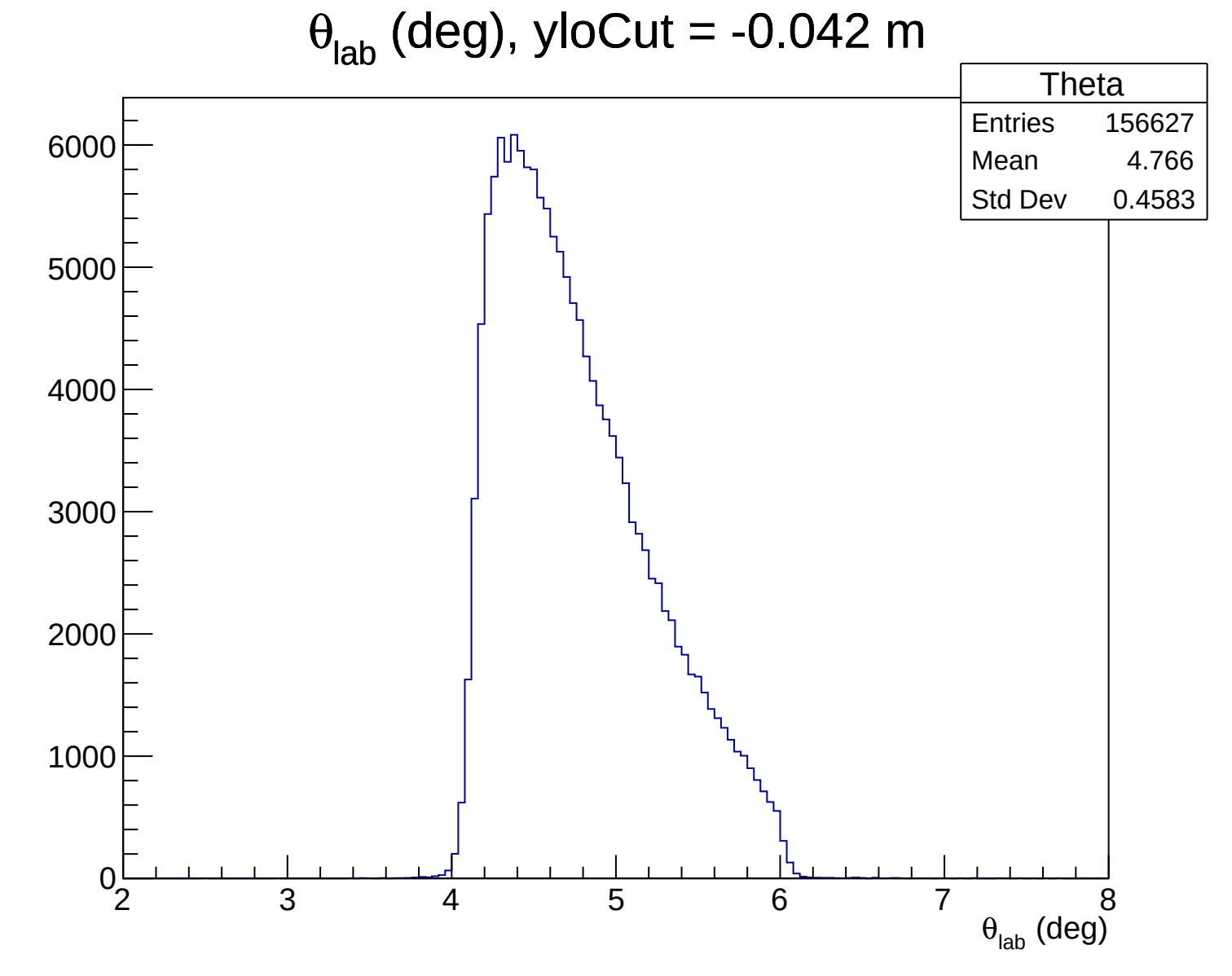

Sensitivity, yloCut = -0.040 m
sens
Entries 153438
Mean 0.02206
Std Dev 0.00398
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

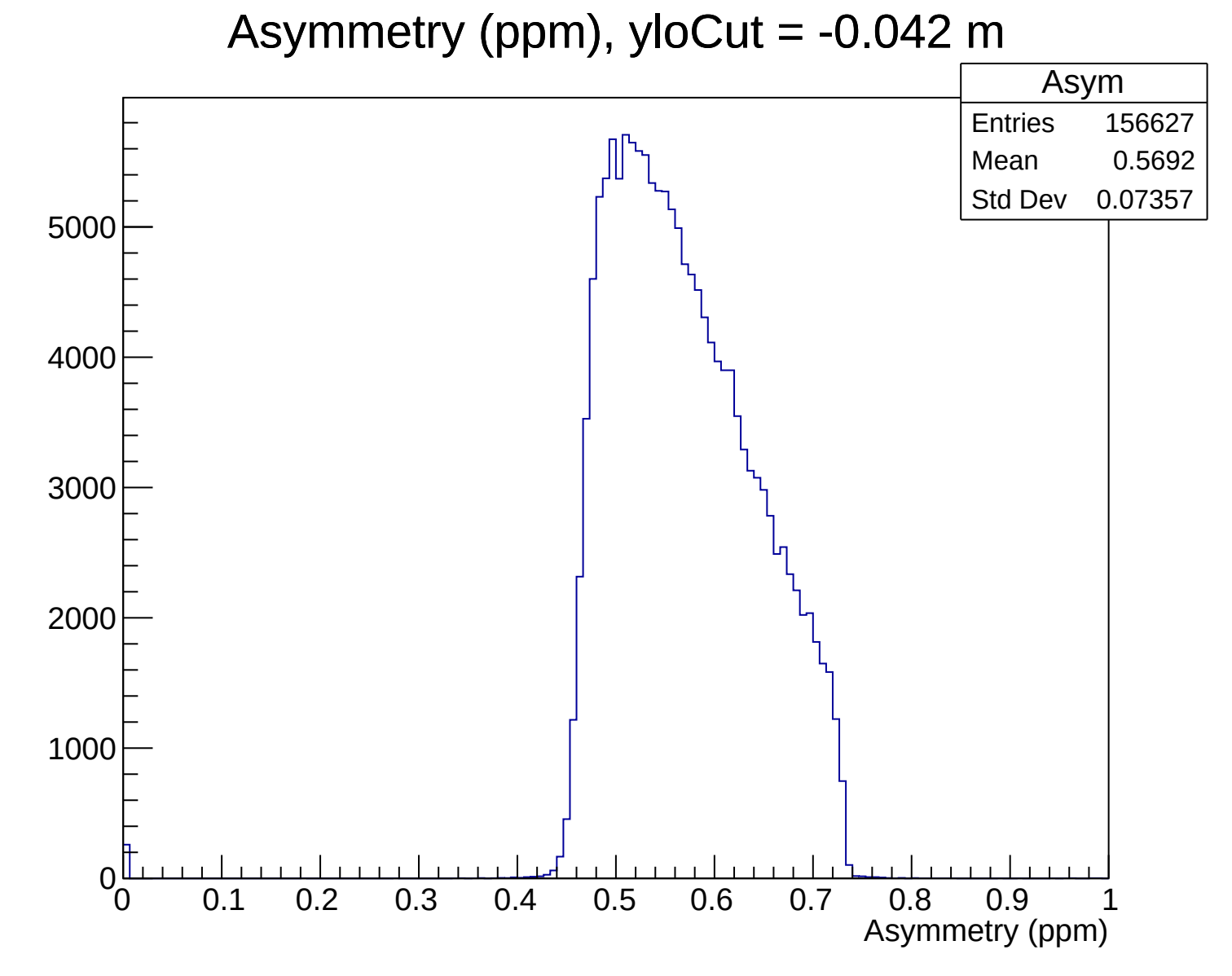

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

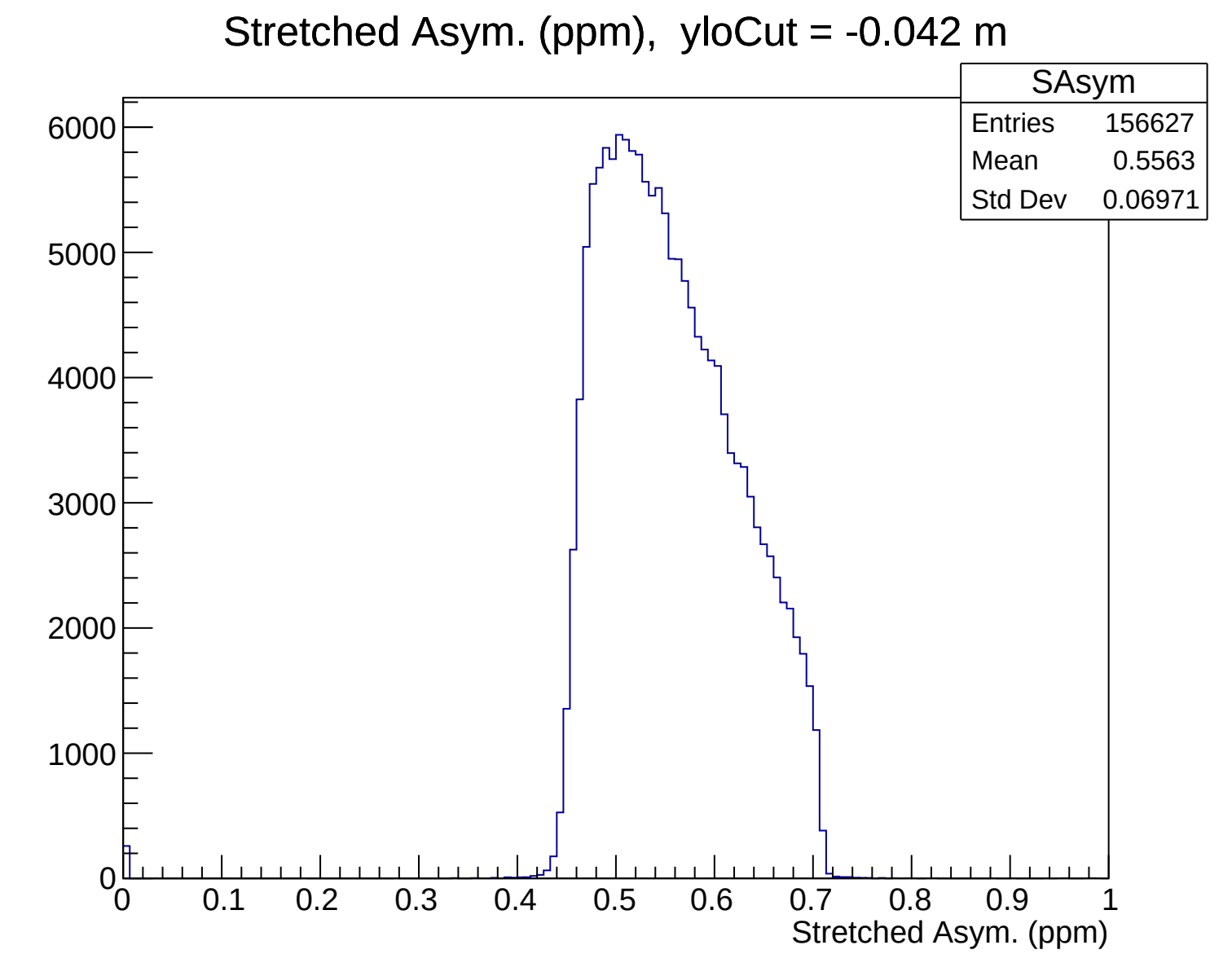

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.042
L.tr.y[0]+1.3*L.tr.ph[0] (m)

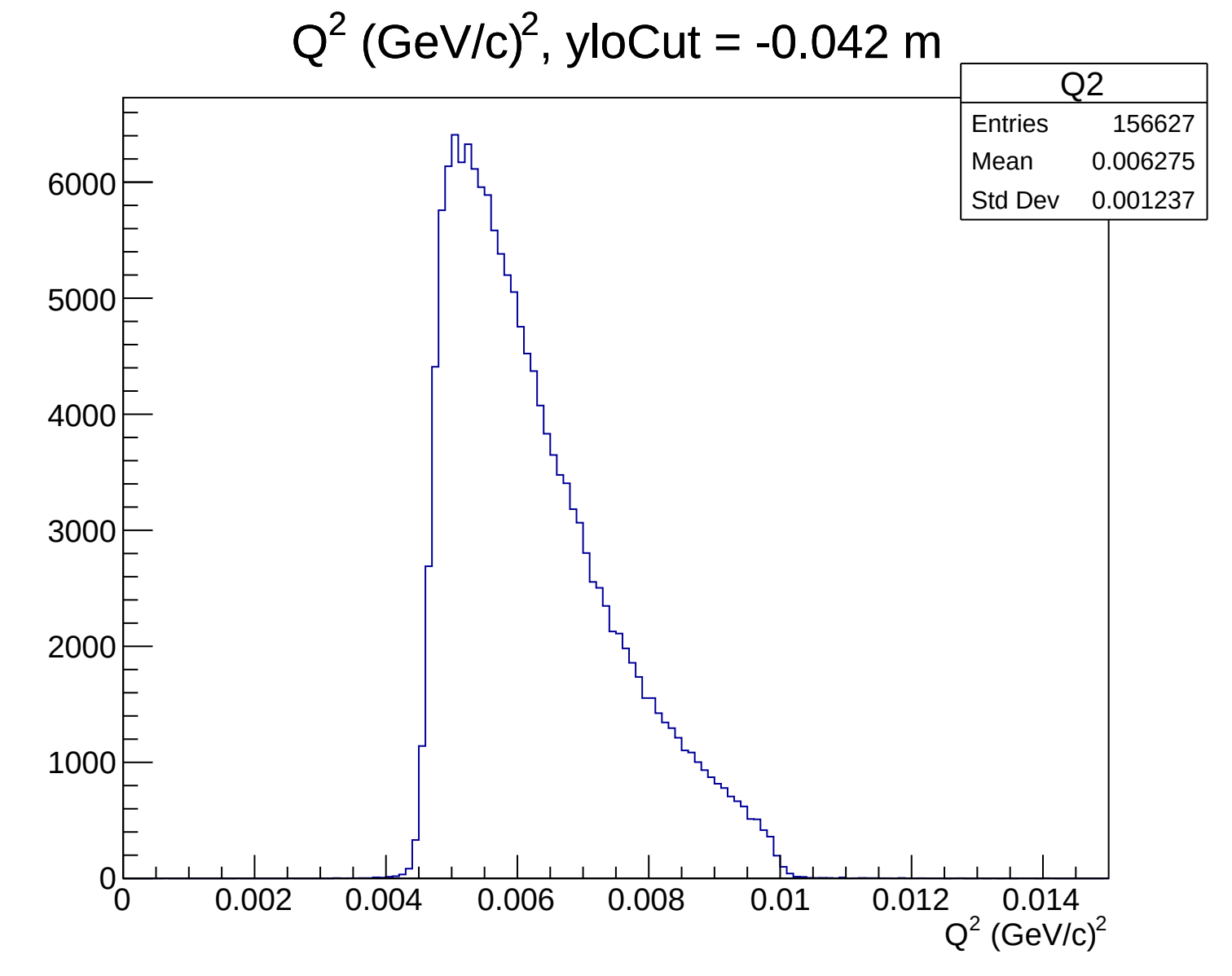

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

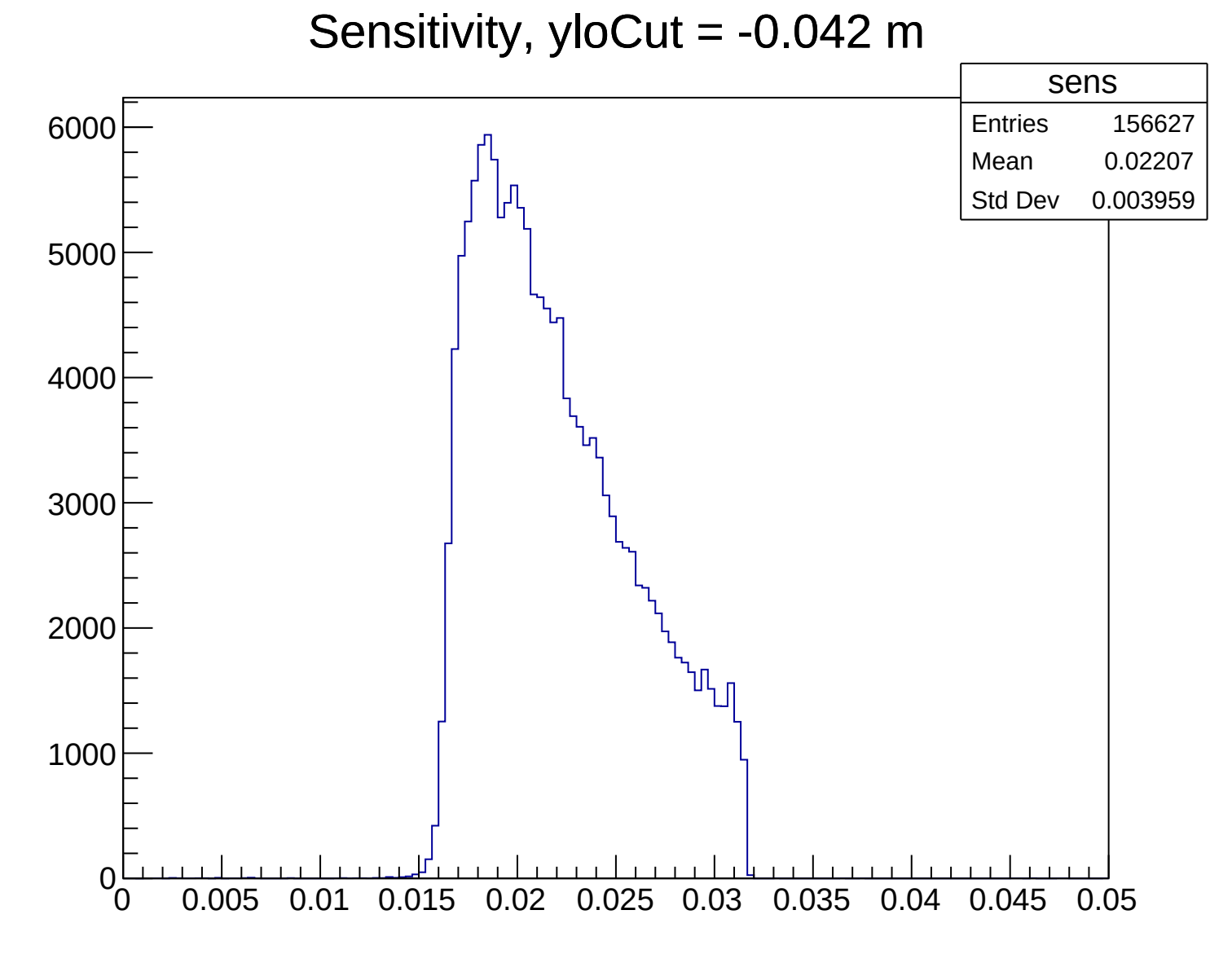

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

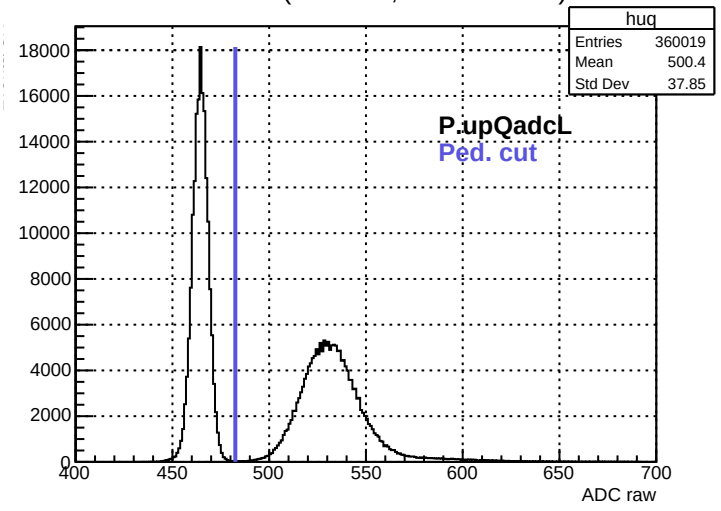

θlab (deg), yloCut = -0.042 m
Theta
Entries 156627
Mean 4.766
Std Dev 0.4583
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

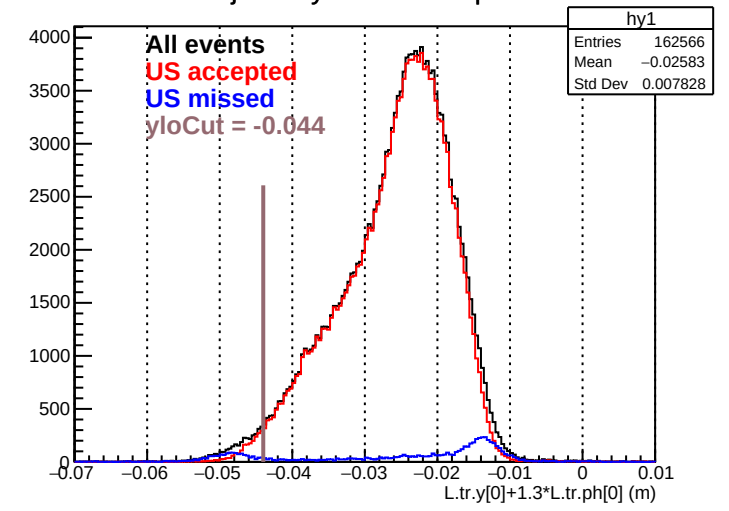

Asymmetry (ppm), yloCut = -0.042 m
Asym
Entries 156627
Mean 0.5692
Std Dev 0.07357
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

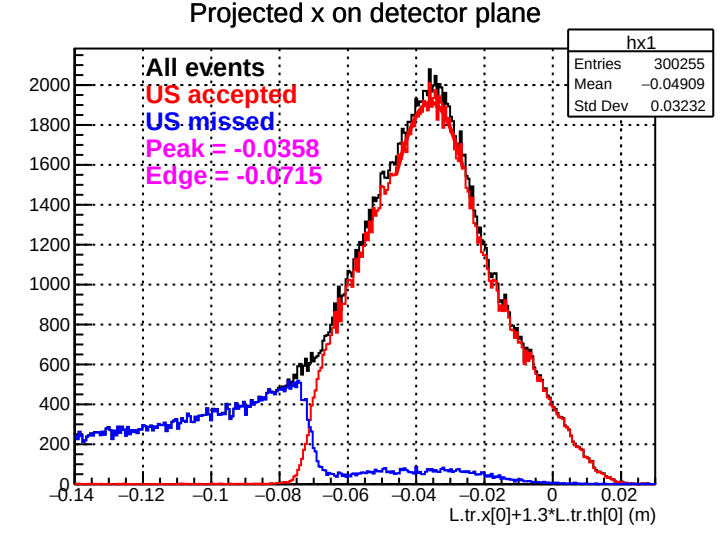

Stretched Asym. (ppm), yloCut = -0.042 m
SAsym
Entries 156627
Mean 0.5563
Std Dev 0.06971
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

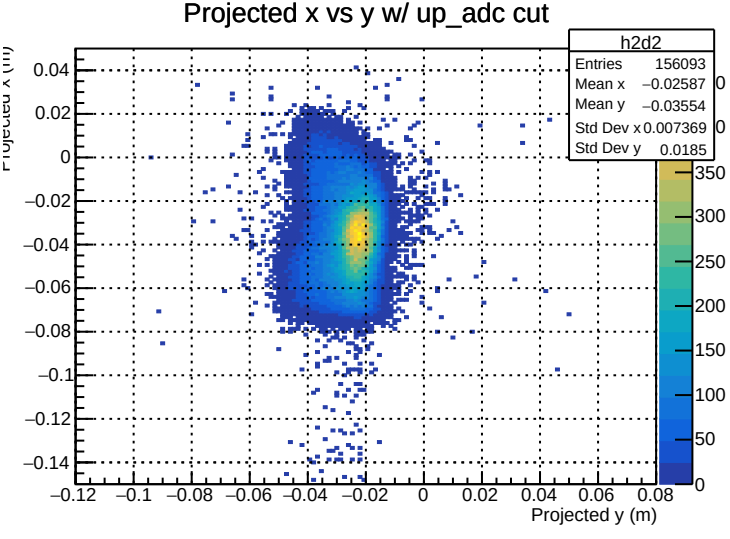

Q^2 (GeV/c)^2, yloCut = -0.042 m
Q2
Entries 156627
Mean 0.006275
Std Dev 0.001237
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

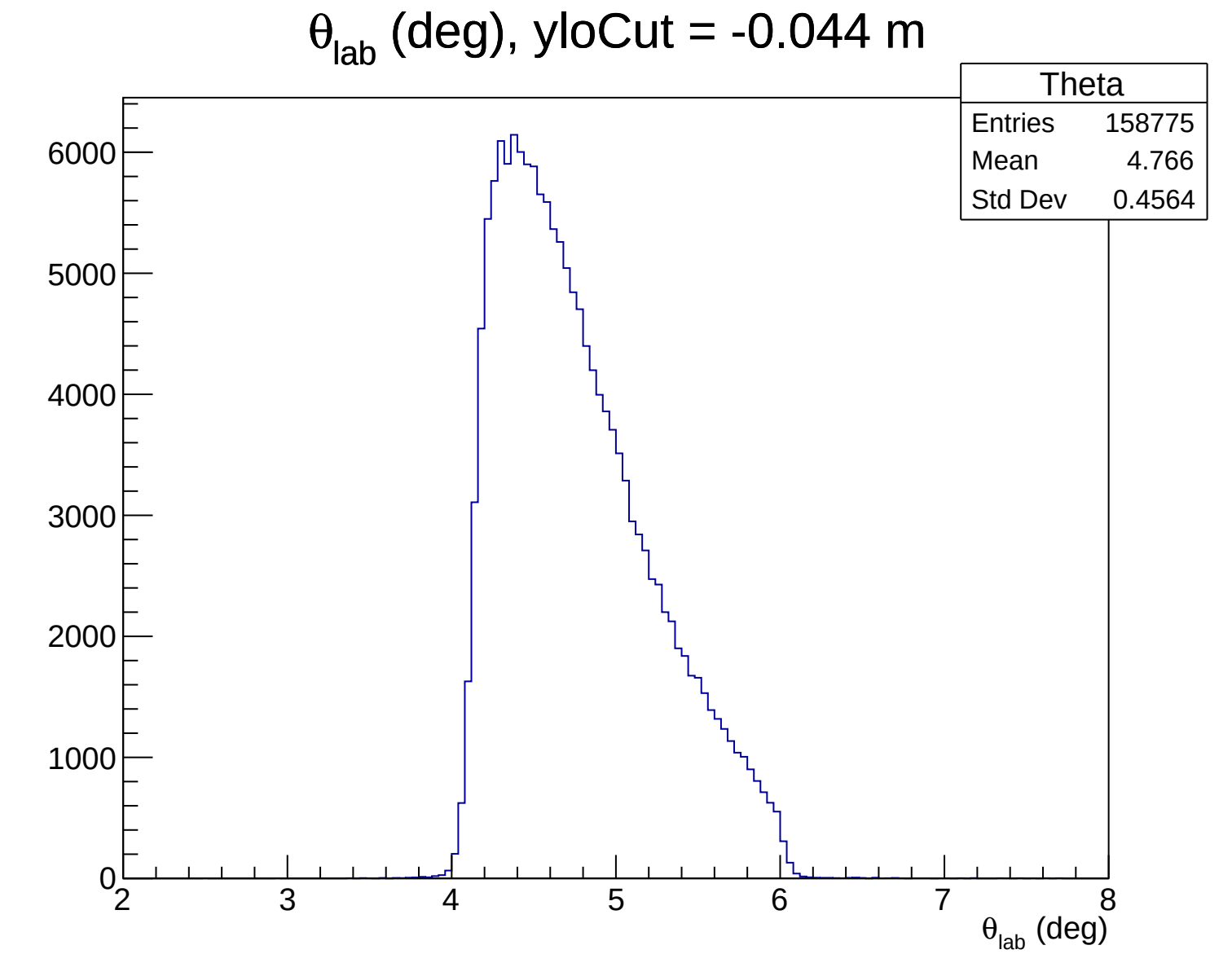

Sensitivity, yloCut = -0.042 m
sens
Entries 156627
Mean 0.02207
Std Dev 0.003959
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

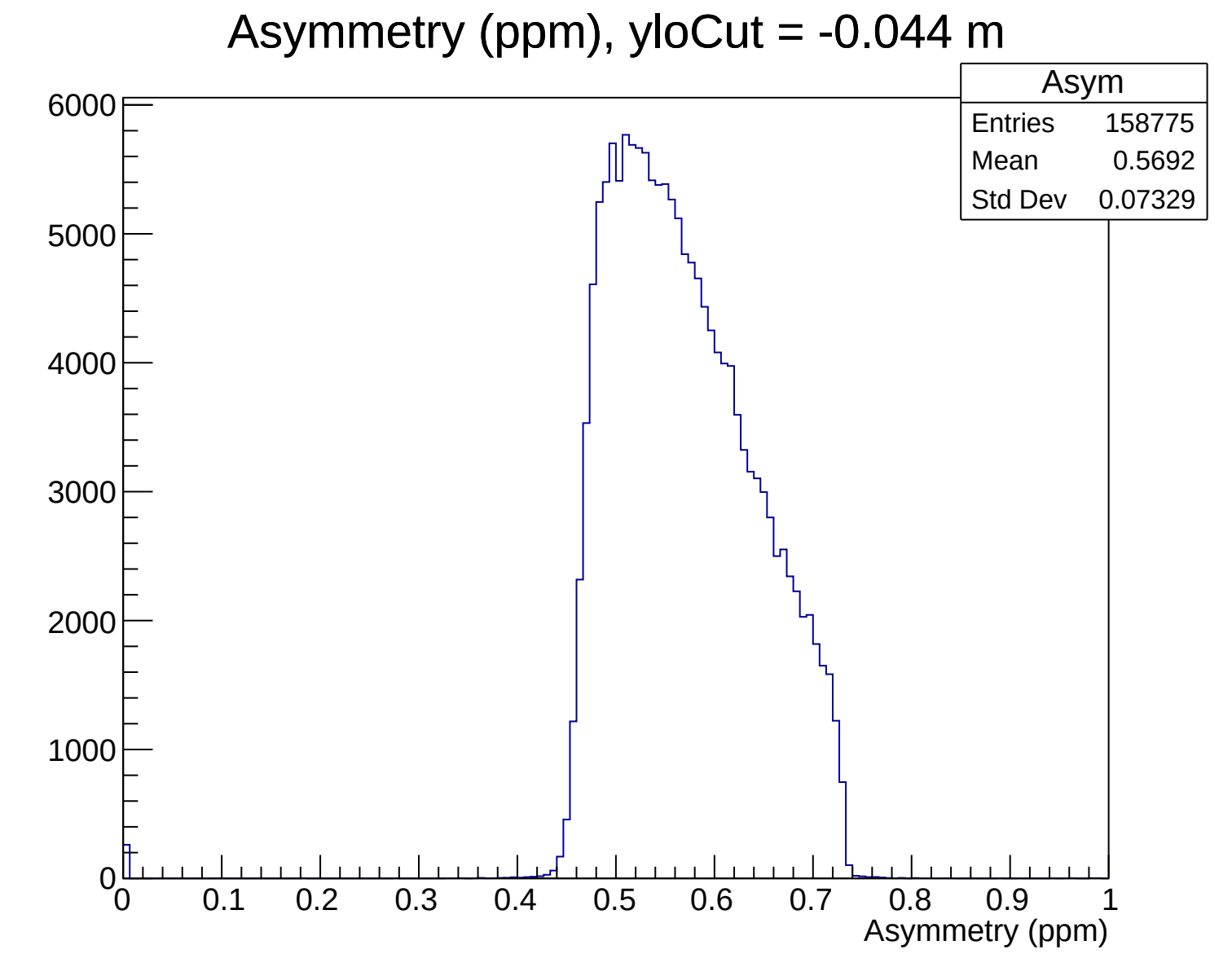

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

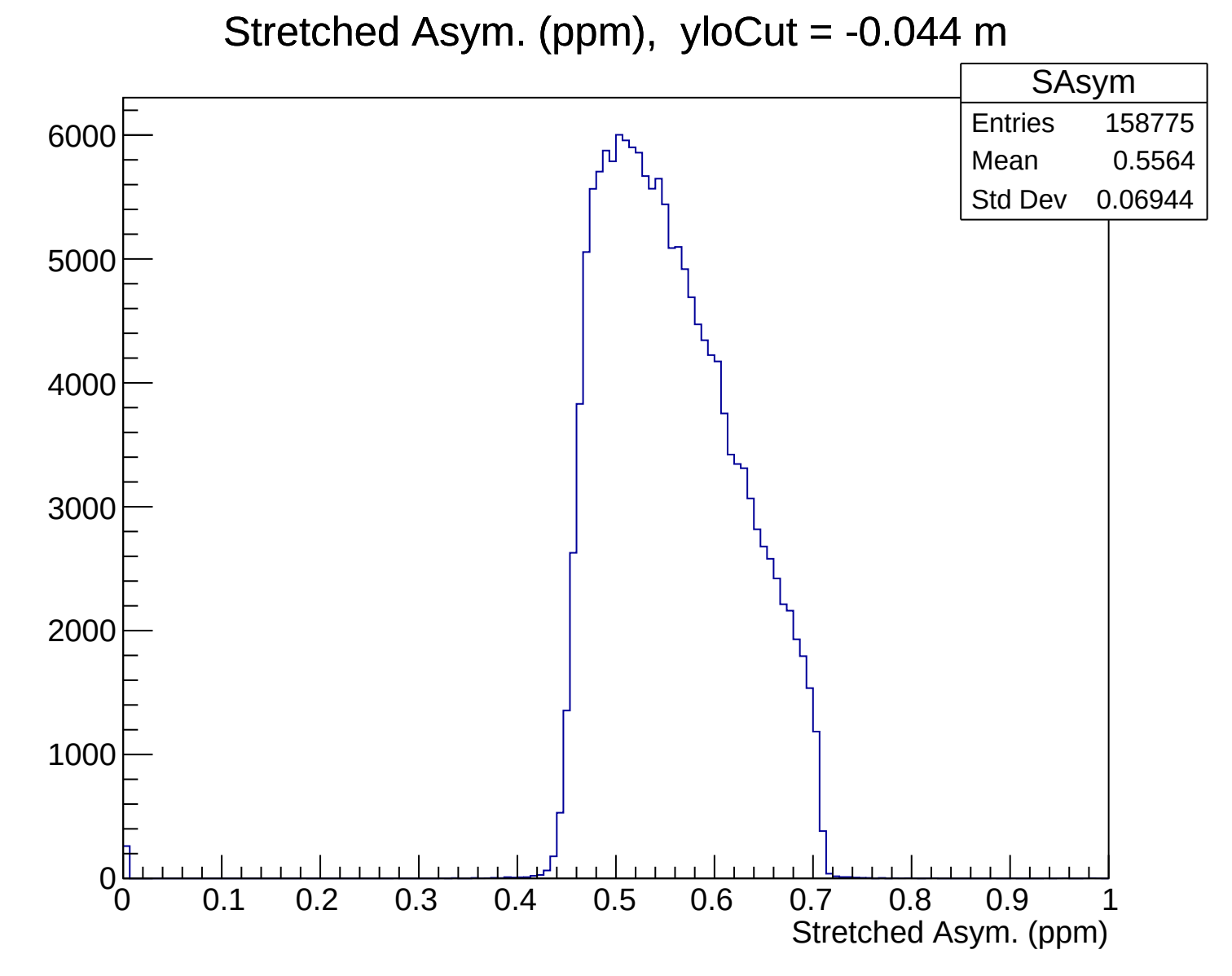

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.044
L.tr.y[0]+1.3*L.tr.ph[0] (m)

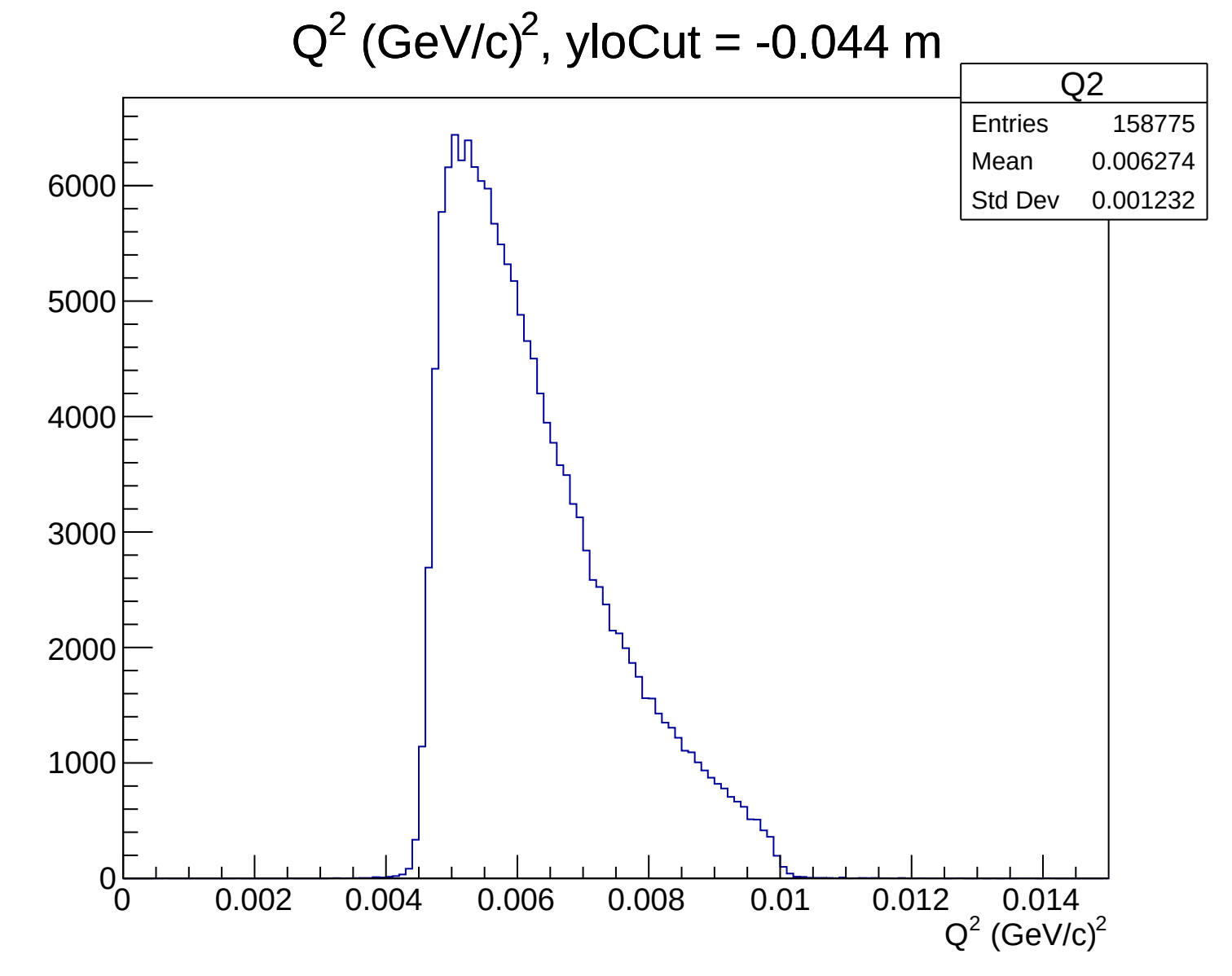

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

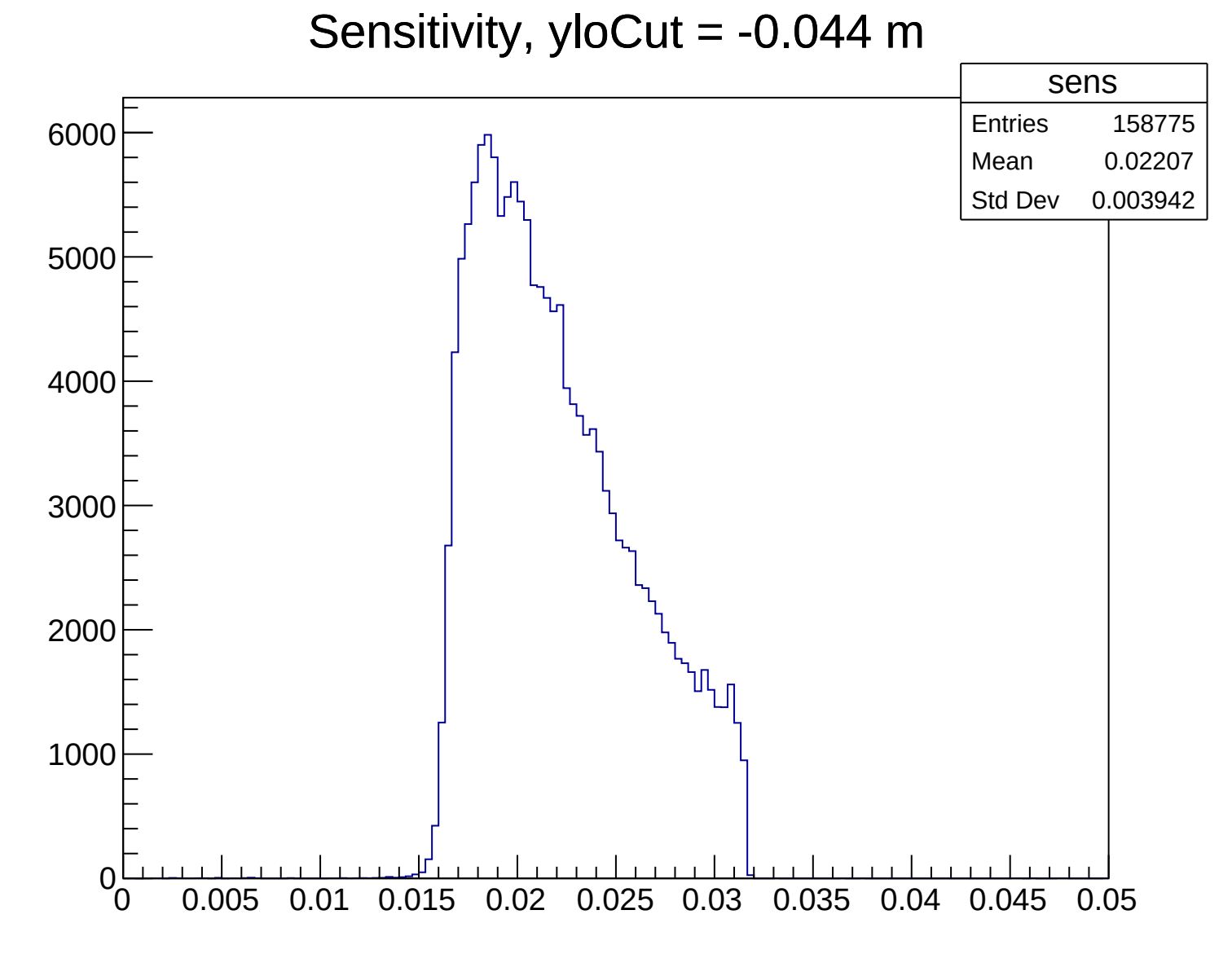

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

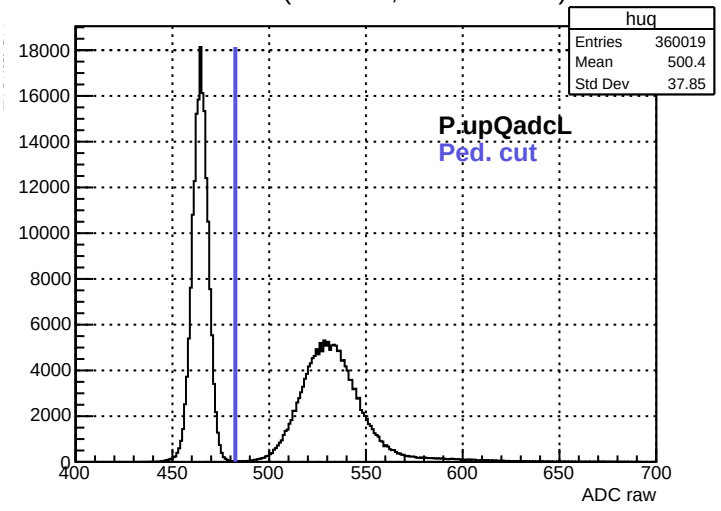

θlab (deg), yloCut = -0.044 m
Theta
Entries 158775
Mean 4.766
Std Dev 0.4564
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

