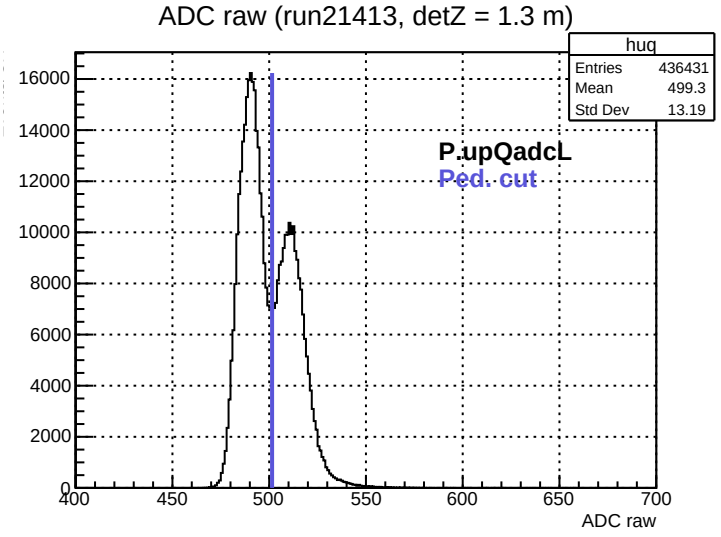
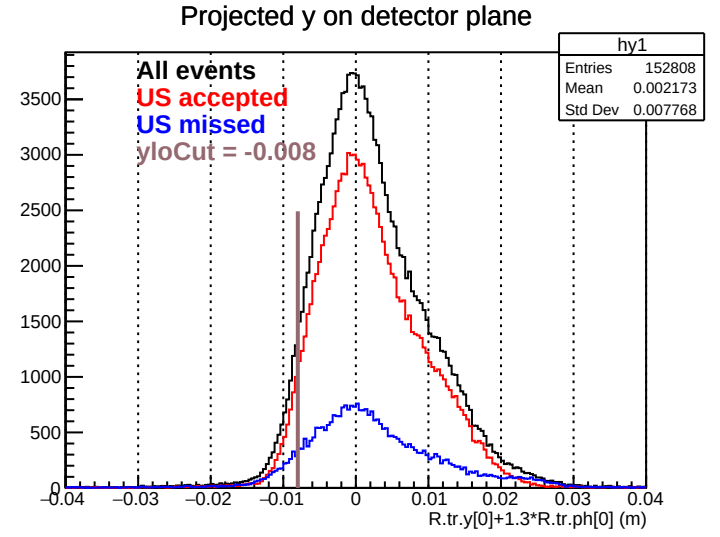
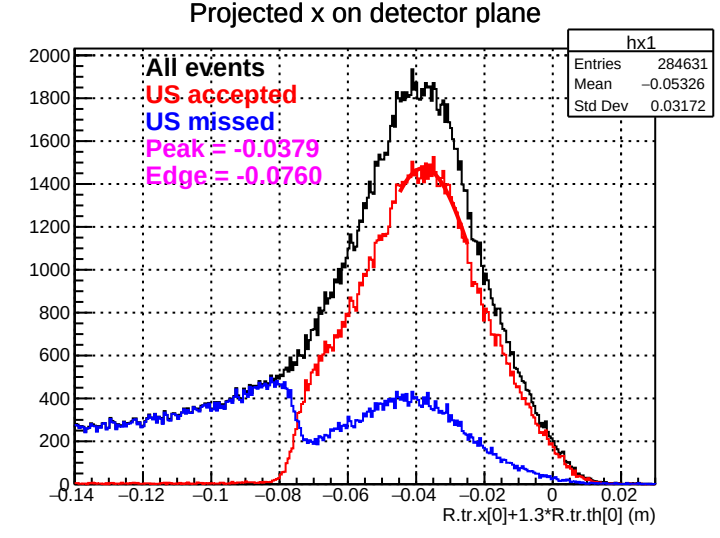
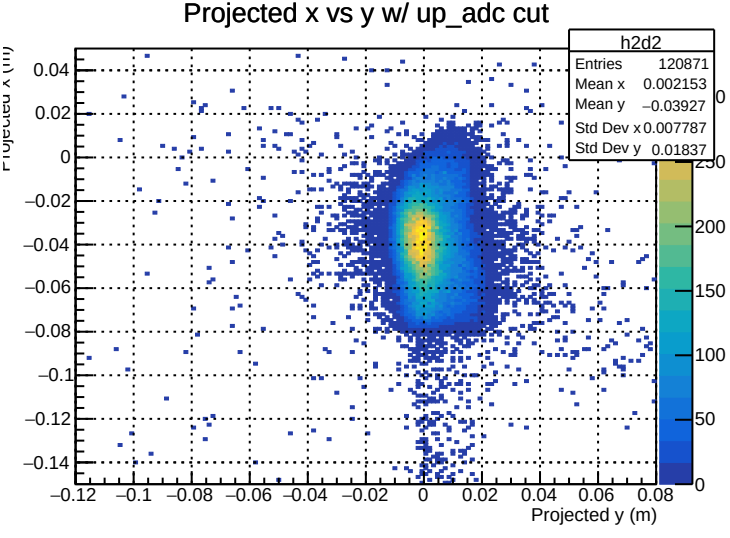
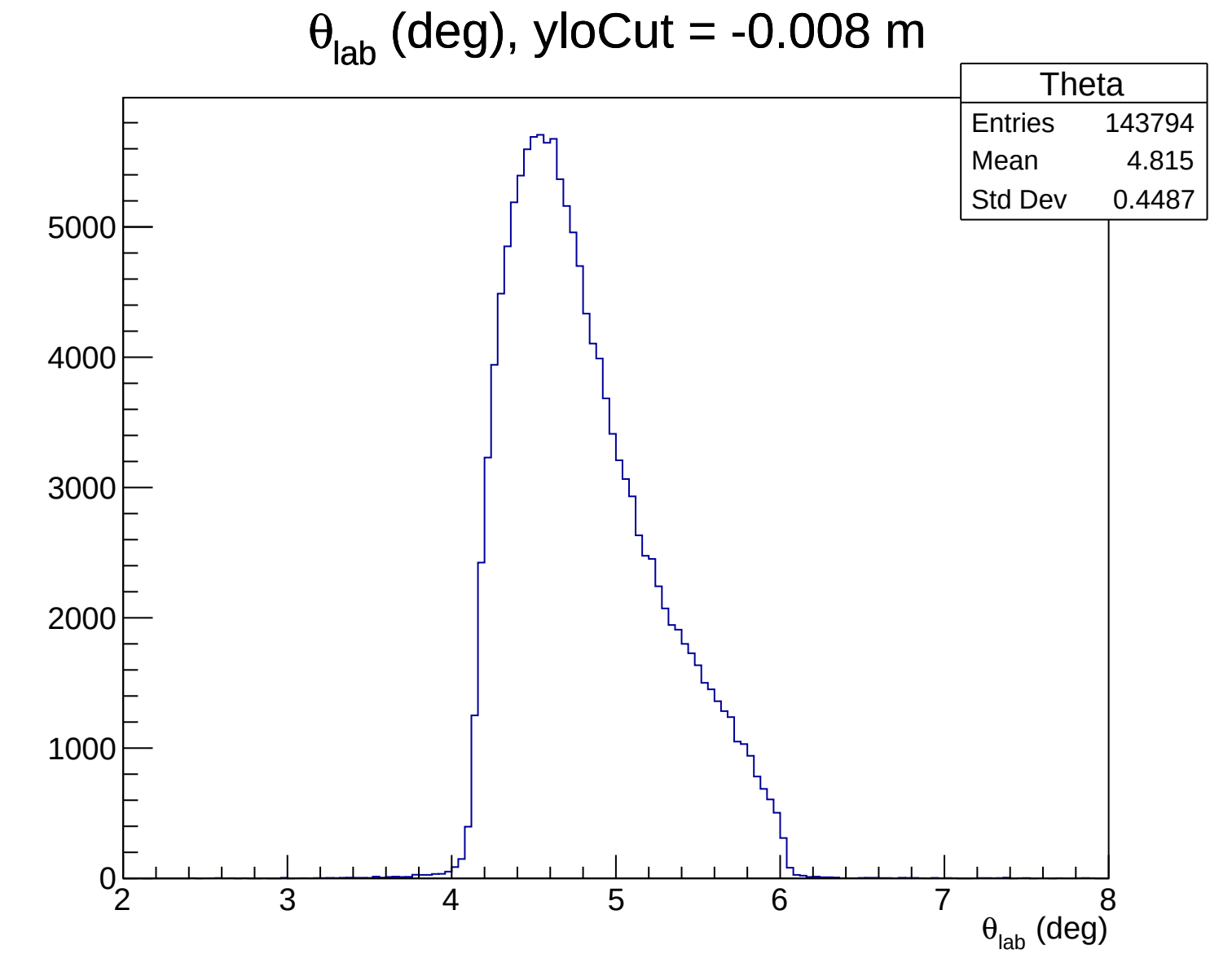
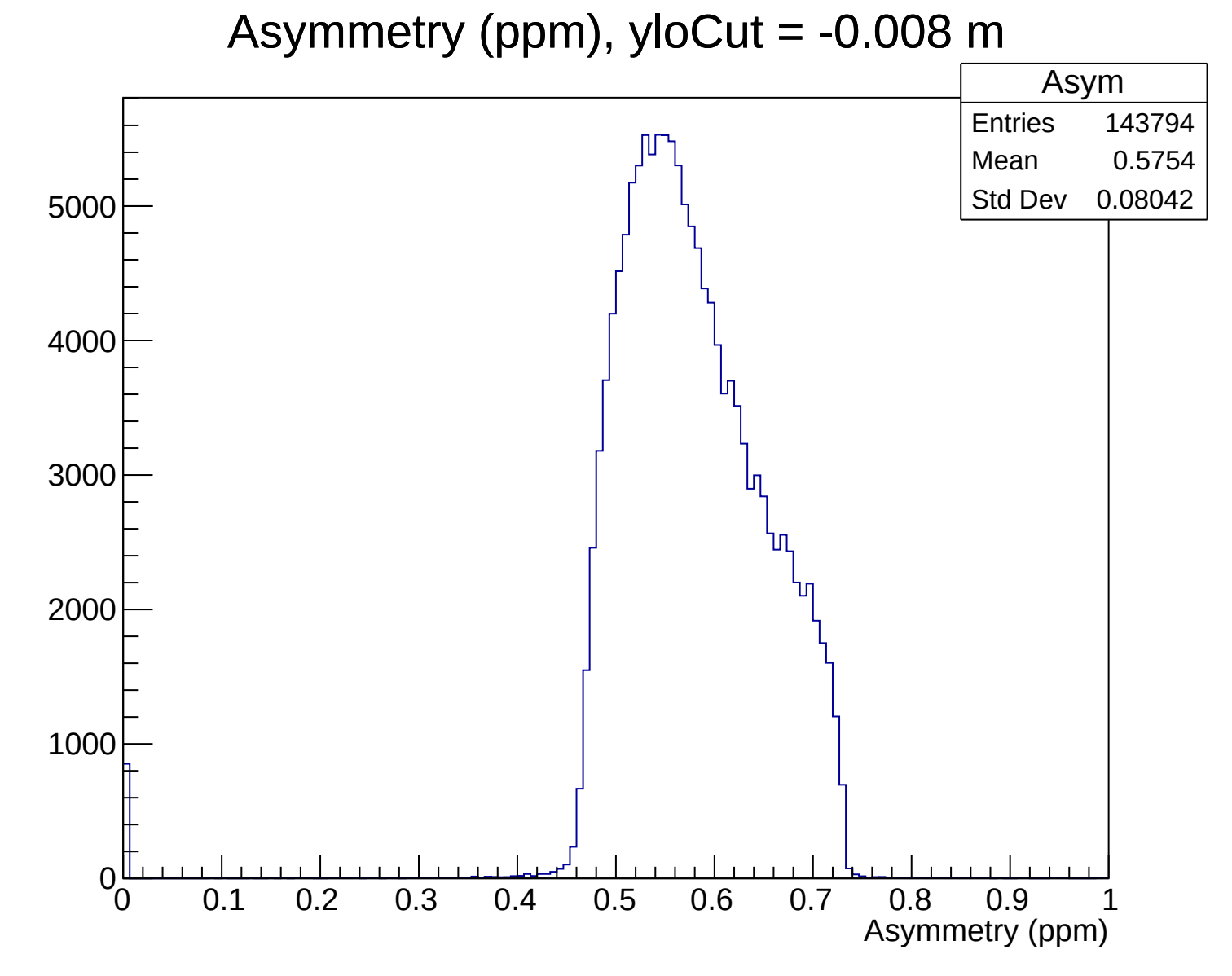