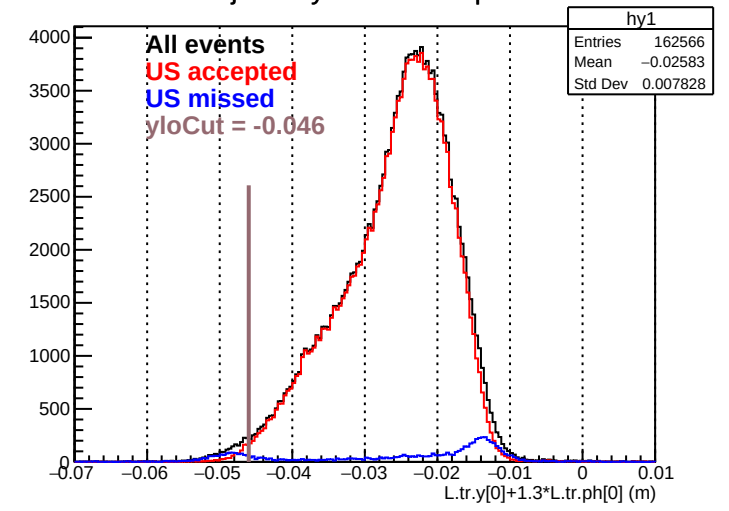

Asymmetry (ppm), yloCut = -0.044 m
Asym
Entries 158775
Mean 0.5692
Std Dev 0.07329
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Asymmetry (ppm)

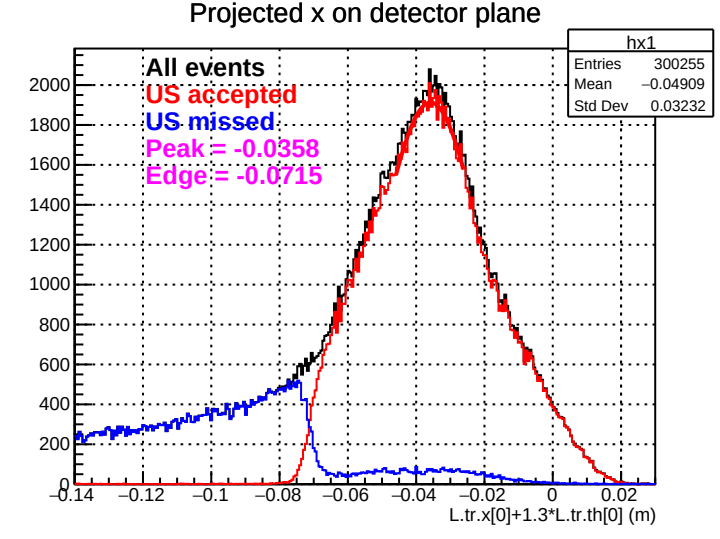

Stretched Asym. (ppm), yloCut = -0.044 m
SAsym
Entries 158775
Mean 0.5564
Std Dev 0.06944
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

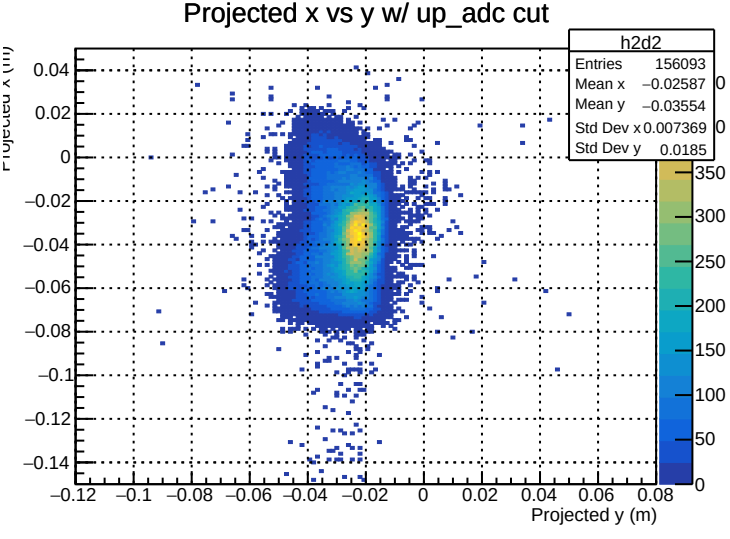

Q^2 (GeV/c)^2, yloCut = -0.044 m
Q2
Entries 158775
Mean 0.006274
Std Dev 0.001232
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

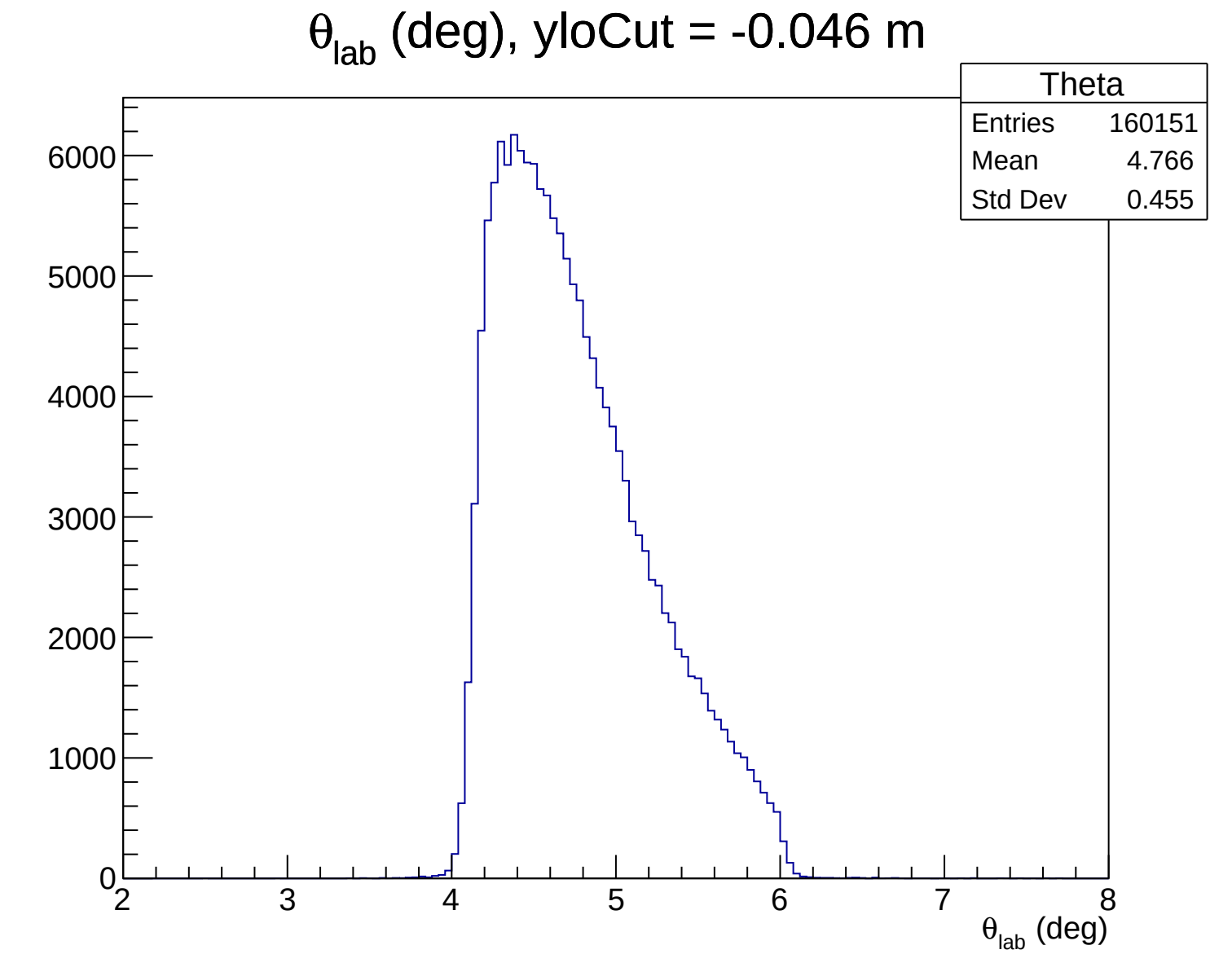

Sensitivity, yloCut = -0.044 m
sens
Entries 158775
Mean 0.02207
Std Dev 0.003942
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

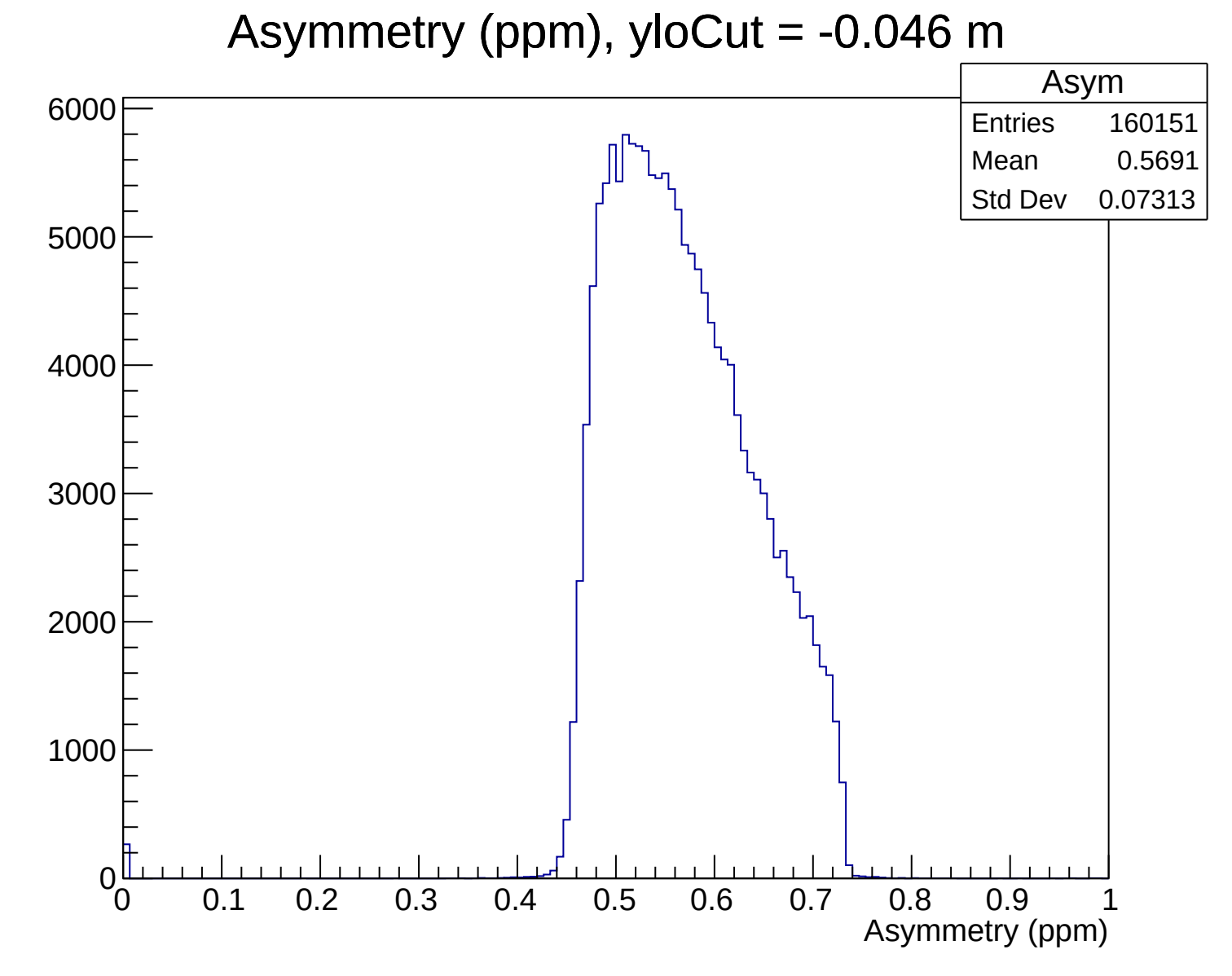

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

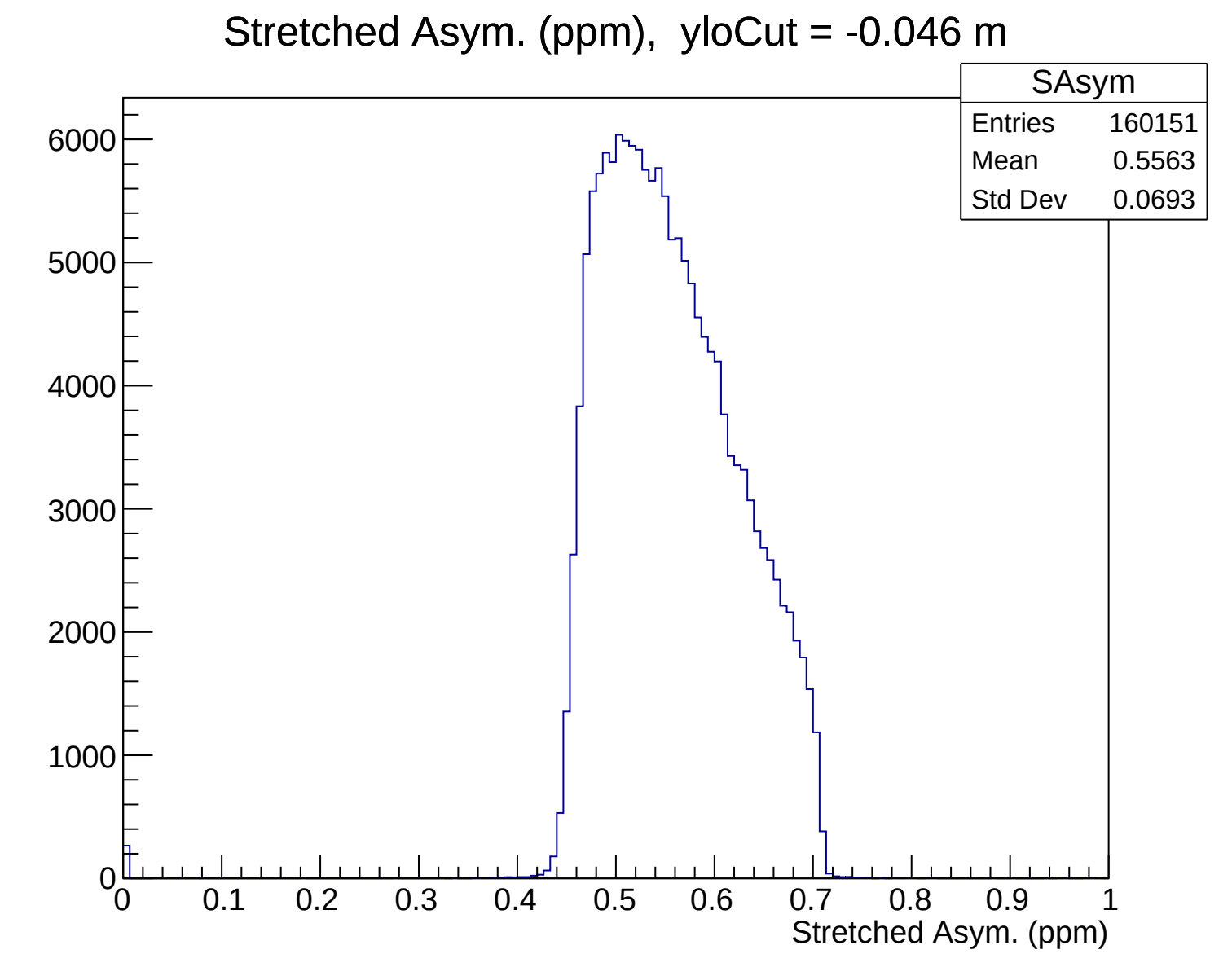

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.046
L.tr.y[0]+1.3*L.tr.ph[0] (m)

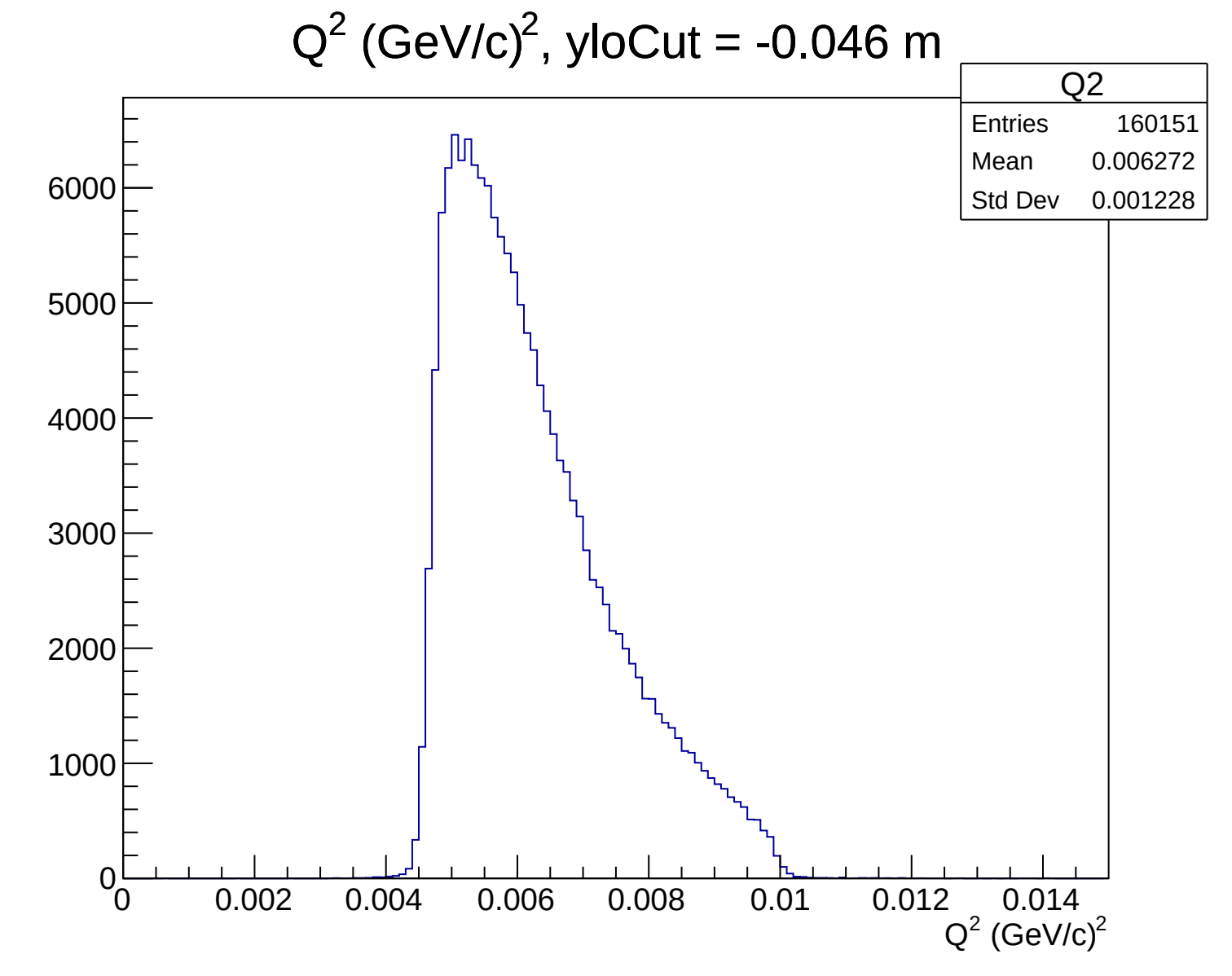

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

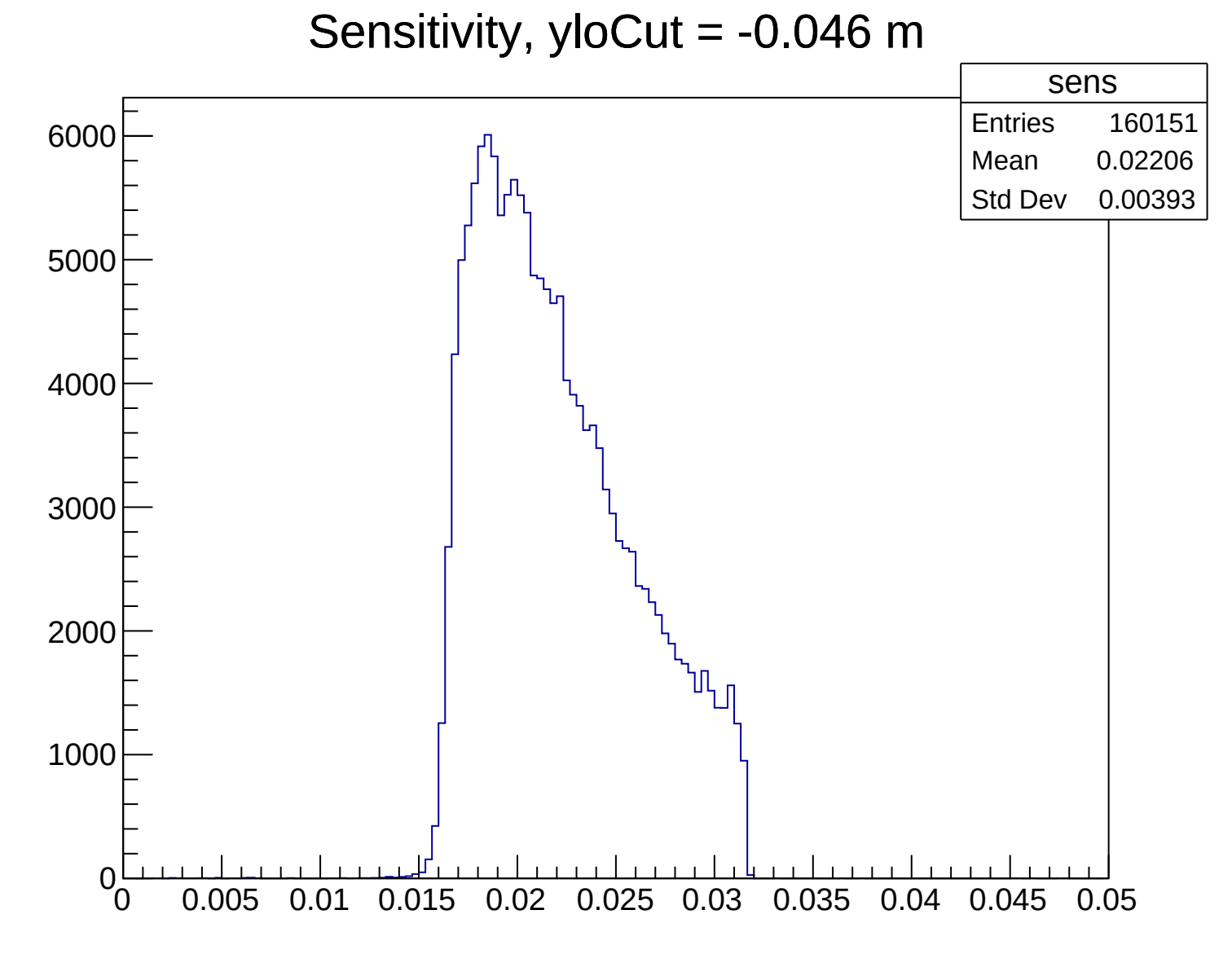

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

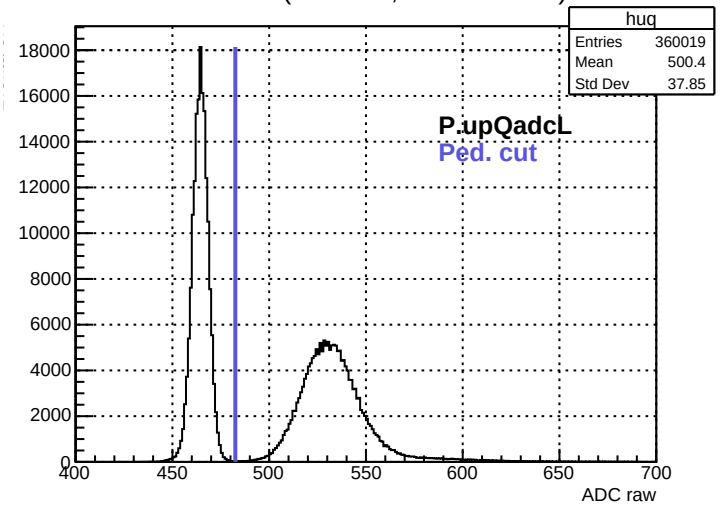

θlab (deg), yloCut = -0.046 m
Theta
Entries 160151
Mean 4.766
Std Dev 0.455
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

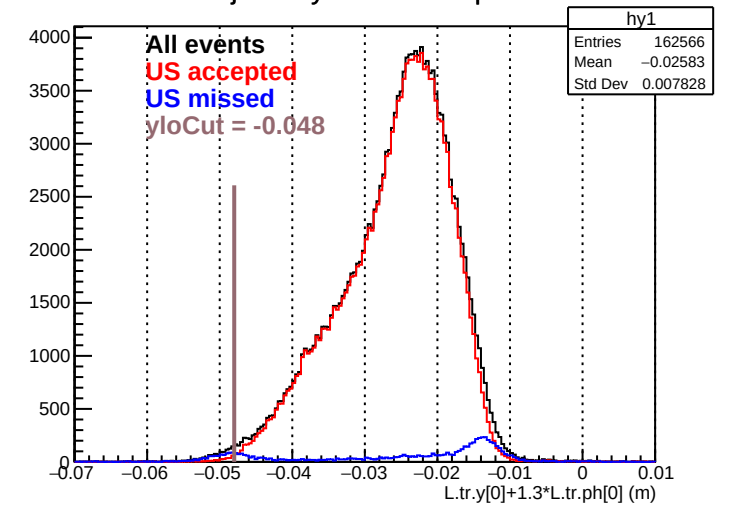

Asymmetry (ppm), yloCut = -0.046 m
Asym
Entries 160151
Mean 0.5691
Std Dev 0.07313
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Asymmetry (ppm)

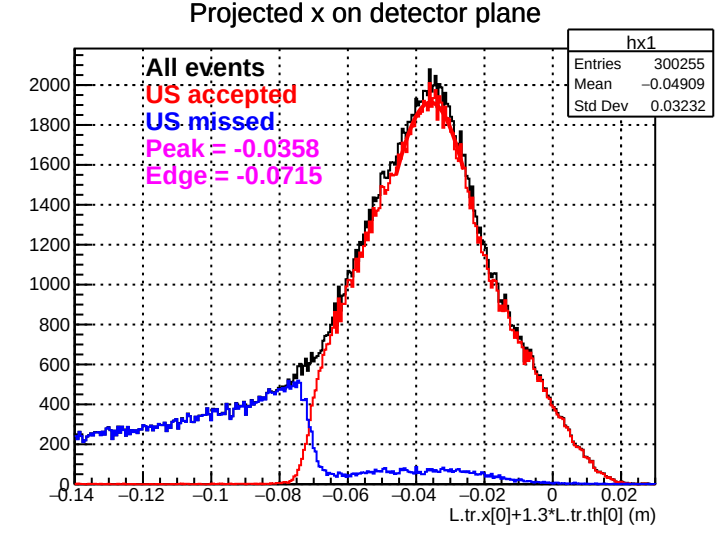

Stretched Asym. (ppm), yloCut = -0.046 m
SAsym
Entries 160151
Mean 0.5563
Std Dev 0.0693
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

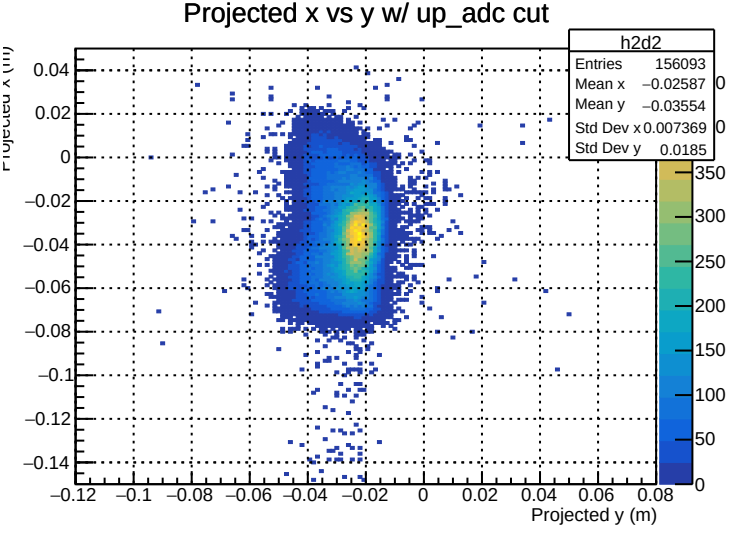

Q^2 (GeV/c)^2, yloCut = -0.046 m
Q2
Entries 160151
Mean 0.006272
Std Dev 0.001228
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

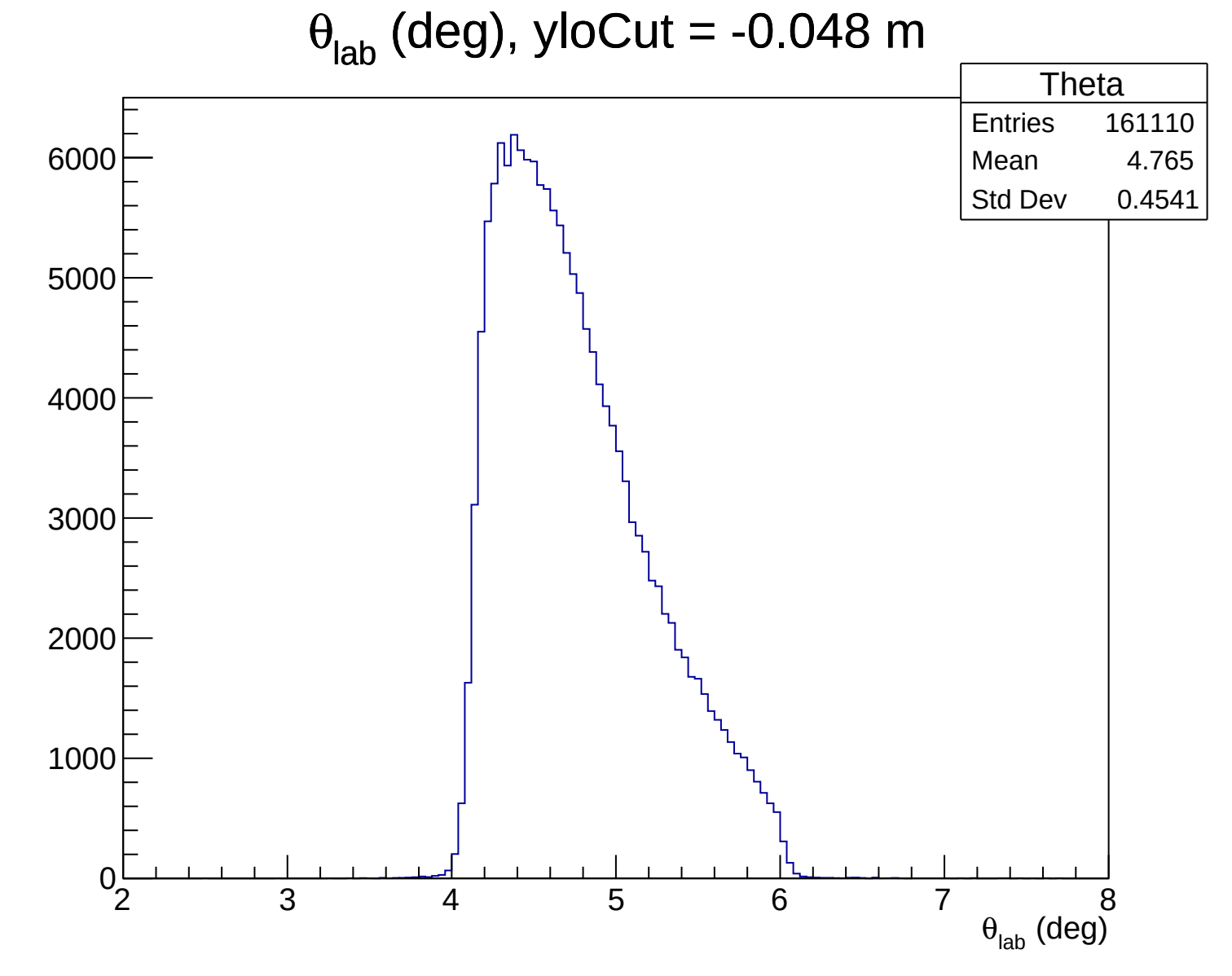

Sensitivity, yloCut = -0.046 m
sens
Entries 160151
Mean 0.02206
Std Dev 0.00393
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

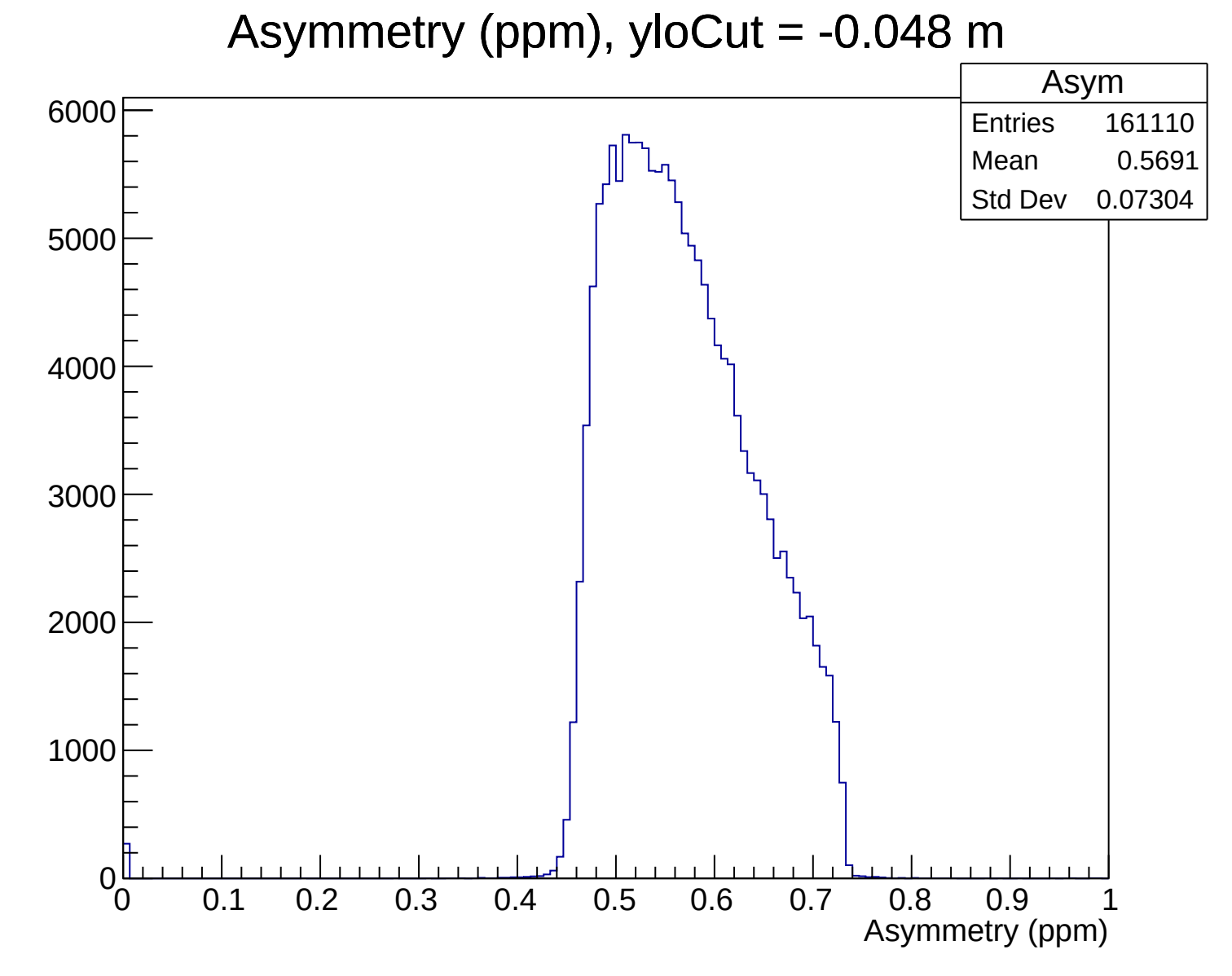

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

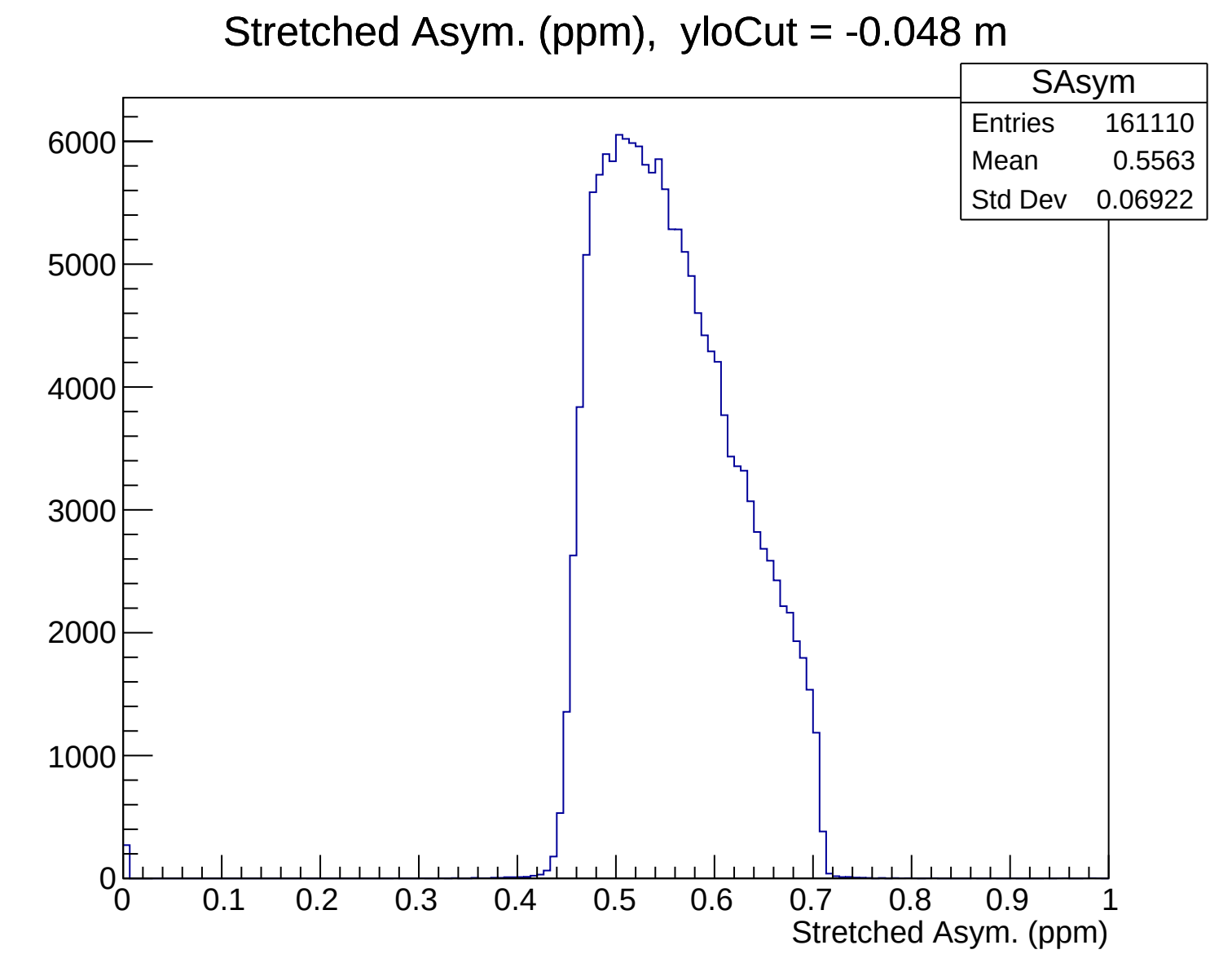

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.048
L.tr.y[0]+1.3*L.tr.ph[0] (m)

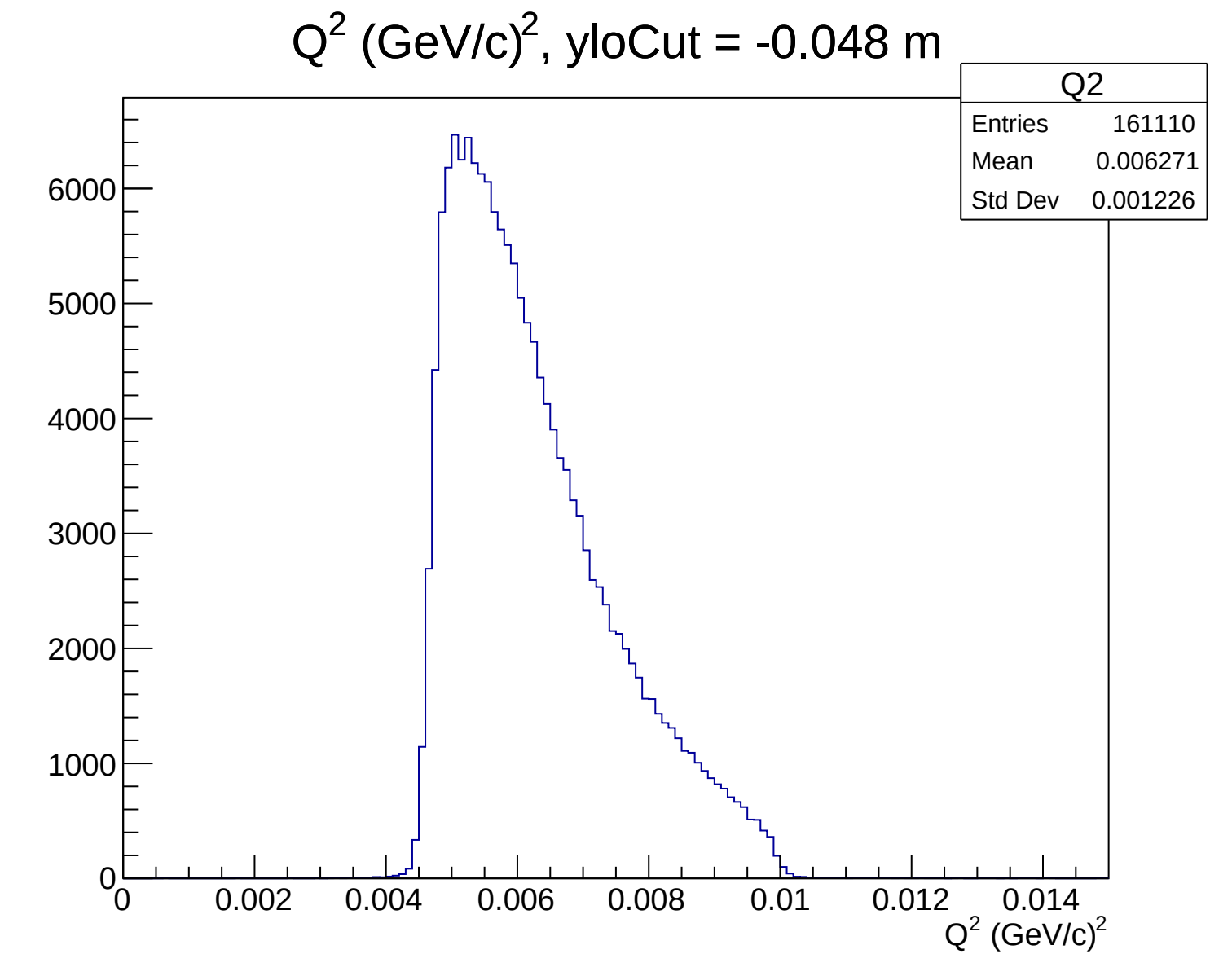

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

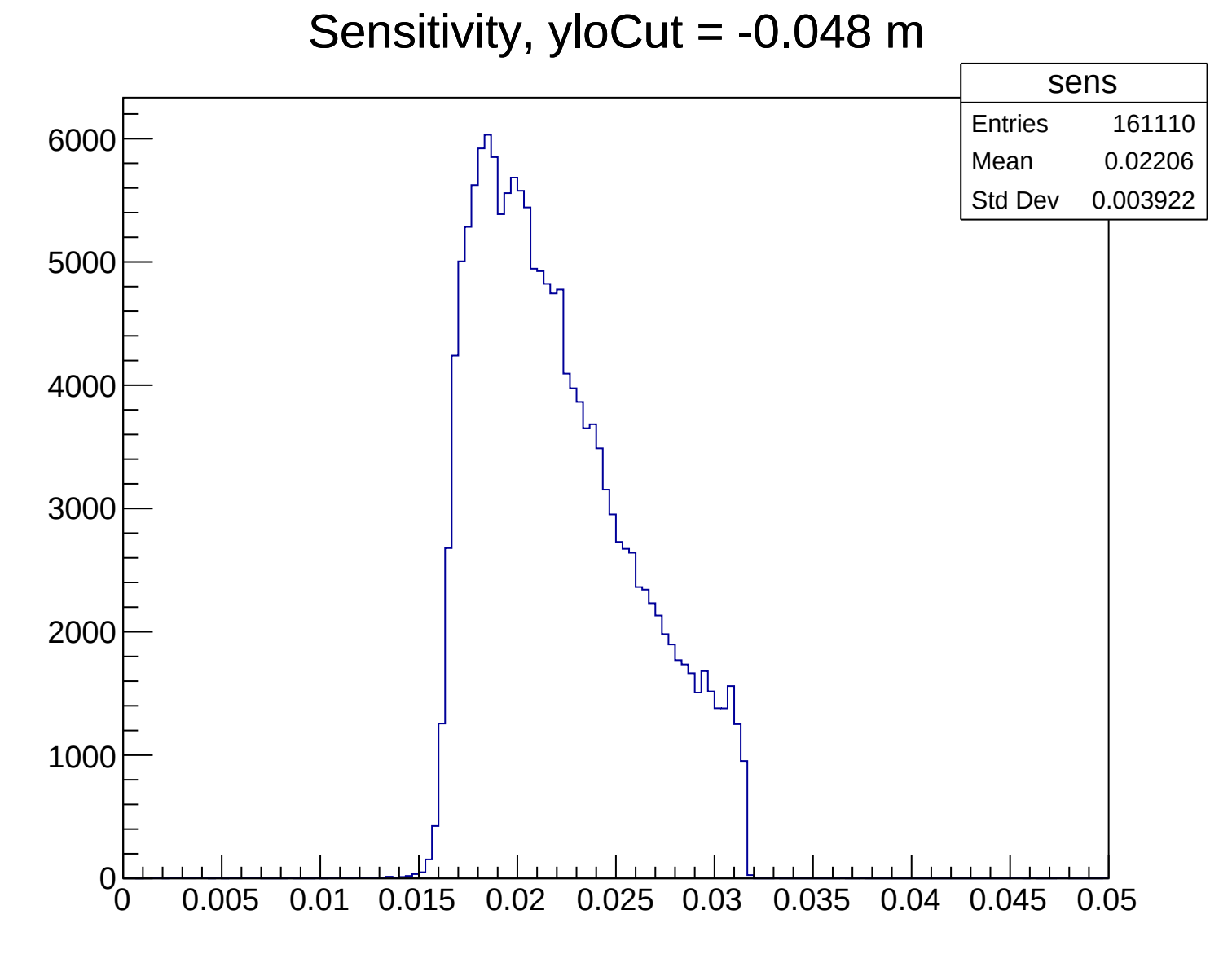

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

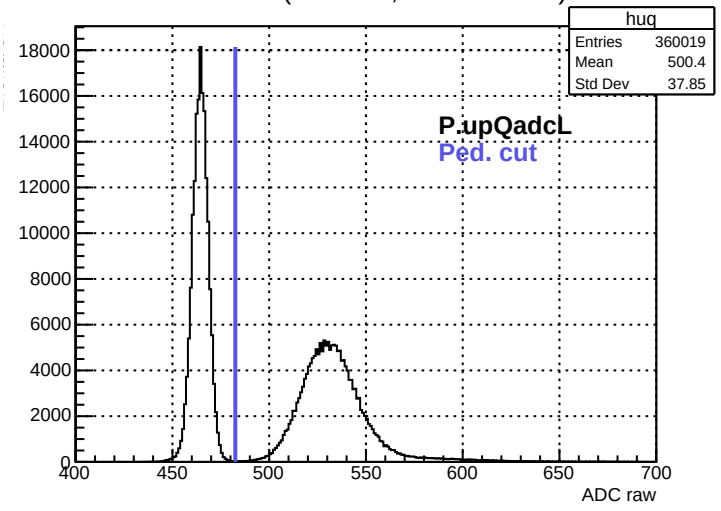

θlab (deg), yloCut = -0.048 m
Theta
Entries 161110
Mean 4.765
Std Dev 0.4541
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