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

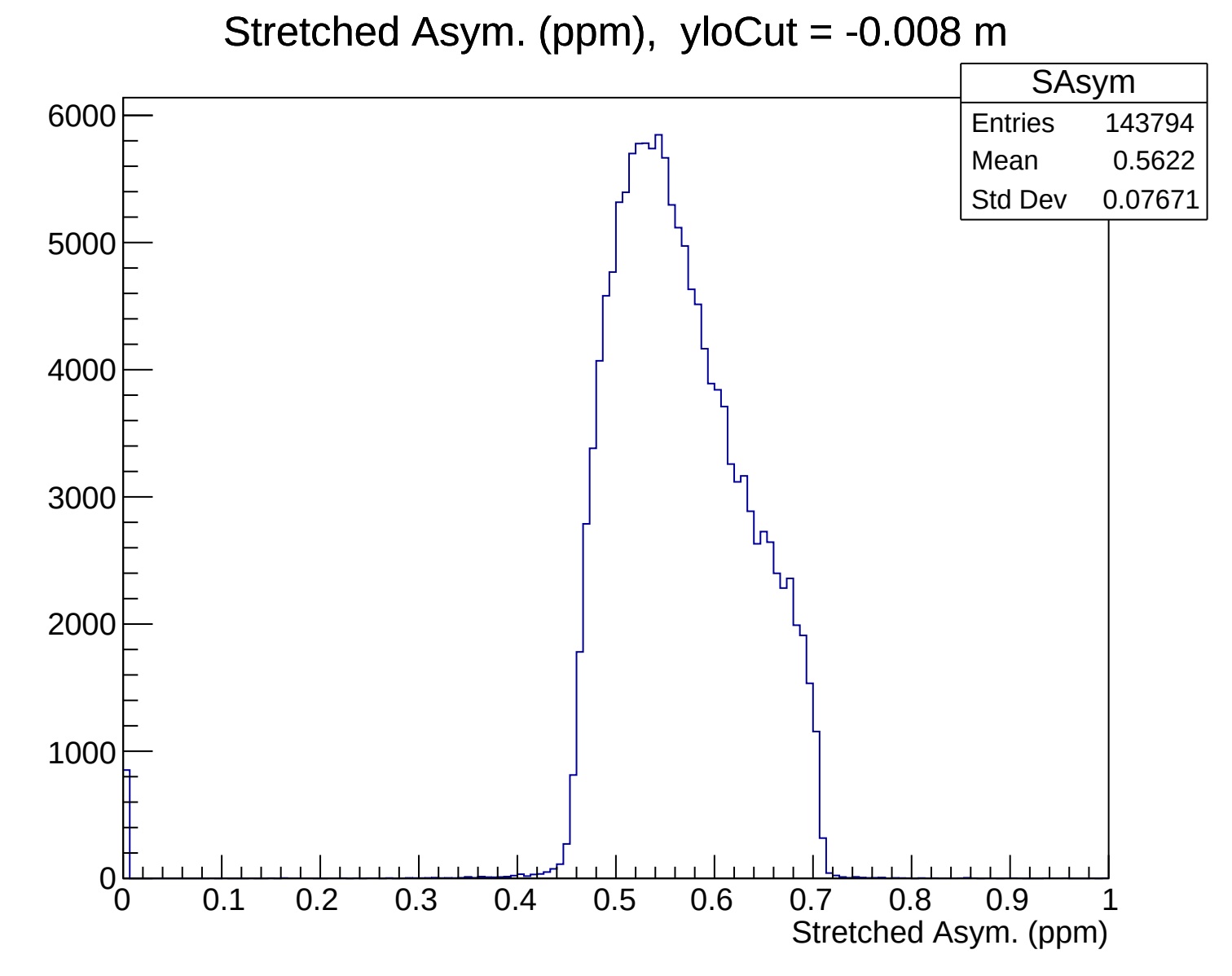

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.008
R.tr.y[0]+1.3*R.tr.ph[0] (m)