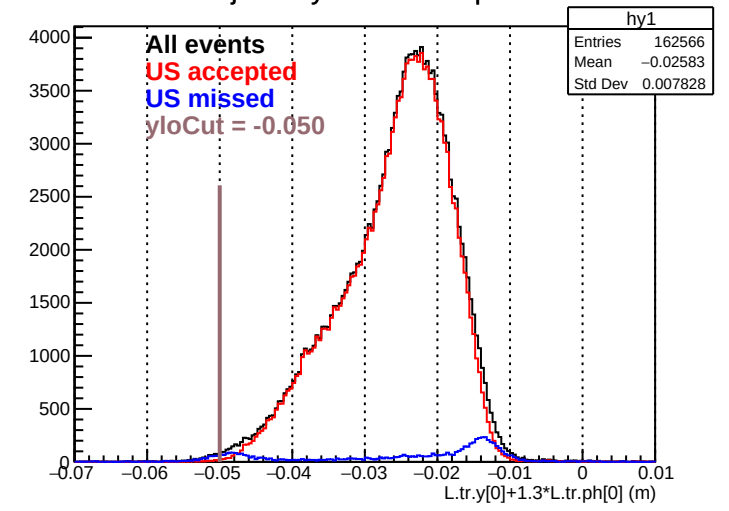

Asymmetry (ppm), yloCut = -0.048 m
Asym
Entries 161110
Mean 0.5691
Std Dev 0.07304
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

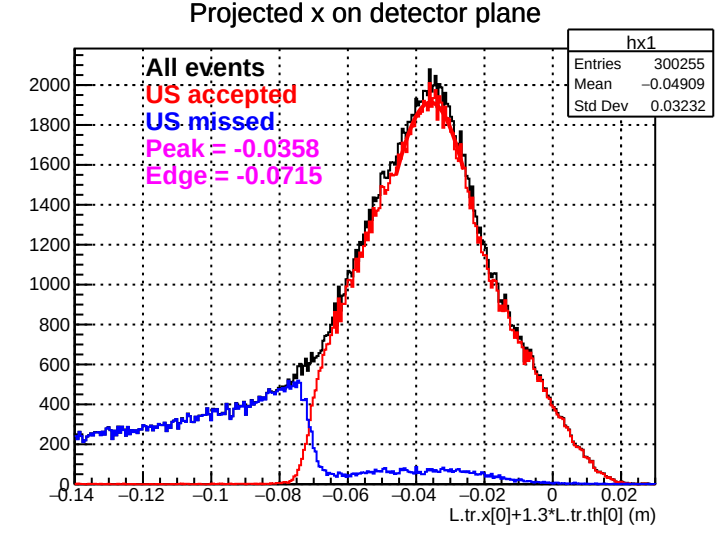

Stretched Asym. (ppm), yloCut = -0.048 m
SAsym
Entries 161110
Mean 0.5563
Std Dev 0.06922
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

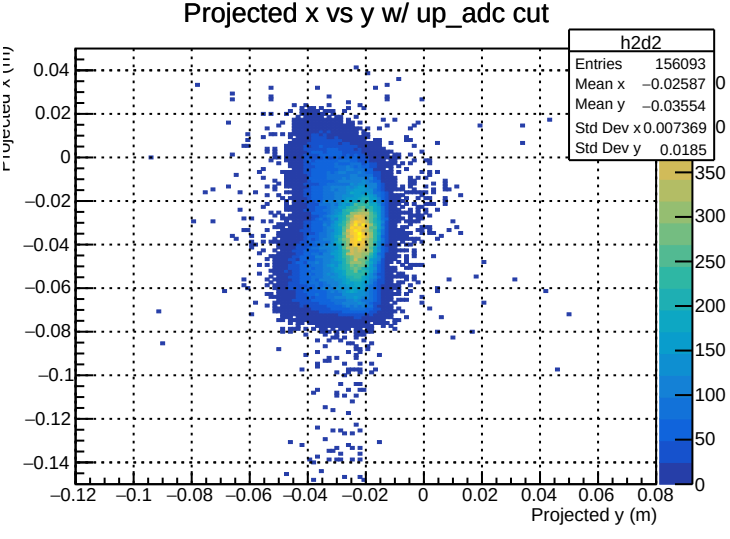

Q^2 (GeV/c)^2, yloCut = -0.048 m
Q2
Entries 161110
Mean 0.006271
Std Dev 0.001226
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

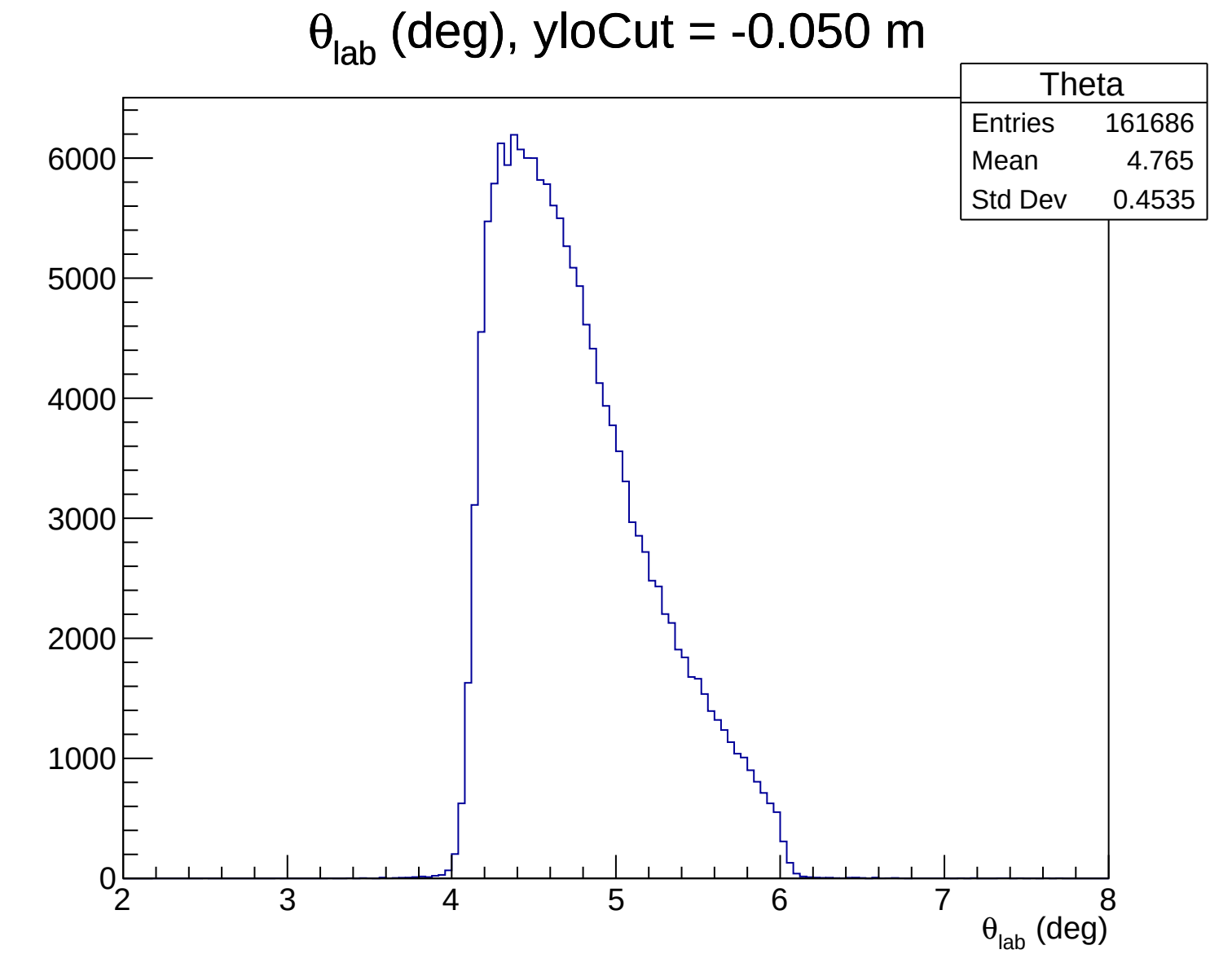

Sensitivity, yloCut = -0.048 m
sens
Entries 161110
Mean 0.02206
Std Dev 0.003922
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

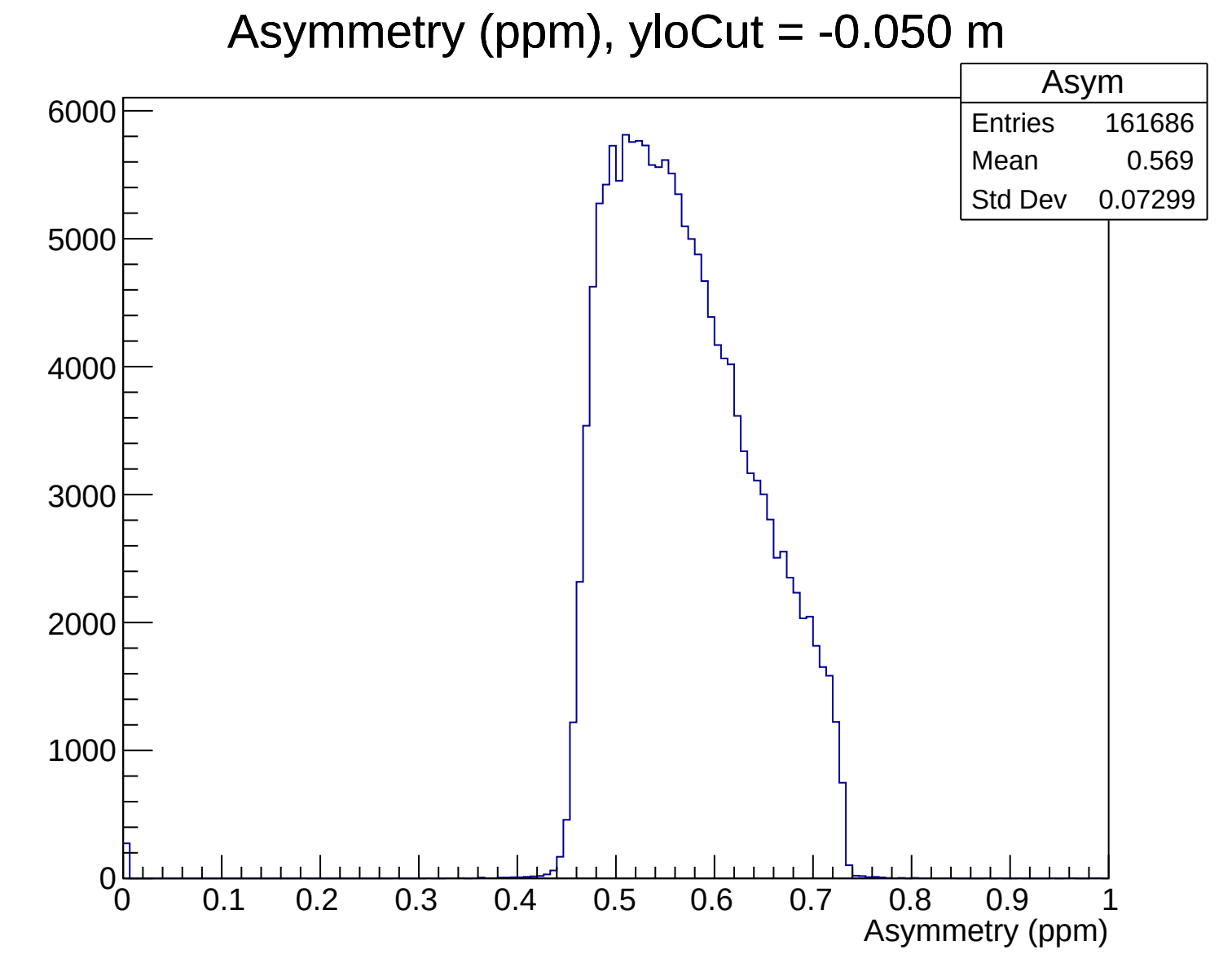

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

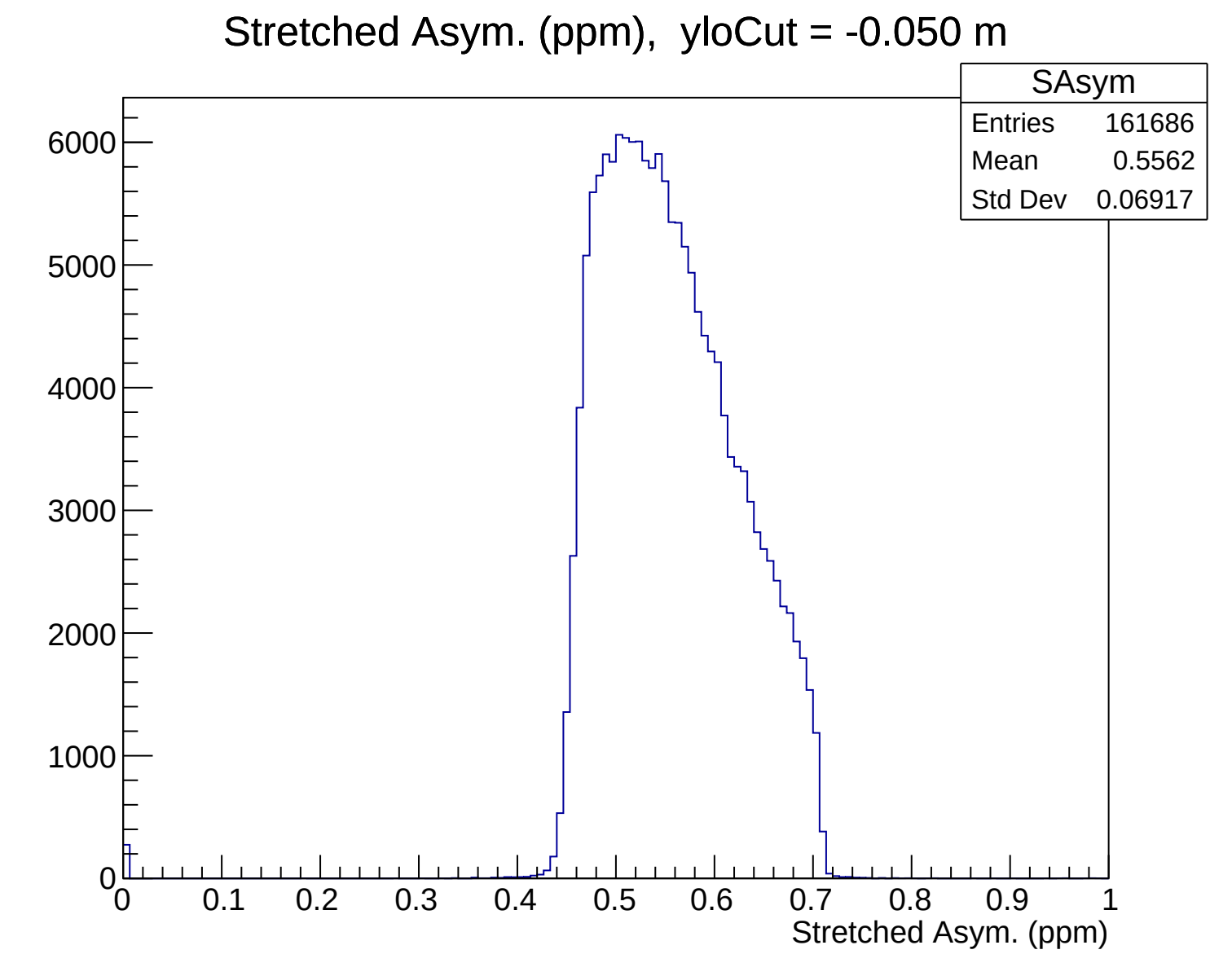

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.050
L.tr.y[0]+1.3*L.tr.ph[0] (m)

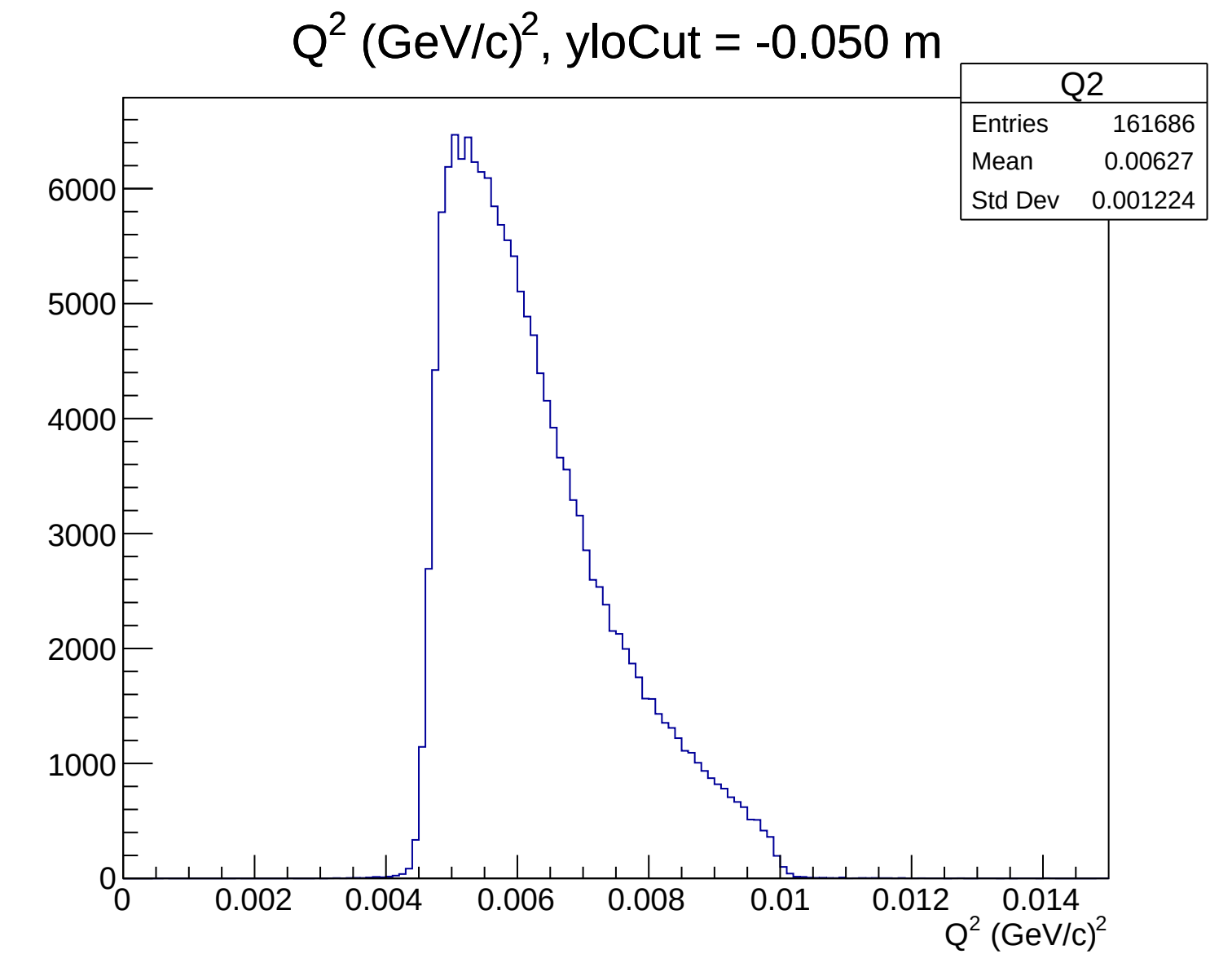

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

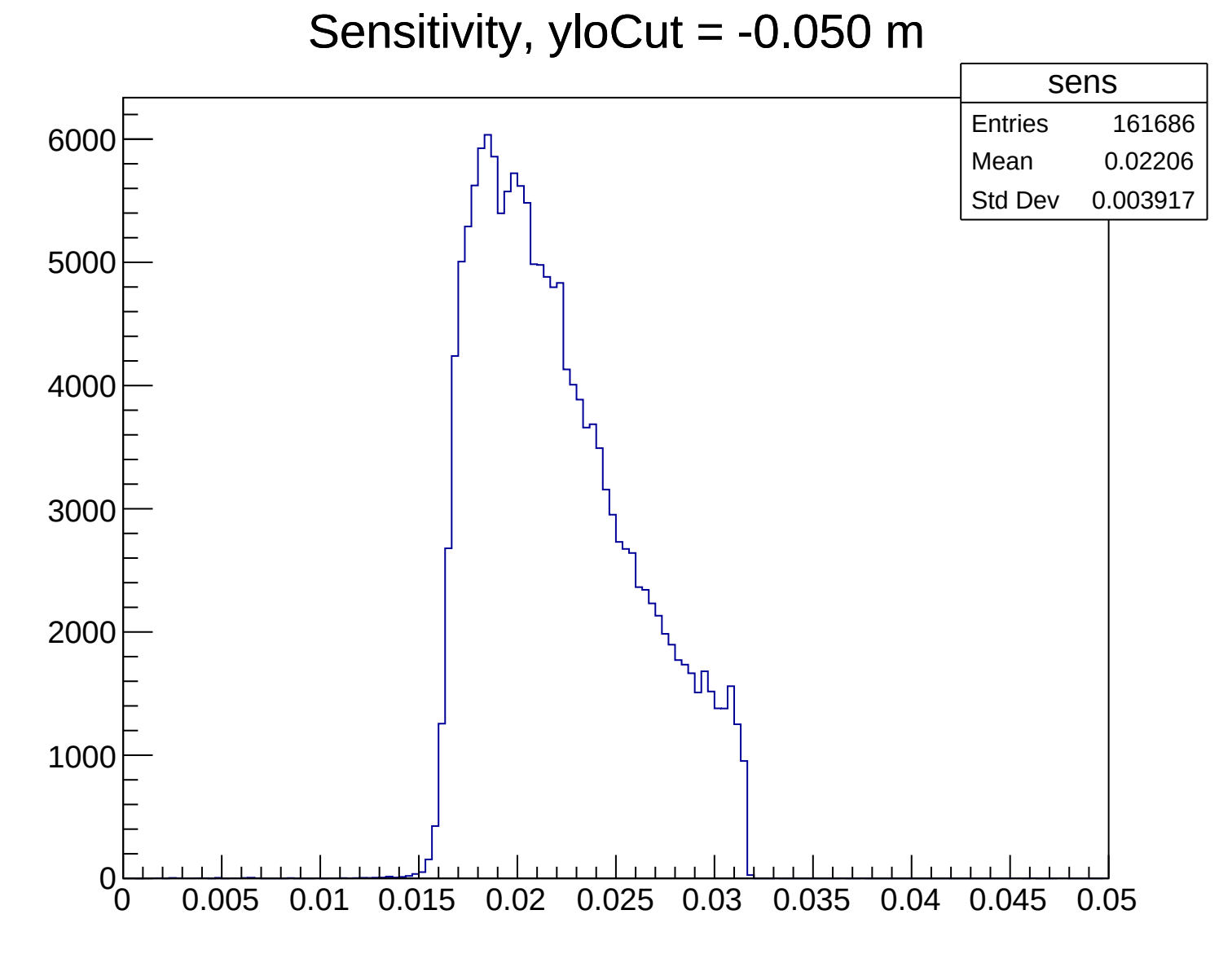

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

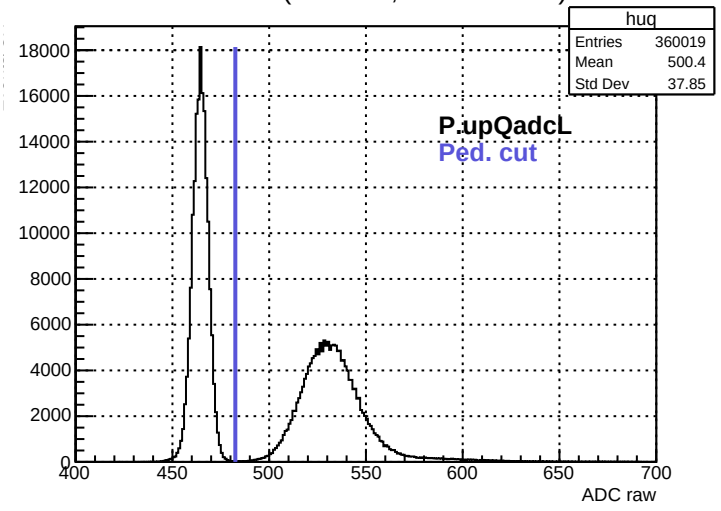

θlab (deg), yloCut = -0.050 m
Theta
Entries 161686
Mean 4.765
Std Dev 0.4535
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

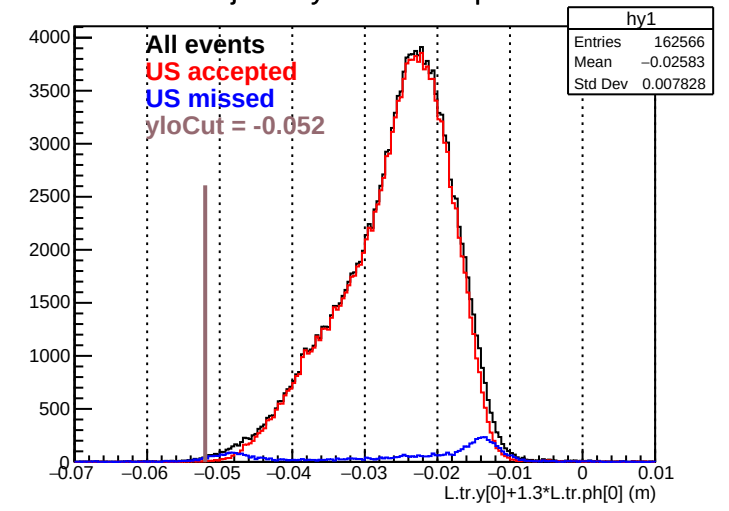

Asymmetry (ppm), yloCut = -0.050 m
Asym
Entries 161686
Mean 0.569
Std Dev 0.07299
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

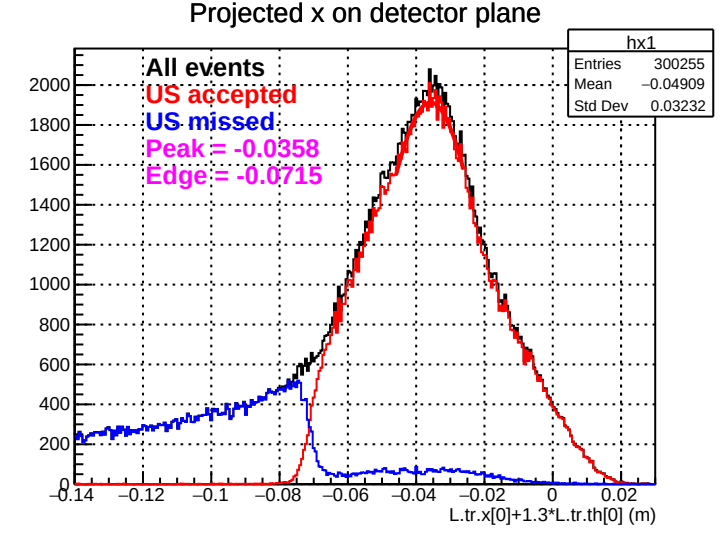

Stretched Asym. (ppm), yloCut = -0.050 m
SAsym
Entries 161686
Mean 0.5562
Std Dev 0.06917
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

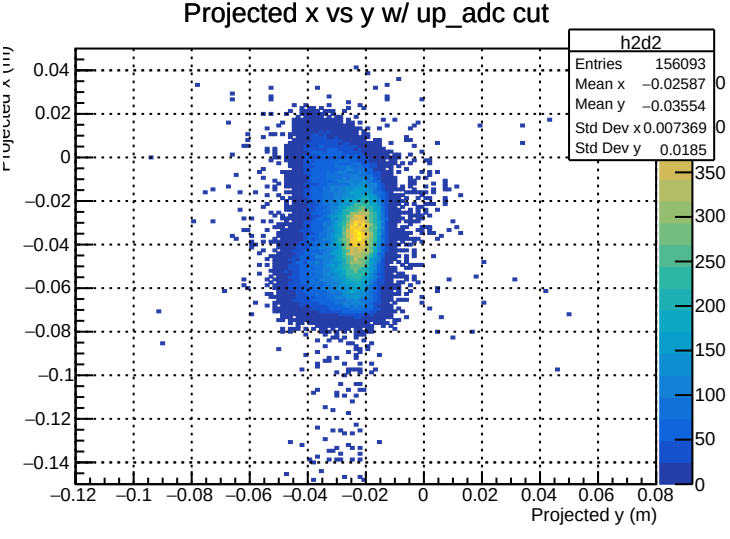

Q^2 (GeV/c)^2, yloCut = -0.050 m
Q2
Entries 161686
Mean 0.00627
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

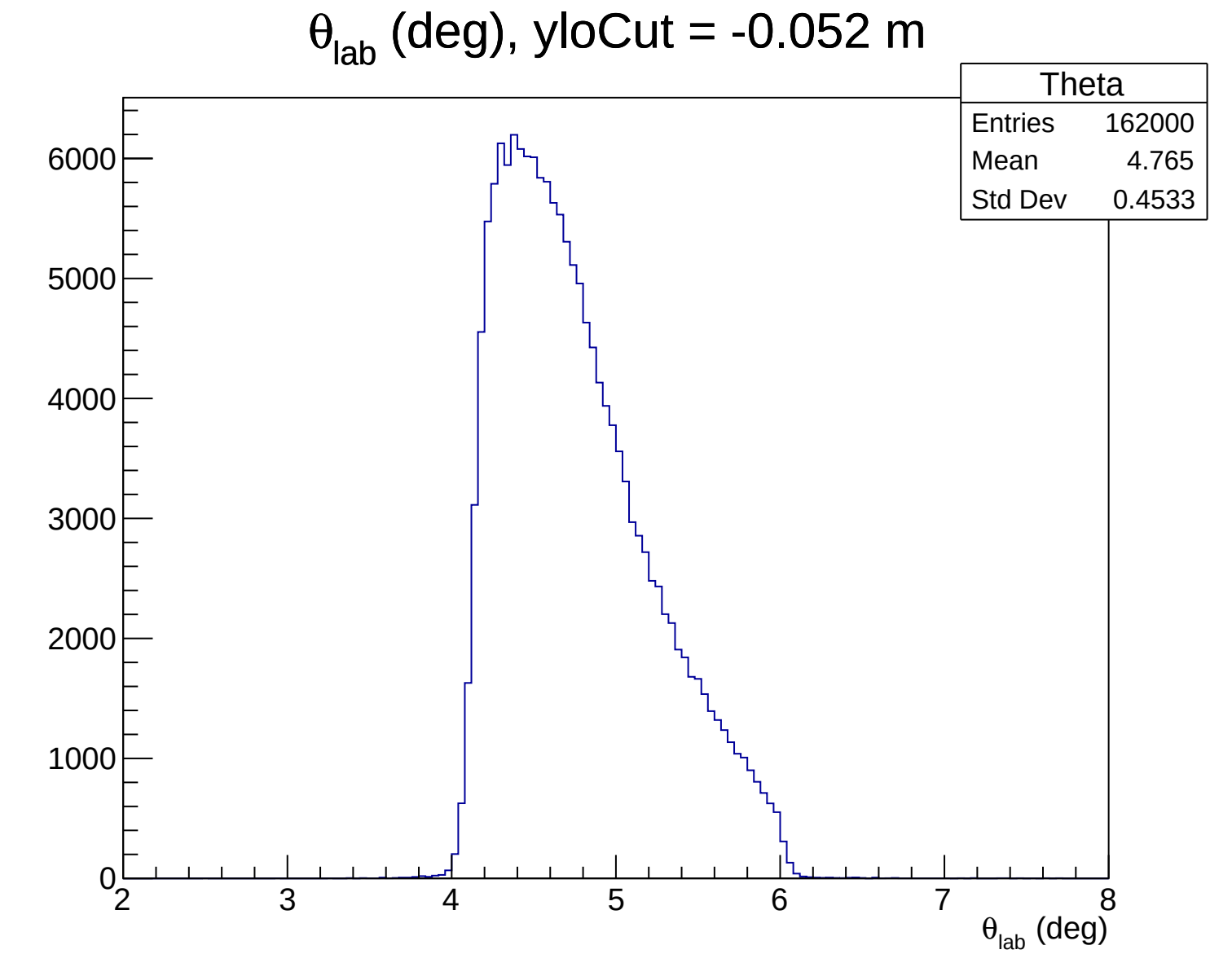

Sensitivity, yloCut = -0.050 m
sens
Entries 161686
Mean 0.02206
Std Dev 0.003917
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

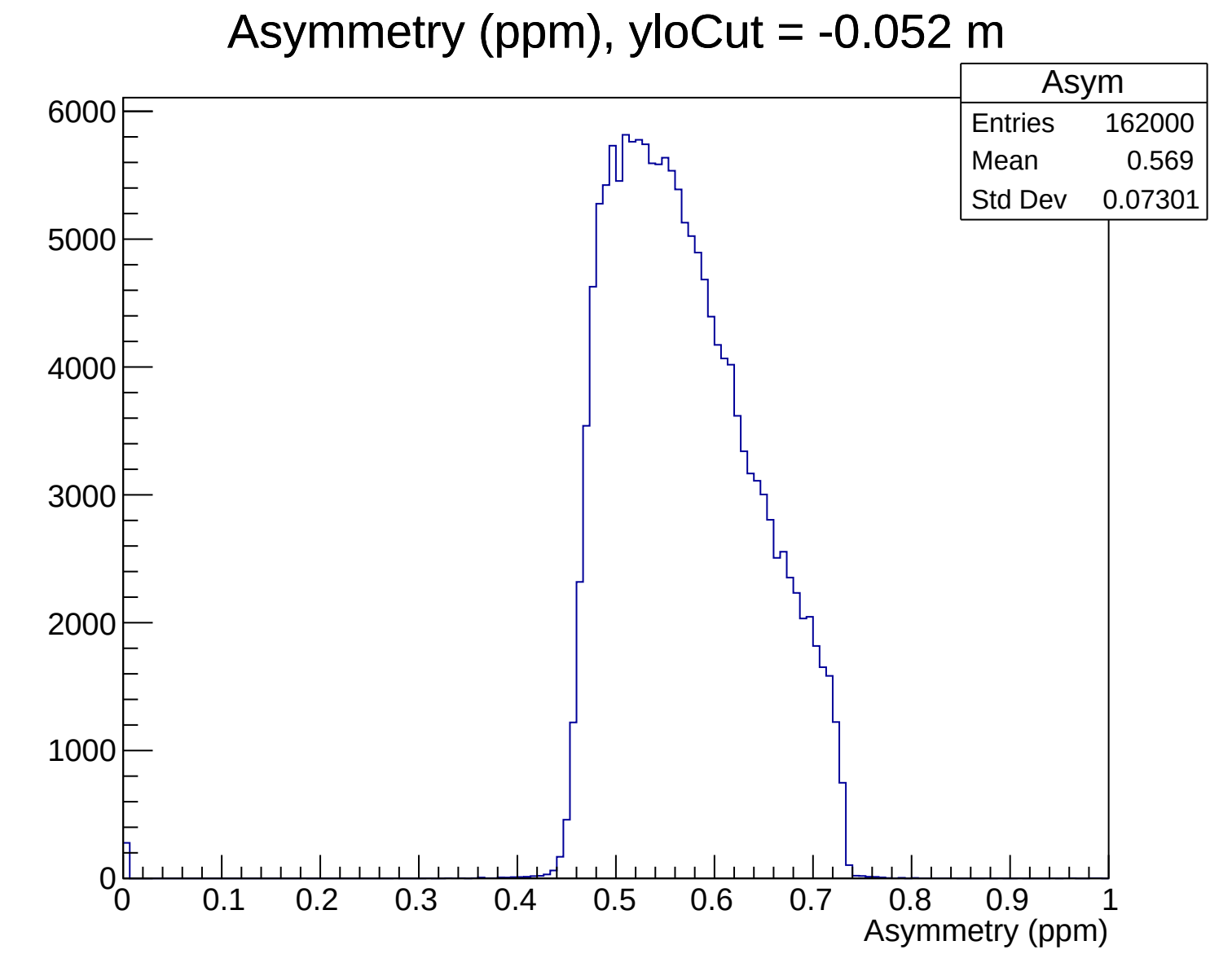

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

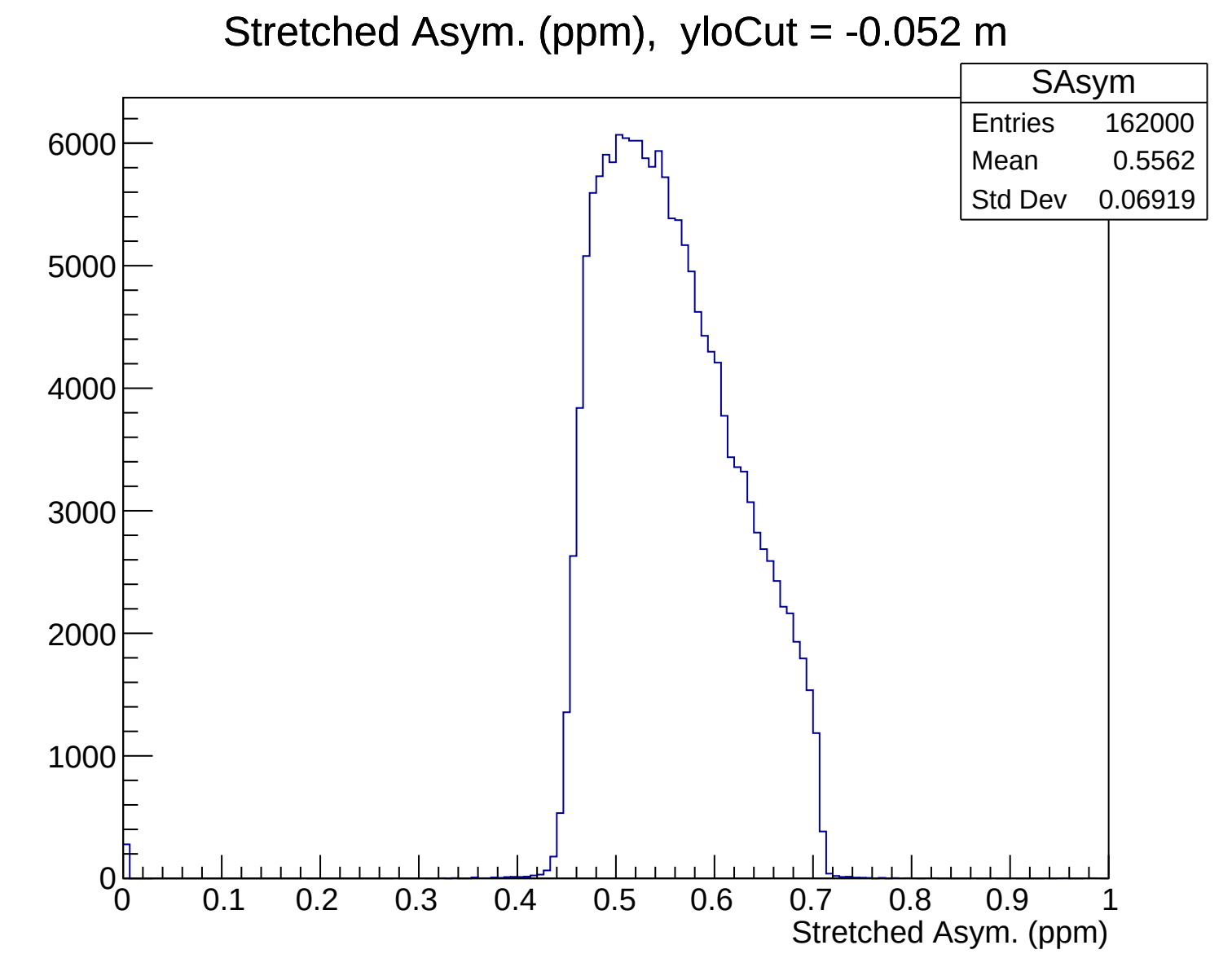

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.052
L.tr.y[0]+1.3*L.tr.ph[0] (m)

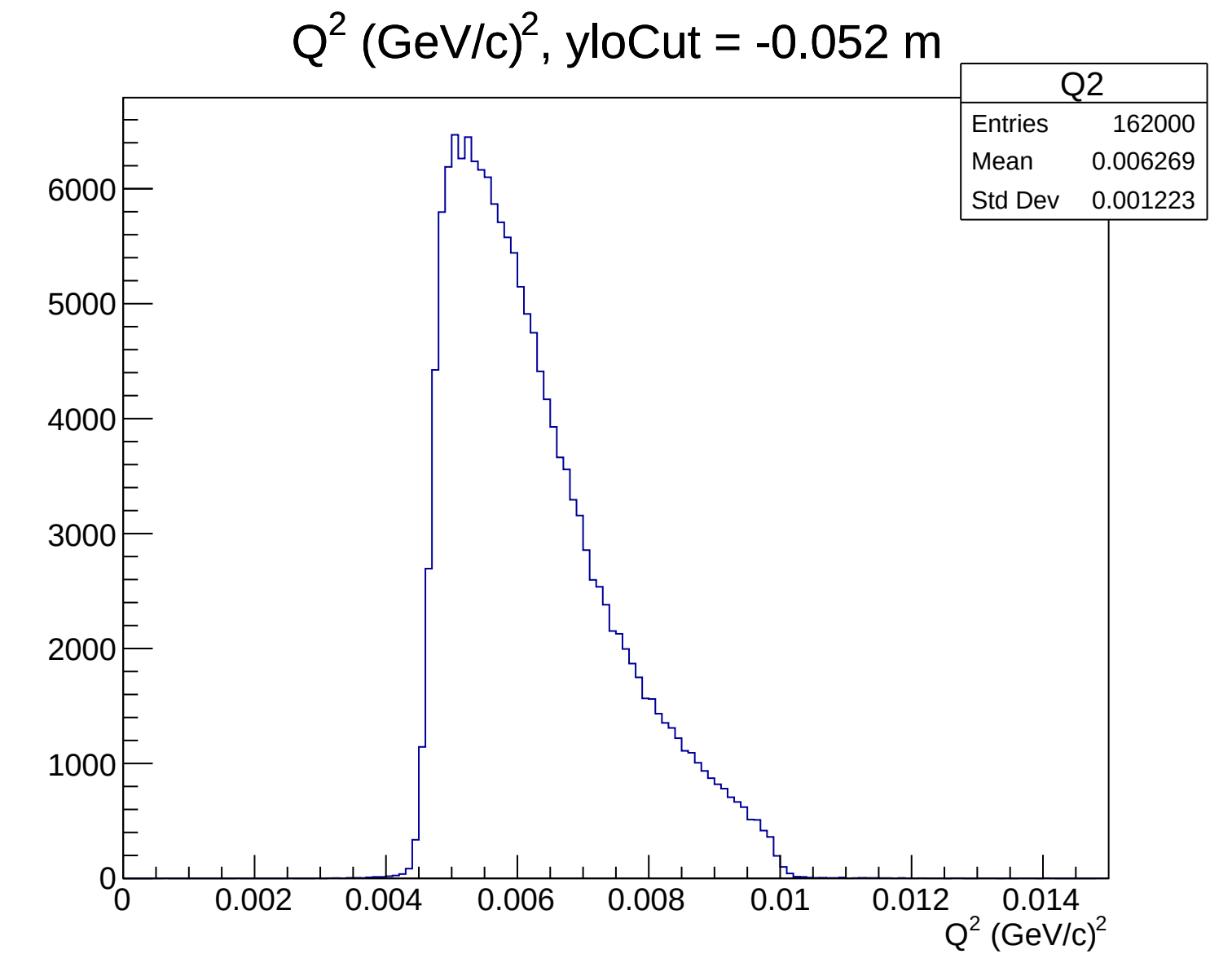

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

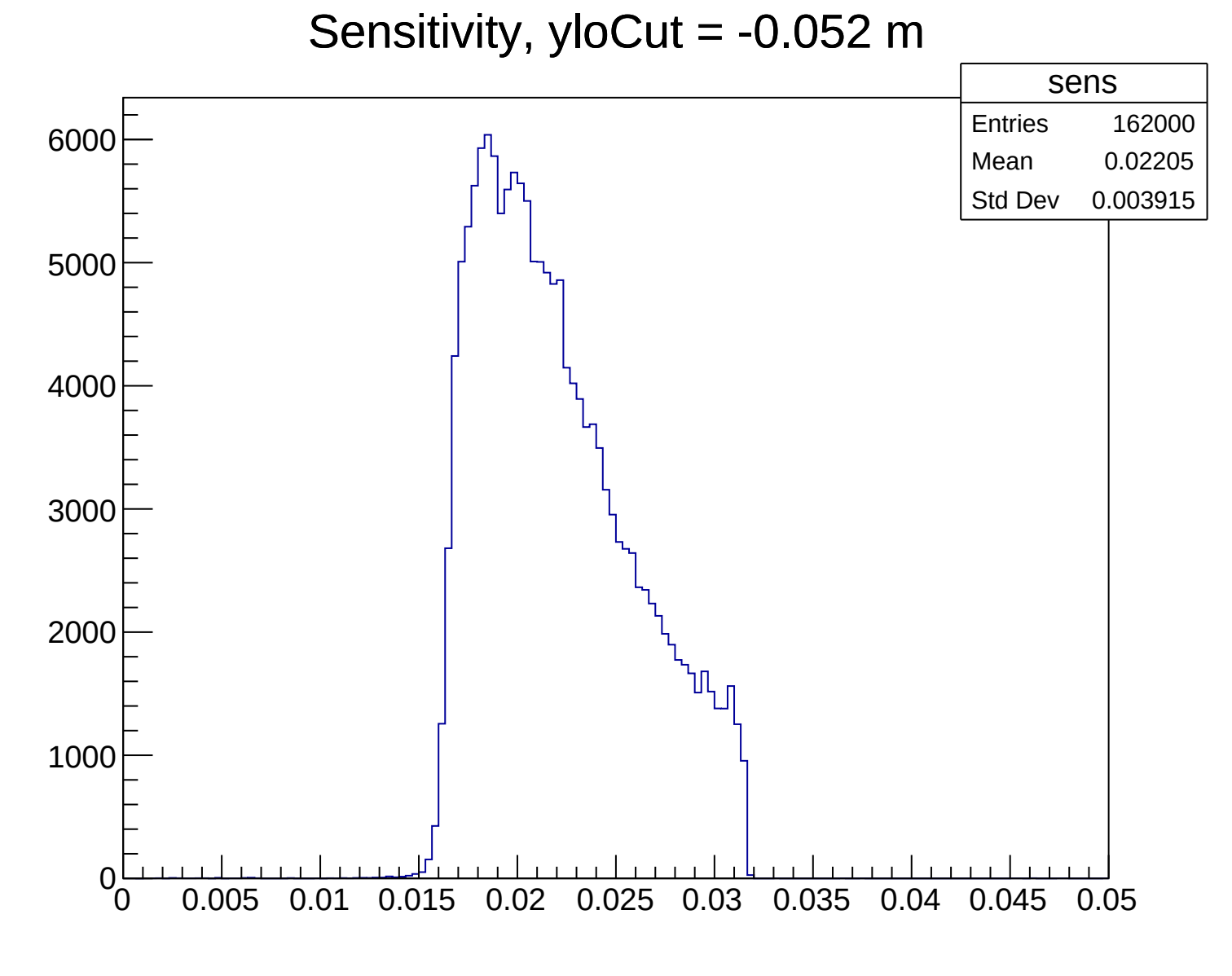

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

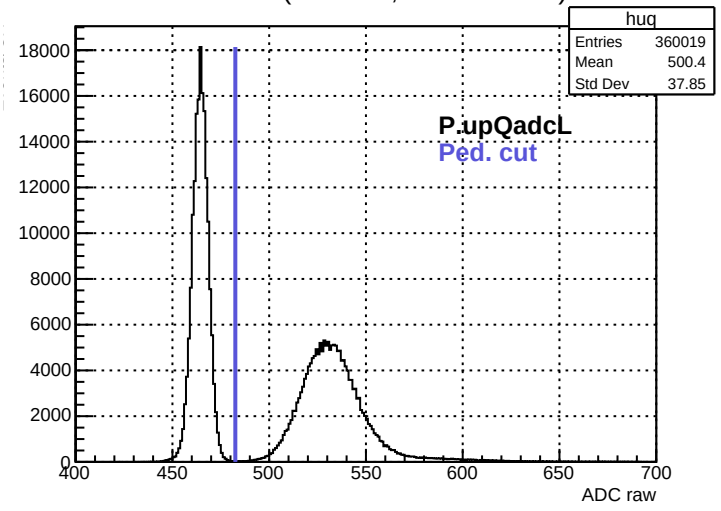

θlab (deg), yloCut = -0.052 m
Theta
Entries 162000
Mean 4.765
Std Dev 0.4533
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

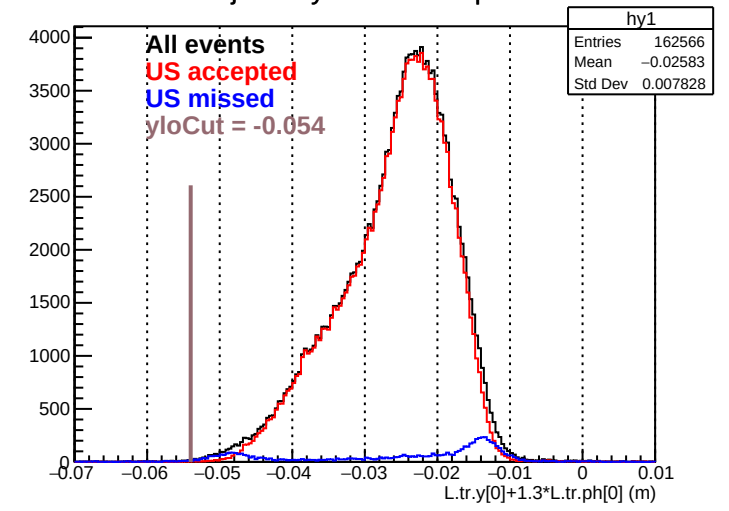

Asymmetry (ppm), yloCut = -0.052 m
Asym
Entries 162000
Mean 0.569
Std Dev 0.07301
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

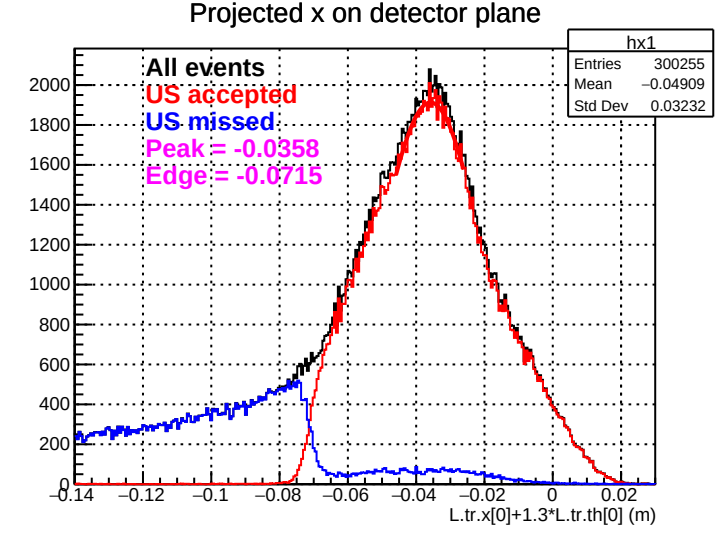

Stretched Asym. (ppm), yloCut = -0.052 m
SAsym
Entries 162000
Mean 0.5562
Std Dev 0.06919
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

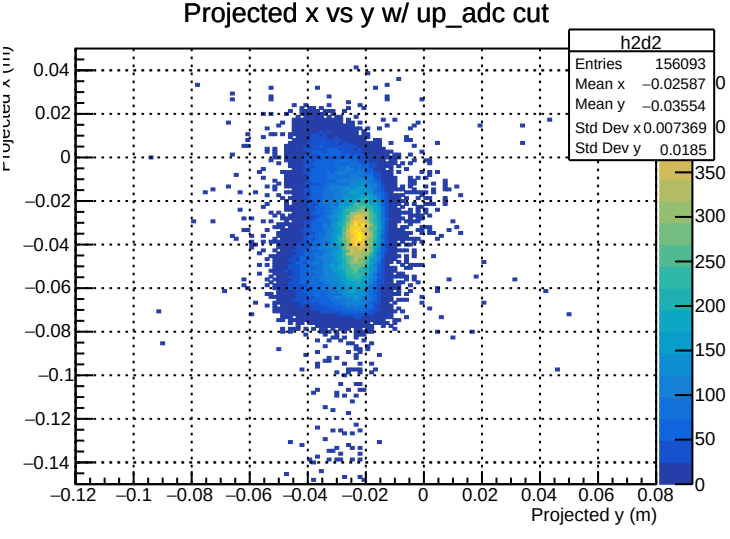

Q^2 (GeV/c)^2, yloCut = -0.052 m
Q2
Entries 162000
Mean 0.006269
Std Dev 0.001223
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

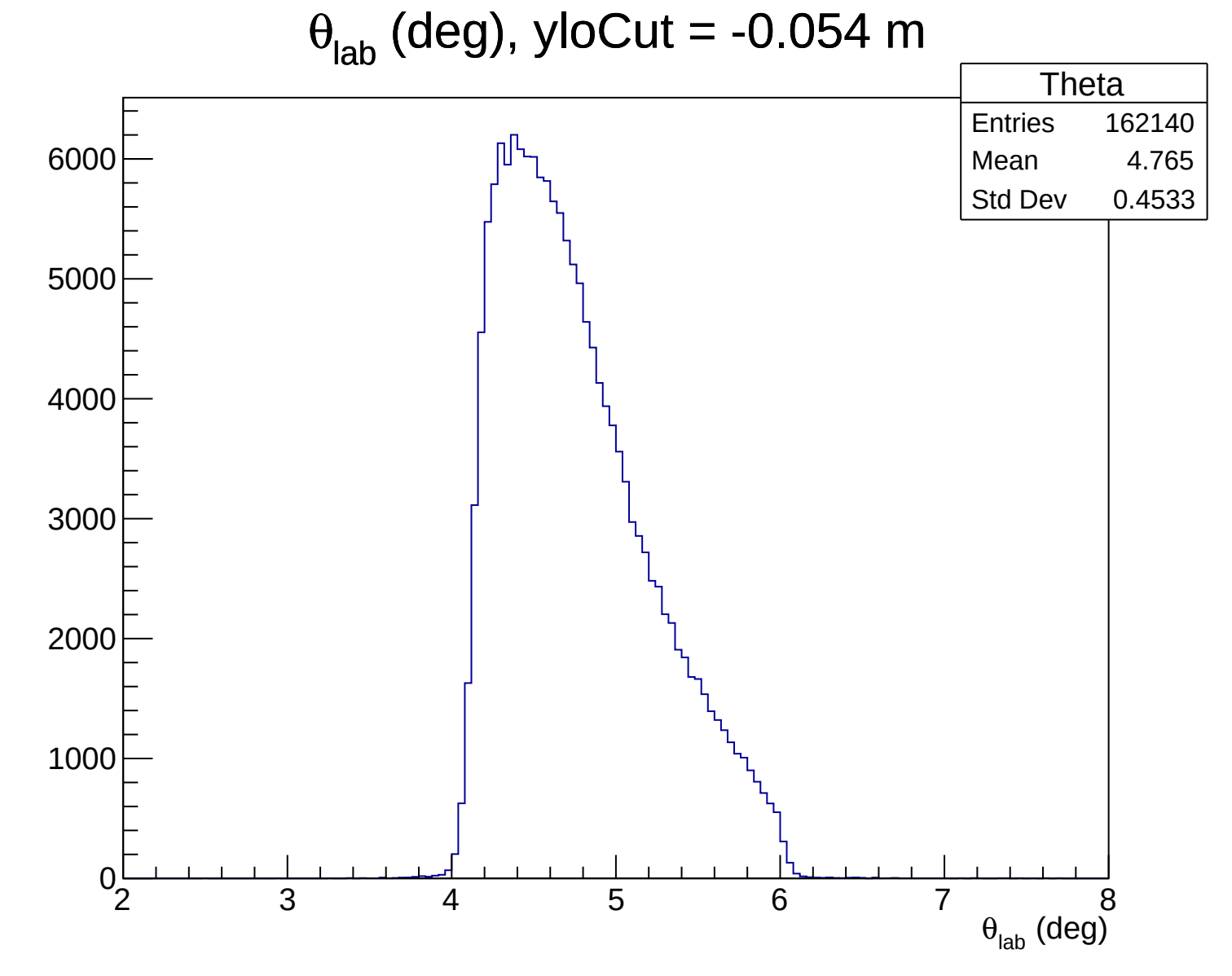

Sensitivity, yloCut = -0.052 m
sens
Entries 162000
Mean 0.02205
Std Dev 0.003915
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

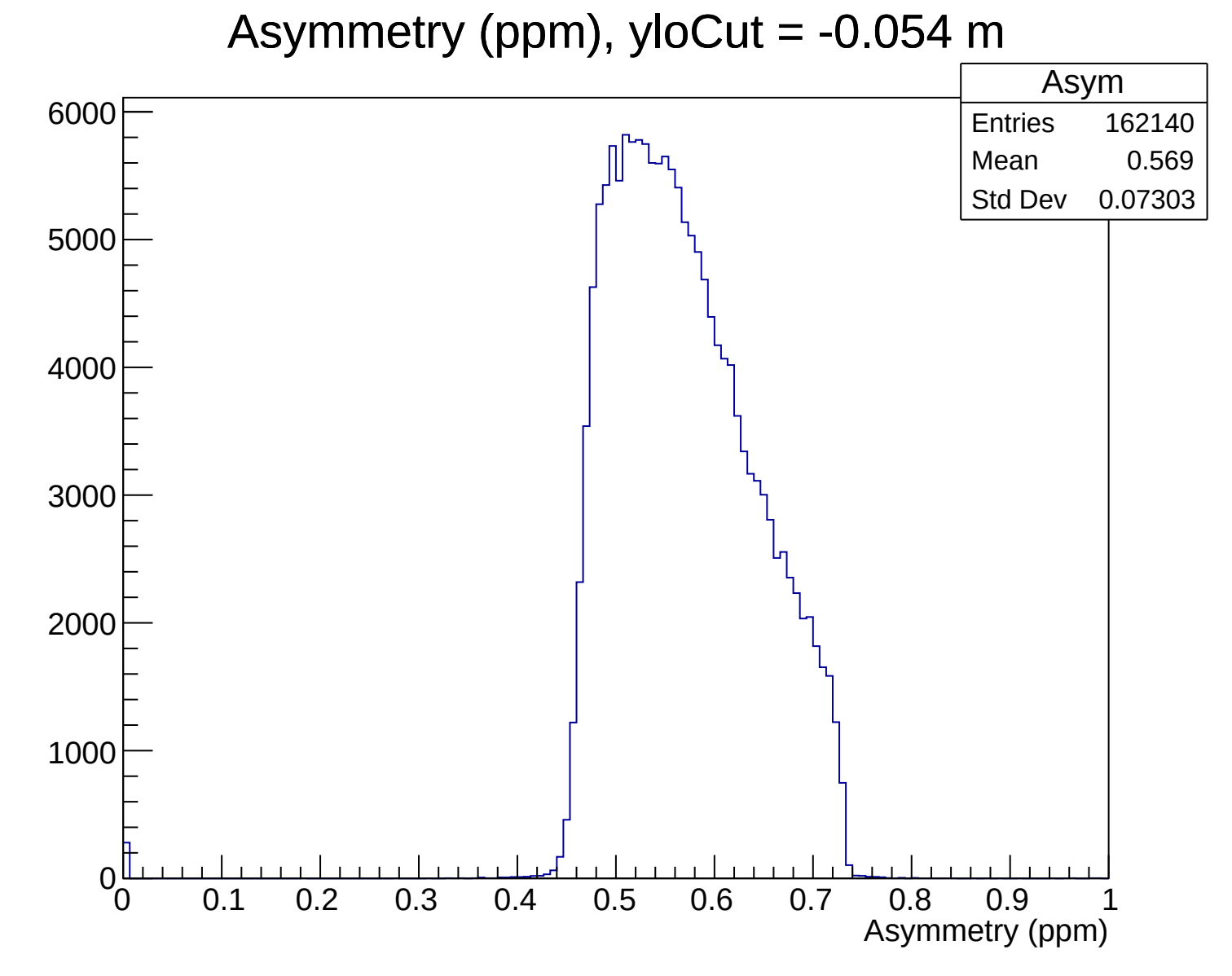

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

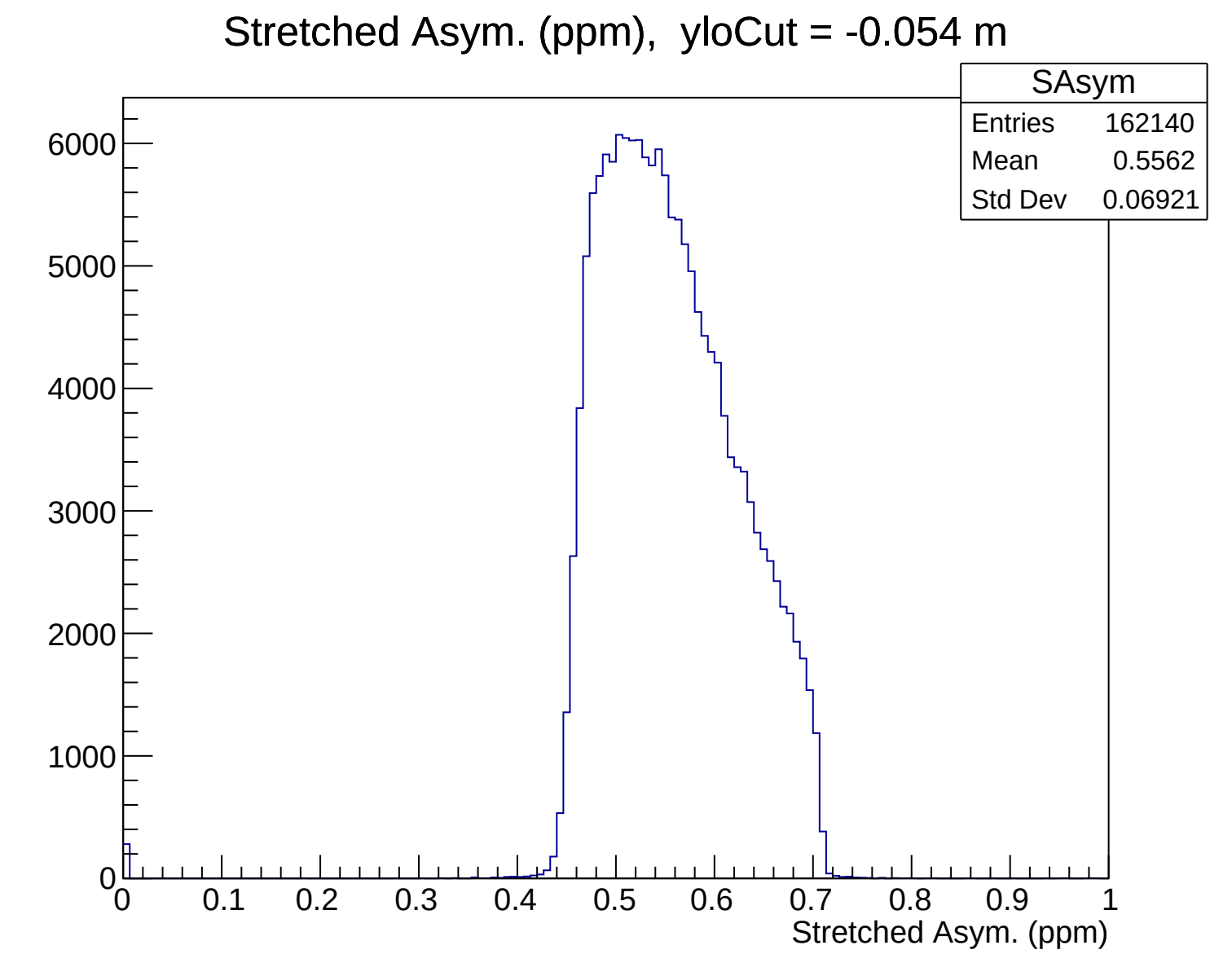

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.054
L.tr.y[0]+1.3*L.tr.ph[0] (m)

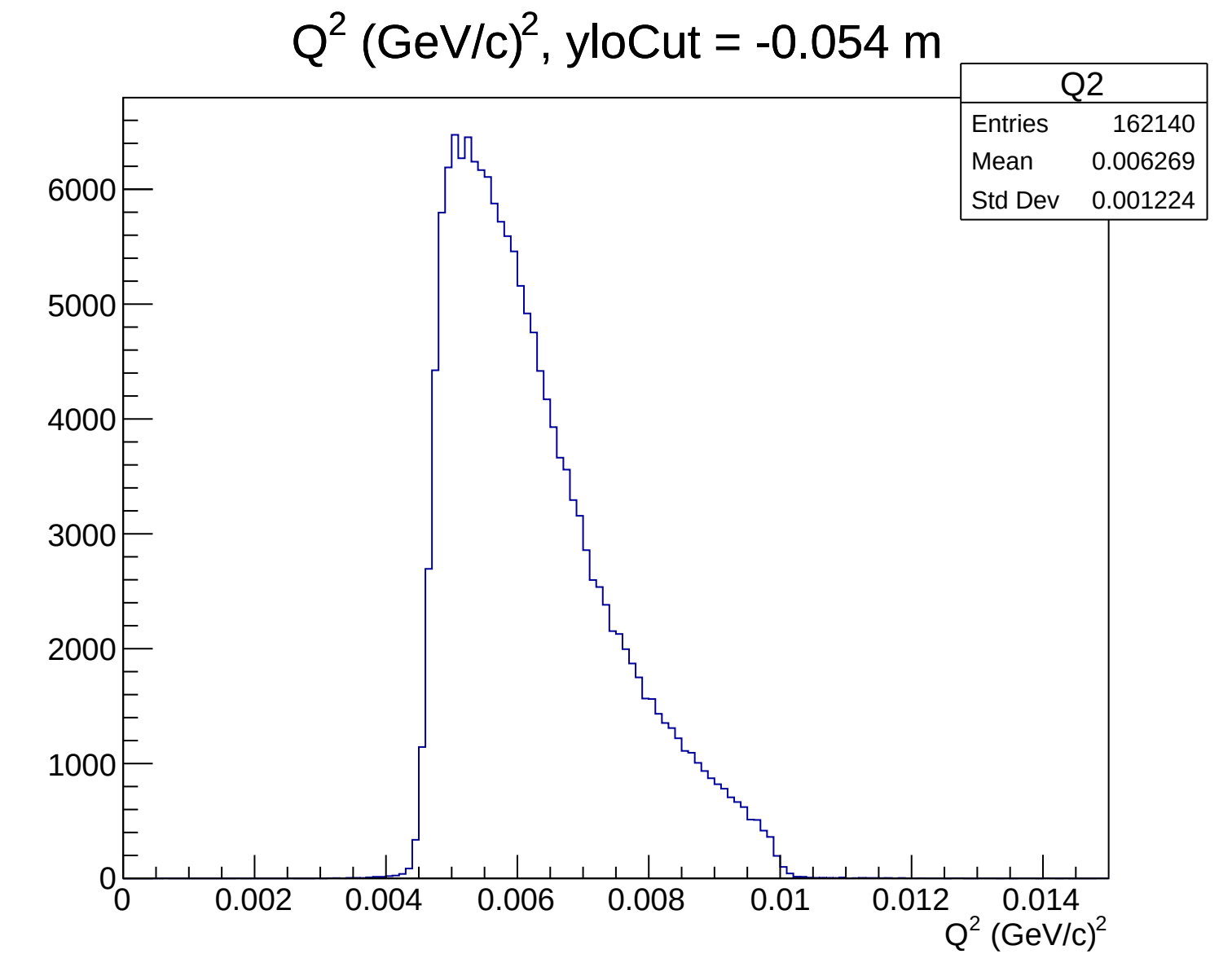

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

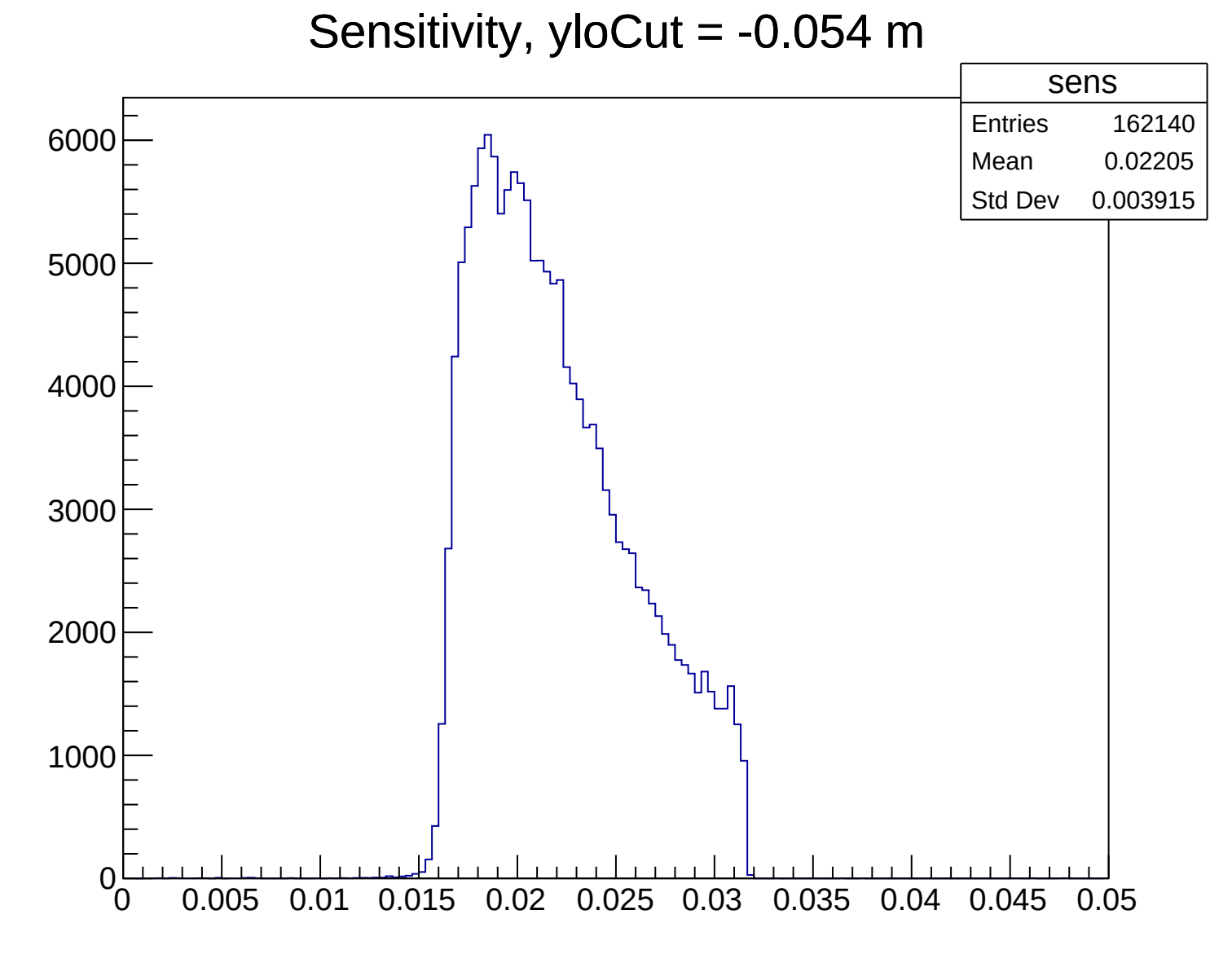

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

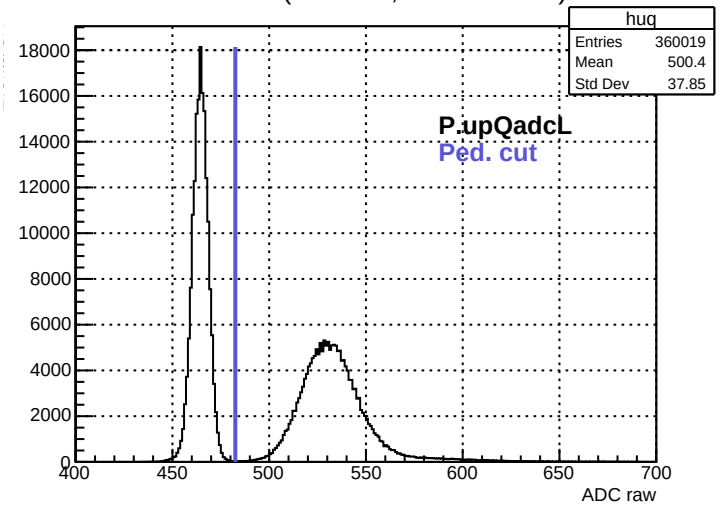

θlab (deg), yloCut = -0.054 m
Theta
Entries 162140
Mean 4.765
Std Dev 0.4533
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

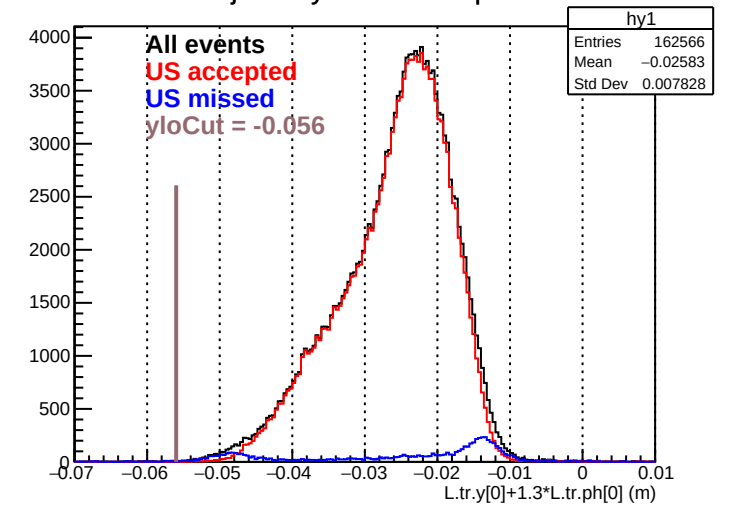

Asymmetry (ppm), yloCut = -0.054 m
Asym
Entries 162140
Mean 0.569
Std Dev 0.07303
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

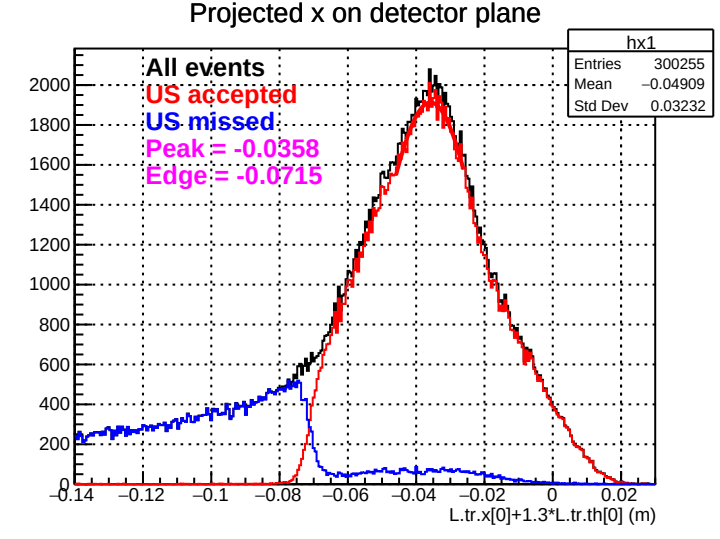

Stretched Asym. (ppm), yloCut = -0.054 m
SAsym
Entries 162140
Mean 0.5562
Std Dev 0.06921
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

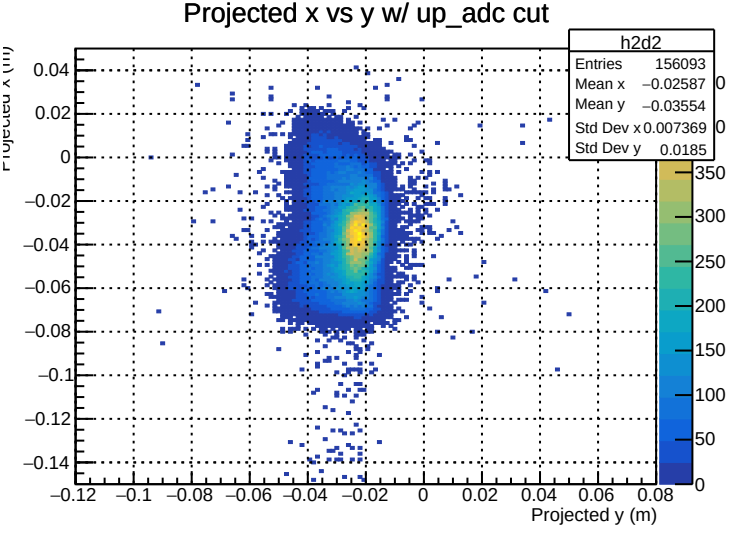

Q^2 (GeV/c)^2, yloCut = -0.054 m
Q2
Entries 162140
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

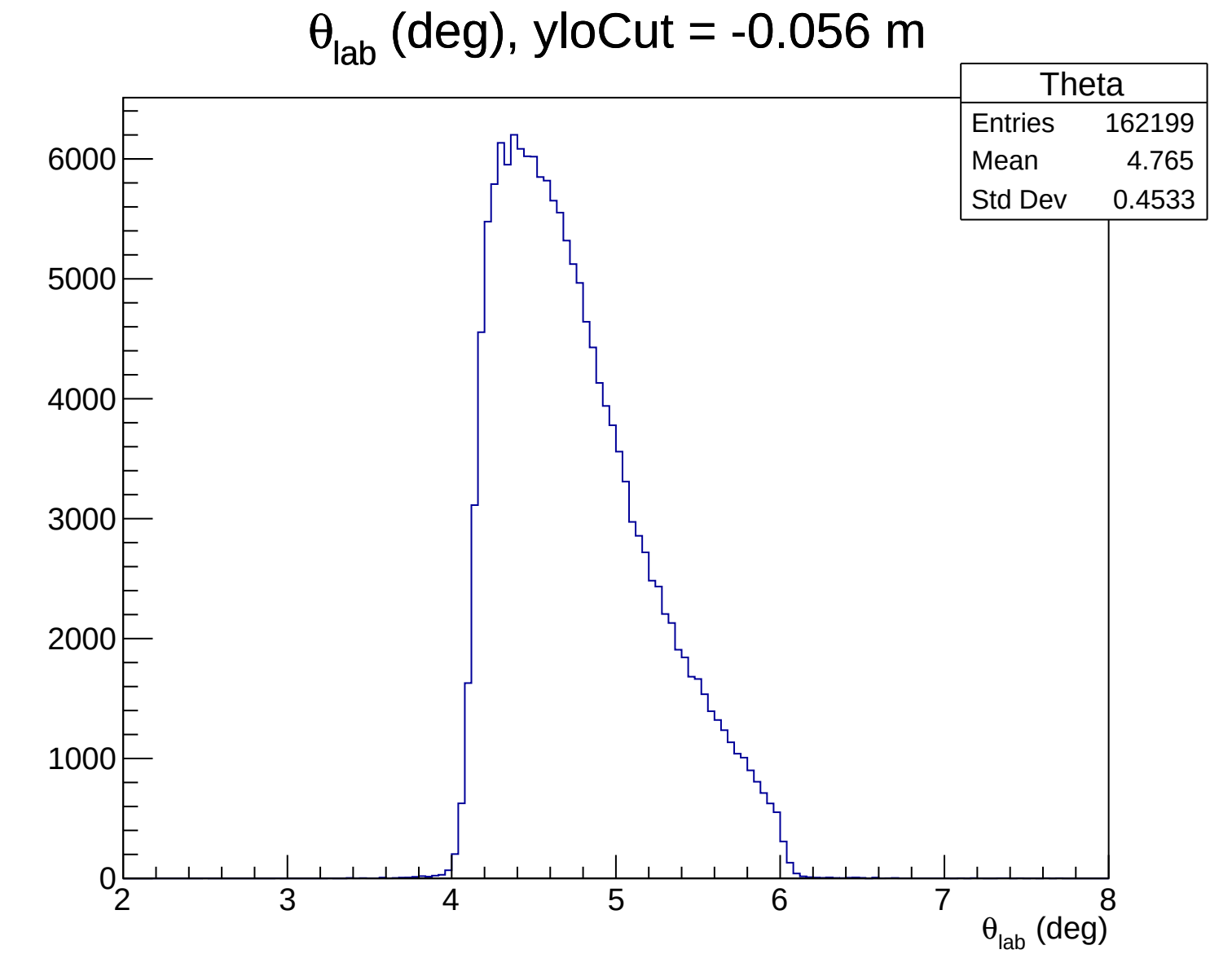

Sensitivity, yloCut = -0.054 m
sens
Entries 162140
Mean 0.02205
Std Dev 0.003915
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

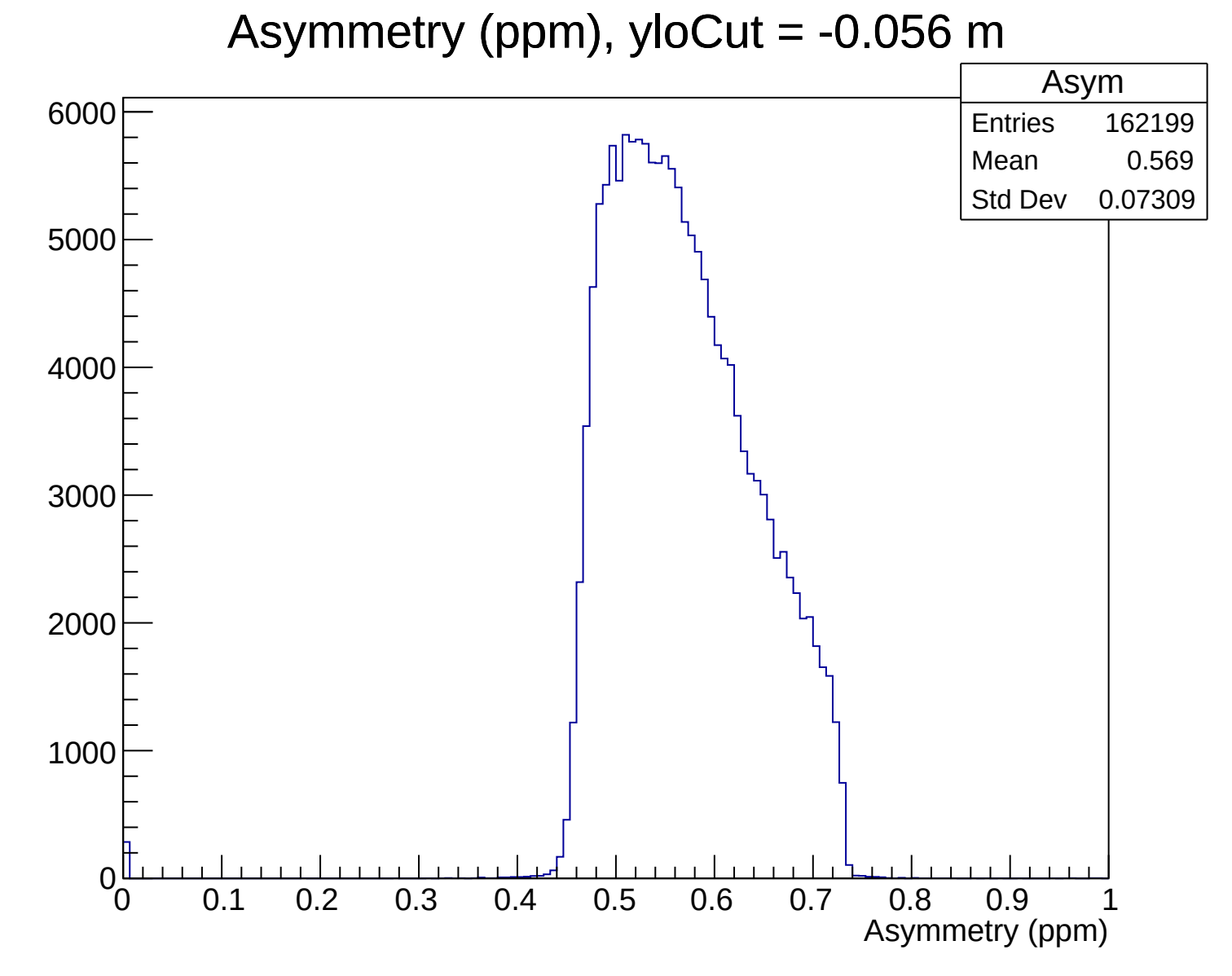

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

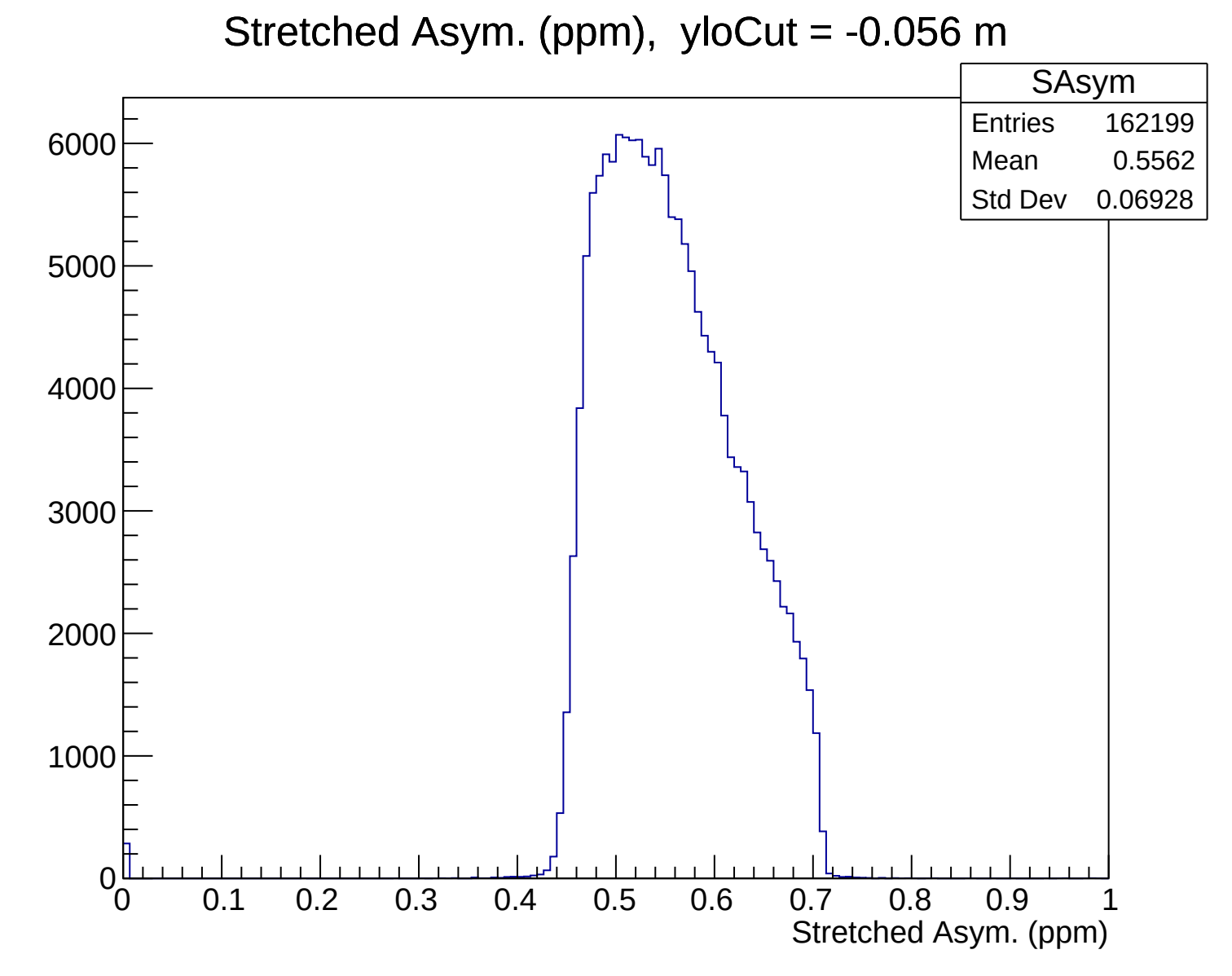

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.056
L.tr.y[0]+1.3*L.tr.ph[0] (m)