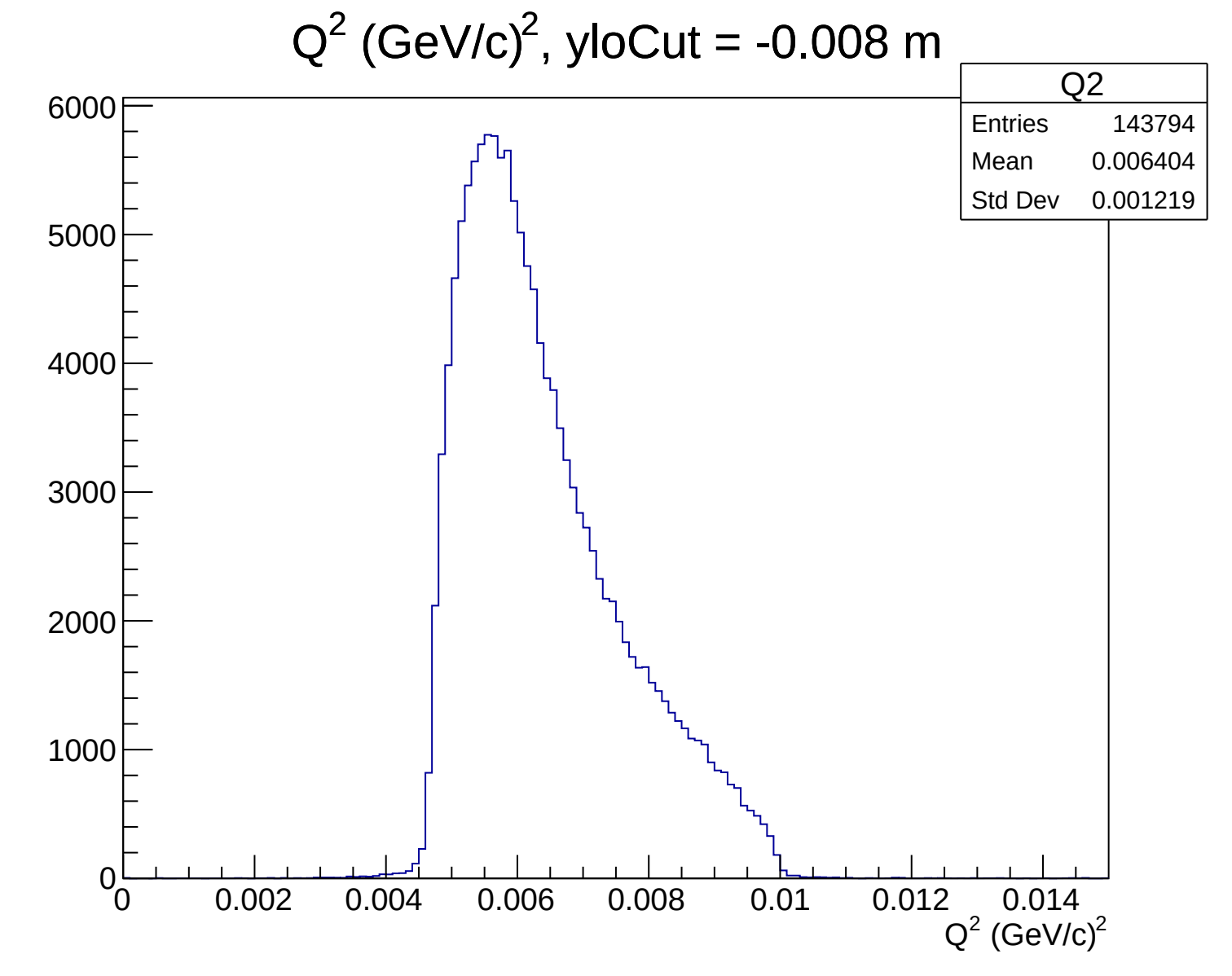

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

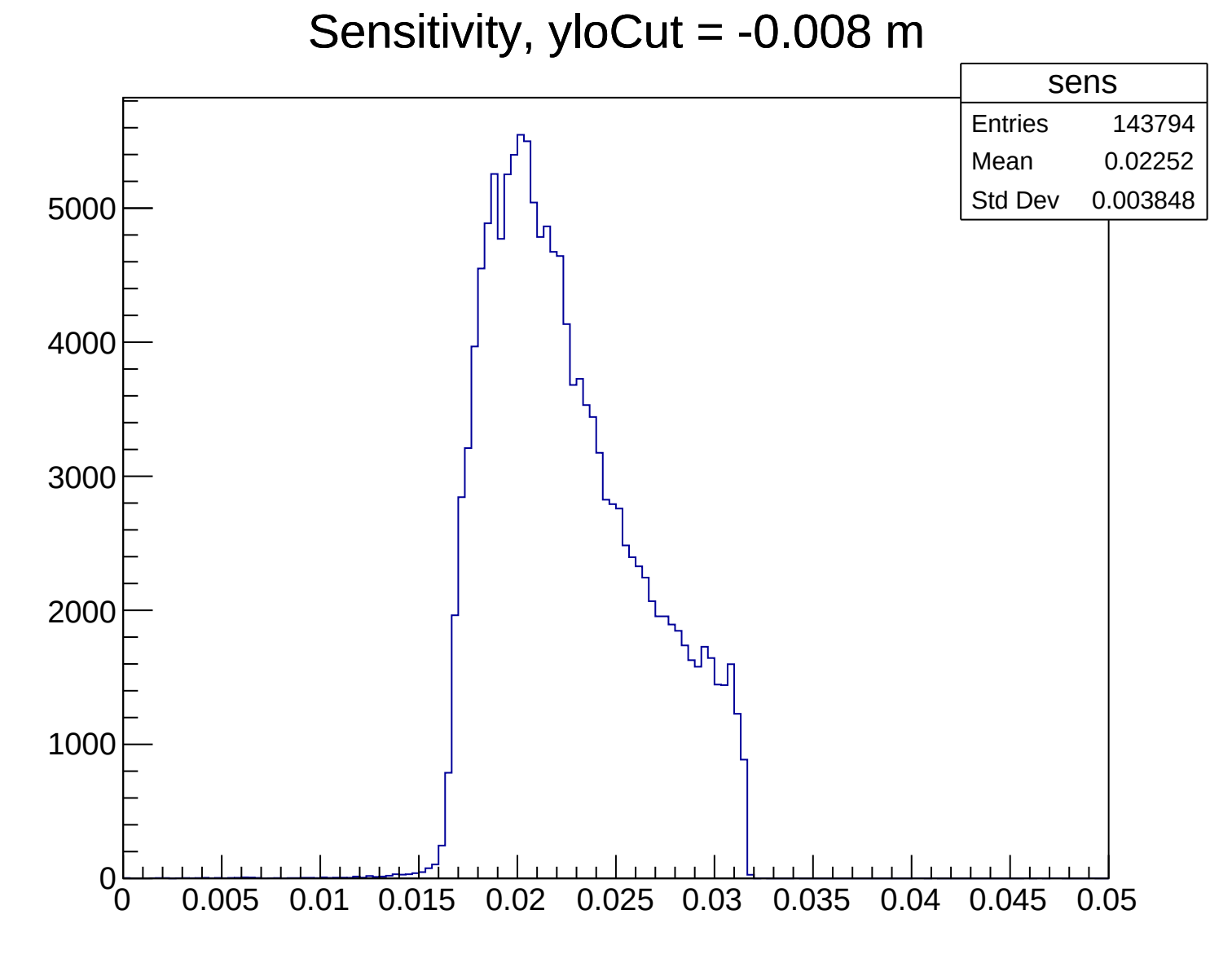

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

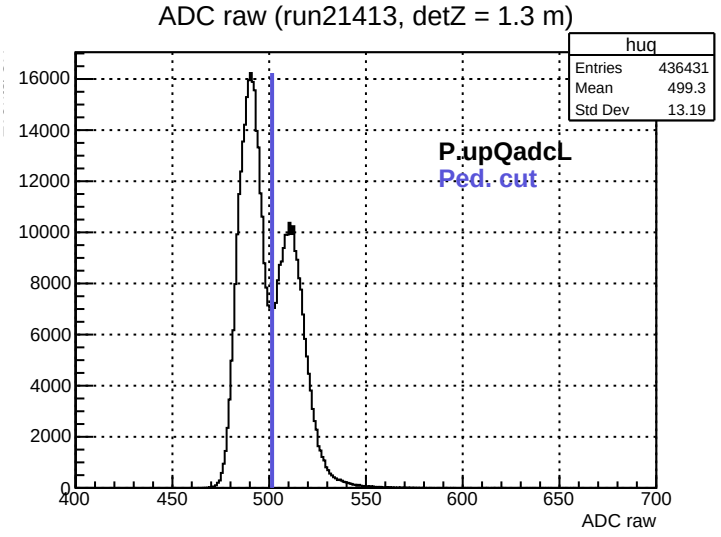

θlab (deg), yloCut = -0.008 m
Theta
Entries 143794
Mean 4.815
Std Dev 0.4487
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

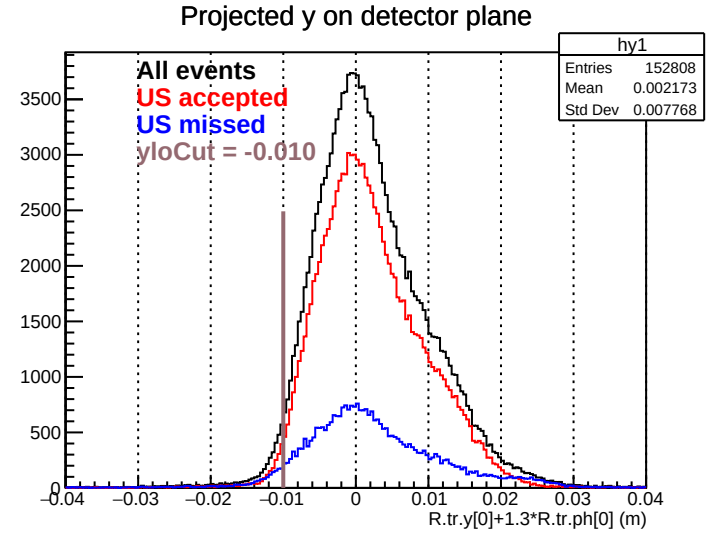

Asymmetry (ppm), yloCut = -0.008 m
Asym
Entries 143794
Mean 0.5754
Std Dev 0.08042
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

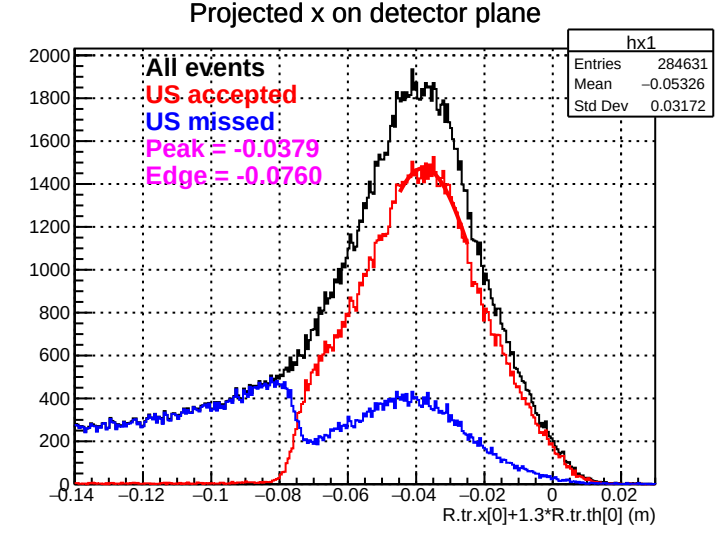

Stretched Asym. (ppm), yloCut = -0.008 m
SAsym
Entries 143794
Mean 0.5622
Std Dev 0.07671
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

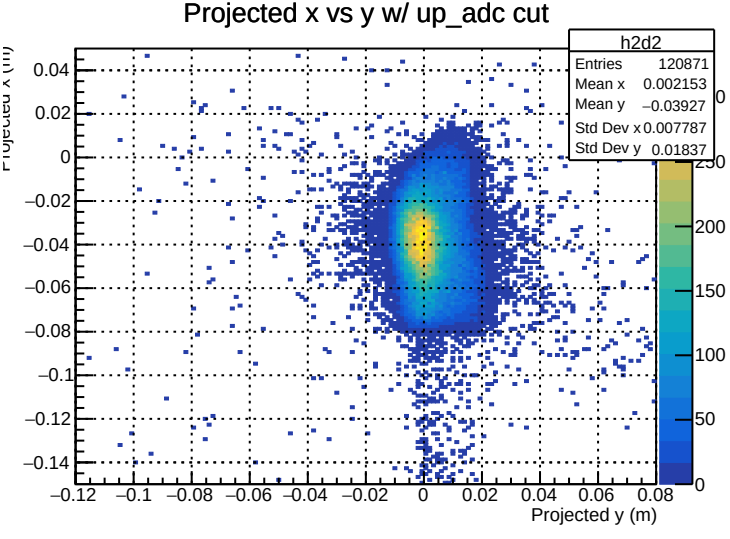

Q^2 (GeV/c)^2, yloCut = -0.008 m
Q2
Entries 143794
Mean 0.006404
Std Dev 0.001219
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

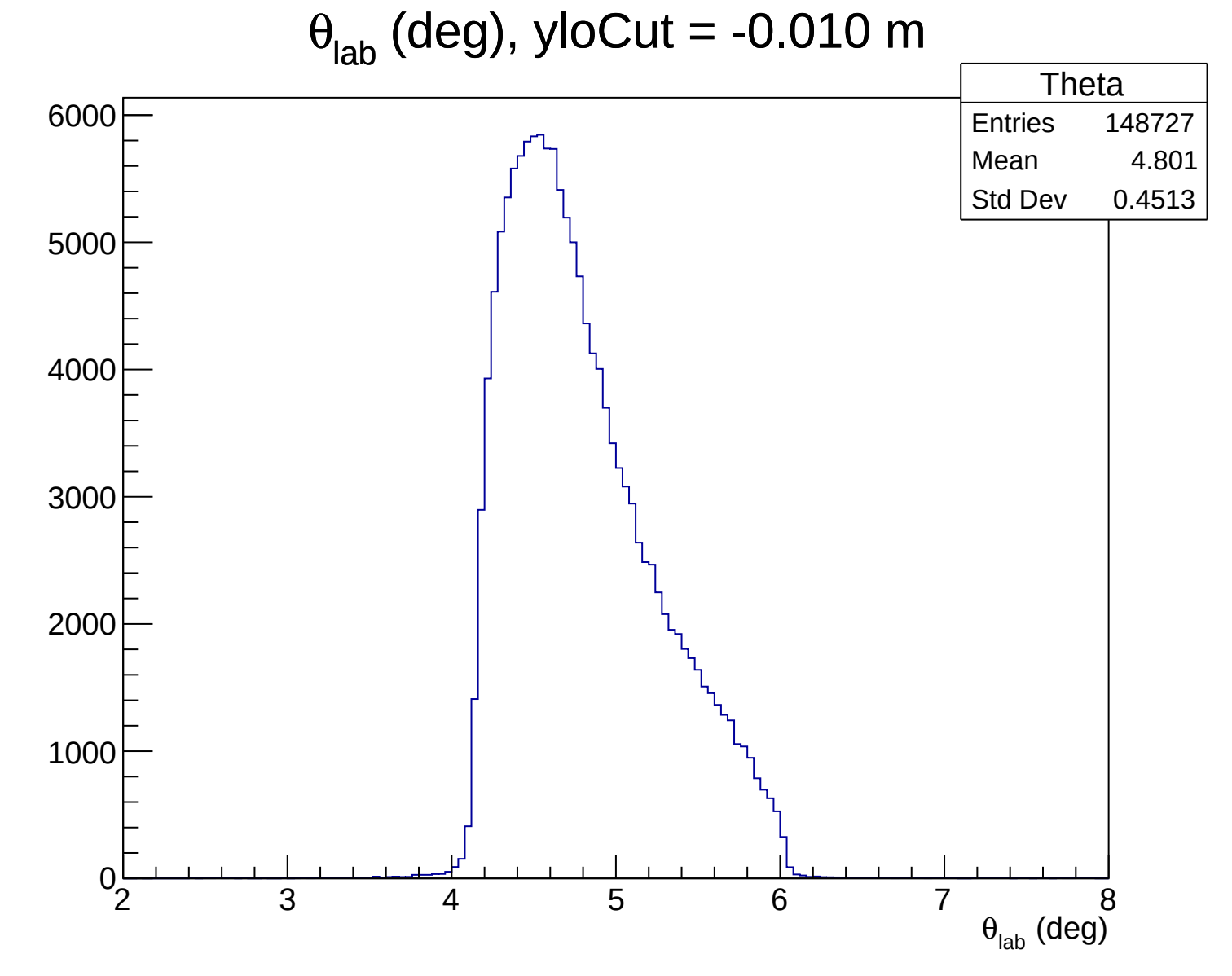

Sensitivity, yloCut = -0.008 m
sens
Entries 143794
Mean 0.02252
Std Dev 0.003848
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

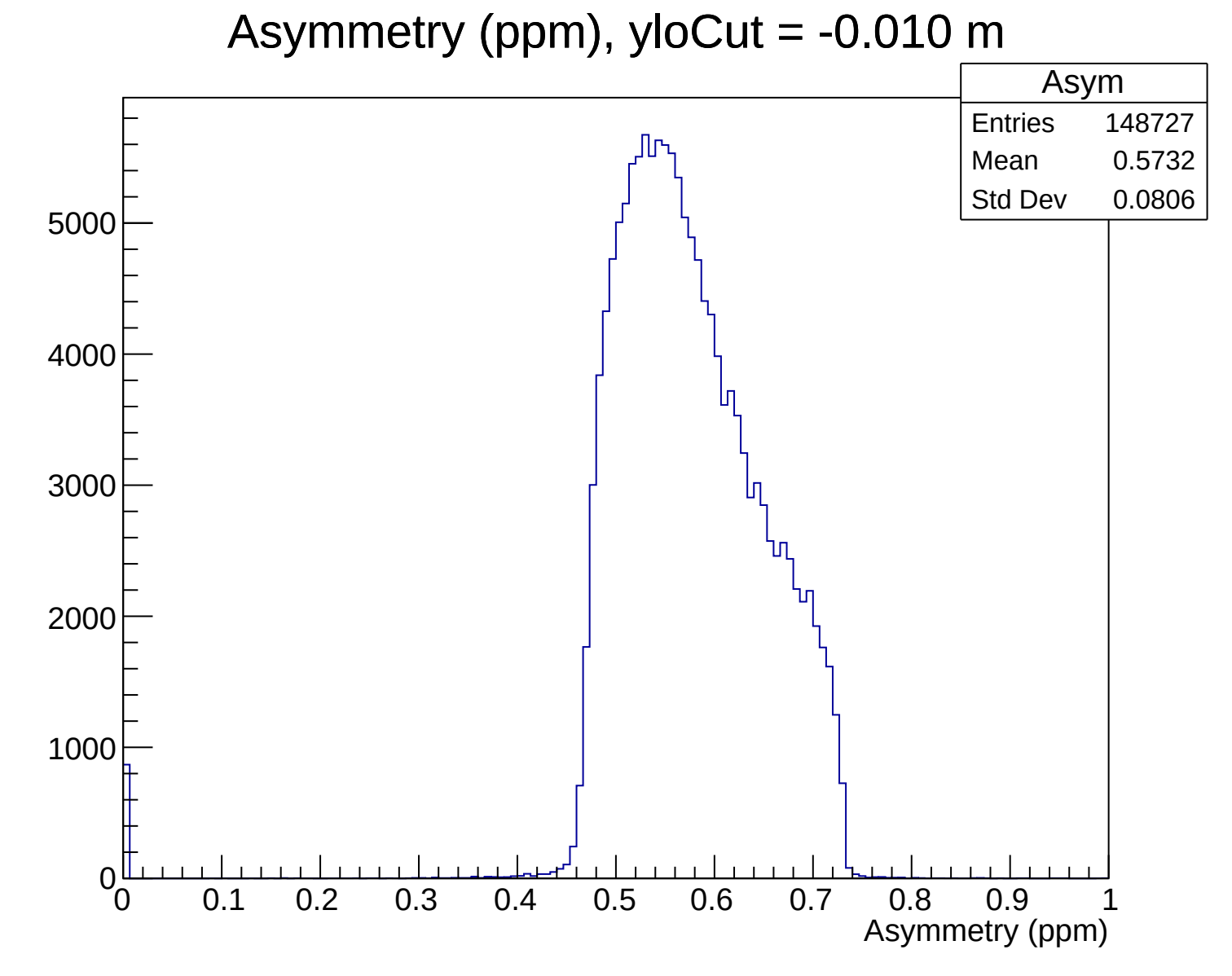

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

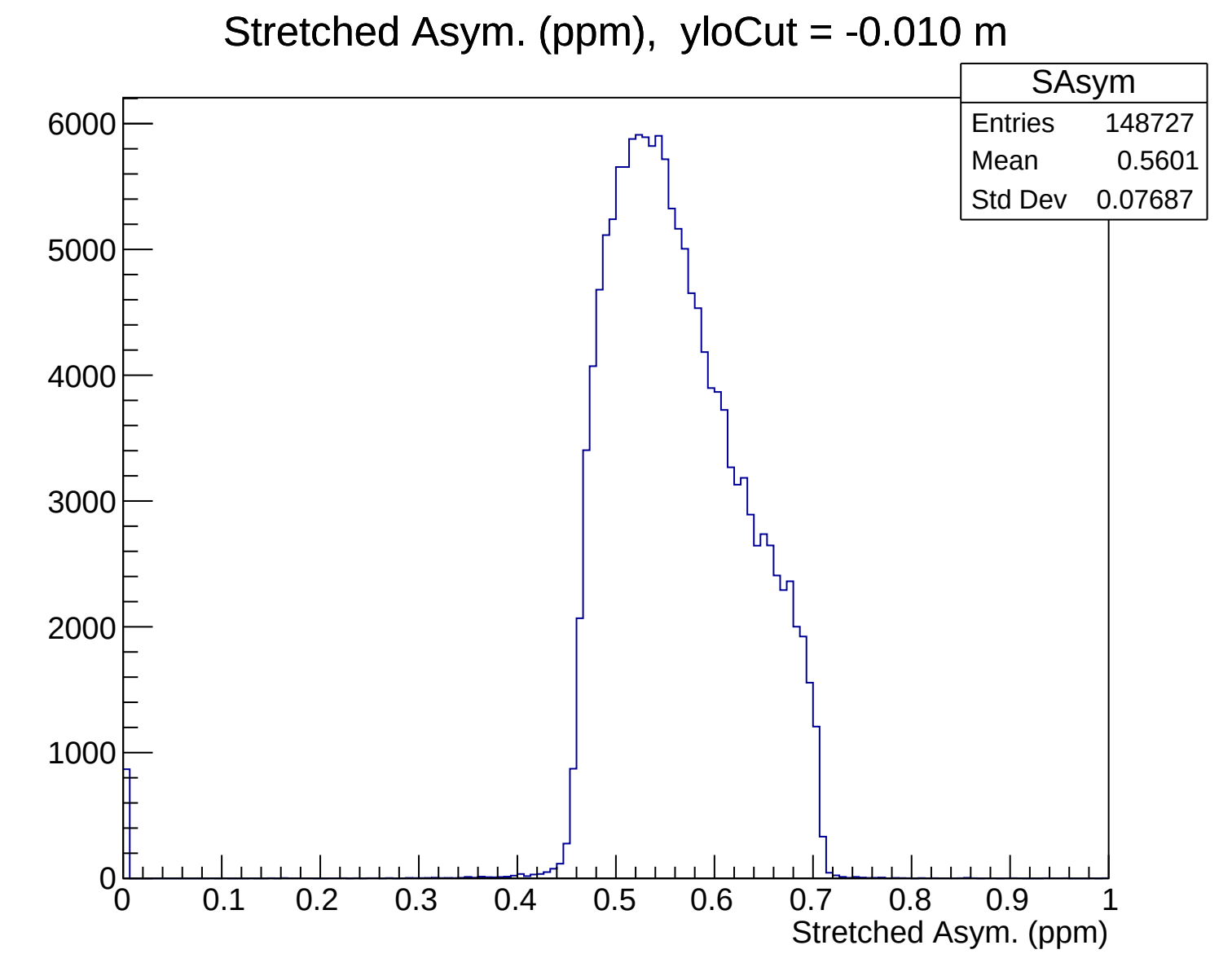

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.010
R.tr.y[0]+1.3*R.tr.ph[0] (m)