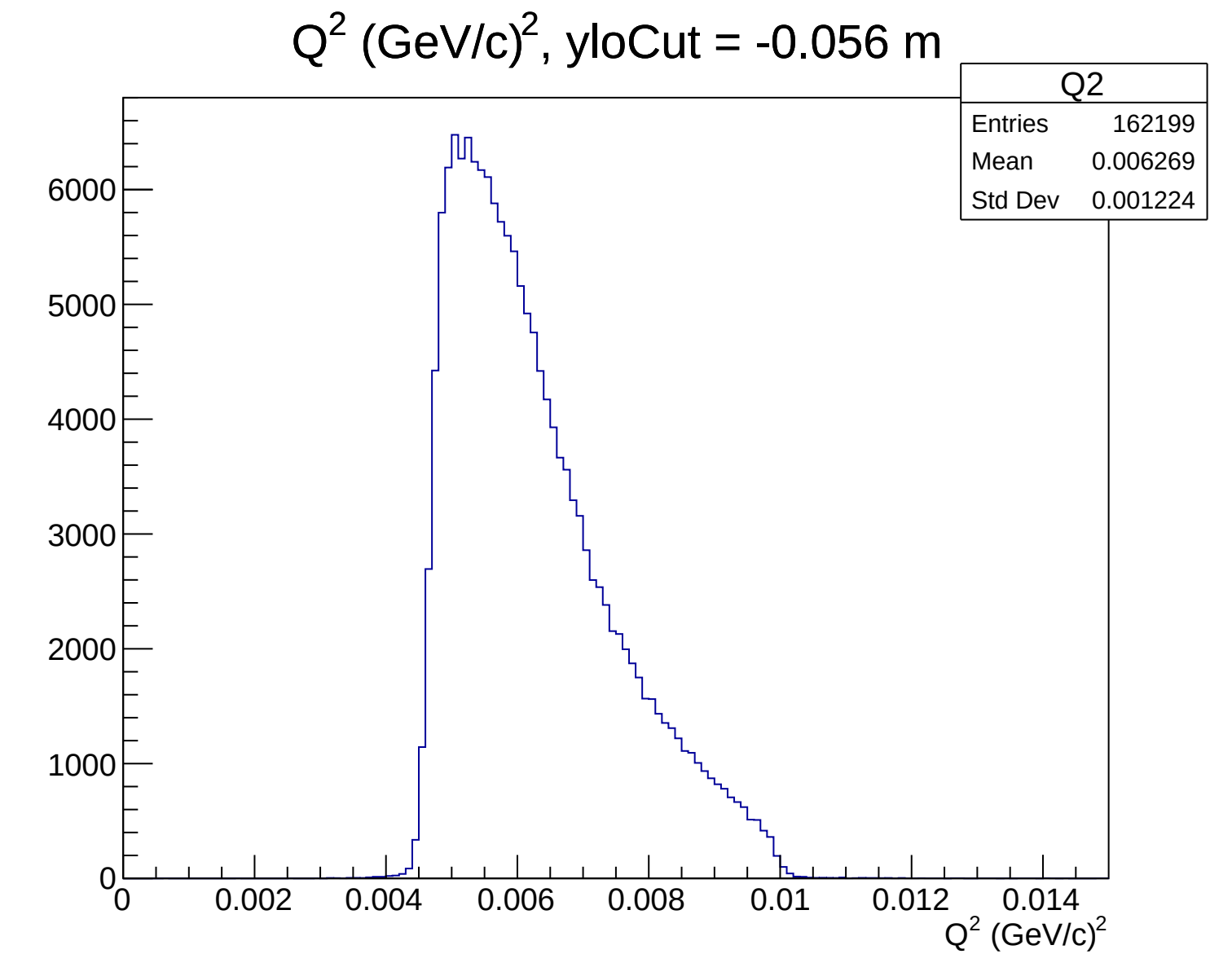

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

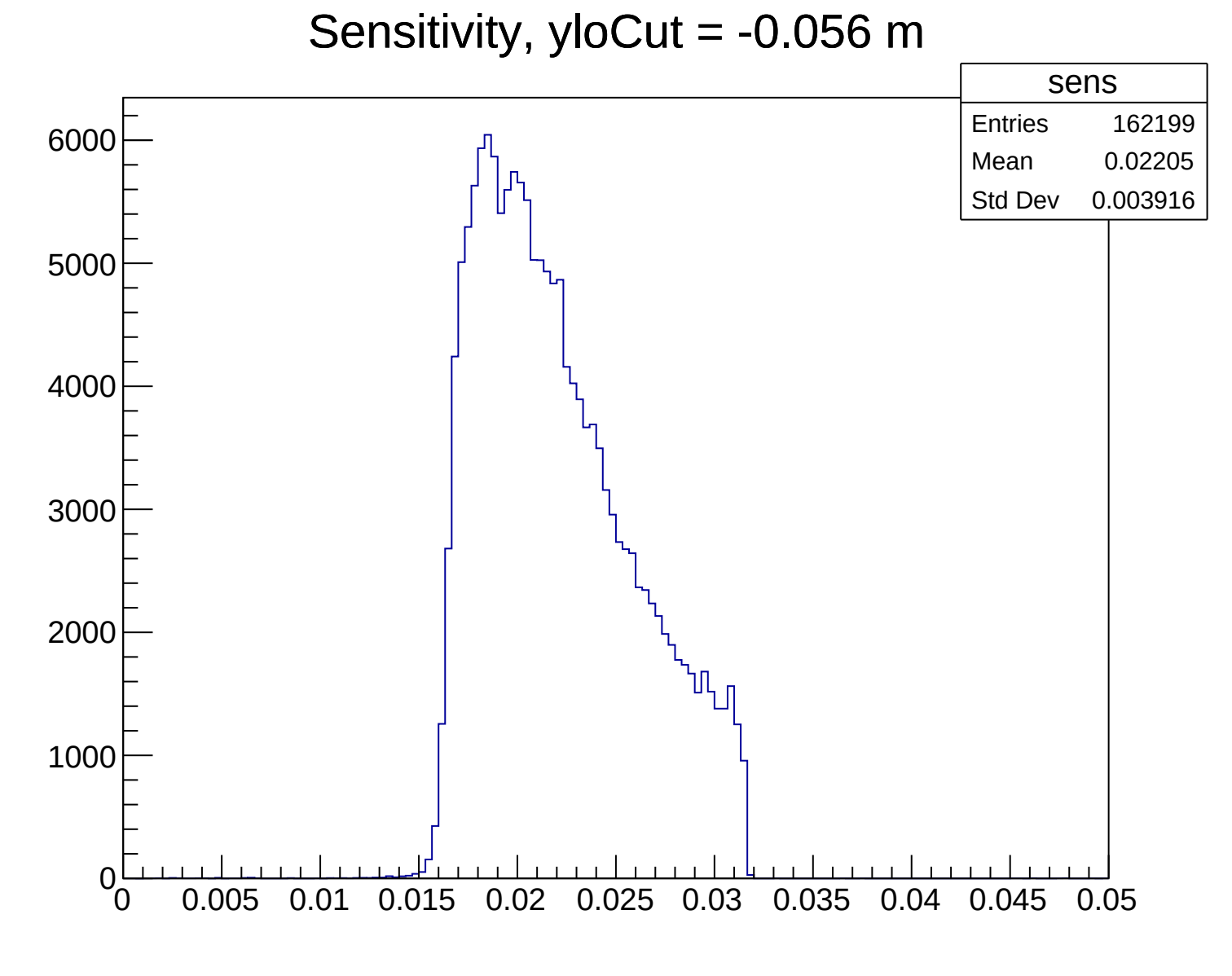

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

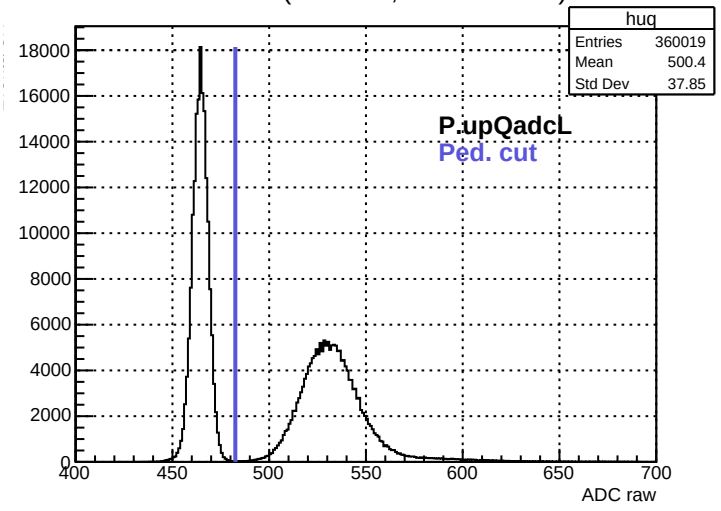

θlab (deg), yloCut = -0.056 m
Theta
Entries 162199
Mean 4.765
Std Dev 0.4533
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

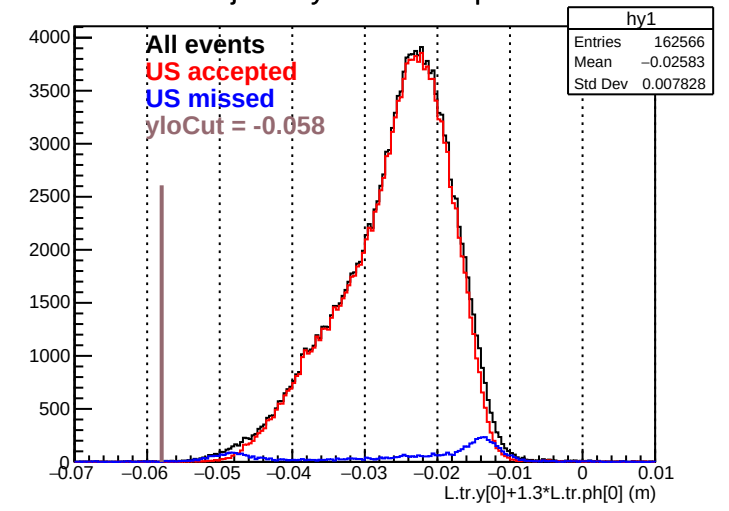

Asymmetry (ppm), yloCut = -0.056 m
Asym
Entries 162199
Mean 0.569
Std Dev 0.07309
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

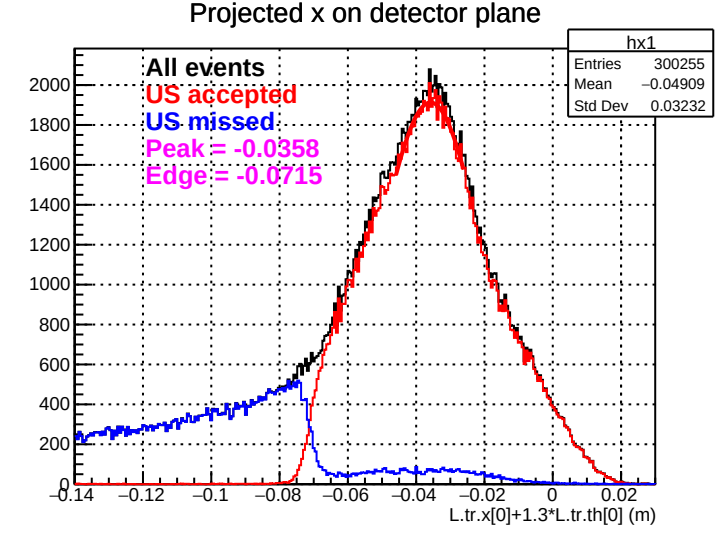

Stretched Asym. (ppm), yloCut = -0.056 m
SAsym
Entries 162199
Mean 0.5562
Std Dev 0.06928
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

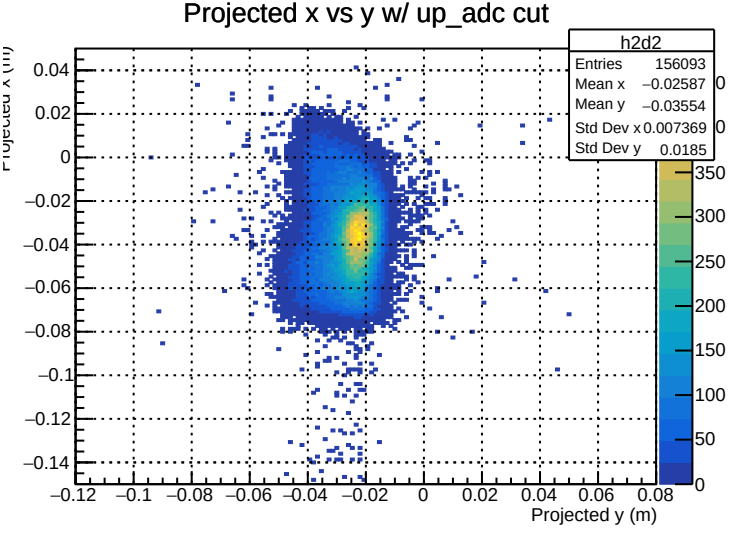

Q^2 (GeV/c)^2, yloCut = -0.056 m
Q2
Entries 162199
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

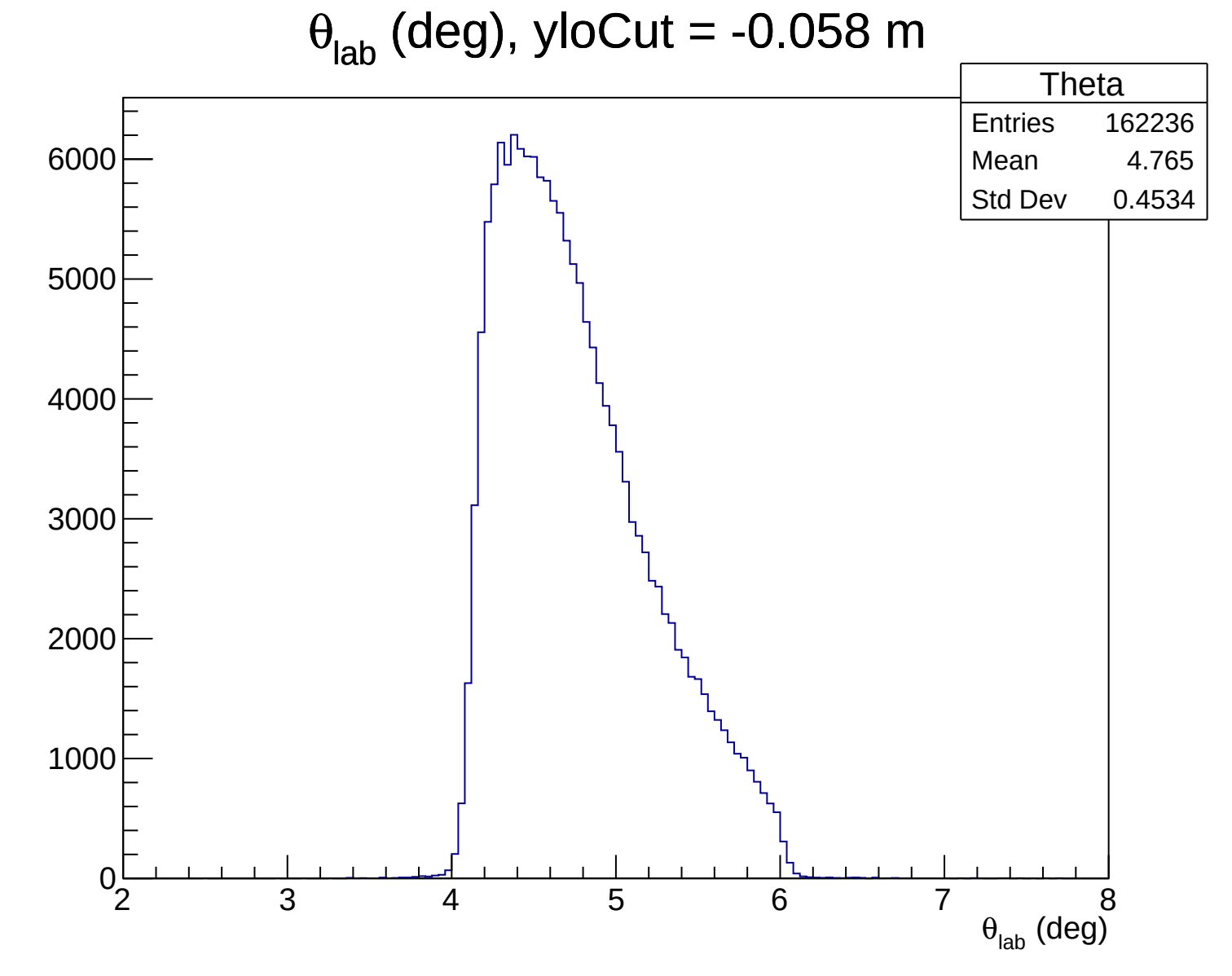

Sensitivity, yloCut = -0.056 m
sens
Entries 162199
Mean 0.02205
Std Dev 0.003916
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

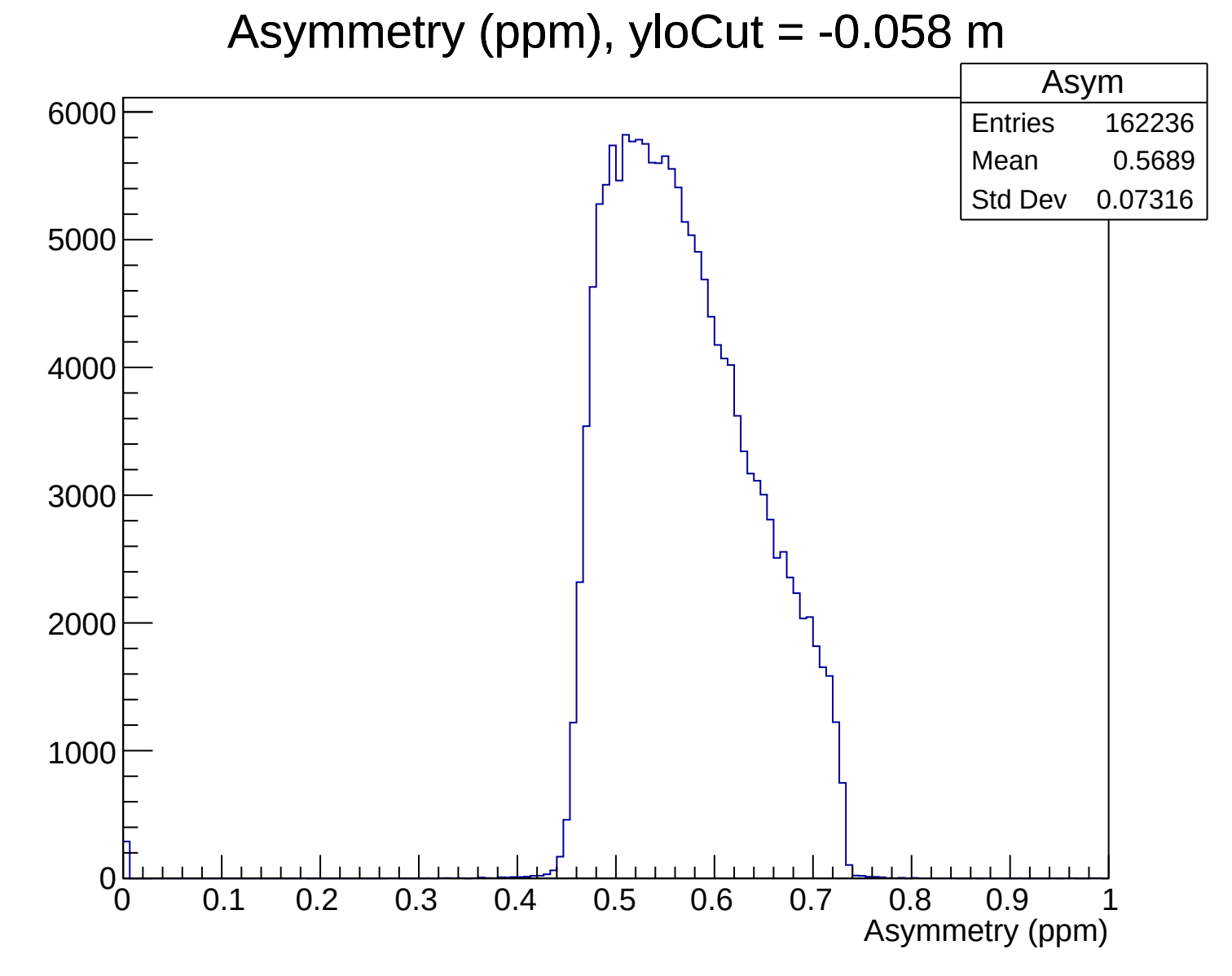

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

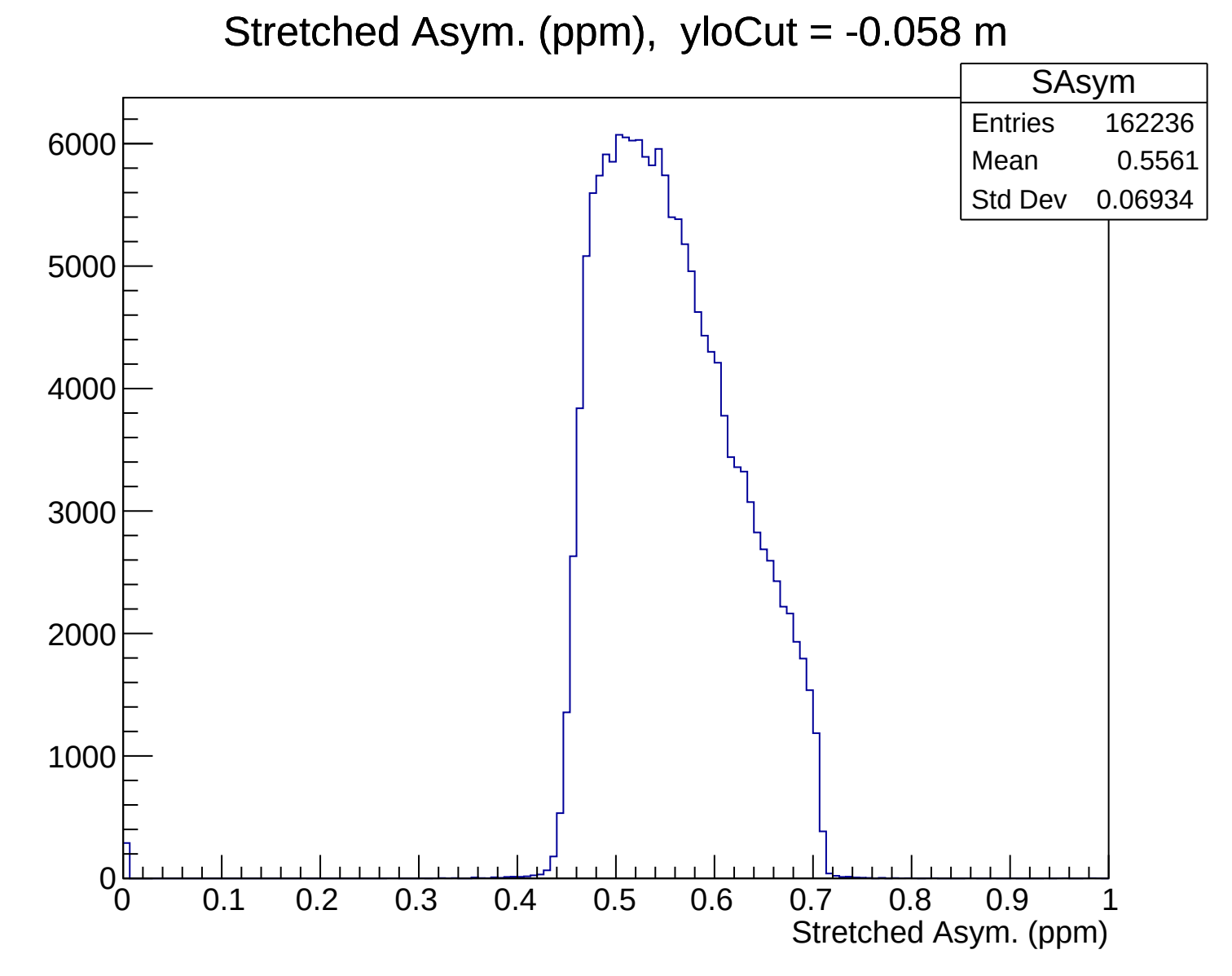

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.058
L.tr.y[0]+1.3*L.tr.ph[0] (m)

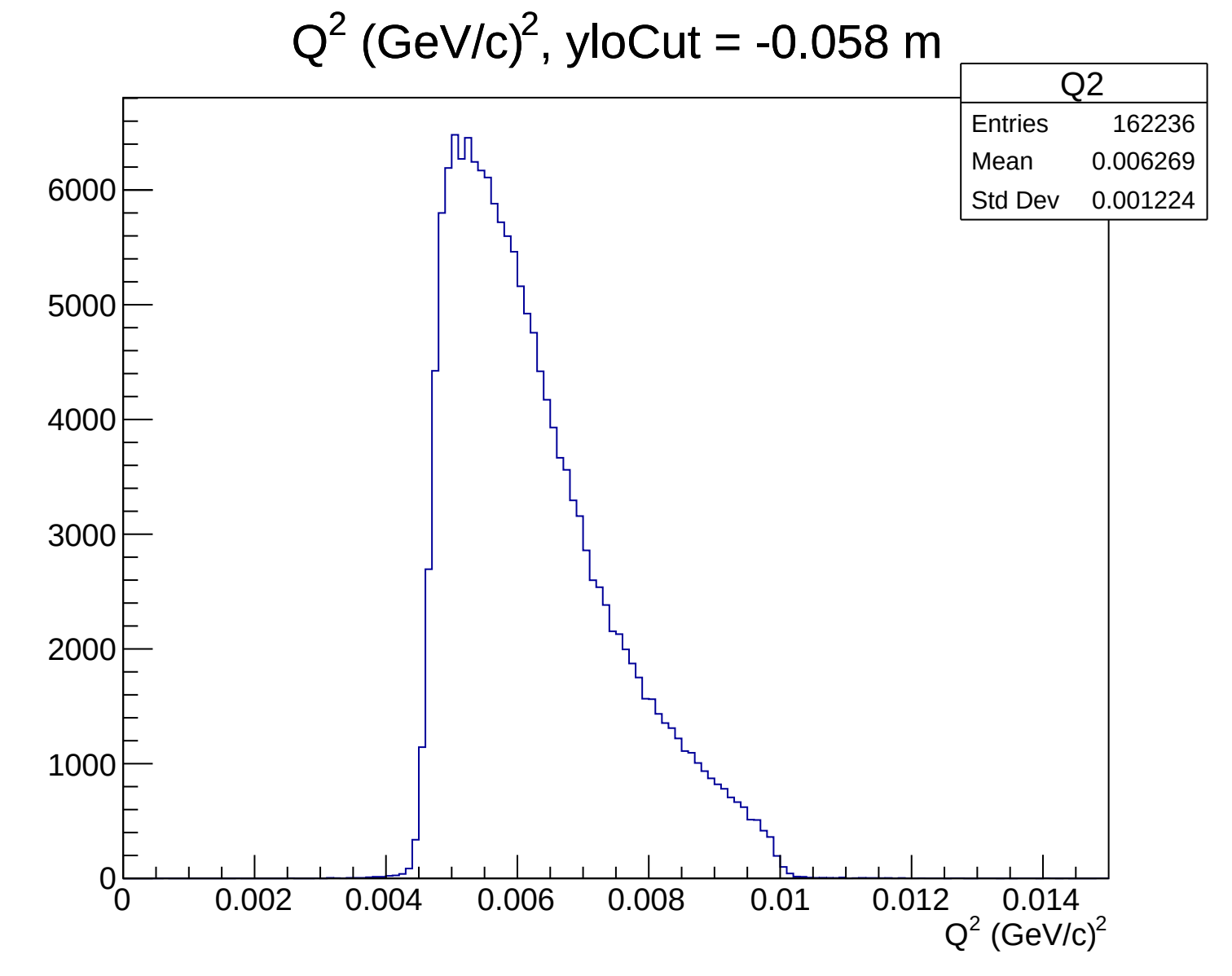

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

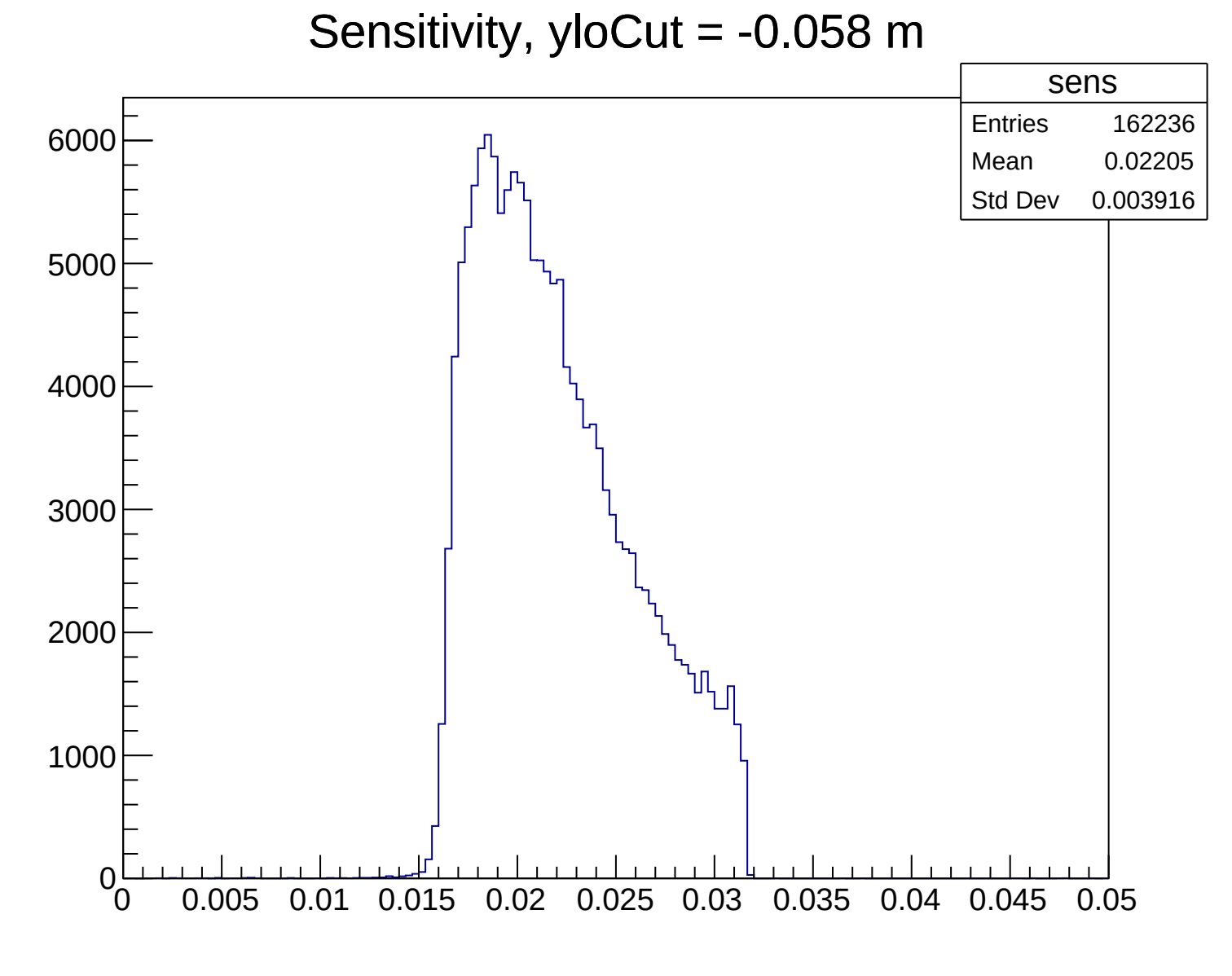

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

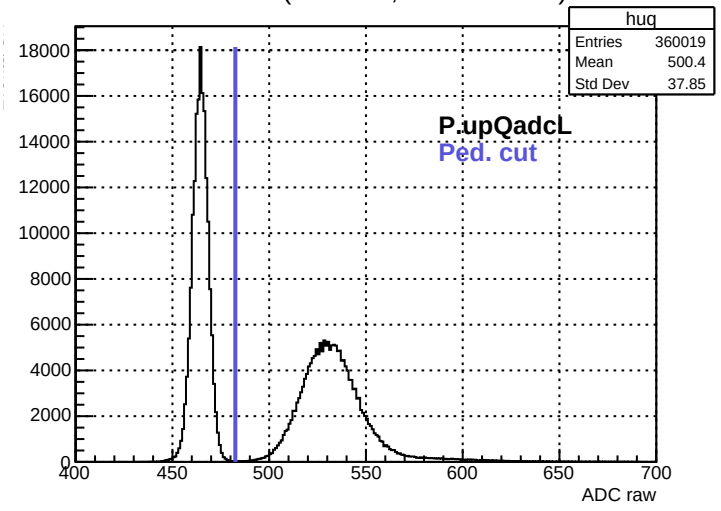

θlab (deg), yloCut = -0.058 m
Theta
Entries 162236
Mean 4.765
Std Dev 0.4534
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

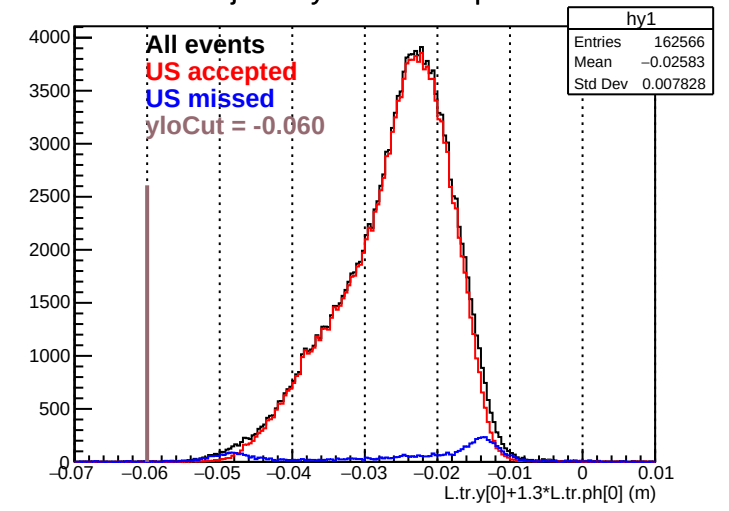

Asymmetry (ppm), yloCut = -0.058 m
Asym
Entries 162236
Mean 0.5689
Std Dev 0.07316
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

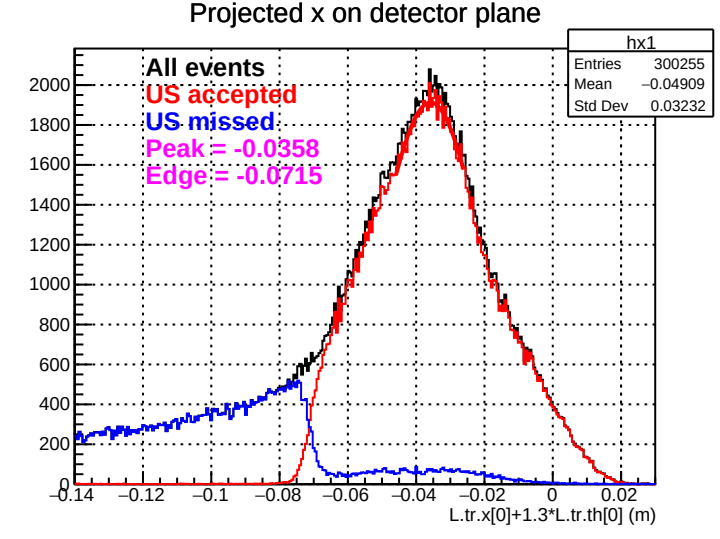

Stretched Asym. (ppm), yloCut = -0.058 m
SAsym
Entries 162236
Mean 0.5561
Std Dev 0.06934
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

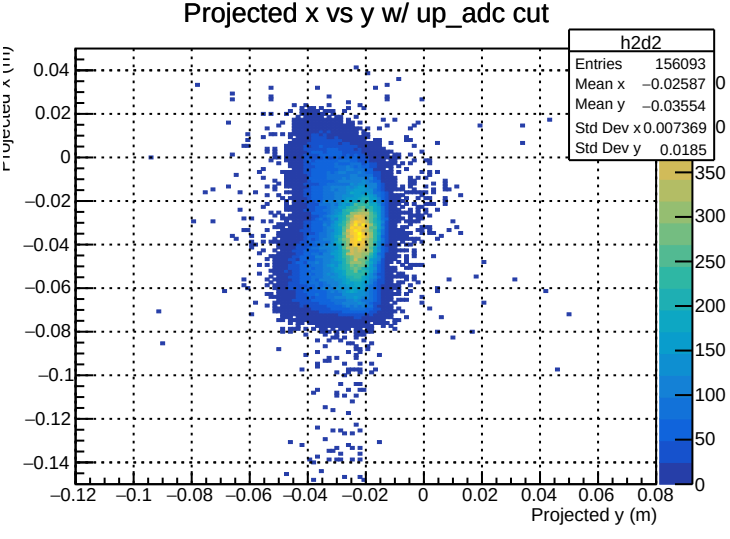

Q^2 (GeV/c)^2, yloCut = -0.058 m
Q2
Entries 162236
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

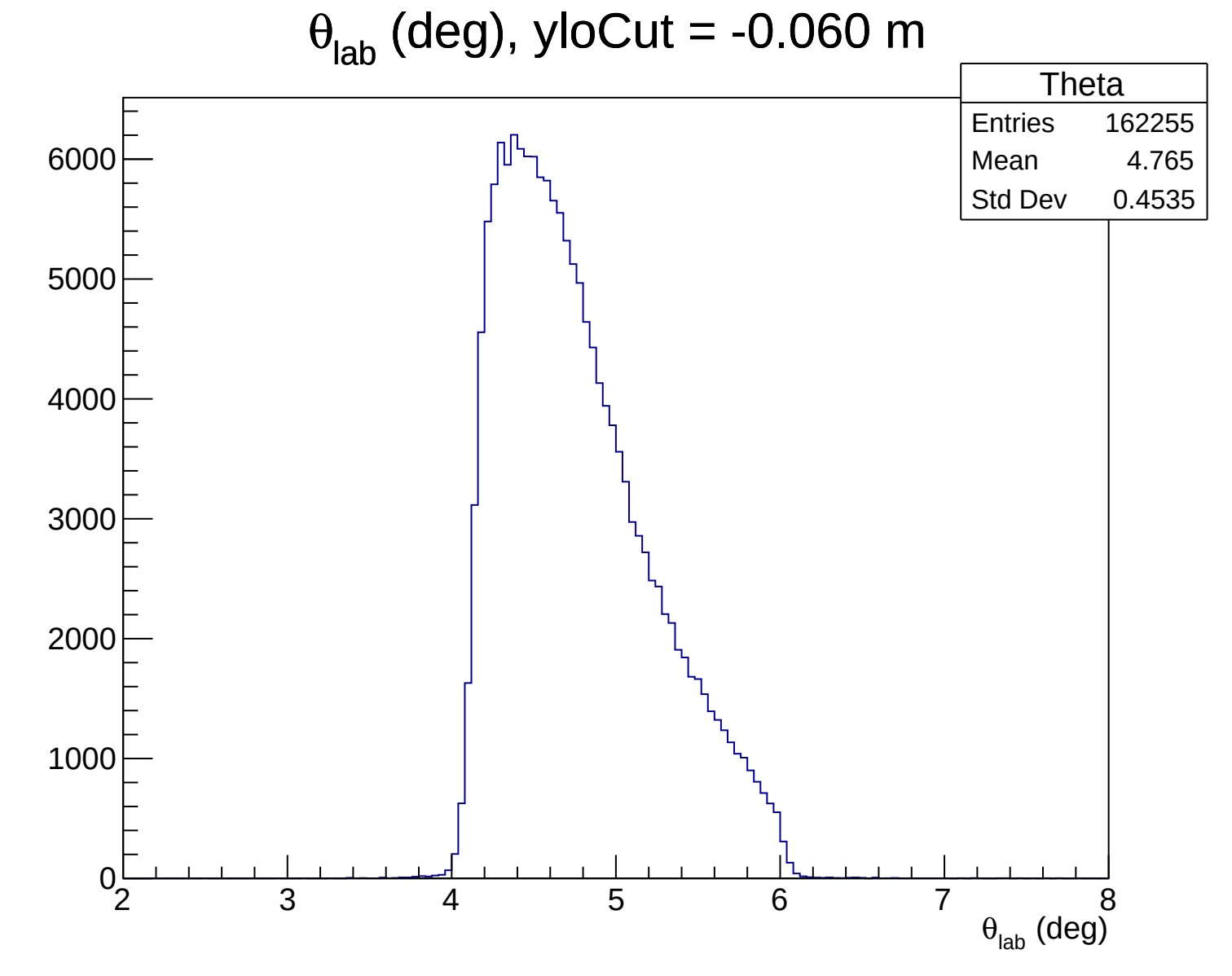

Sensitivity, yloCut = -0.058 m
sens
Entries 162236
Mean 0.02205
Std Dev 0.003916
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

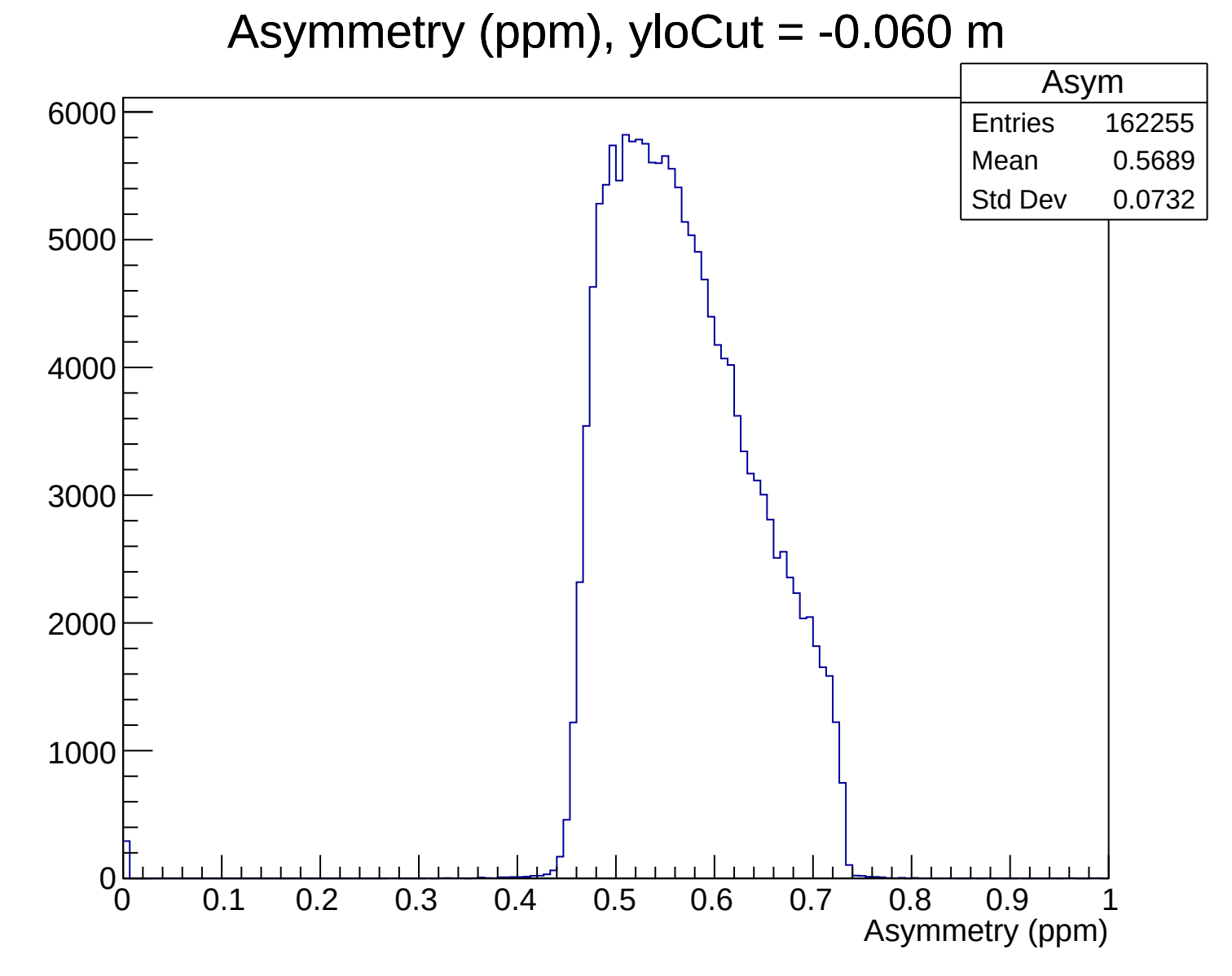

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

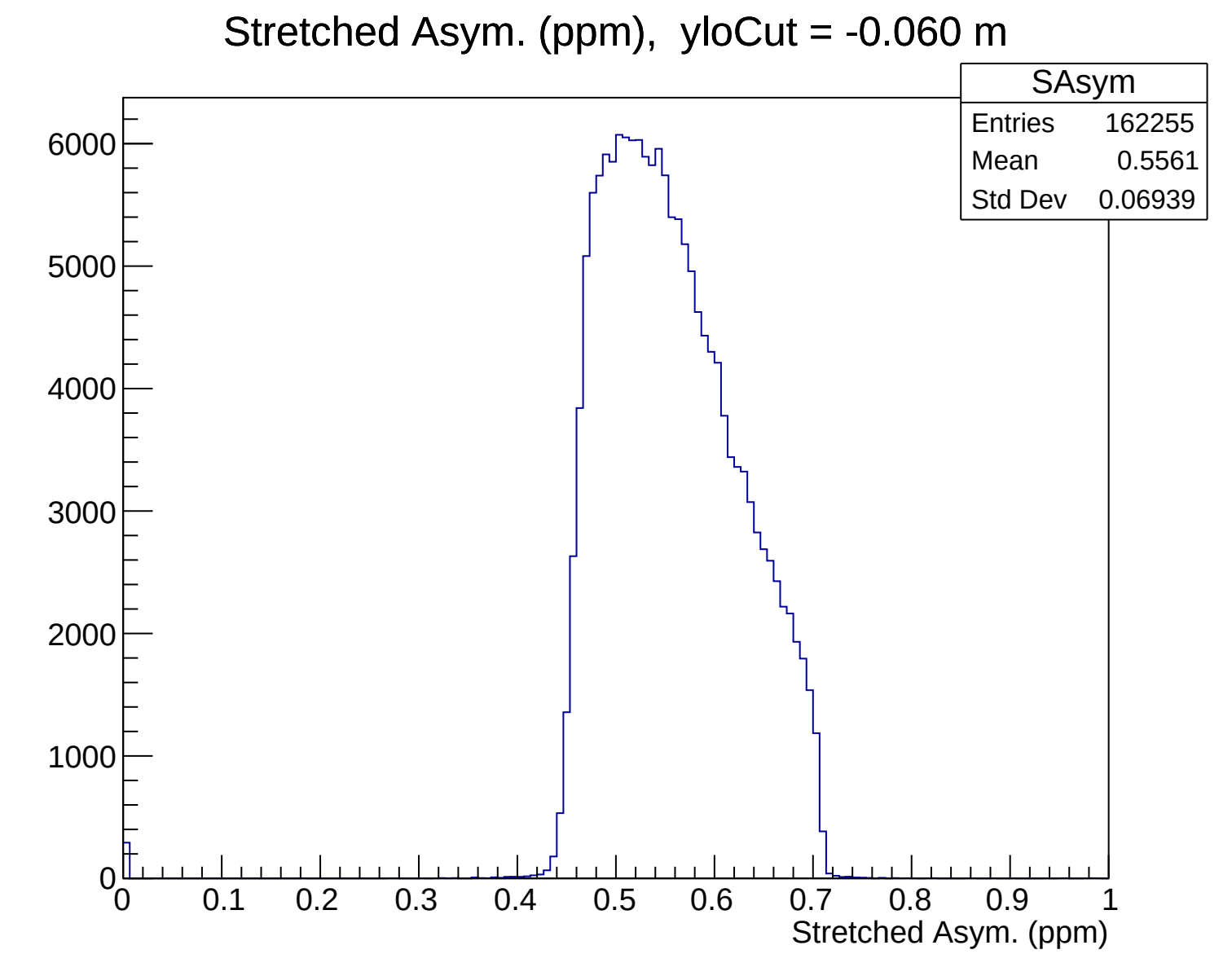

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.060
L.tr.y[0]+1.3*L.tr.ph[0] (m)

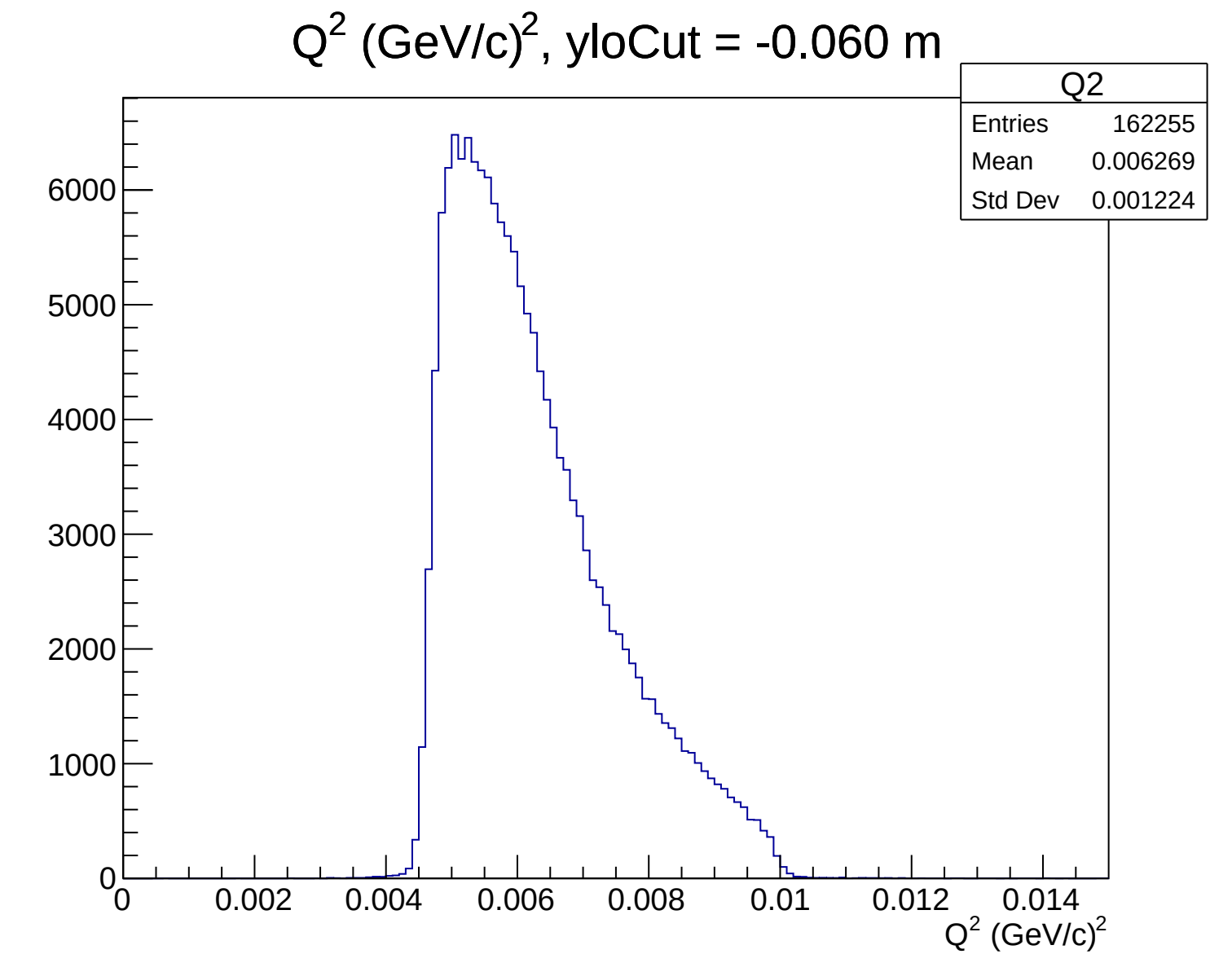

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

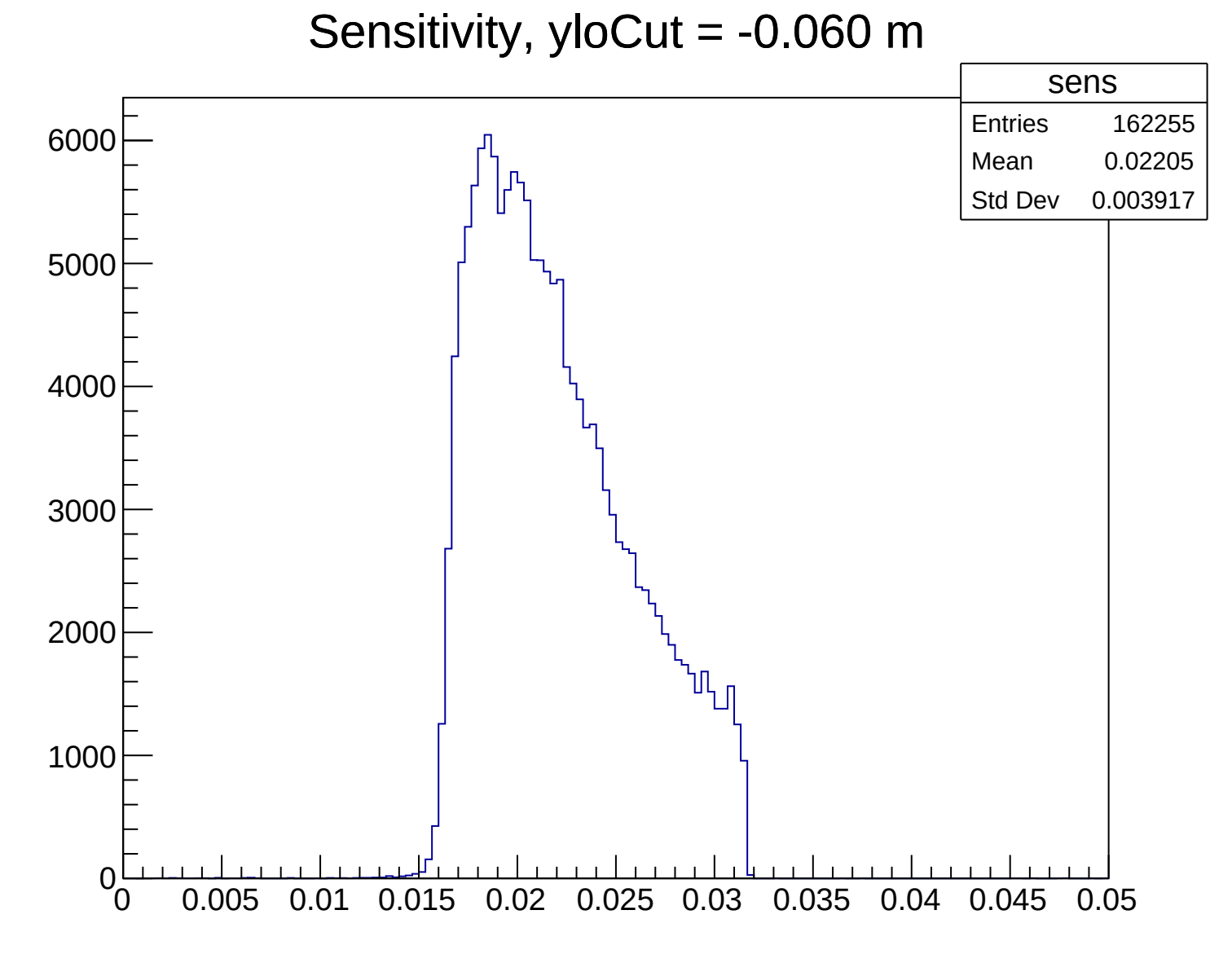

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

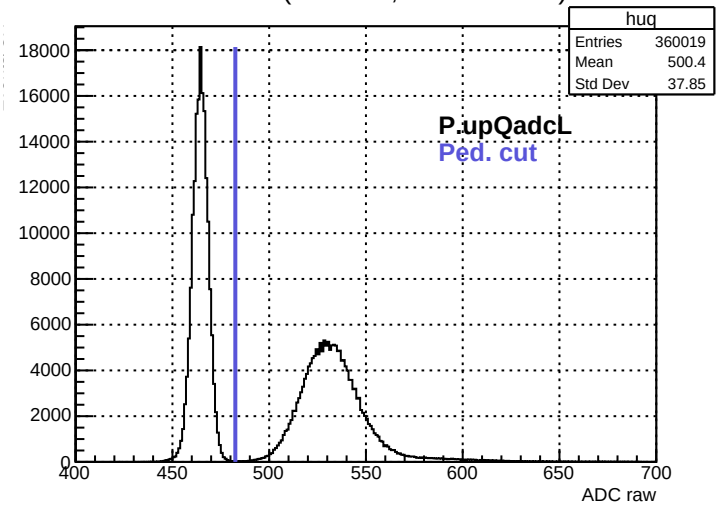

θlab (deg), yloCut = -0.060 m
Theta
Entries 162255
Mean 4.765
Std Dev 0.4535
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

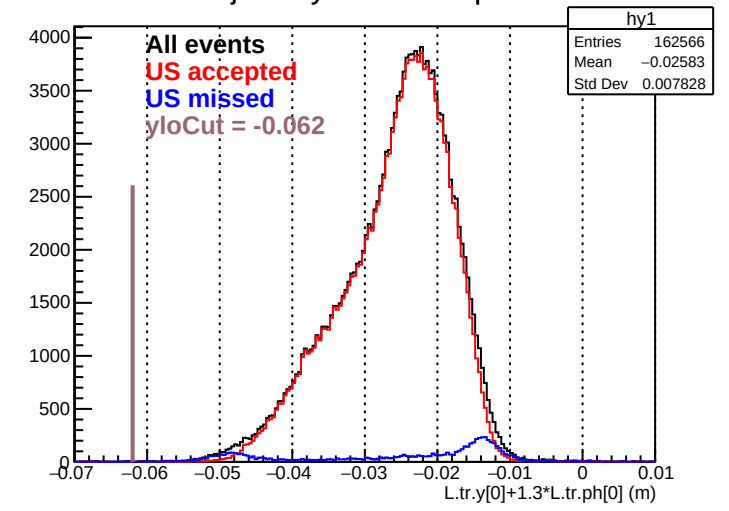

Asymmetry (ppm), yloCut = -0.060 m
Asym
Entries 162255
Mean 0.5689
Std Dev 0.0732
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

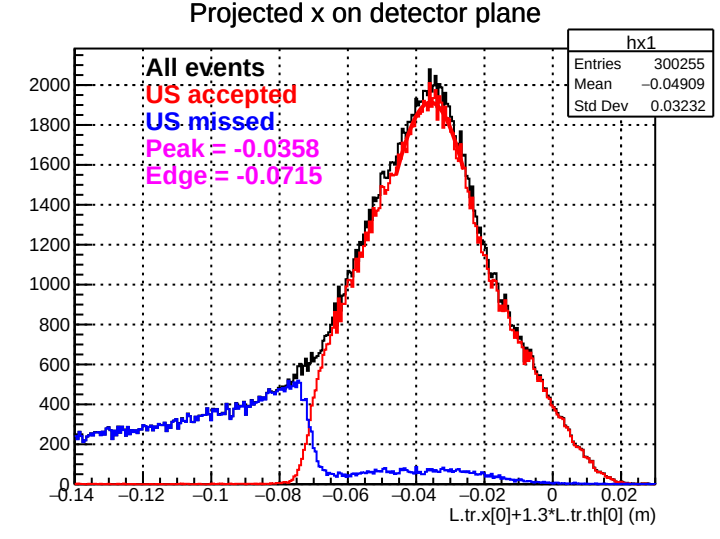

Stretched Asym. (ppm), yloCut = -0.060 m
SAsym
Entries 162255
Mean 0.5561
Std Dev 0.06939
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

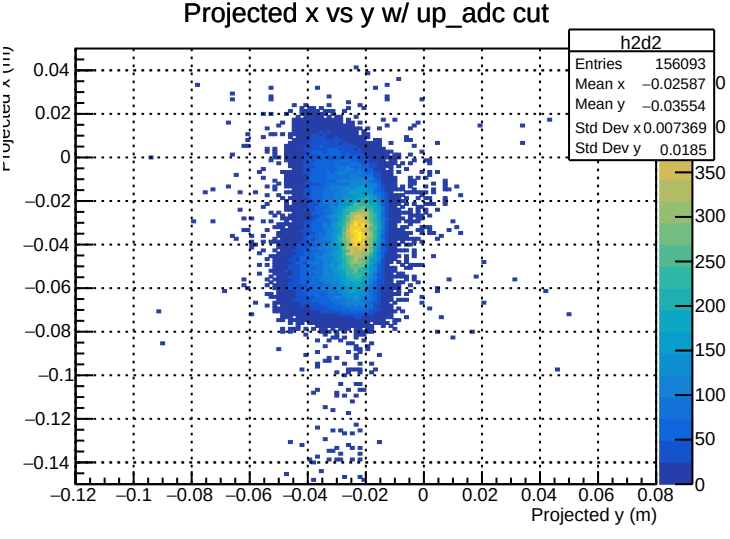

Q^2 (GeV/c)^2, yloCut = -0.060 m
Q2
Entries 162255
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

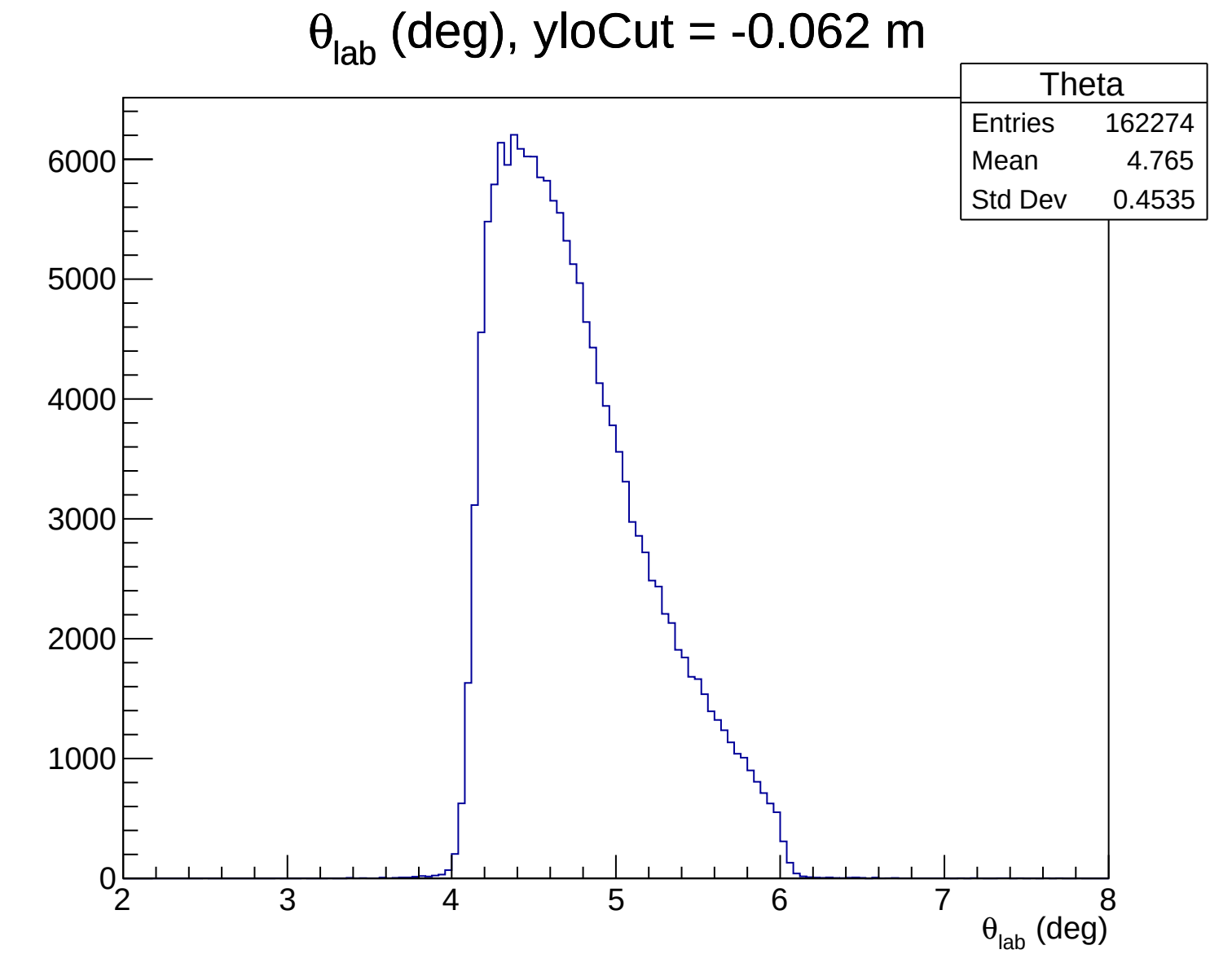

Sensitivity, yloCut = -0.060 m
sens
Entries 162255
Mean 0.02205
Std Dev 0.003917
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

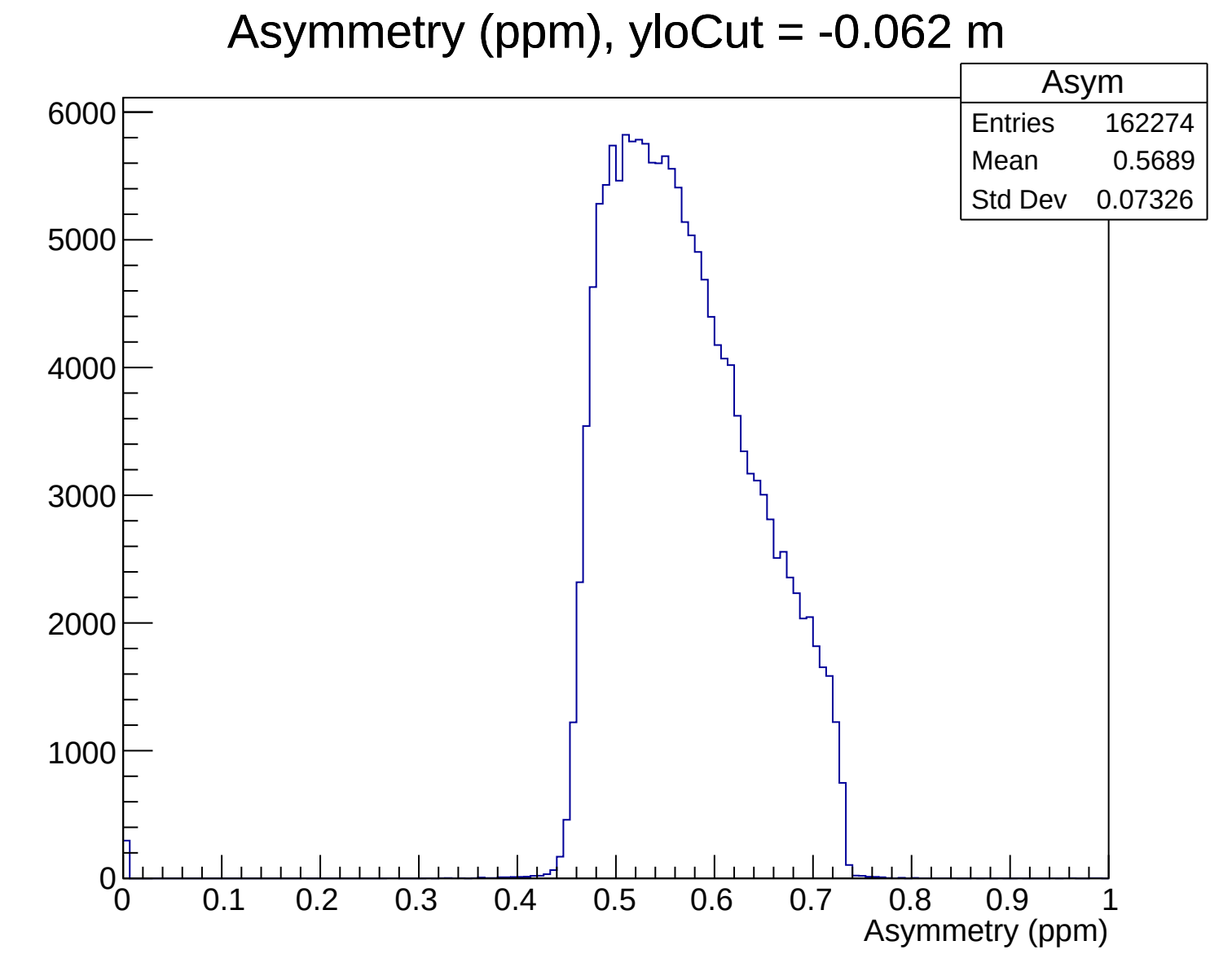

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

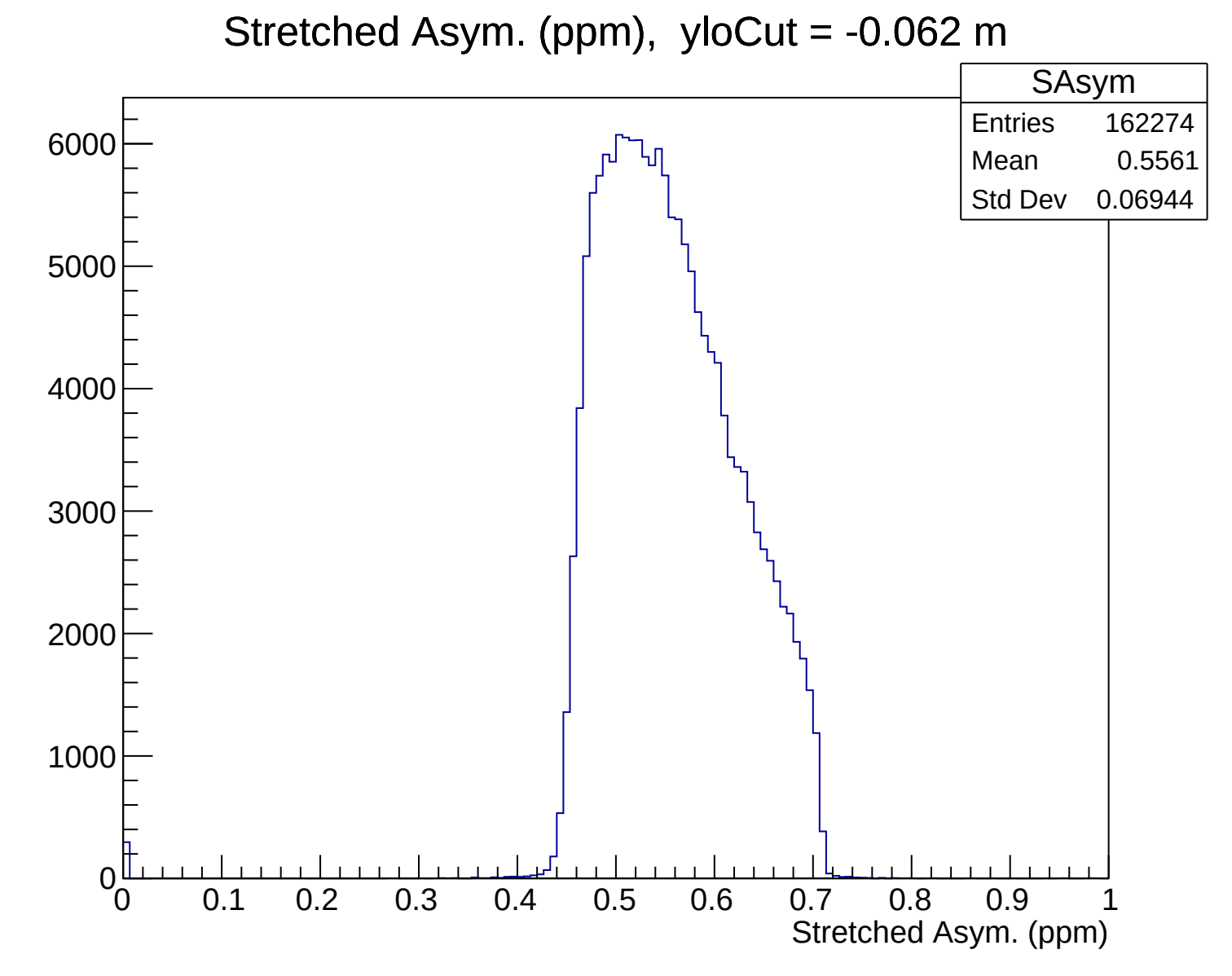

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.062
L.tr.y[0]+1.3*L.tr.ph[0] (m)

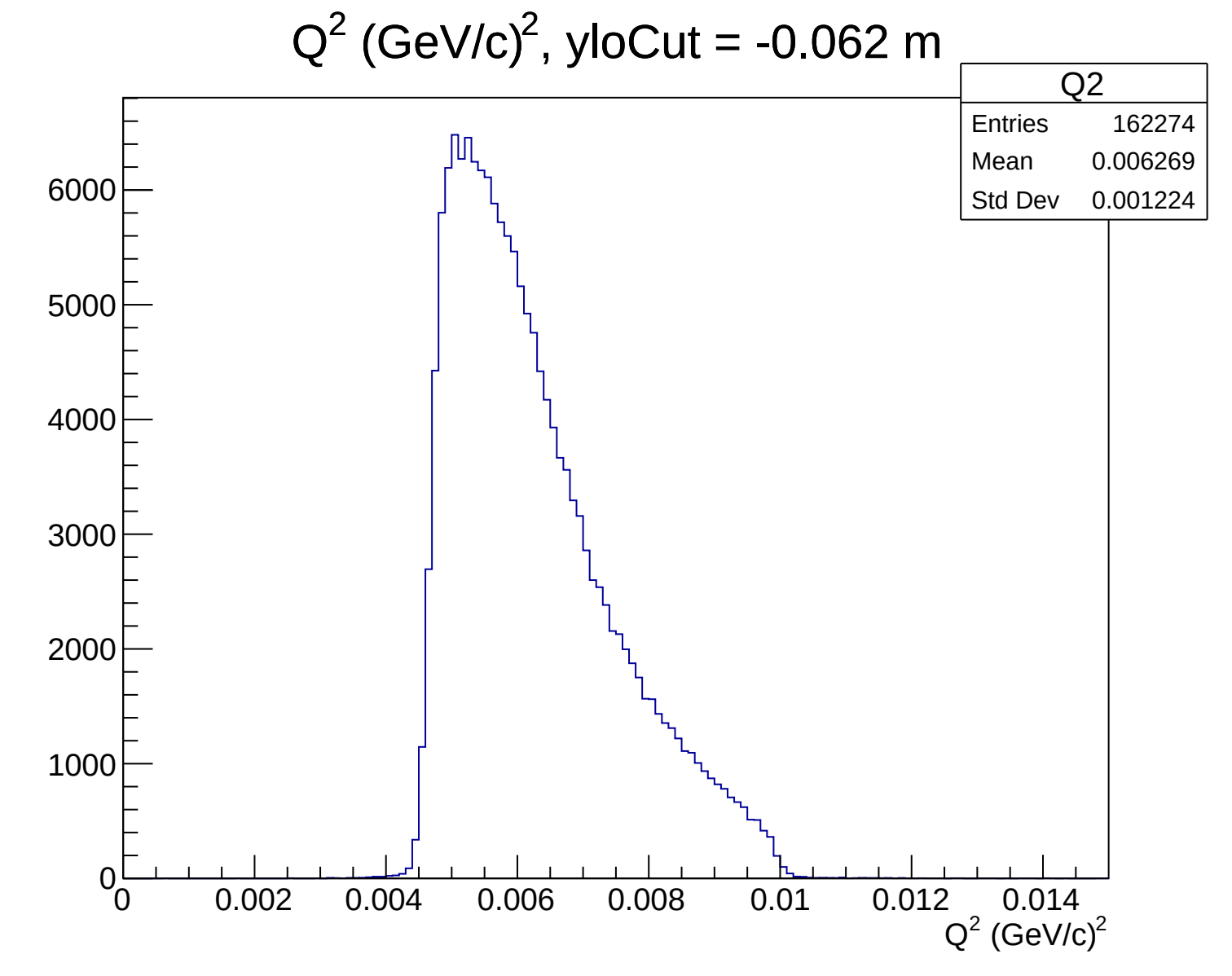

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

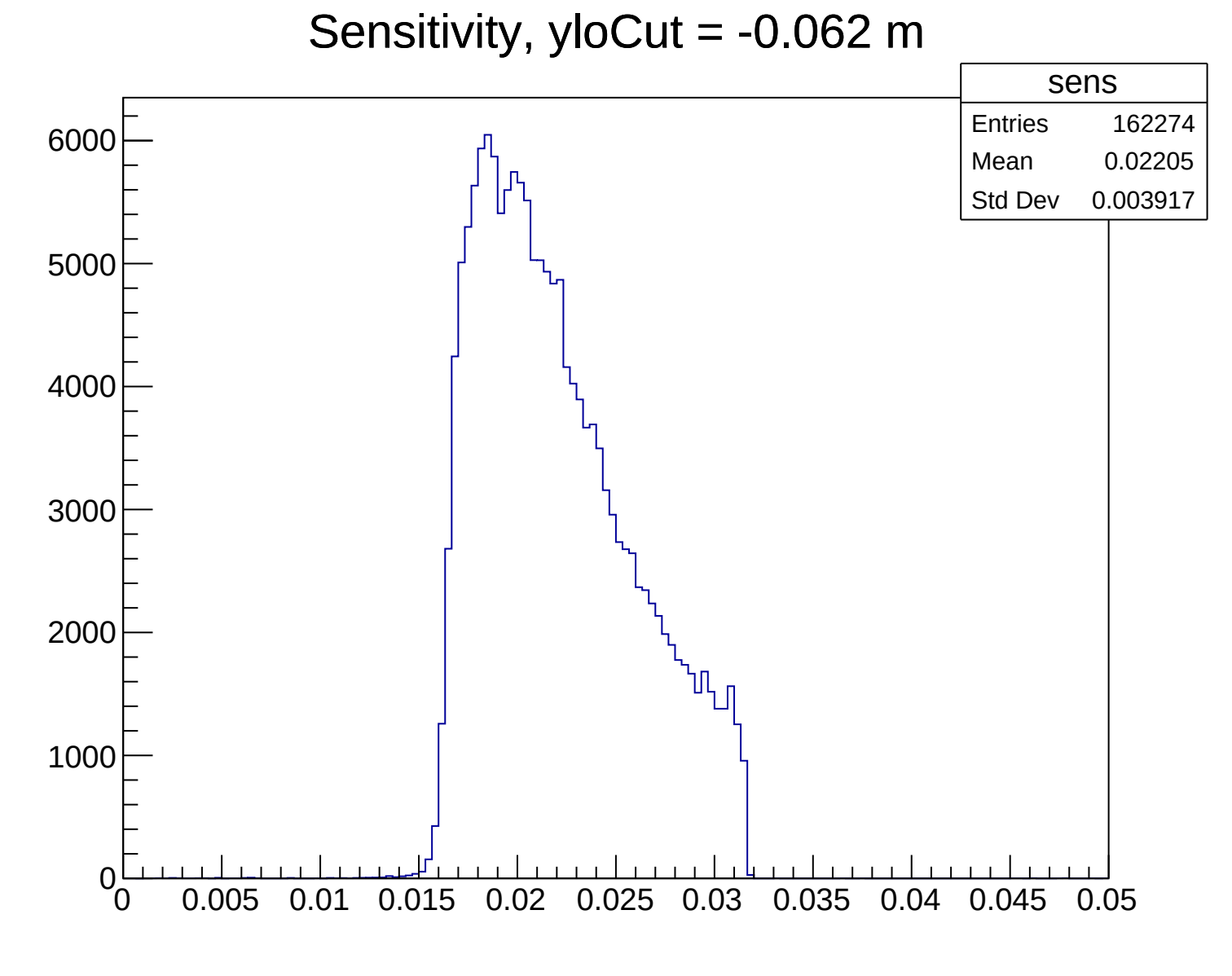

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

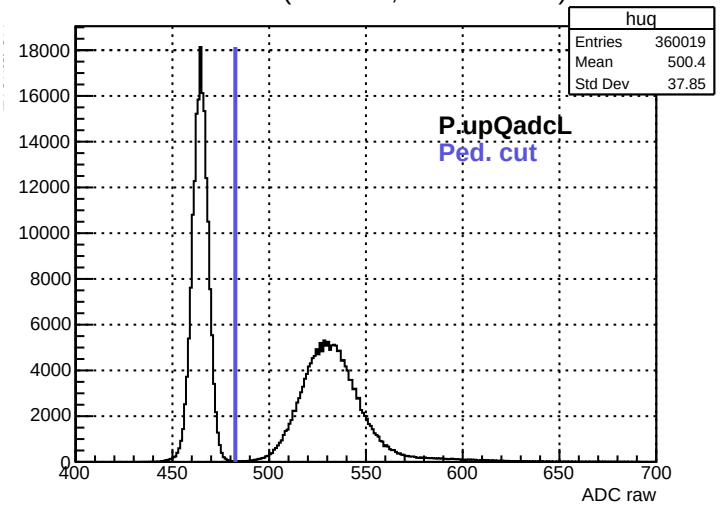

θlab (deg), yloCut = -0.062 m
Theta
Entries 162274
Mean 4.765
Std Dev 0.4535
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

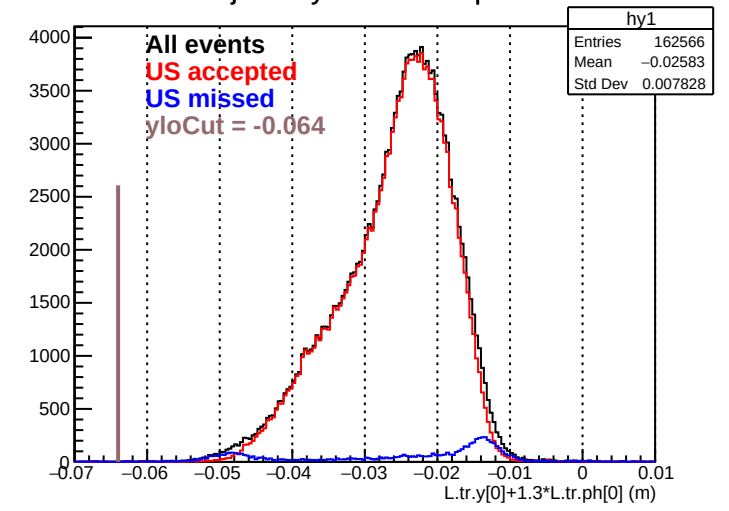

Asymmetry (ppm), yloCut = -0.062 m
Asym
Entries 162274
Mean 0.5689
Std Dev 0.07326
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

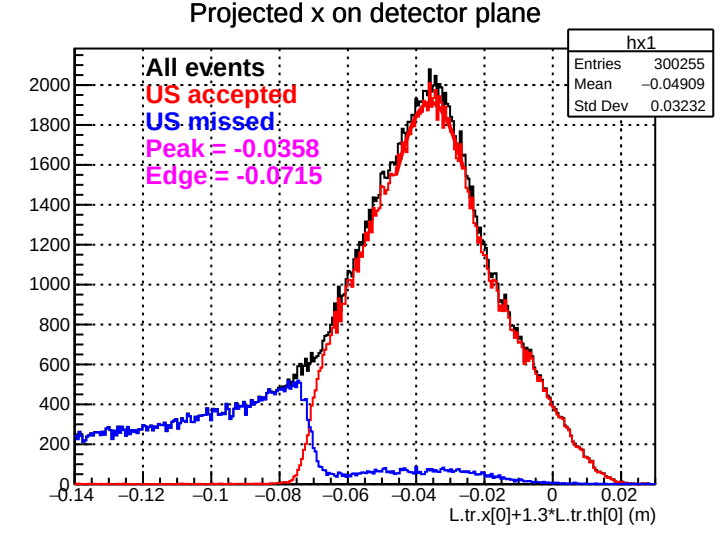

Stretched Asym. (ppm), yloCut = -0.062 m
SAsym
Entries 162274
Mean 0.5561
Std Dev 0.06944
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

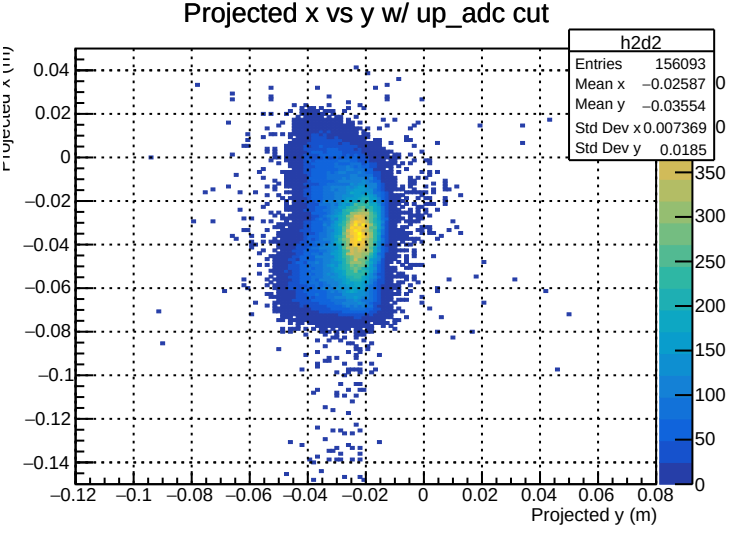

Q^2 (GeV/c)^2, yloCut = -0.062 m
Q2
Entries 162274
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

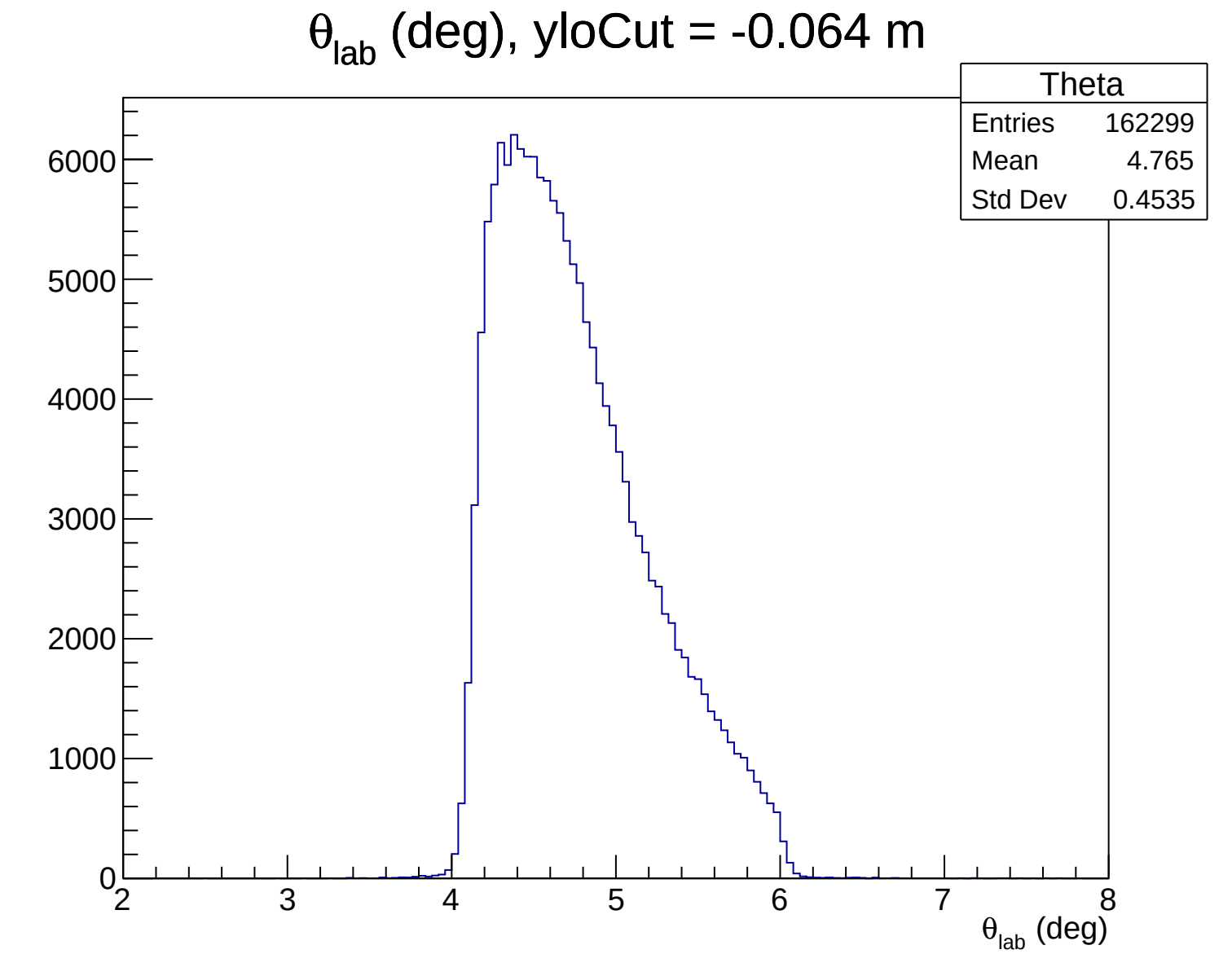

Sensitivity, yloCut = -0.062 m
sens
Entries 162274
Mean 0.02205
Std Dev 0.003917
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