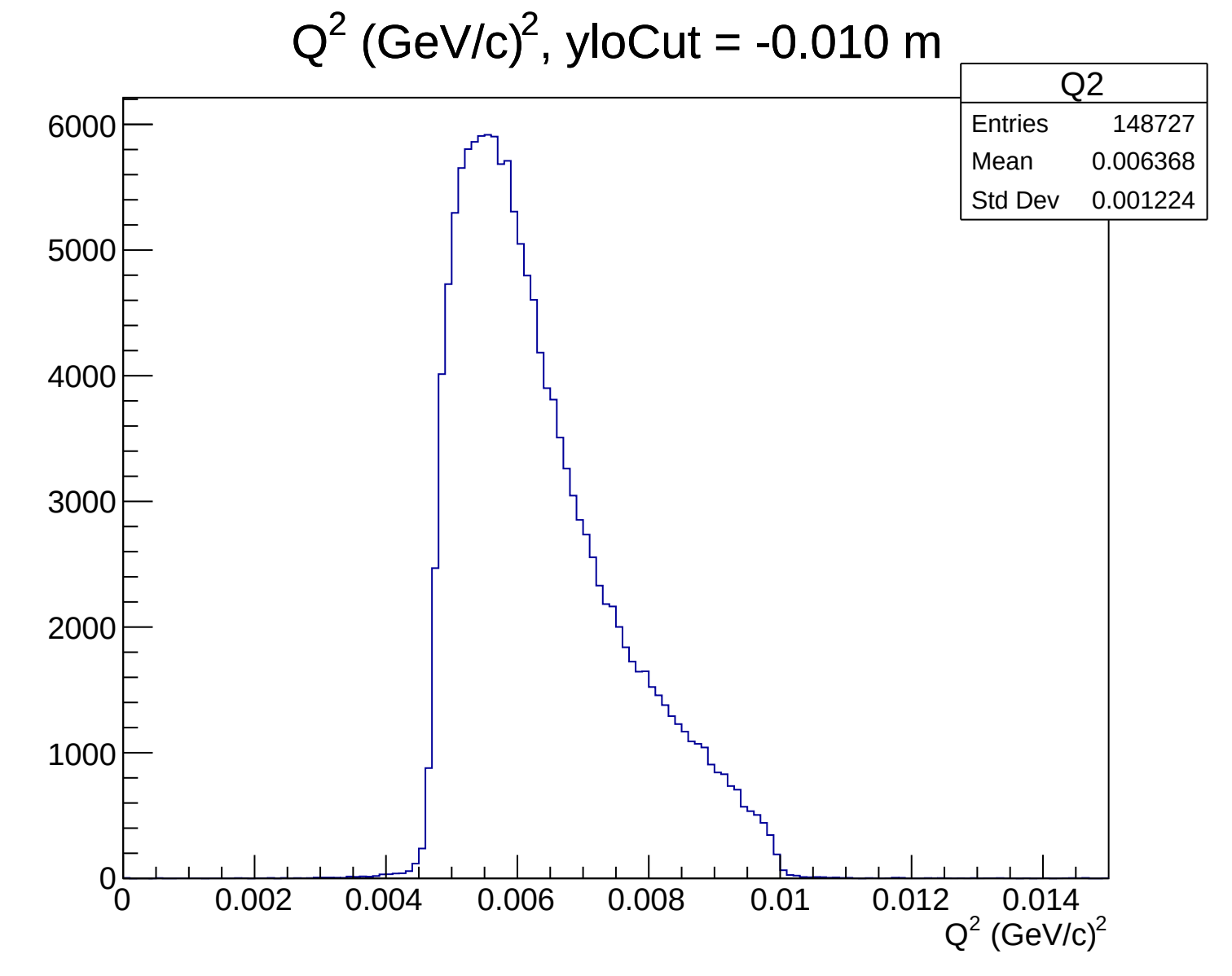

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

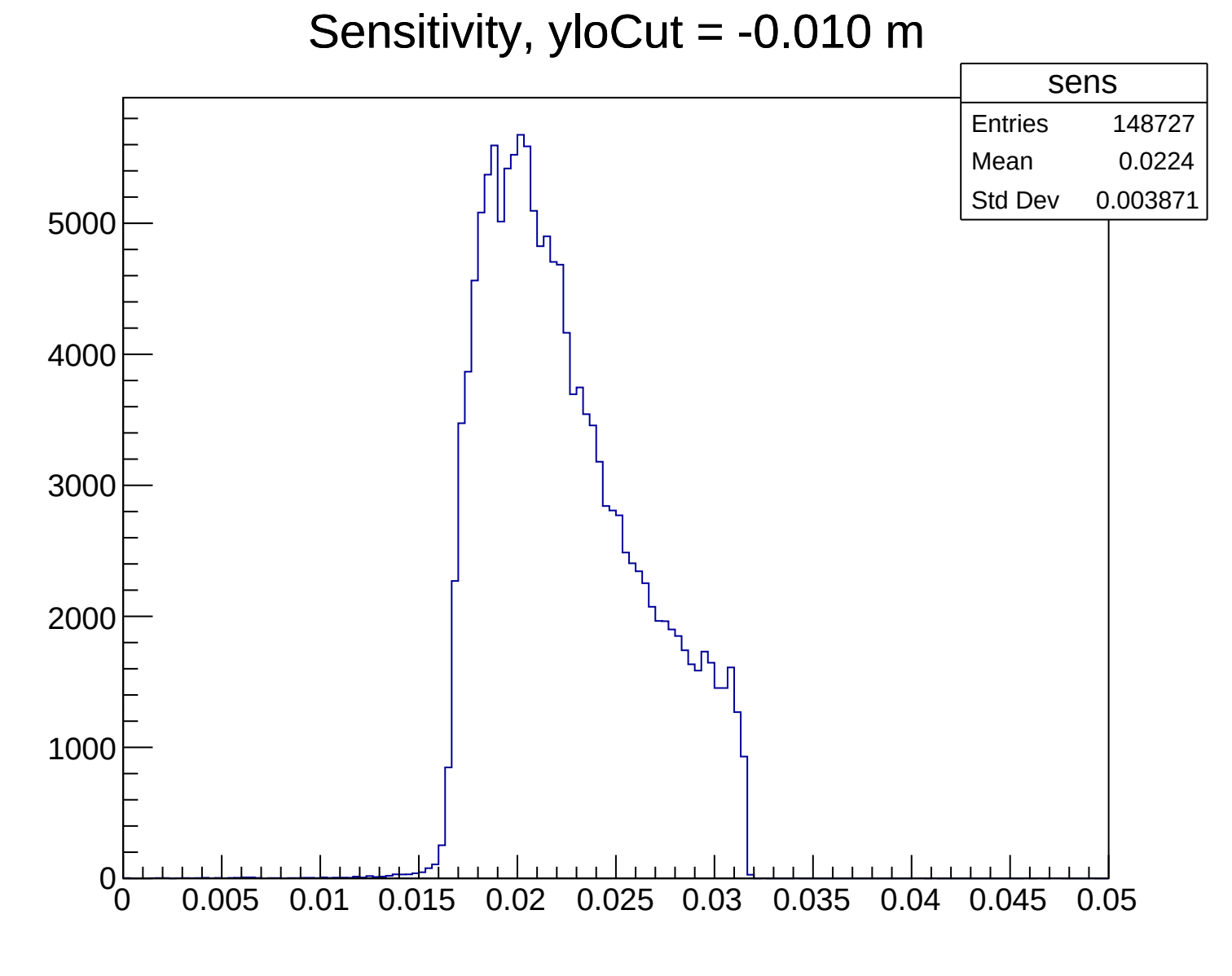

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

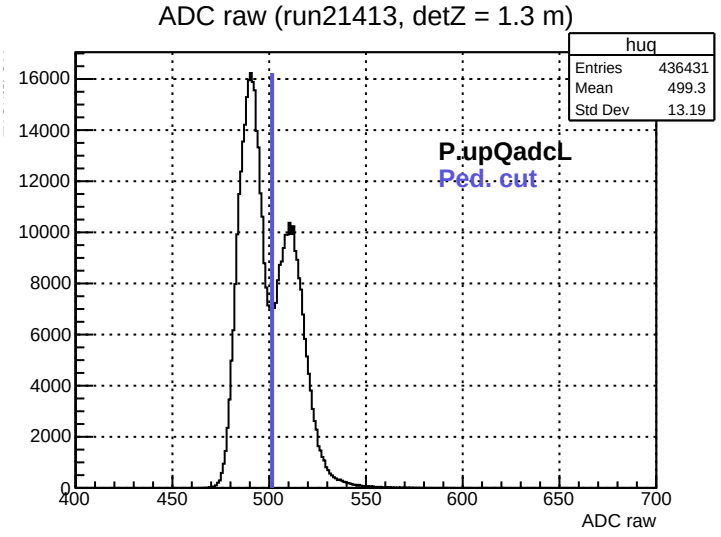

θlab (deg), yloCut = -0.010 m
Theta
Entries 148727
Mean 4.801
Std Dev 0.4513
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

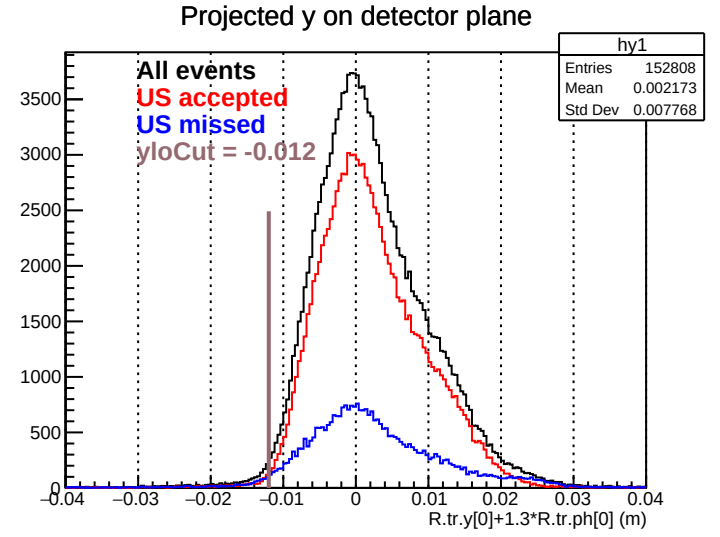

Asymmetry (ppm), yloCut = -0.010 m
Asym
Entries 148727
Mean 0.5732
Std Dev 0.0806
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

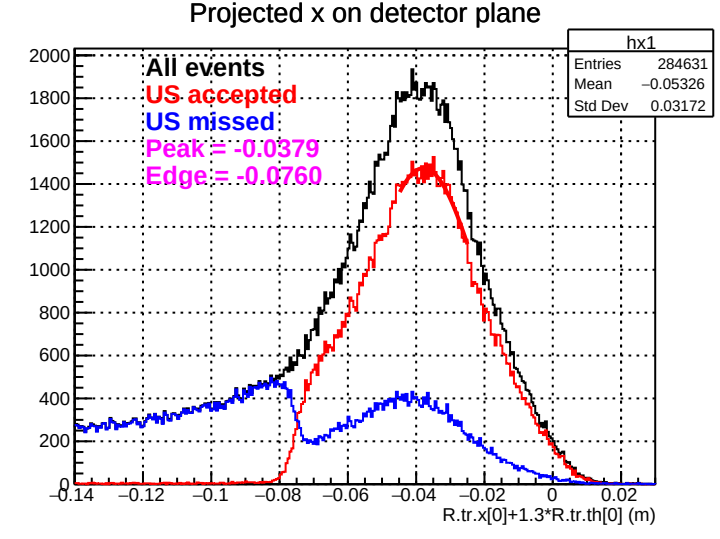

Stretched Asym. (ppm), yloCut = -0.010 m
SAsym
Entries 148727
Mean 0.5601
Std Dev 0.07687
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

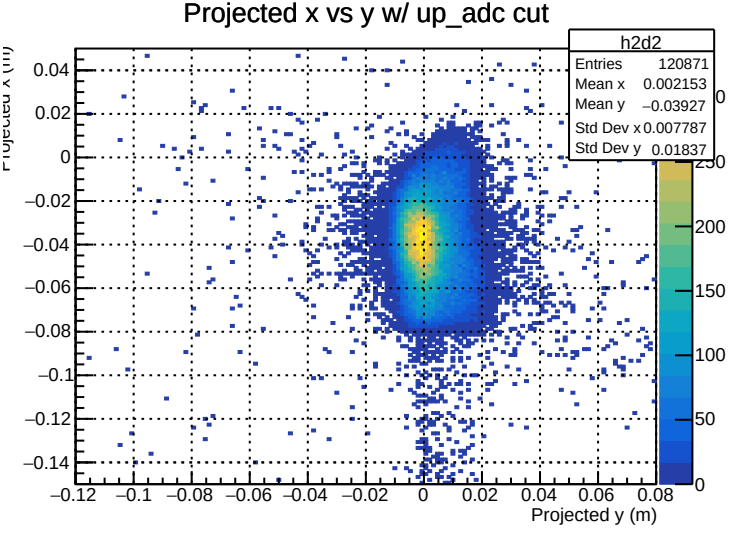

Q^2 (GeV/c)^2, yloCut = -0.010 m
Q2
Entries 148727
Mean 0.006368
Std Dev 0.001224
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

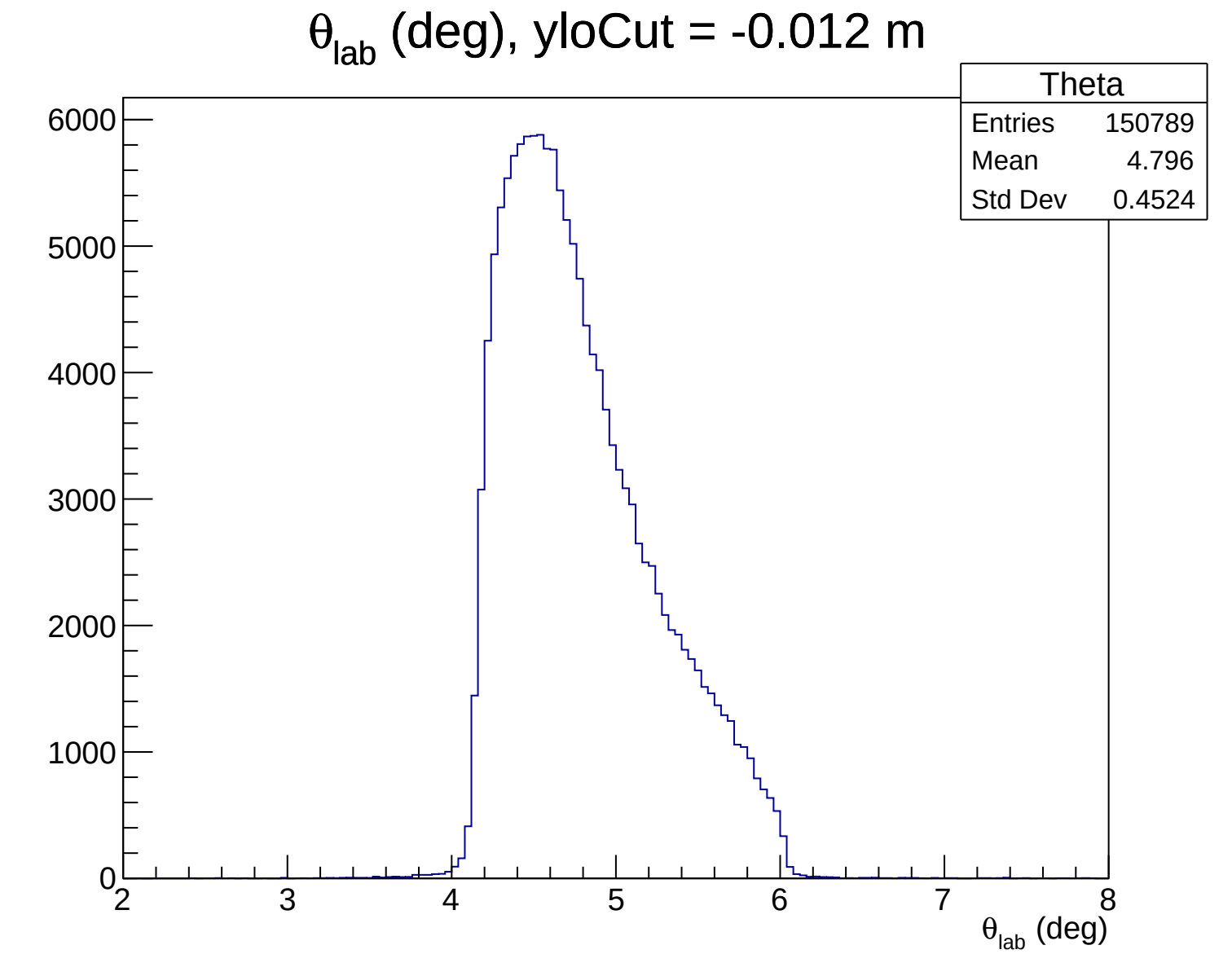

Sensitivity, yloCut = -0.010 m
sens
Entries 148727
Mean 0.0224
Std Dev 0.003871
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