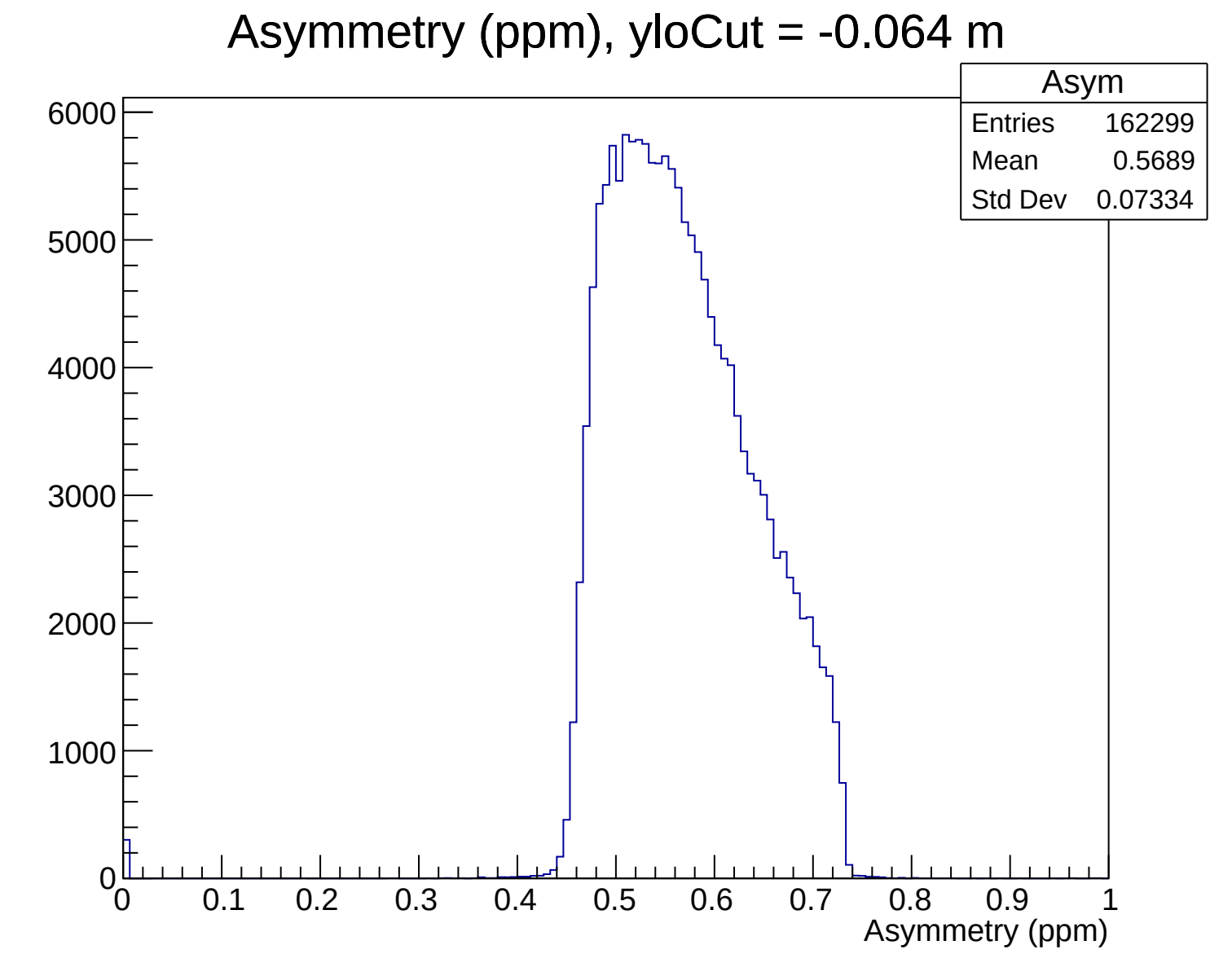

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

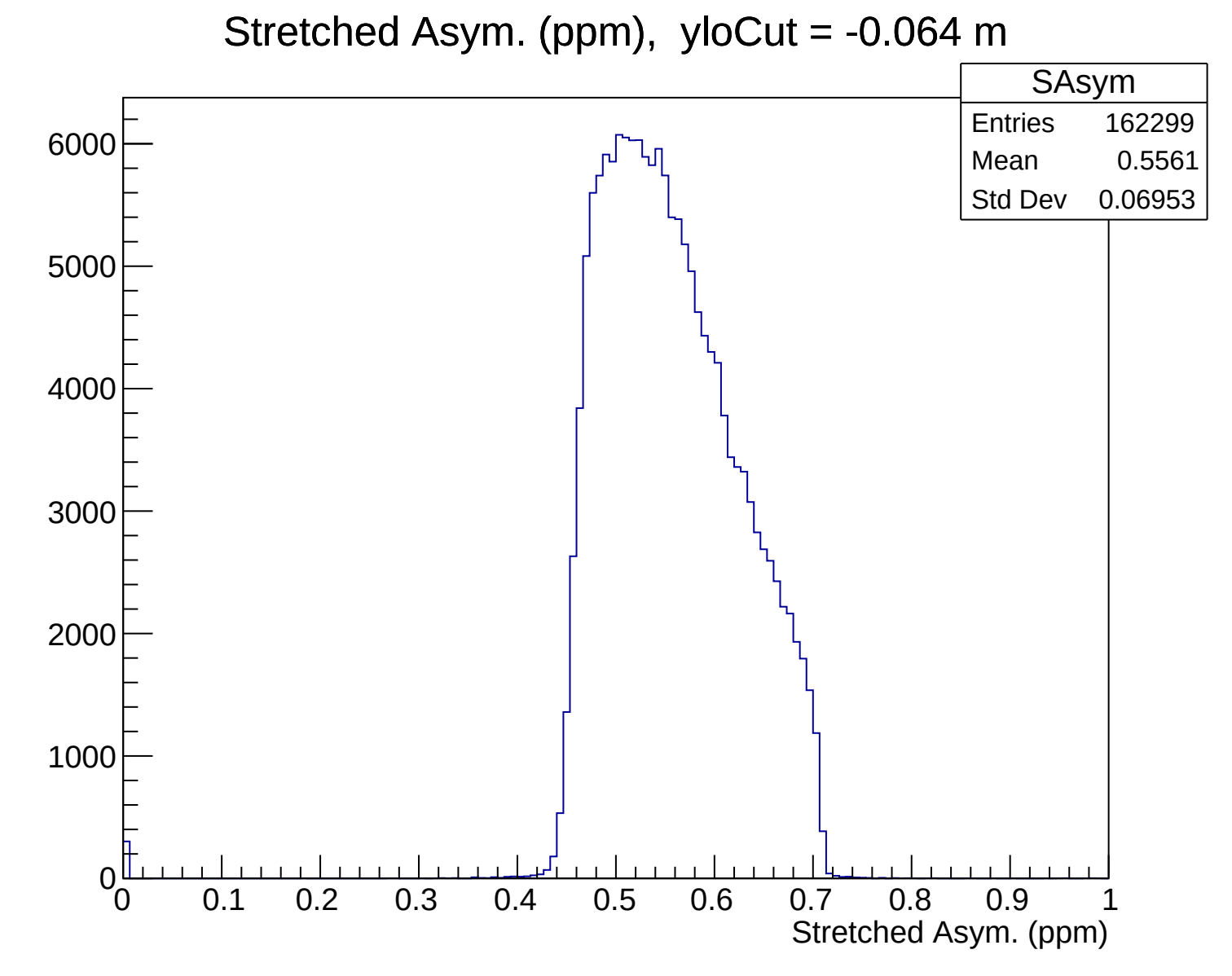

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.064
L.tr.y[0]+1.3*L.tr.ph[0] (m)

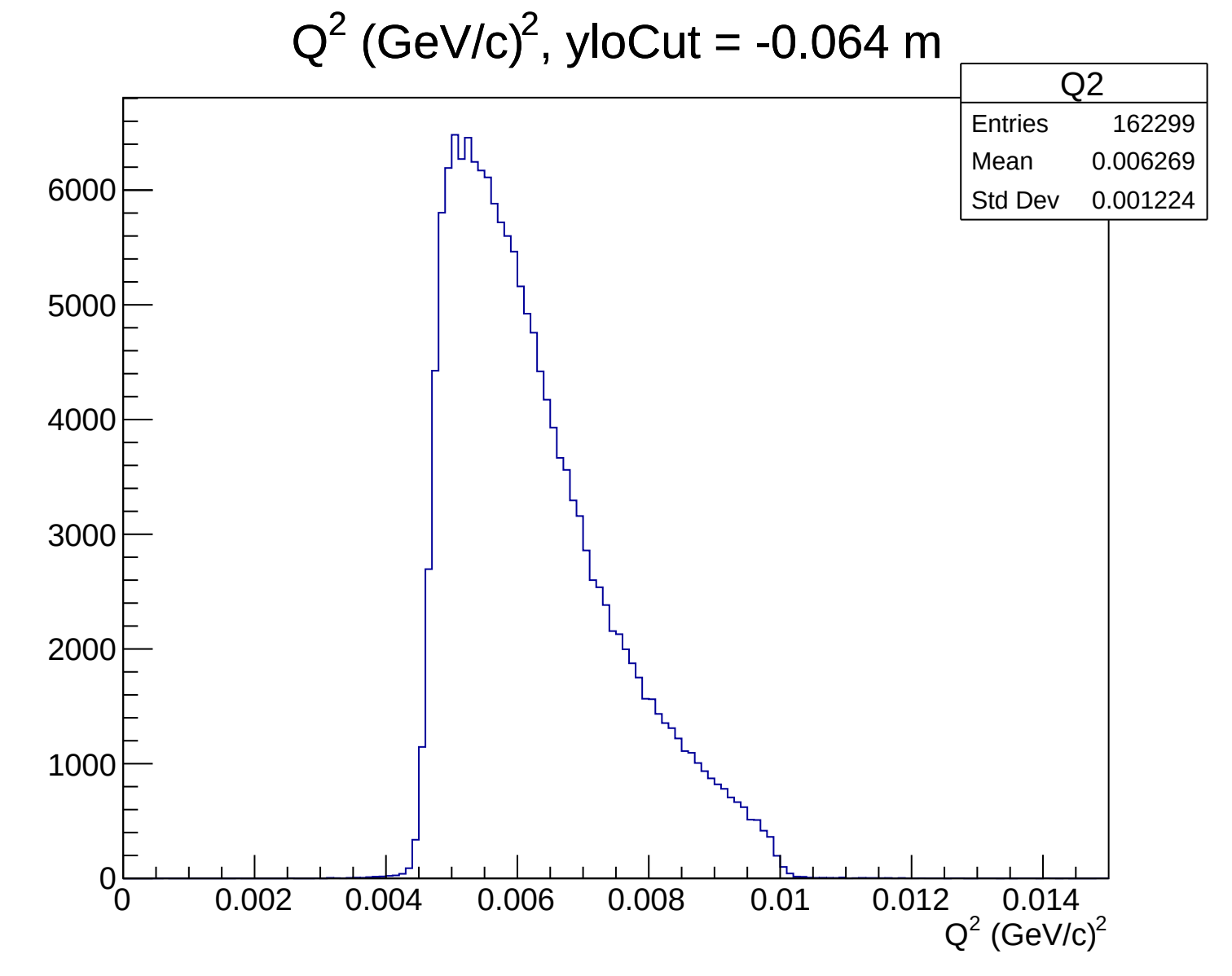

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

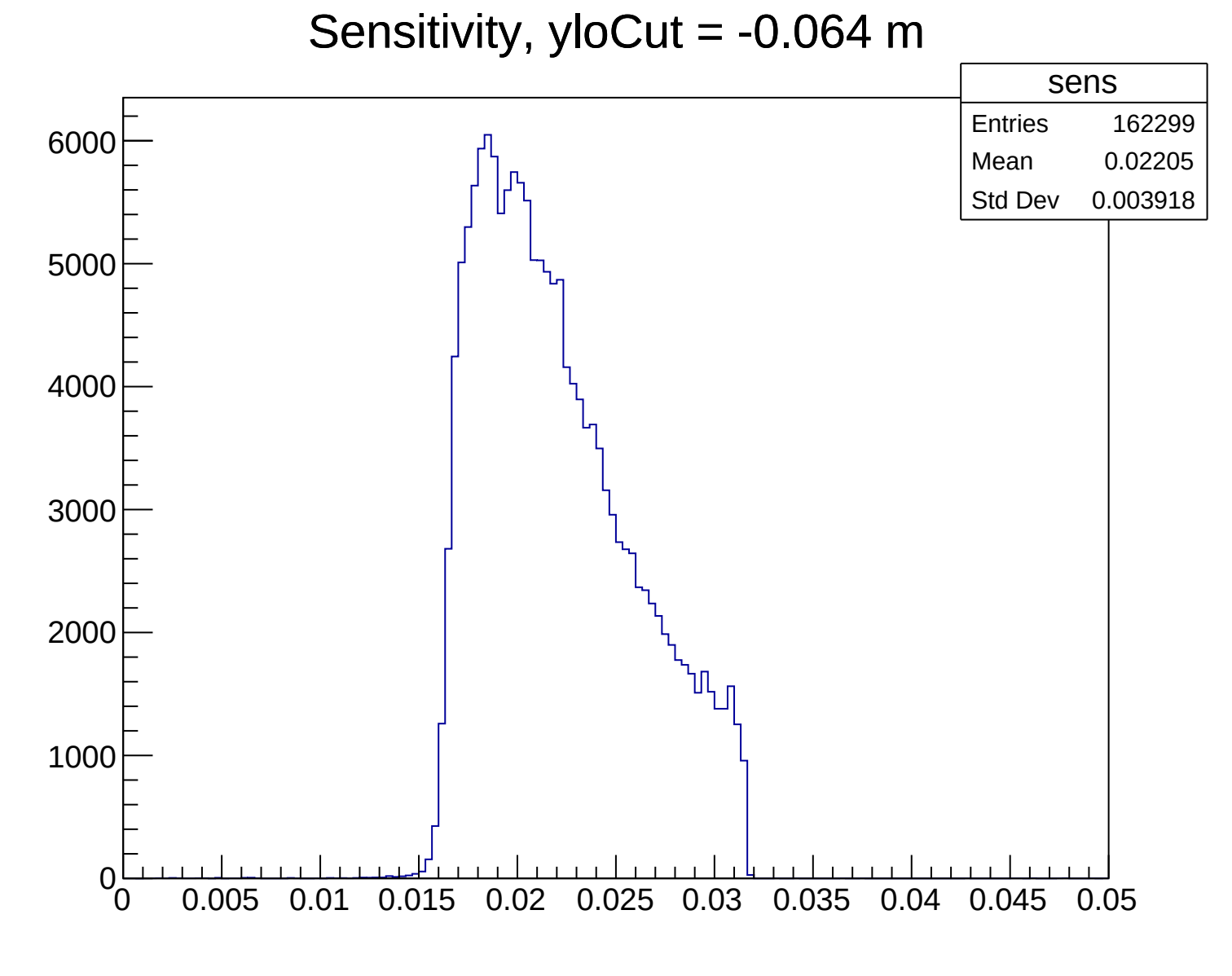

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

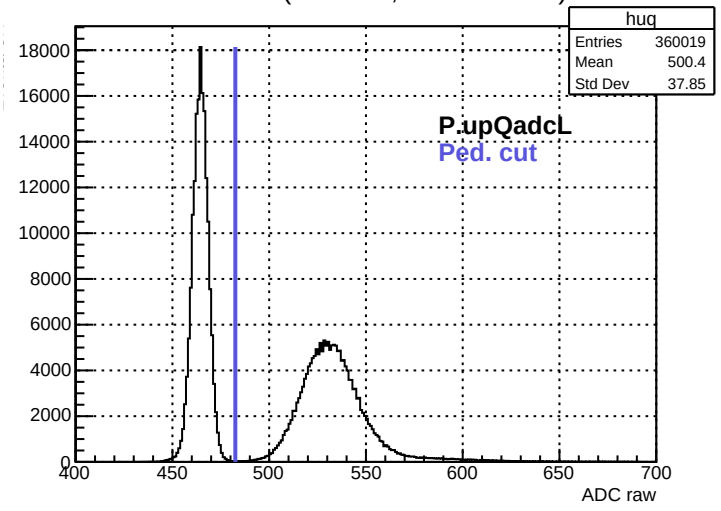

θlab (deg), yloCut = -0.064 m
Theta
Entries 162299
Mean 4.765
Std Dev 0.4535
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

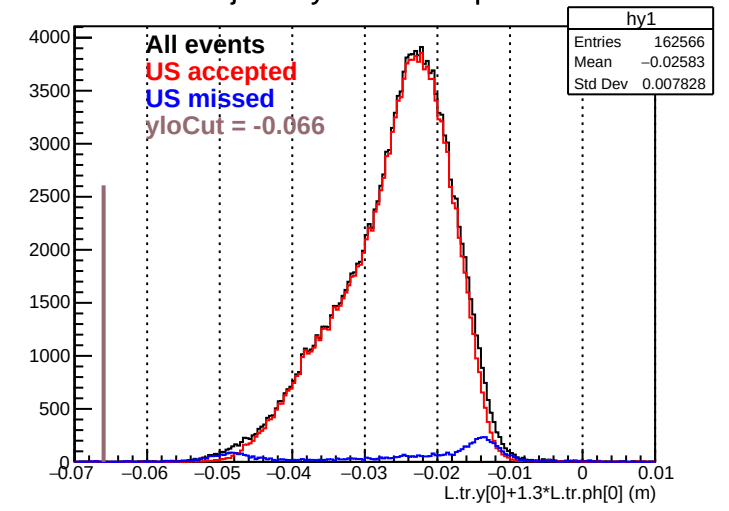

Asymmetry (ppm), yloCut = -0.064 m
Asym
Entries 162299
Mean 0.5689
Std Dev 0.07334
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

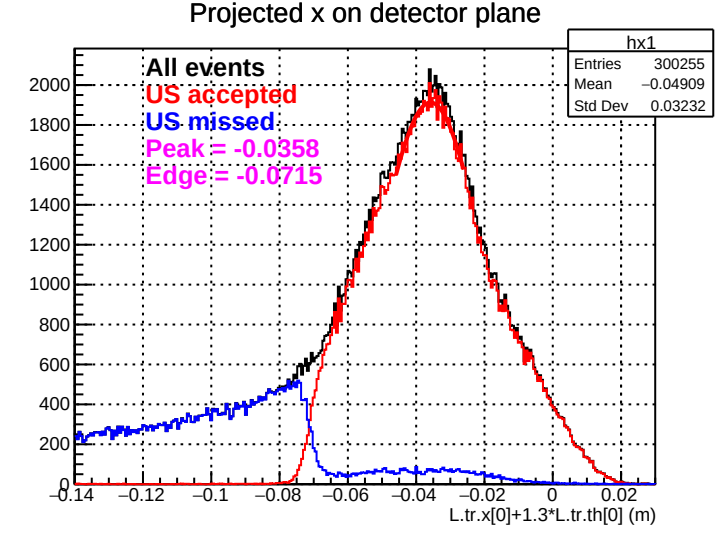

Stretched Asym. (ppm), yloCut = -0.064 m
SAsym
Entries 162299
Mean 0.5561
Std Dev 0.06953
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

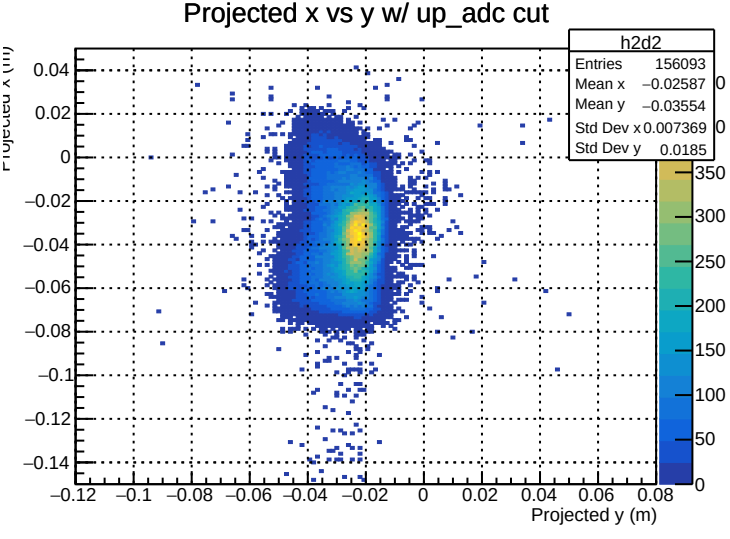

Q^2 (GeV/c)^2, yloCut = -0.064 m
Q2
Entries 162299
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

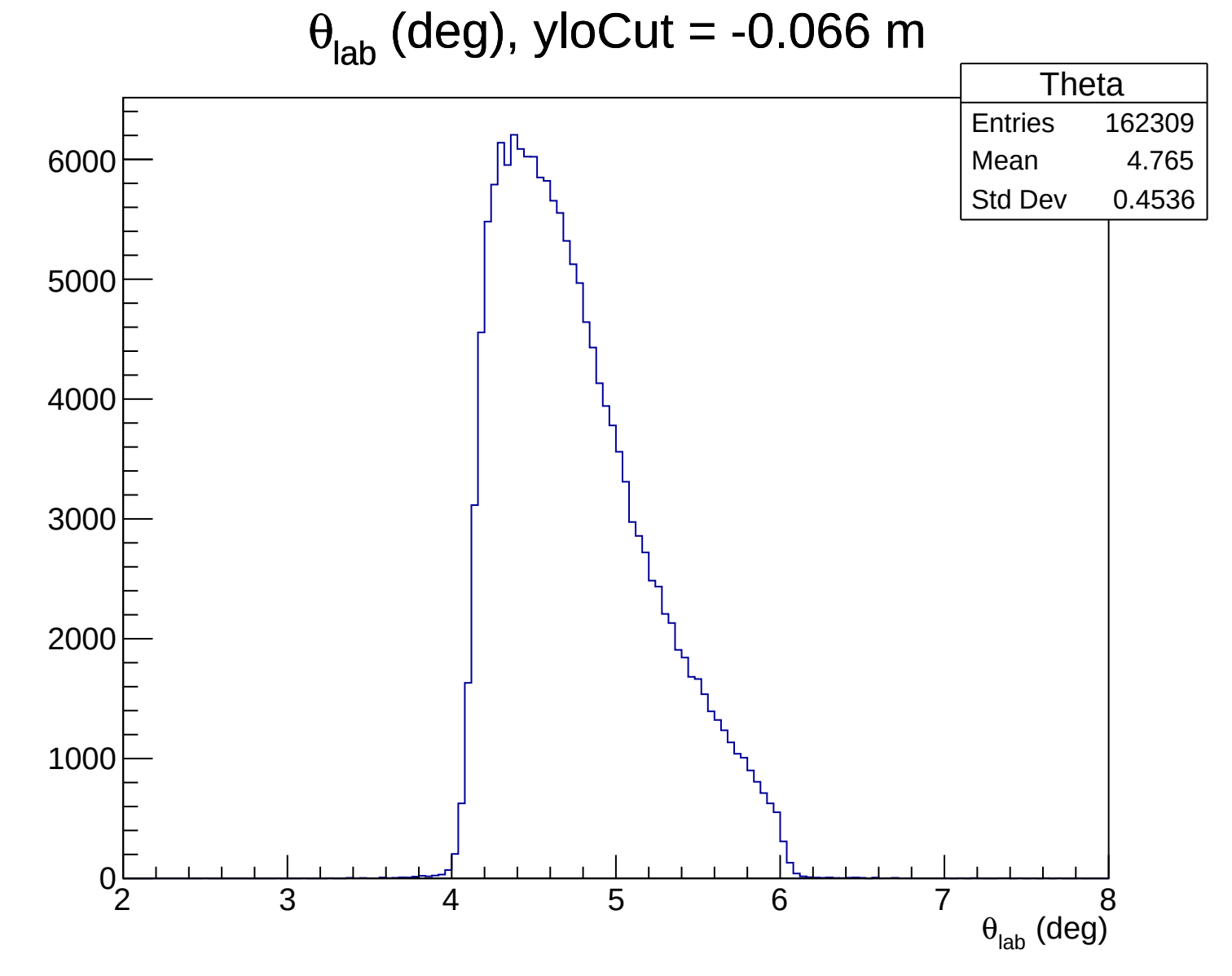

Sensitivity, yloCut = -0.064 m
sens
Entries 162299
Mean 0.02205
Std Dev 0.003918
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

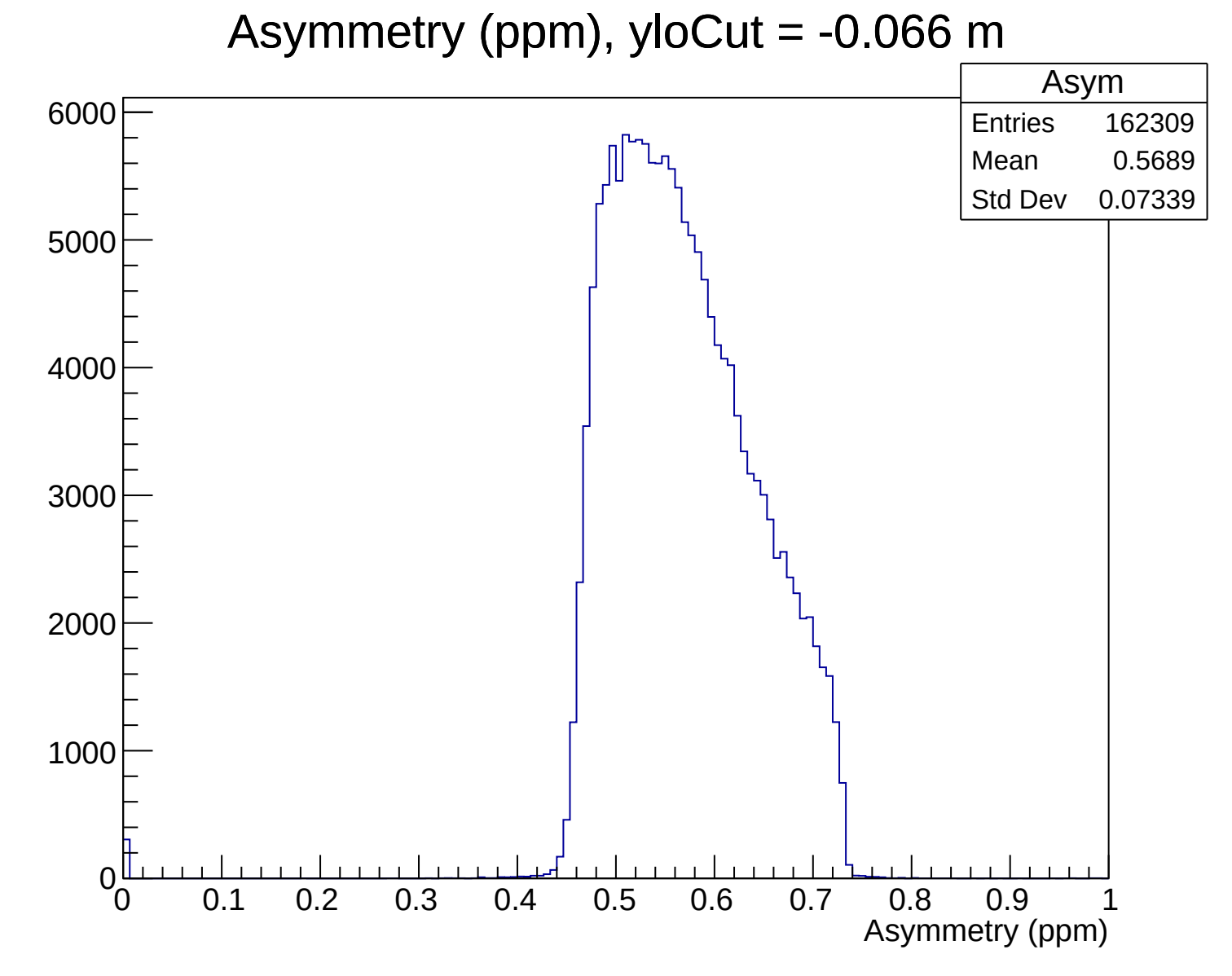

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

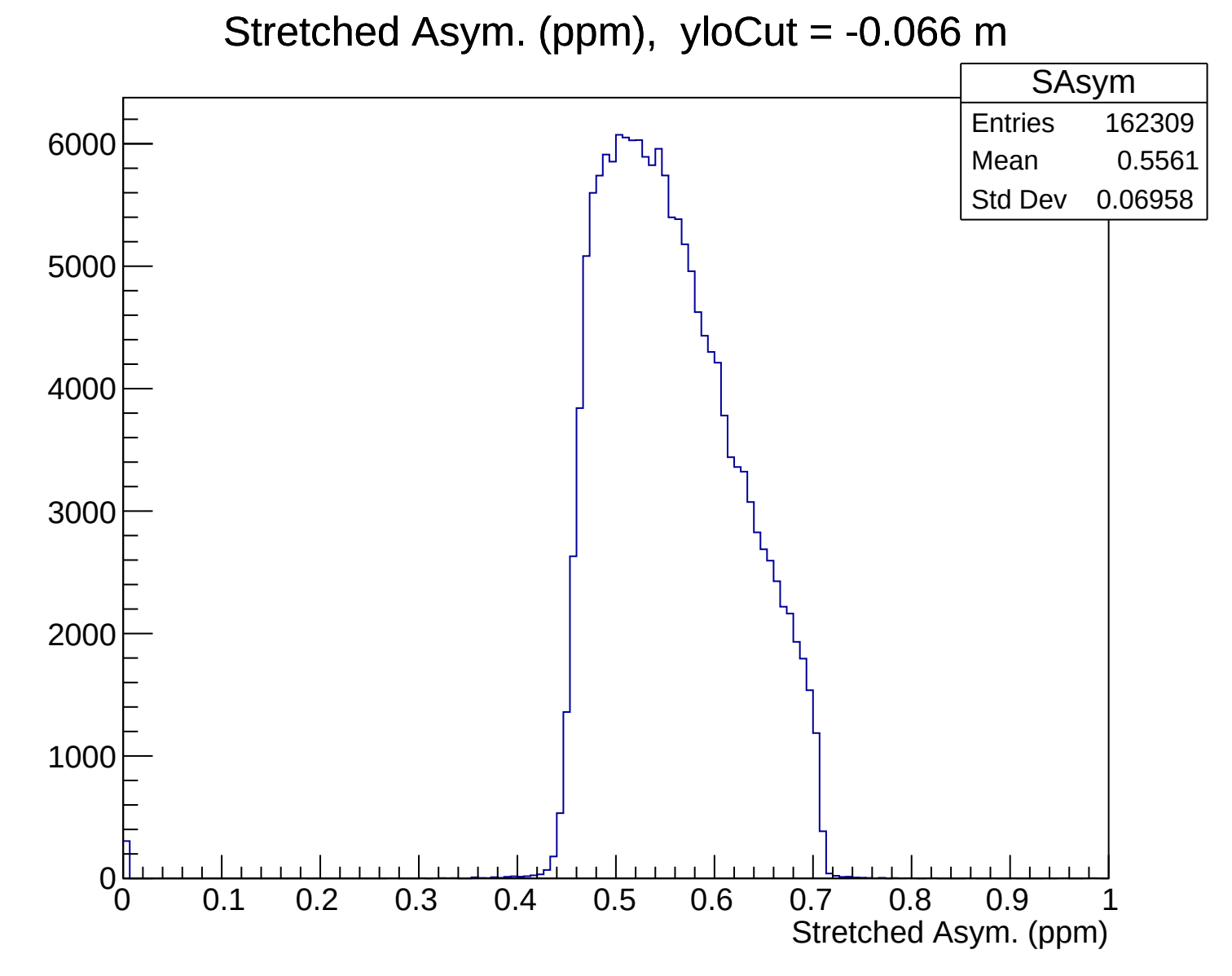

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.066
L.tr.y[0]+1.3*L.tr.ph[0] (m)

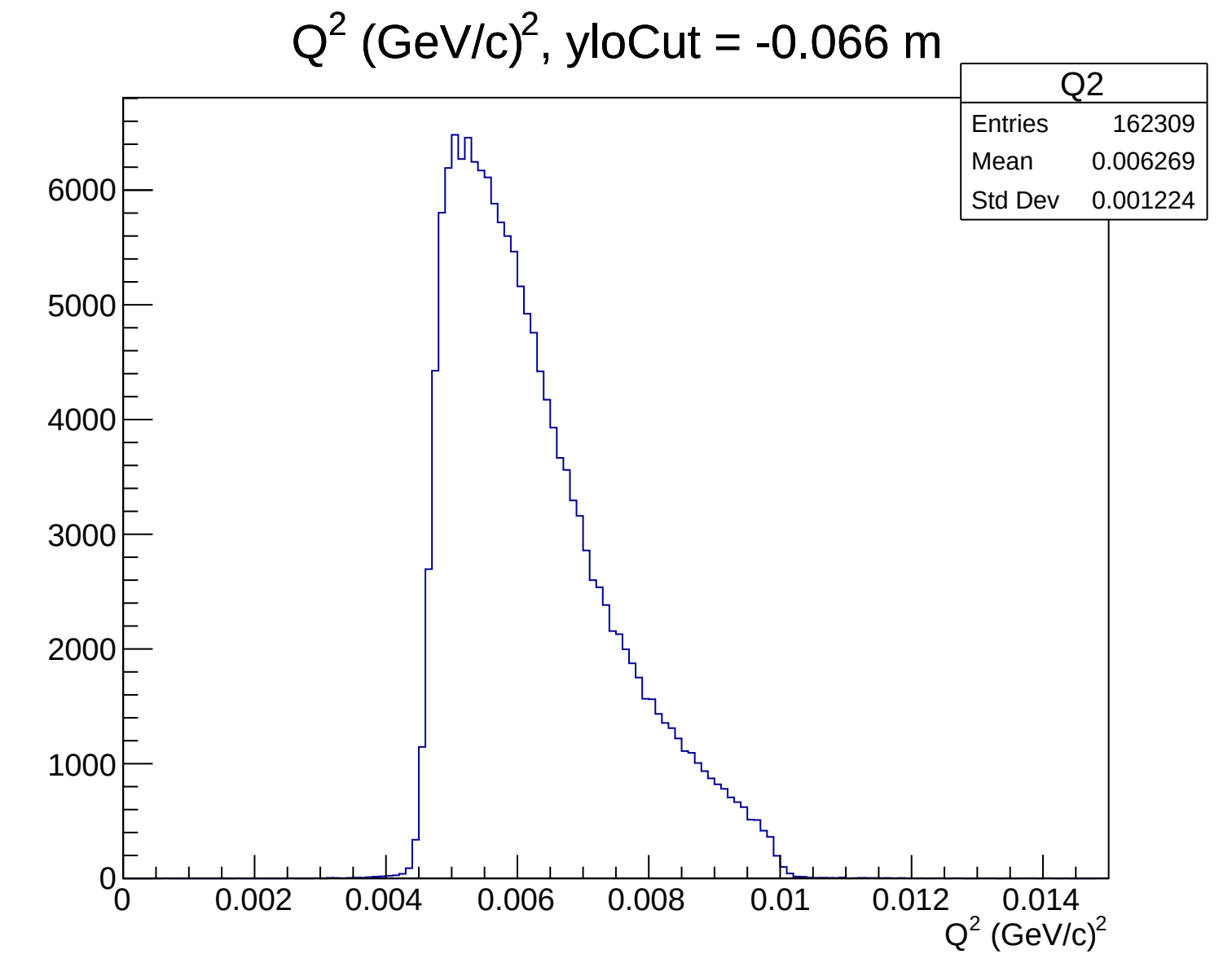

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

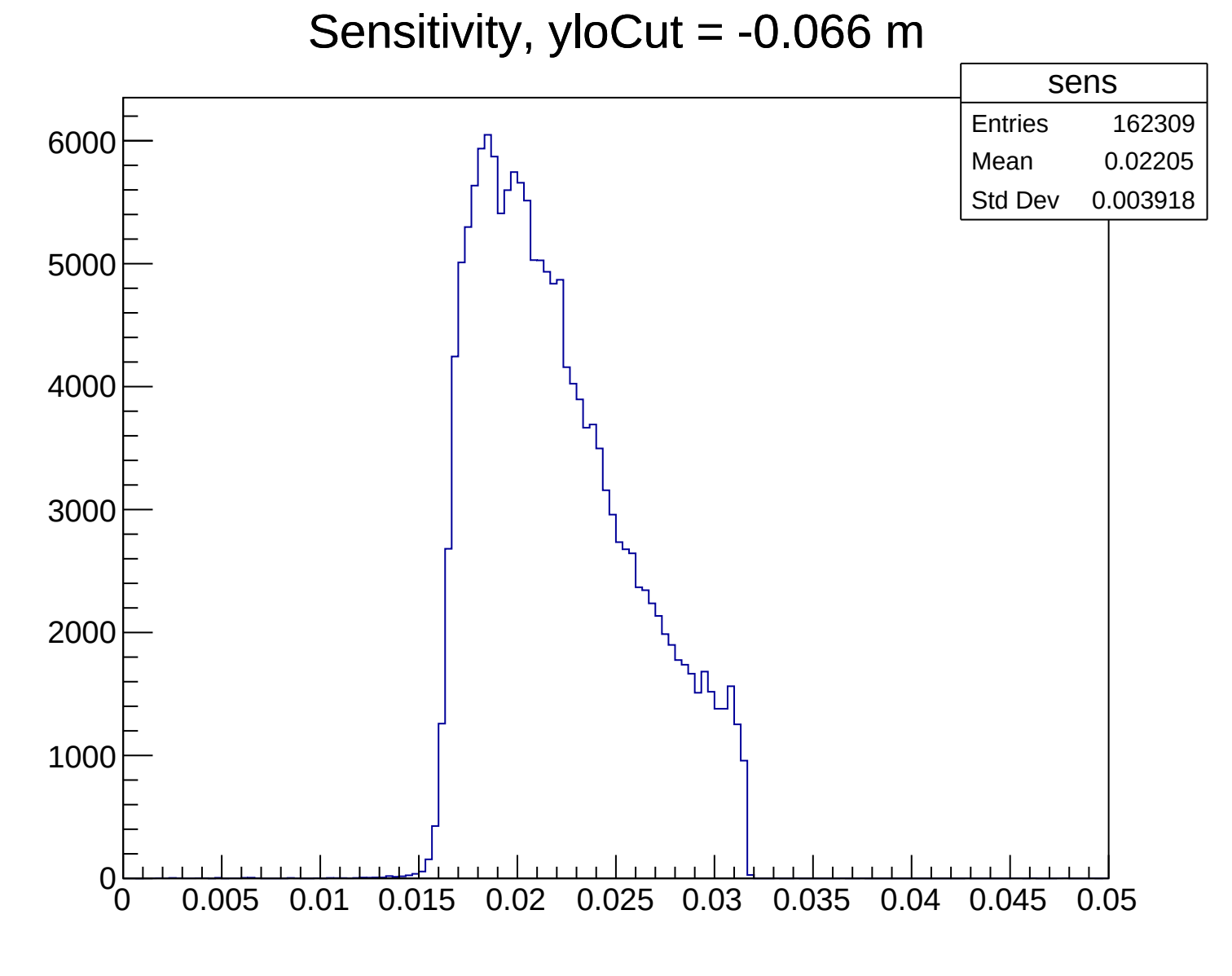

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

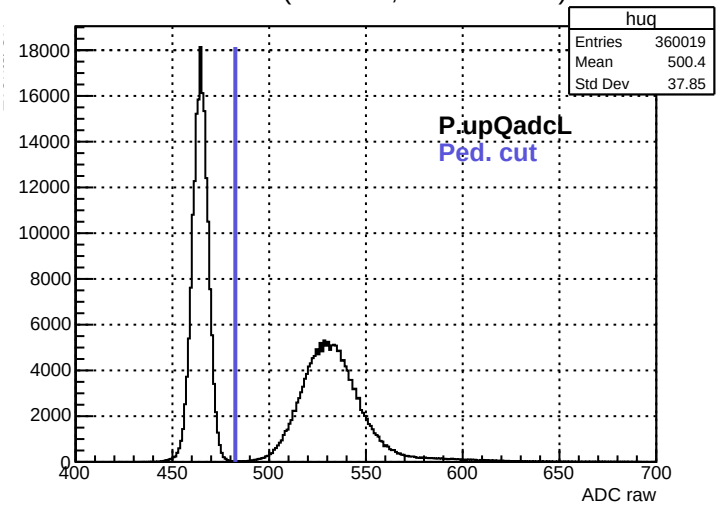

θlab (deg), yloCut = -0.066 m
Theta
Entries 162309
Mean 4.765
Std Dev 0.4536
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

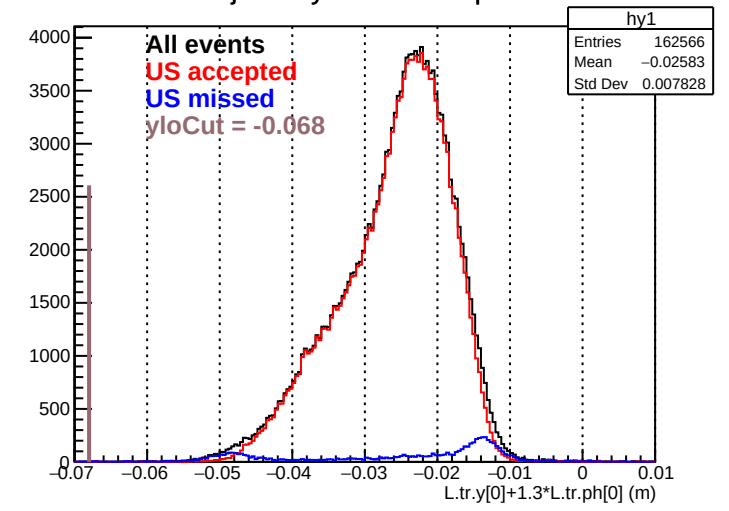

Asymmetry (ppm), yloCut = -0.066 m
Asym
Entries 162309
Mean 0.5689
Std Dev 0.07339
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

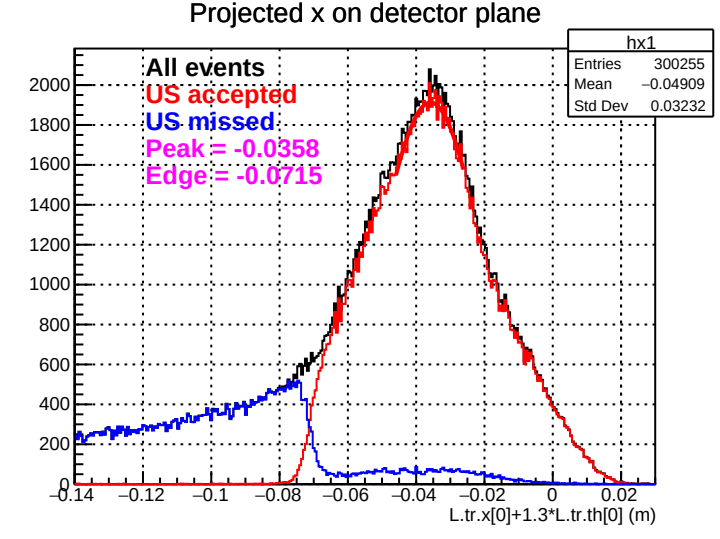

Stretched Asym. (ppm), yloCut = -0.066 m
SAsym
Entries 162309
Mean 0.5561
Std Dev 0.06958
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

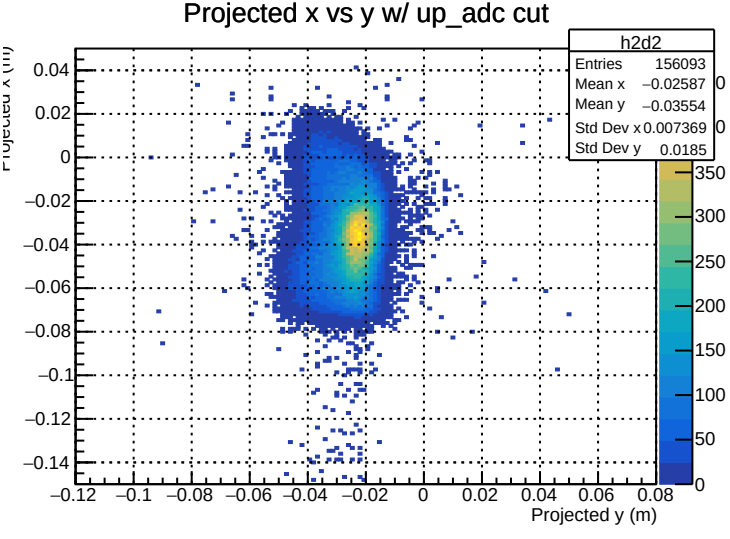

Q^2 (GeV/c)^2, yloCut = -0.066 m
Q2
Entries 162309
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