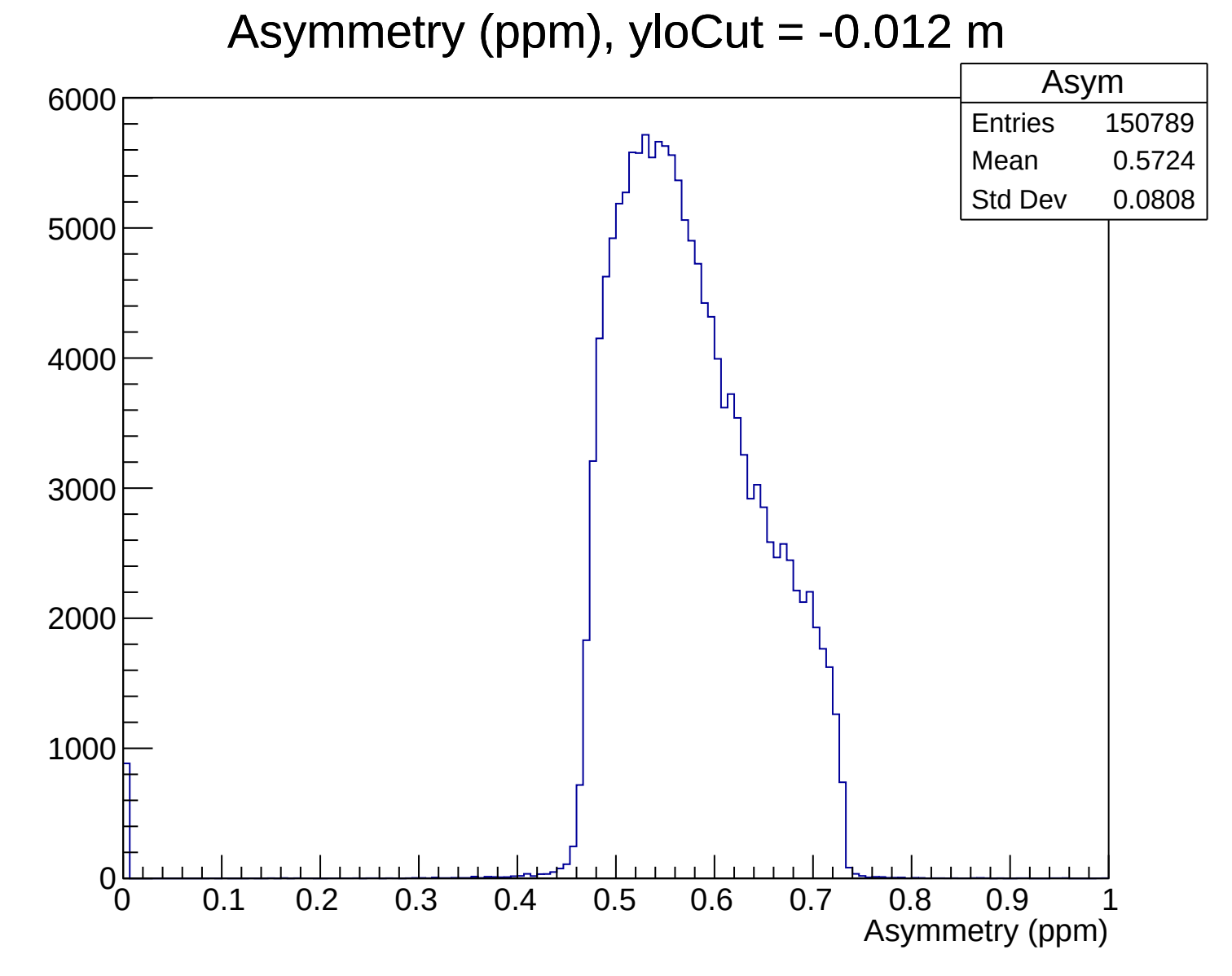

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

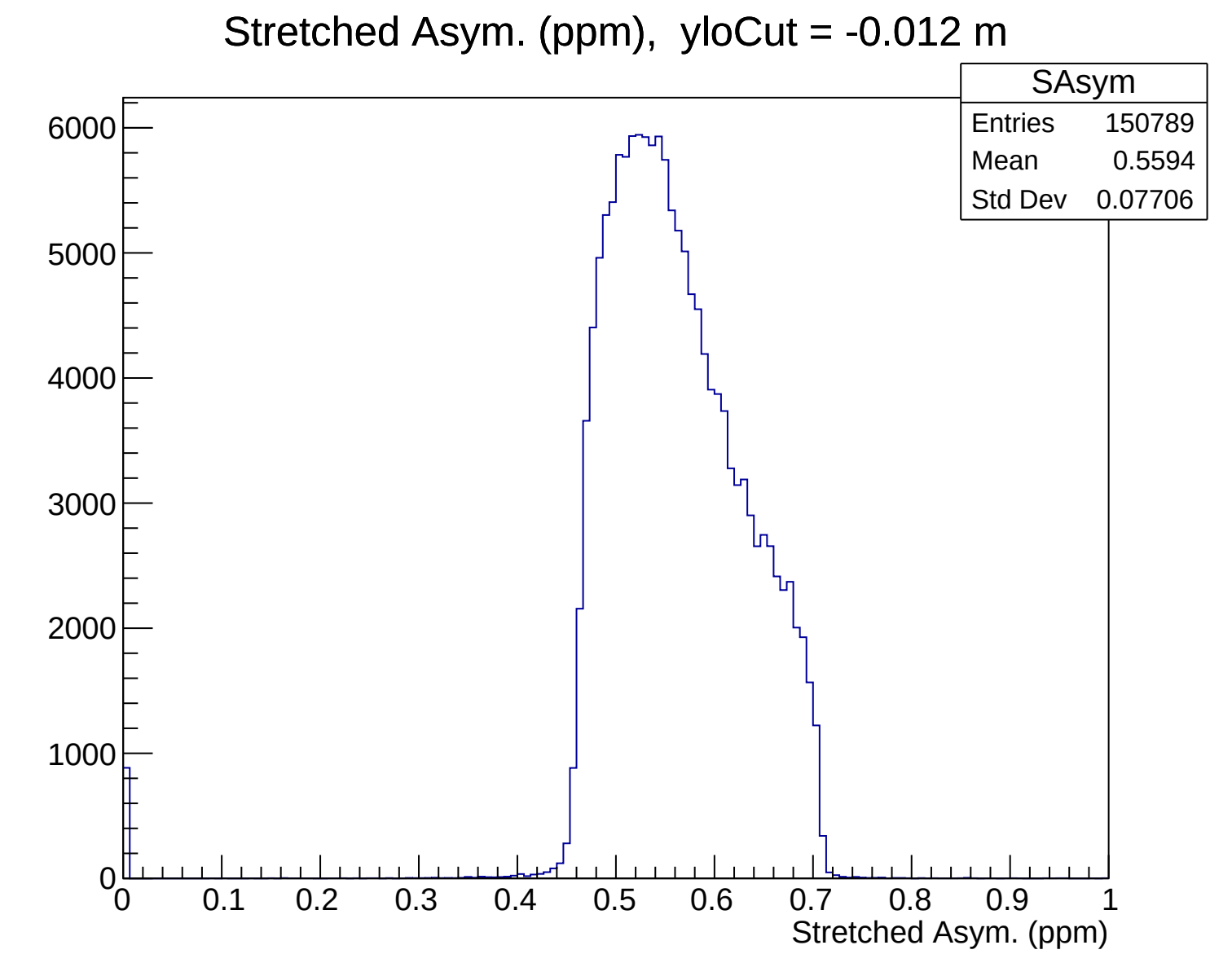

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.012
R.tr.y[0]+1.3*R.tr.ph[0] (m)