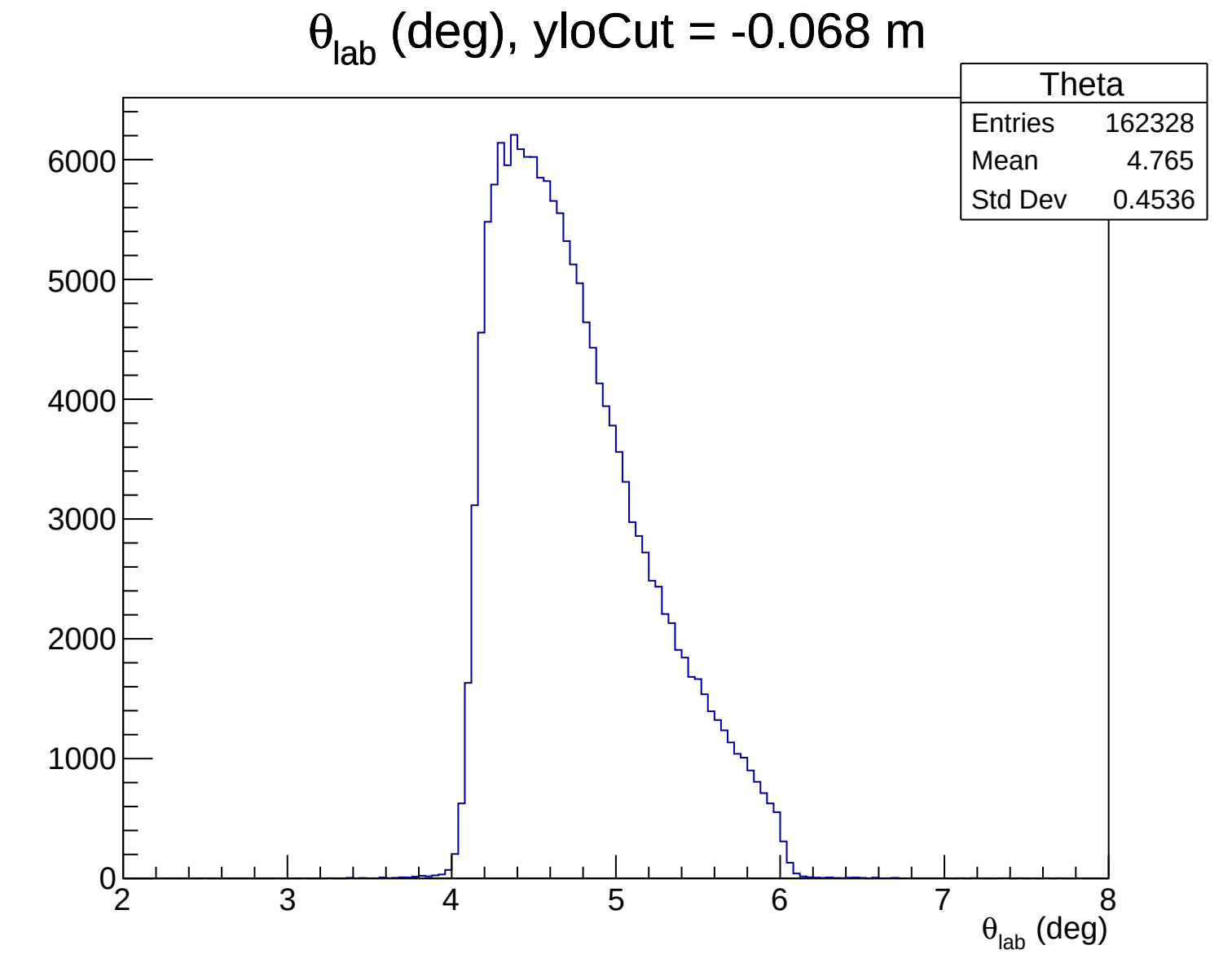

Sensitivity, yloCut = -0.066 m
sens
Entries 162309
Mean 0.02205
Std Dev 0.003918
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

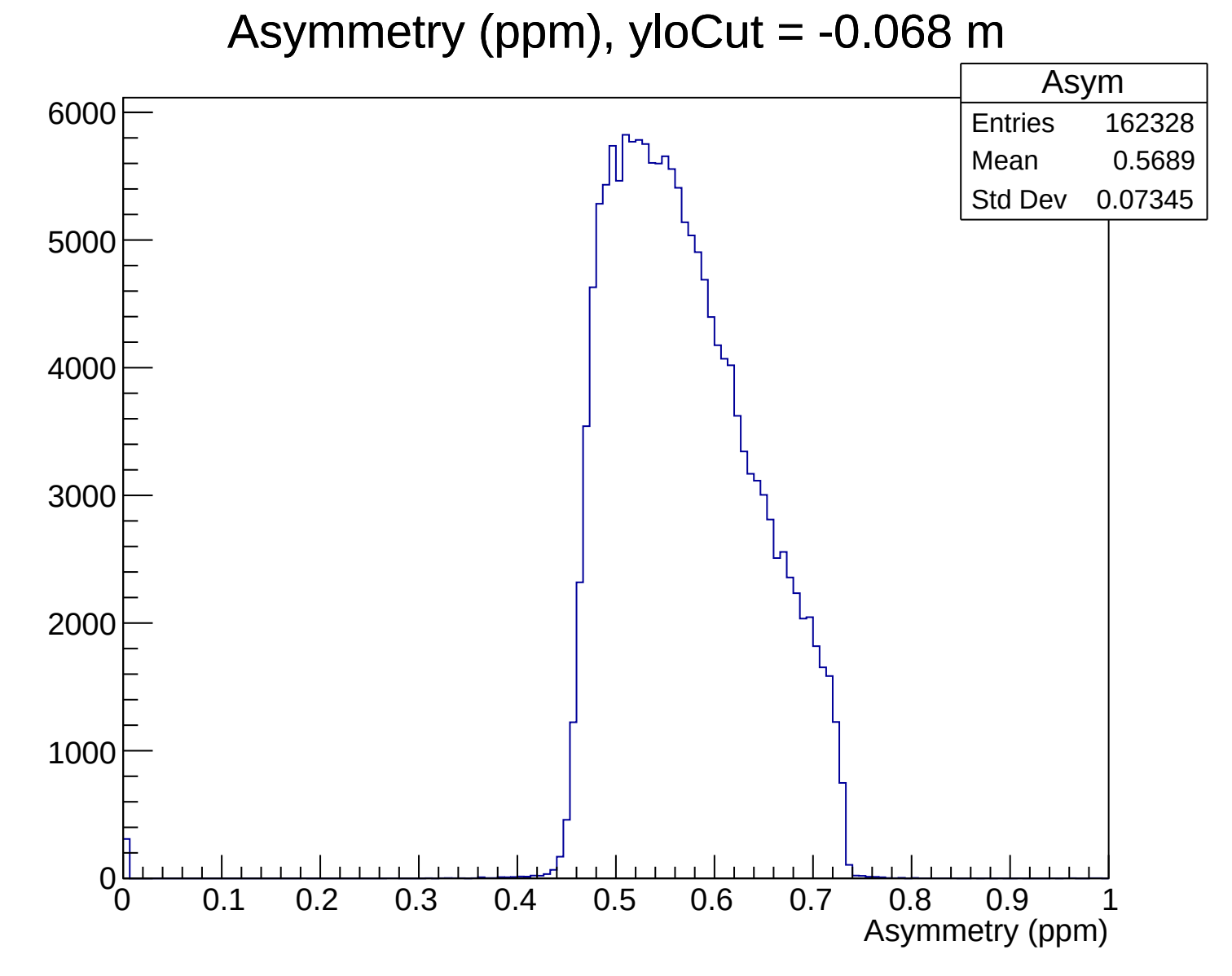

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

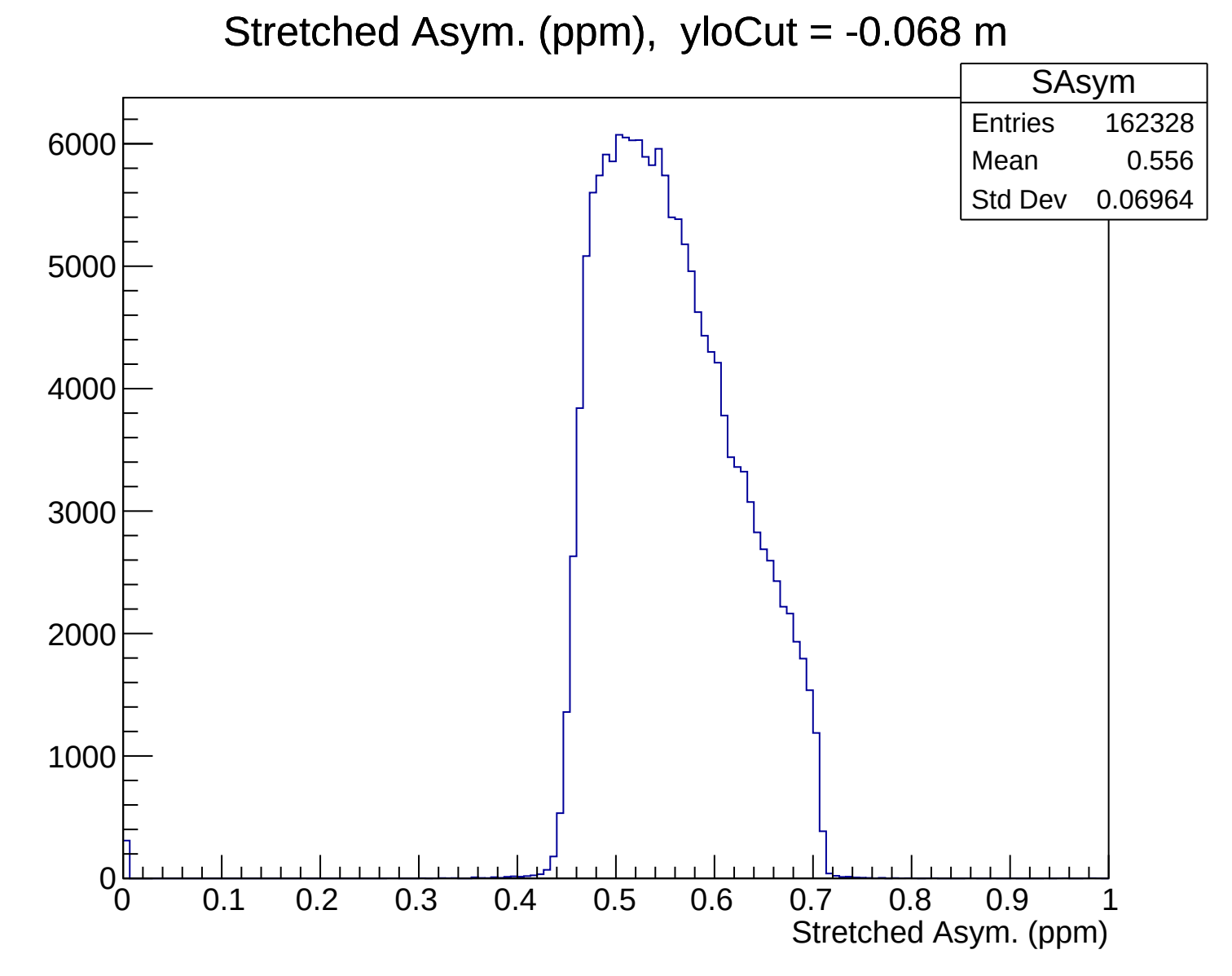

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.068
L.tr.y[0]+1.3*L.tr.ph[0] (m)

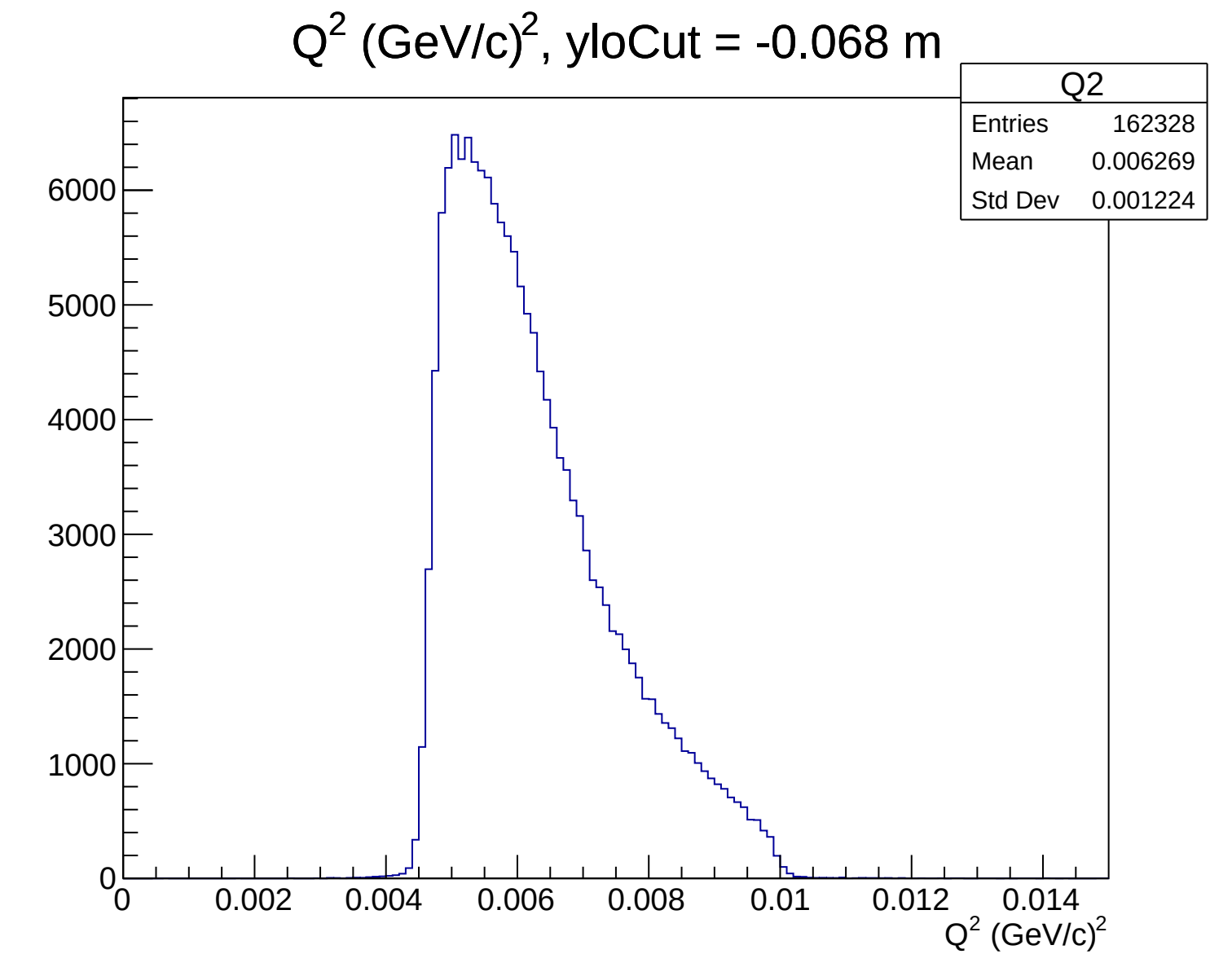

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

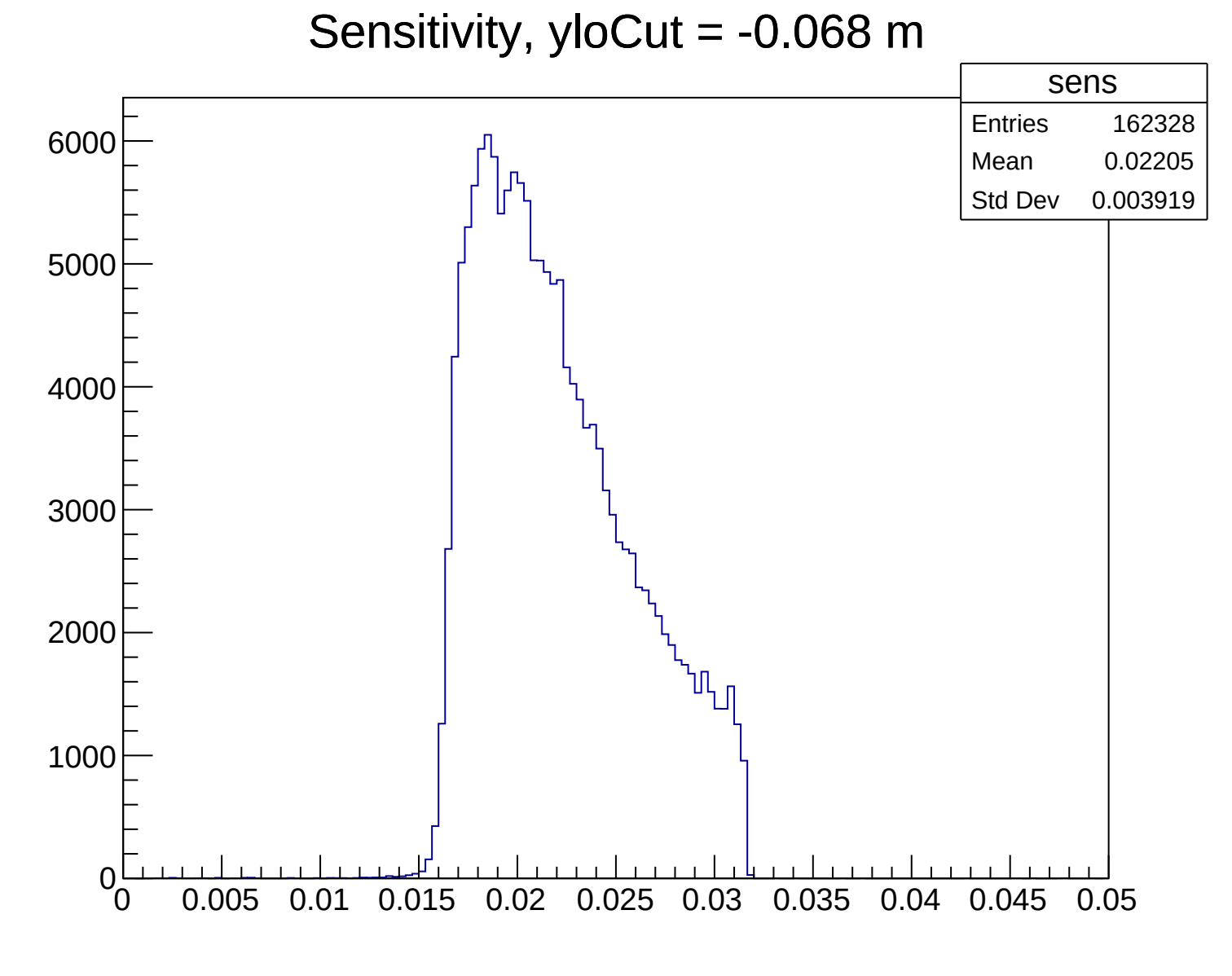

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)

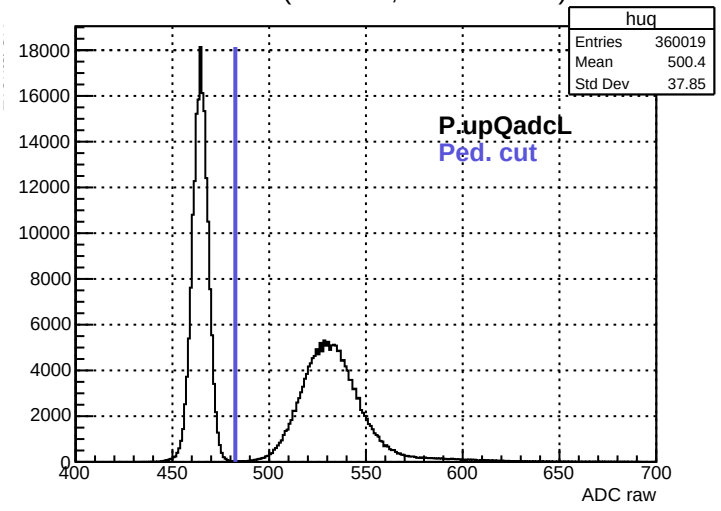

θlab (deg), yloCut = -0.068 m
Theta
Entries 162328
Mean 4.765
Std Dev 0.4536
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

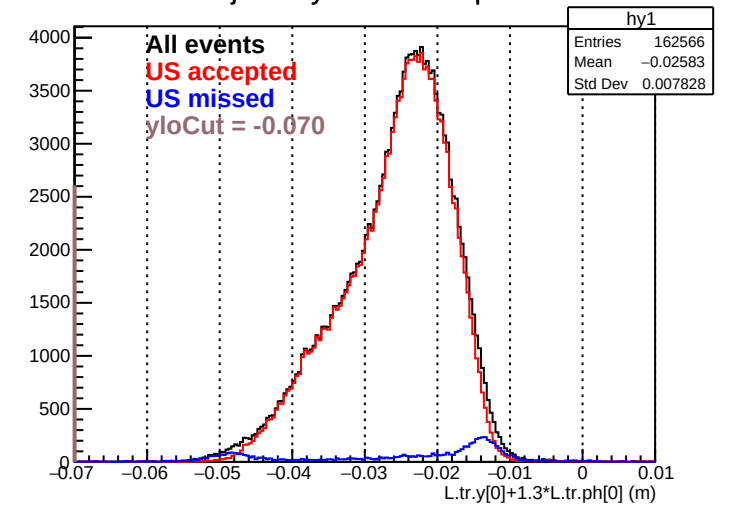

Asymmetry (ppm), yloCut = -0.068 m
Asym
Entries 162328
Mean 0.5689
Std Dev 0.07345
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

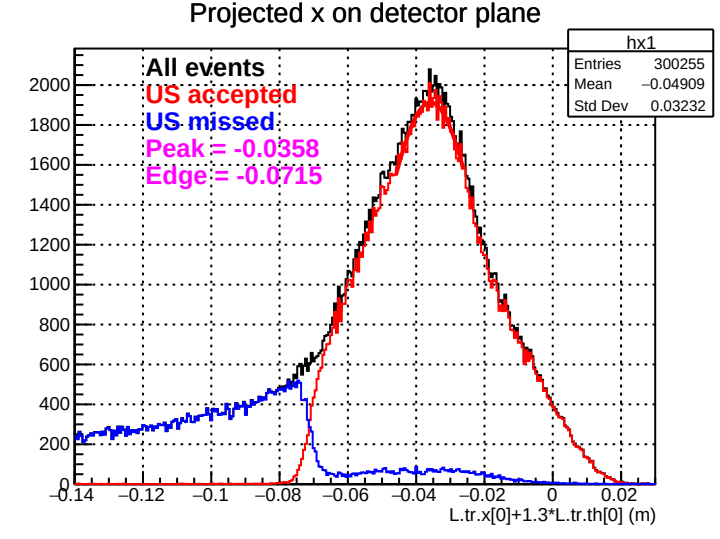

Stretched Asym. (ppm), yloCut = -0.068 m
SAsym
Entries 162328
Mean 0.556
Std Dev 0.06964
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

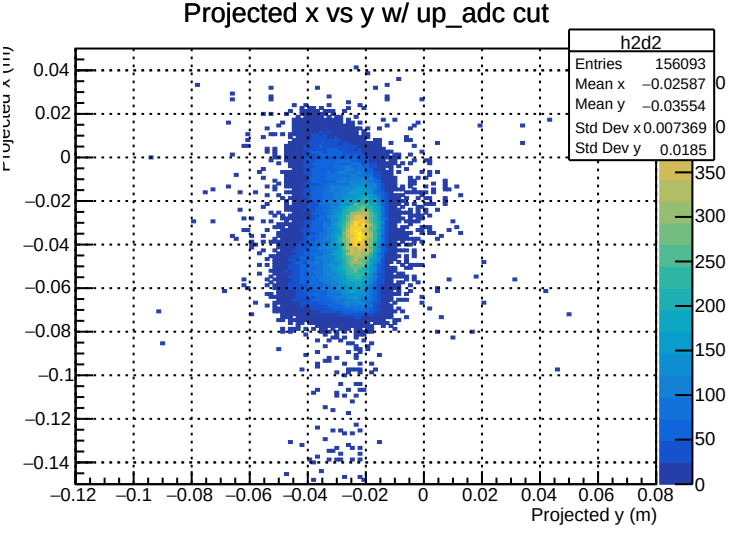

Q^2 (GeV/c)^2, yloCut = -0.068 m
Q2
Entries 162328
Mean 0.006269
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

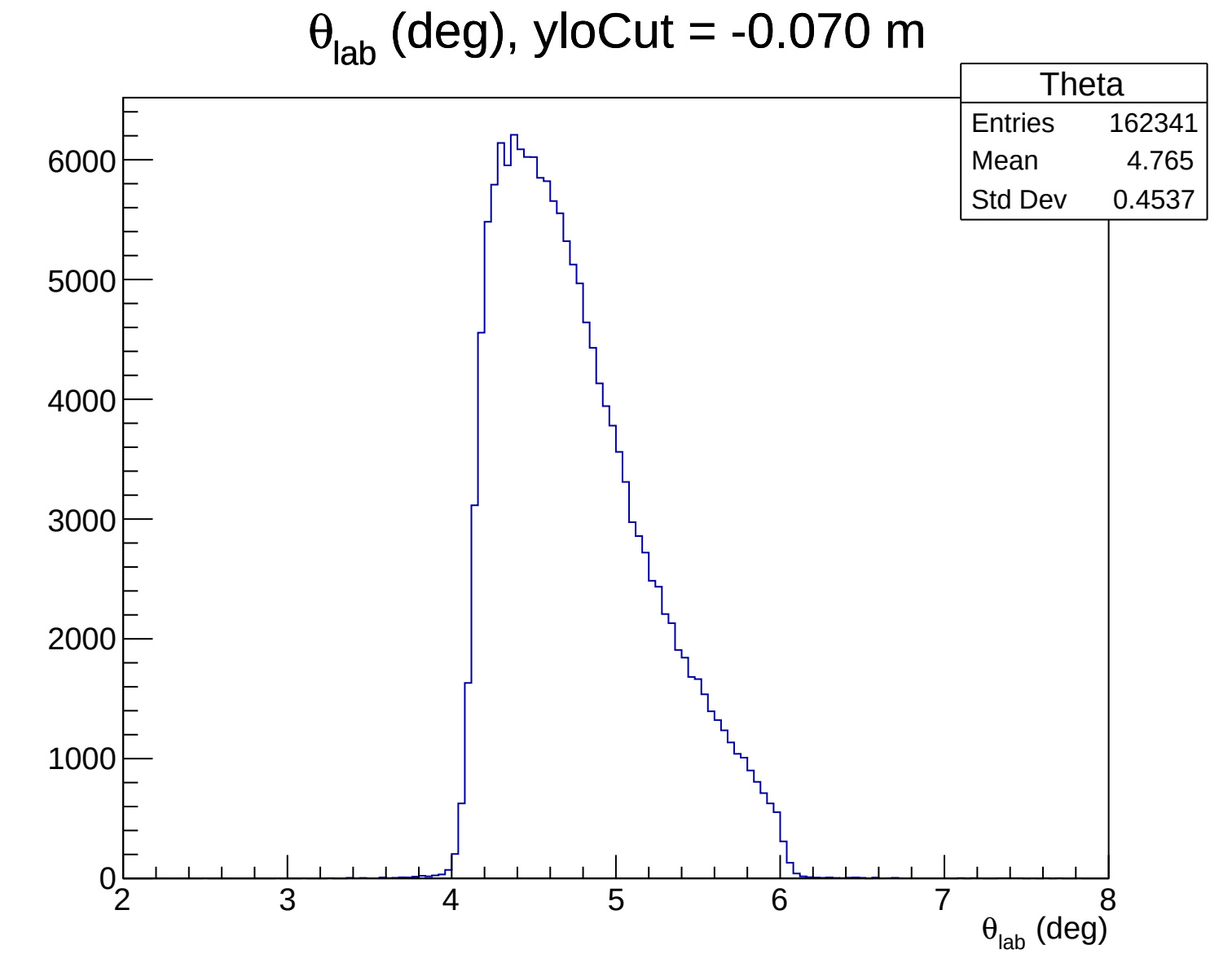

Sensitivity, yloCut = -0.068 m
sens
Entries 162328
Mean 0.02205
Std Dev 0.003919
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

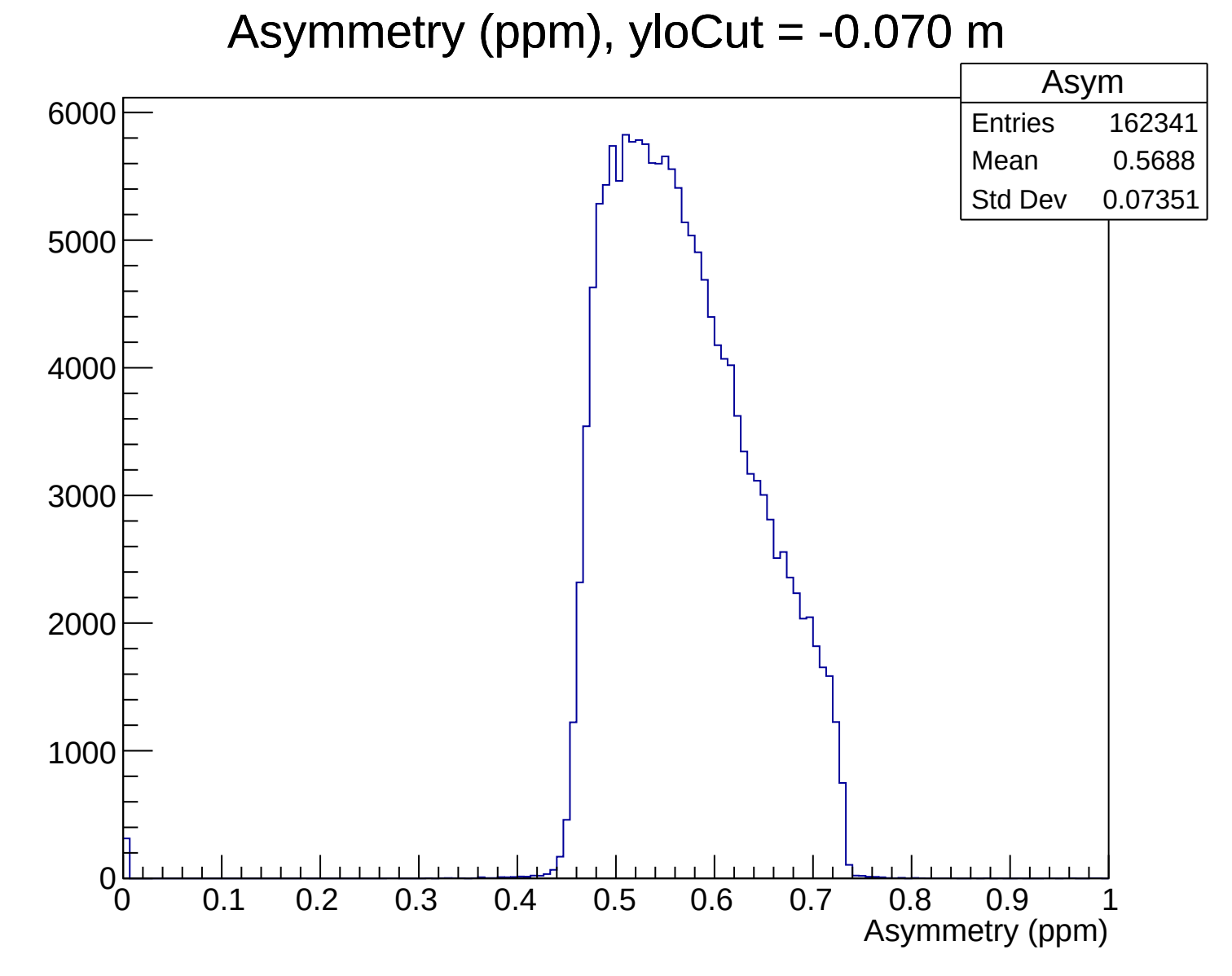

ADC raw (run2055, detZ = 1.3 m)
huq
Entries 360019
Mean 500.4
Std Dev 37.85
P.upQadcL
Ped. cut
ADC raw

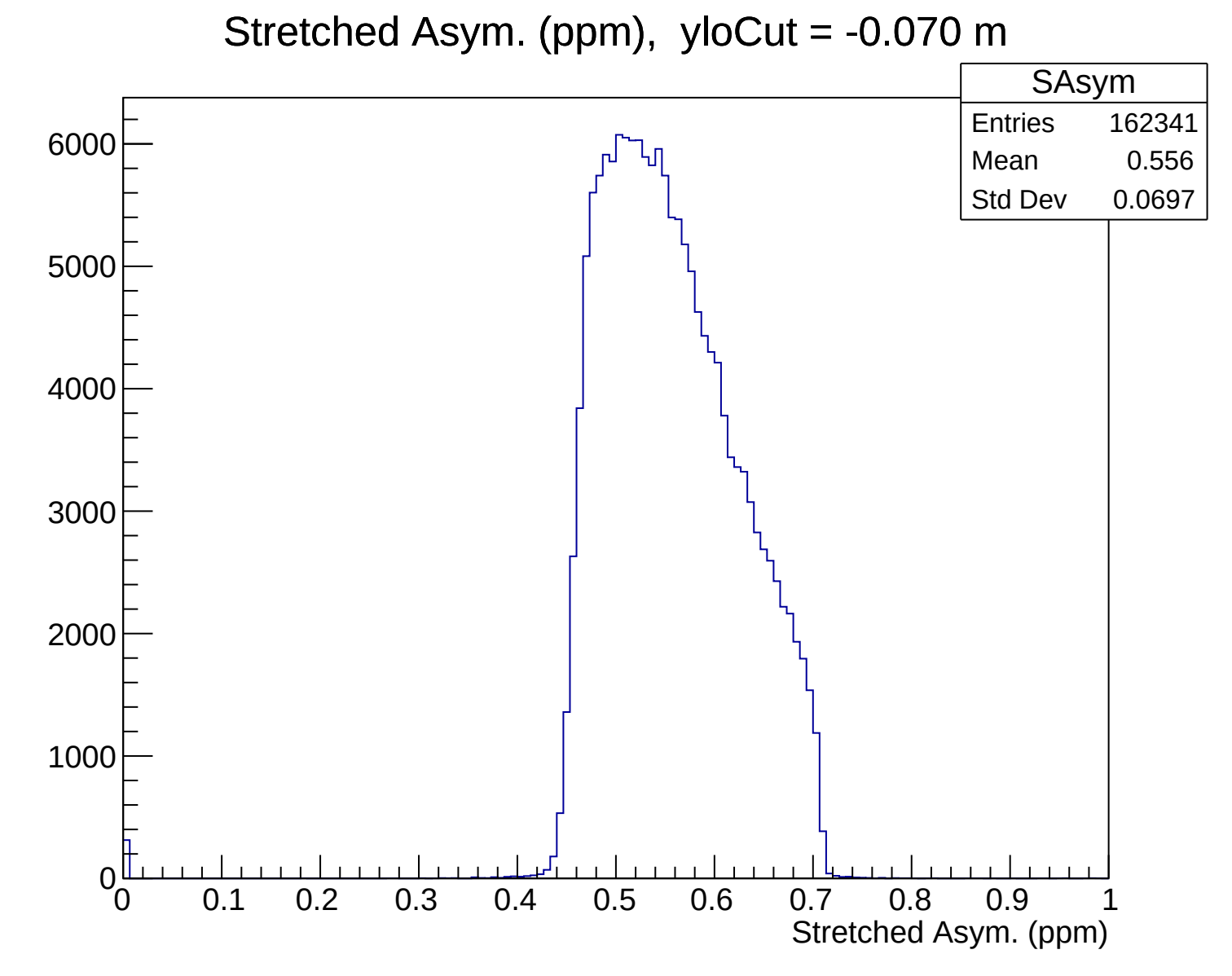

Projected y on detector plane
hy1
Entries 162566
Mean −0.02583
Std Dev 0.007828
All events
US accepted
US missed
yloCut = -0.070
L.tr.y[0]+1.3*L.tr.ph[0] (m)

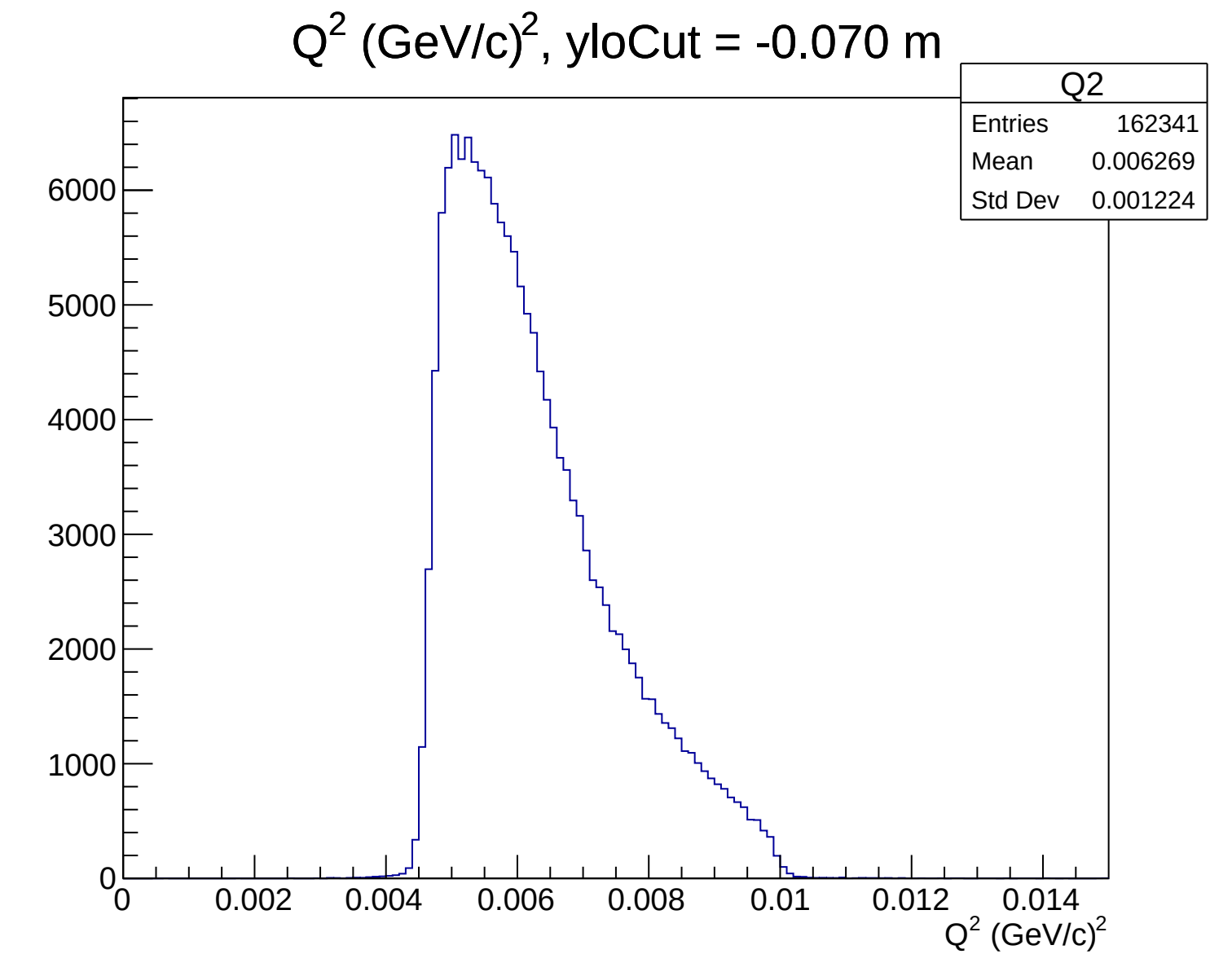

Projected x on detector plane
hx1
Entries 300255
Mean −0.04909
Std Dev 0.03232
All events
US accepted
US missed
Peak = -0.0358
Edge = -0.0715
L.tr.x[0]+1.3*L.tr.th[0] (m)

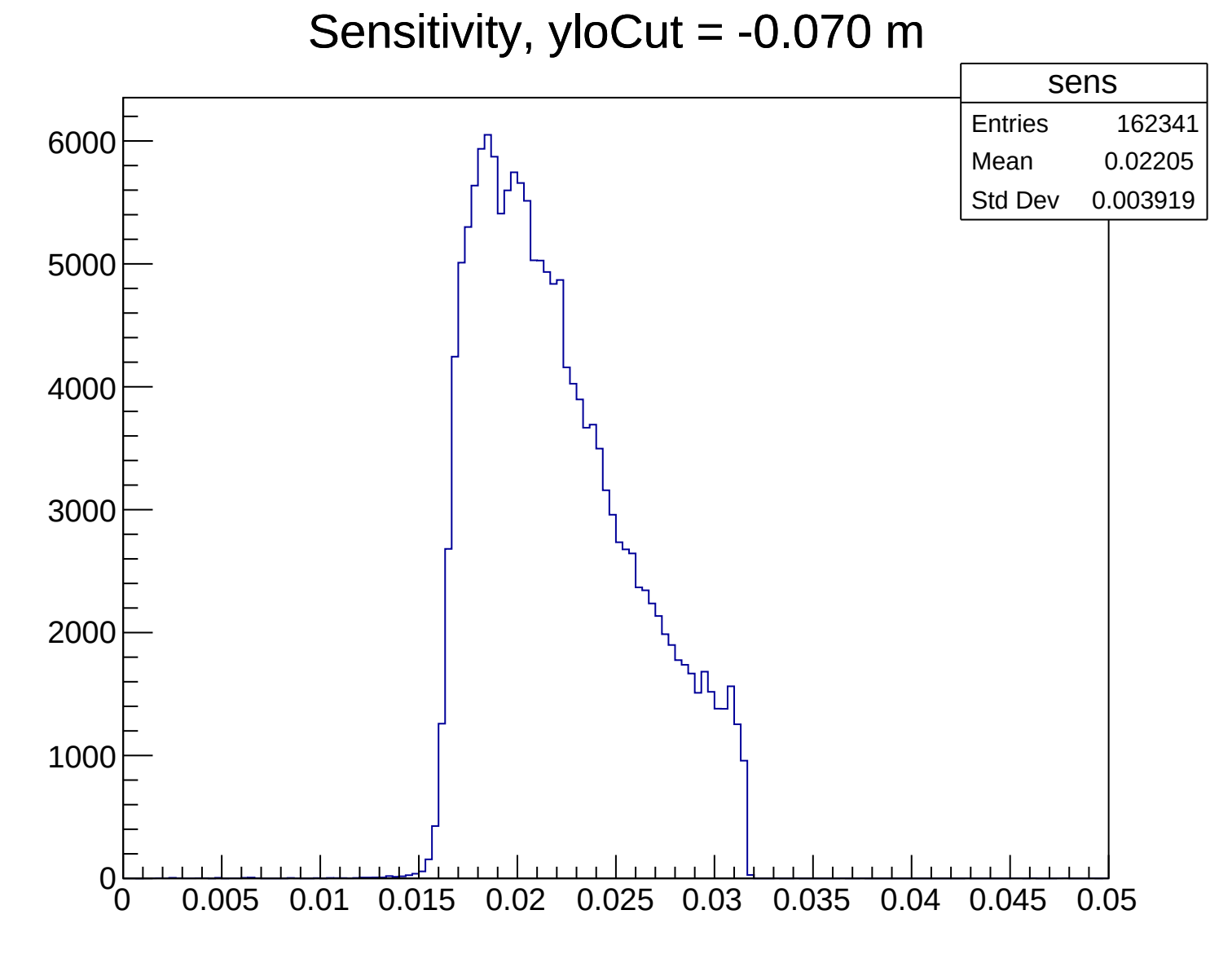

Projected x vs y w/ up_adc cut
h2d2
Entries 156093
Mean x −0.02587
Mean y −0.03554
Std Dev x 0.007369
Std Dev y 0.0185
Projected y (m)


θlab (deg), yloCut = -0.070 m
Theta
Entries 162341
Mean 4.765
Std Dev 0.4537
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)


Asymmetry (ppm), yloCut = -0.070 m
Asym
Entries 162341
Mean 0.5688
Std Dev 0.07351
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), yloCut = -0.070 m
SAsym
Entries 162341
Mean 0.556
Std Dev 0.0697
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, yloCut = -0.070 m
Q2
Entries 162341
Mean 0.006269
Std Dev 0.001224
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, yloCut = -0.070 m
sens
Entries 162341
Mean 0.02205
Std Dev 0.003919
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