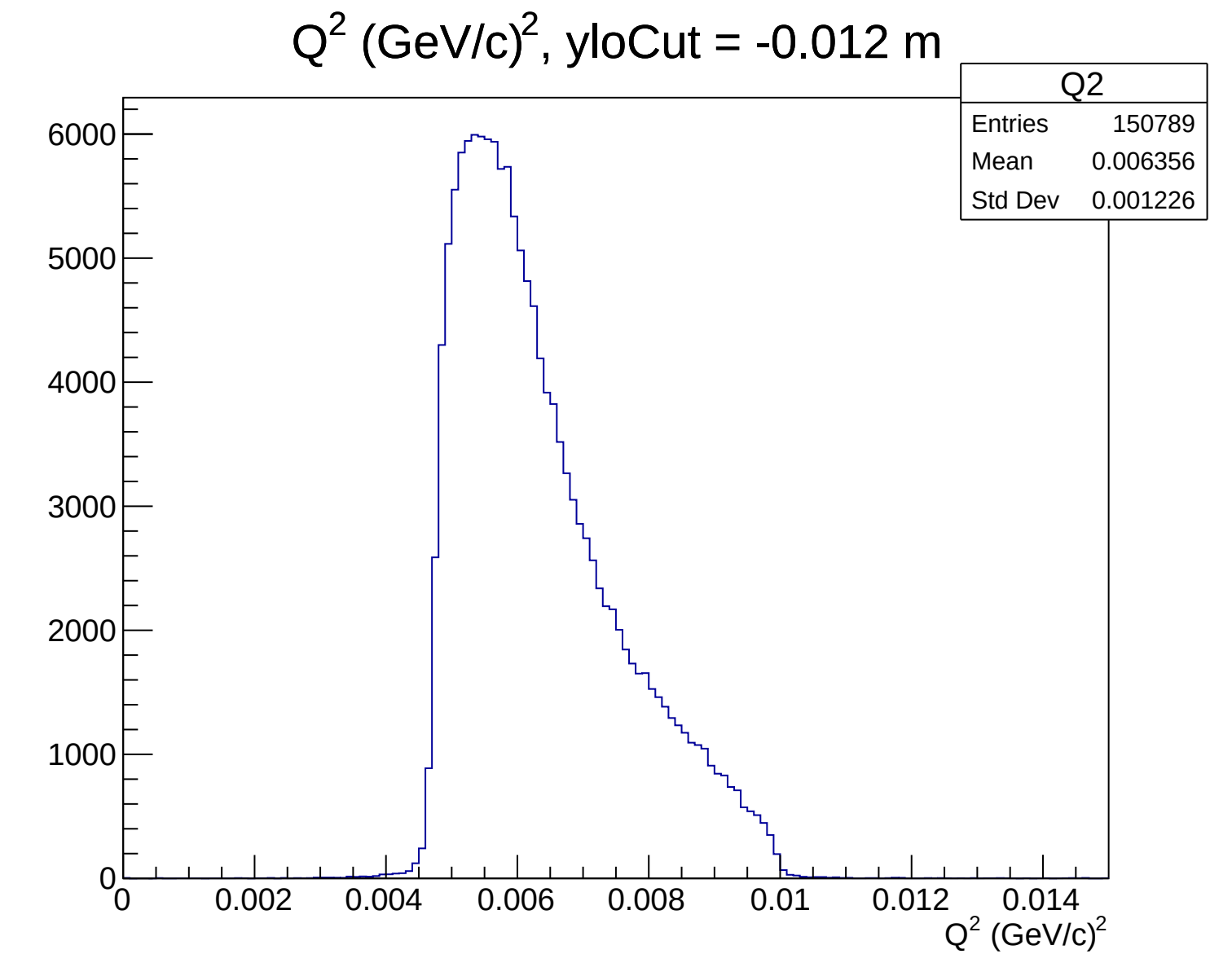

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

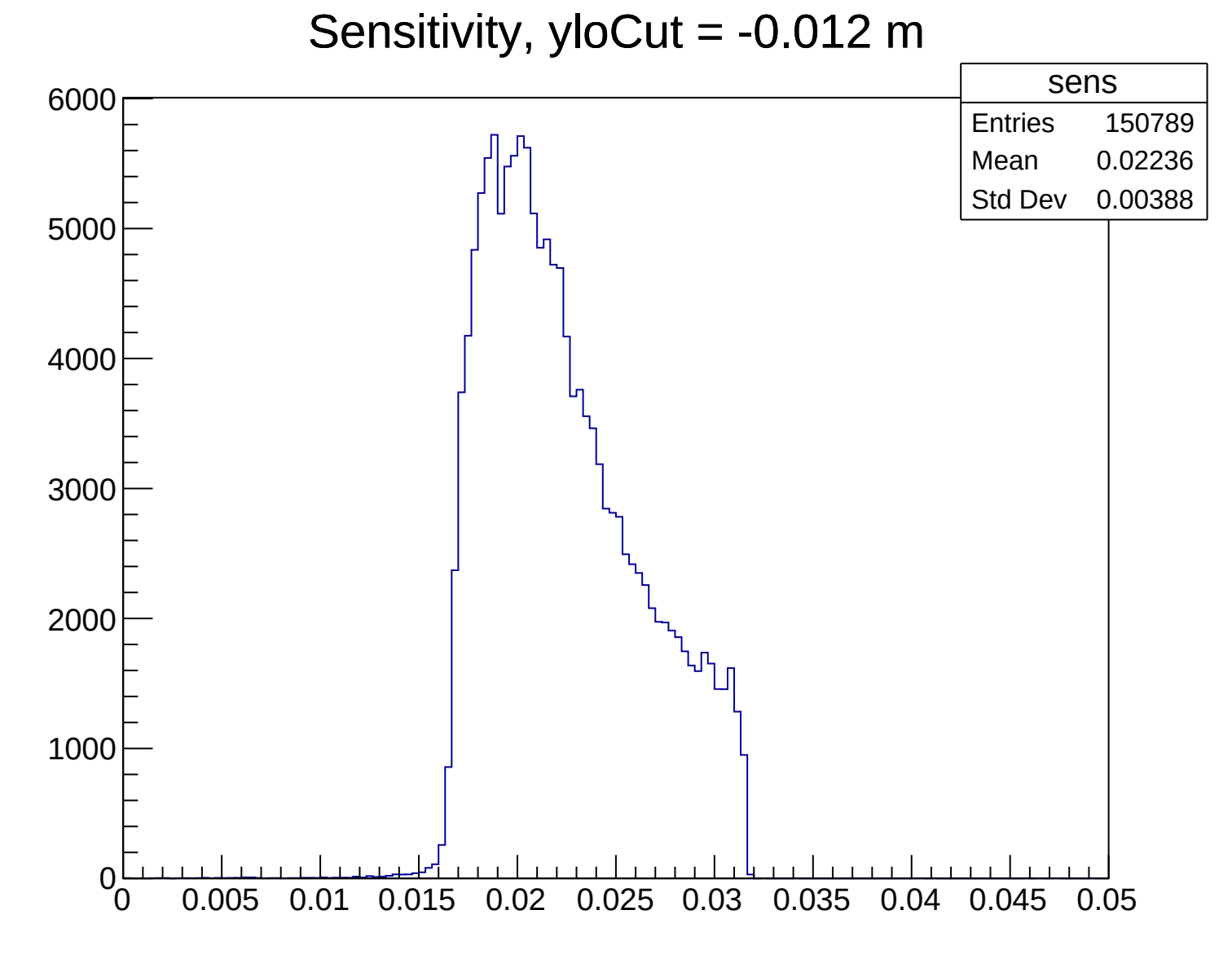

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

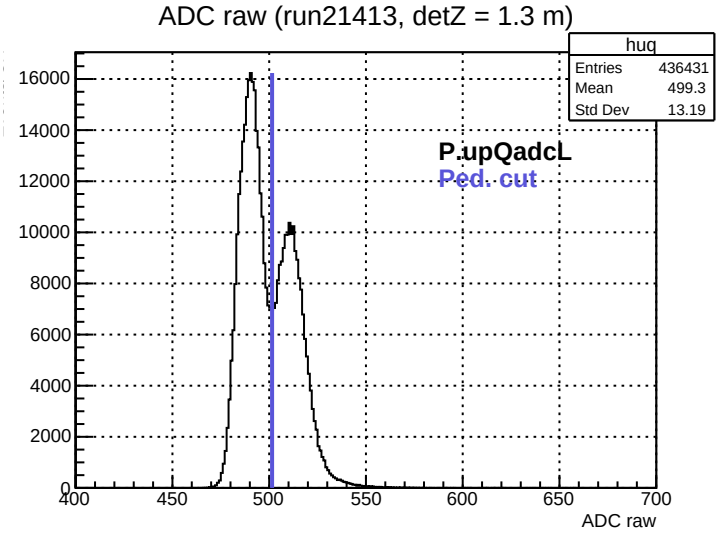

θlab (deg), yloCut = -0.012 m
Theta
Entries 150789
Mean 4.796
Std Dev 0.4524
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

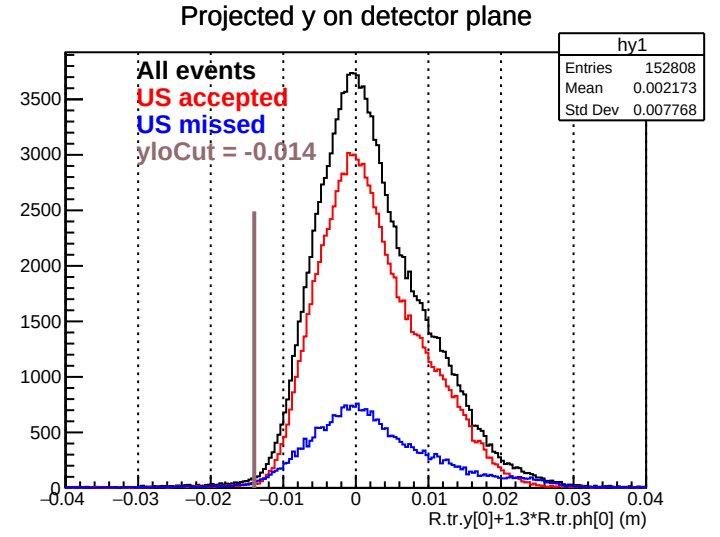

Asymmetry (ppm), yloCut = -0.012 m
Asym
Entries 150789
Mean 0.5724
Std Dev 0.0808
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

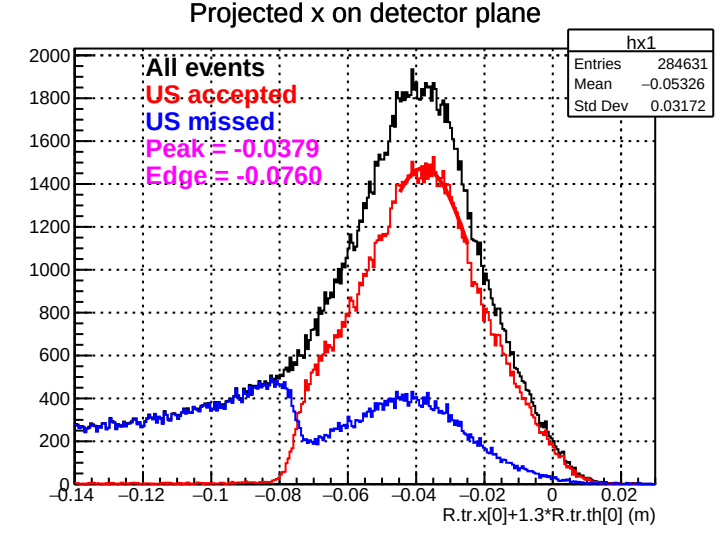

Stretched Asym. (ppm), yloCut = -0.012 m
SAsym
Entries 150789
Mean 0.5594
Std Dev 0.07706
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

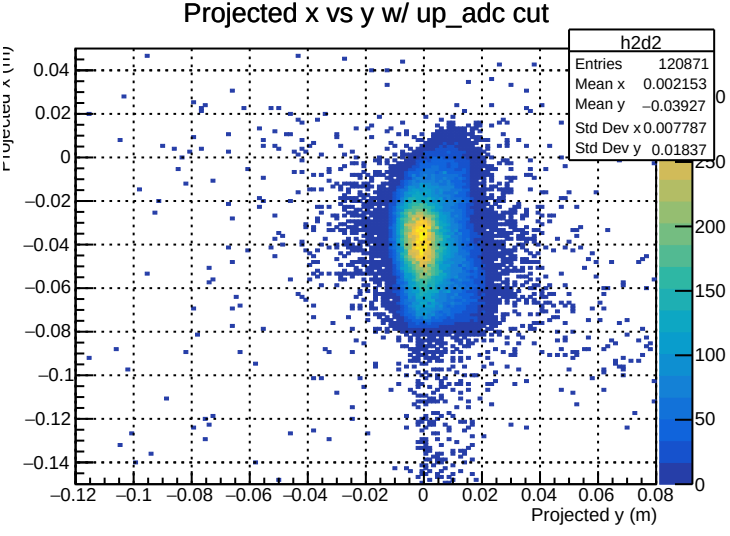

Q^2 (GeV/c)^2, yloCut = -0.012 m
Q2
Entries 150789
Mean 0.006356
Std Dev 0.001226
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

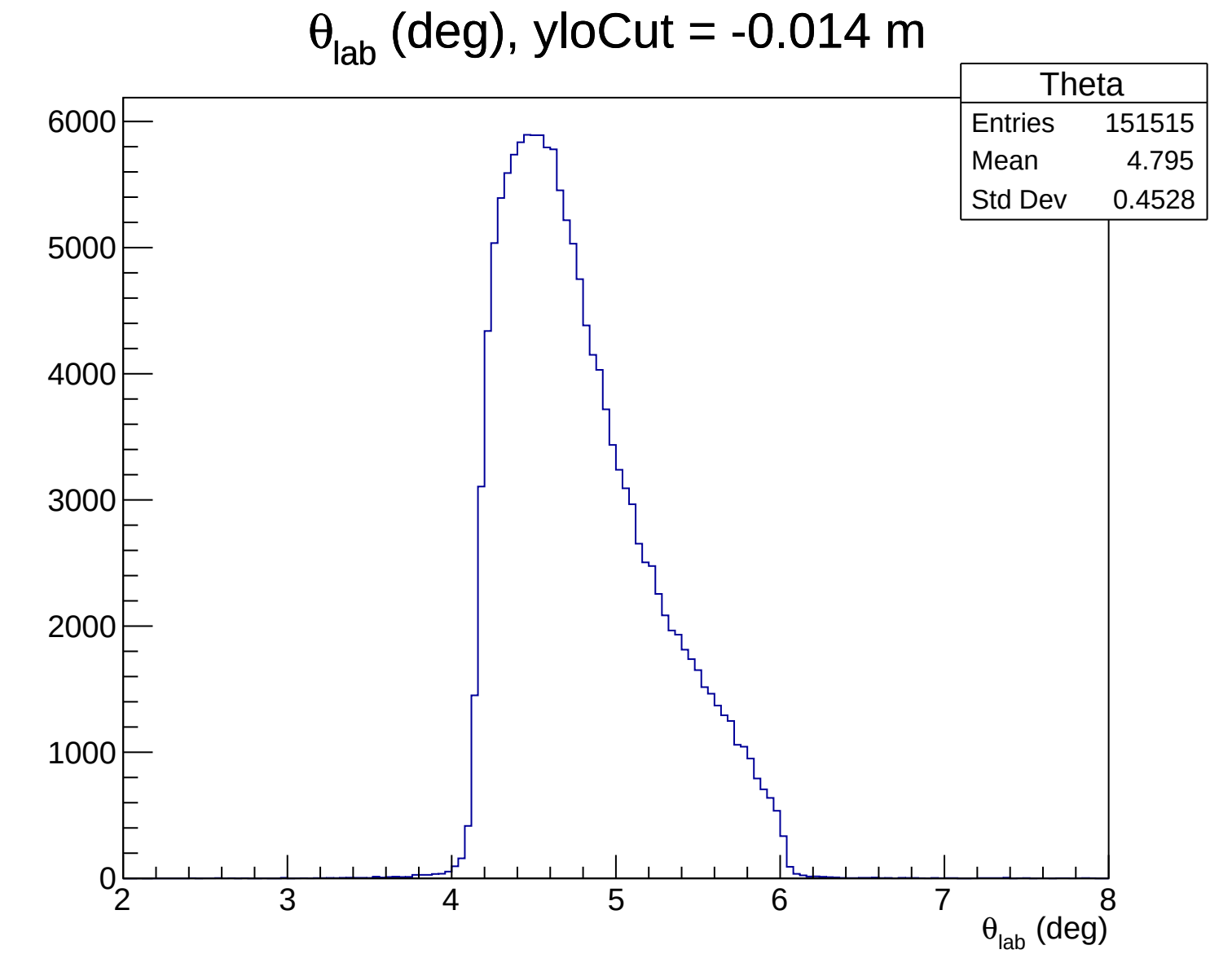

Sensitivity, yloCut = -0.012 m
sens
Entries 150789
Mean 0.02236
Std Dev 0.00388
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

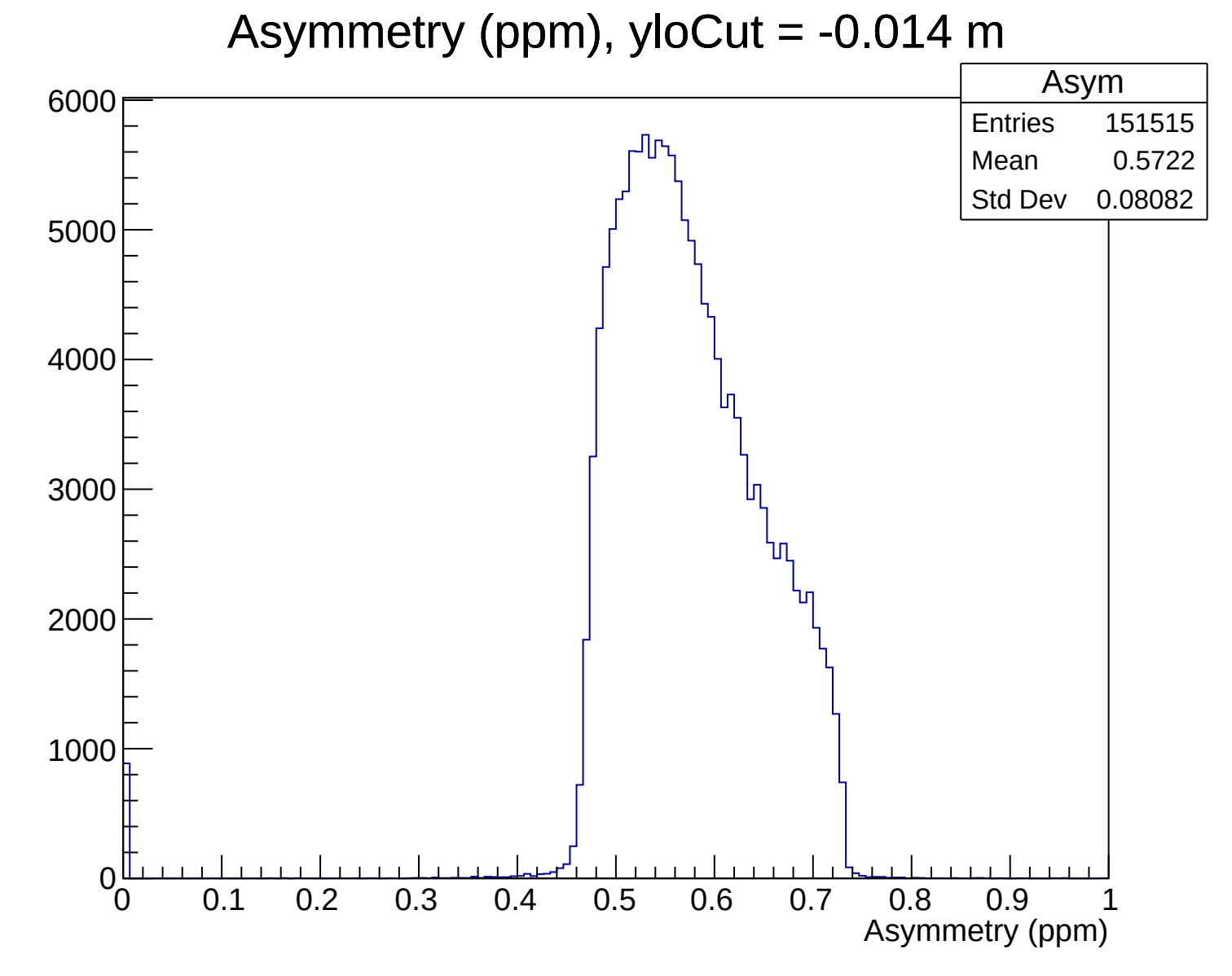

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

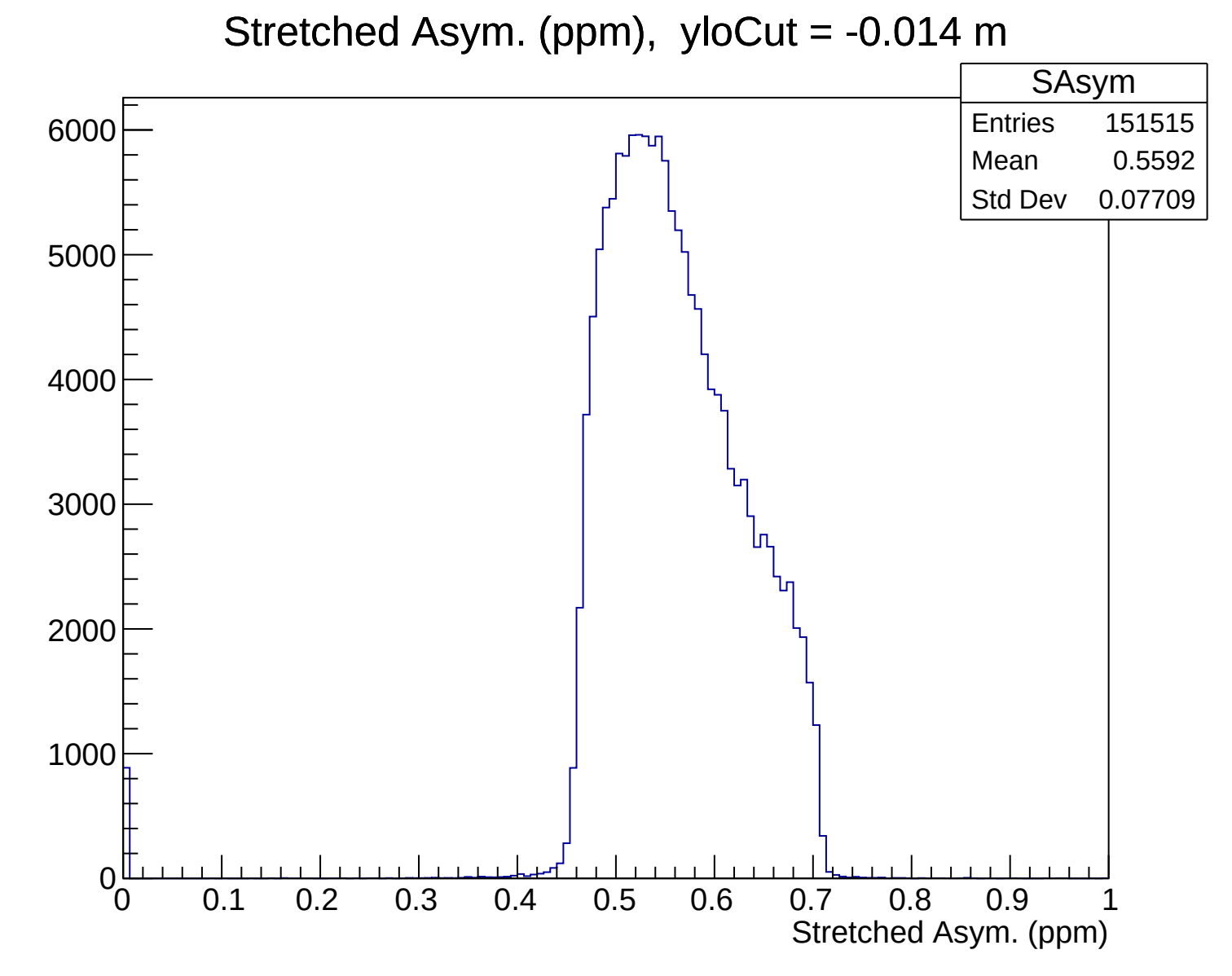

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.014
R.tr.y[0]+1.3*R.tr.ph[0] (m)

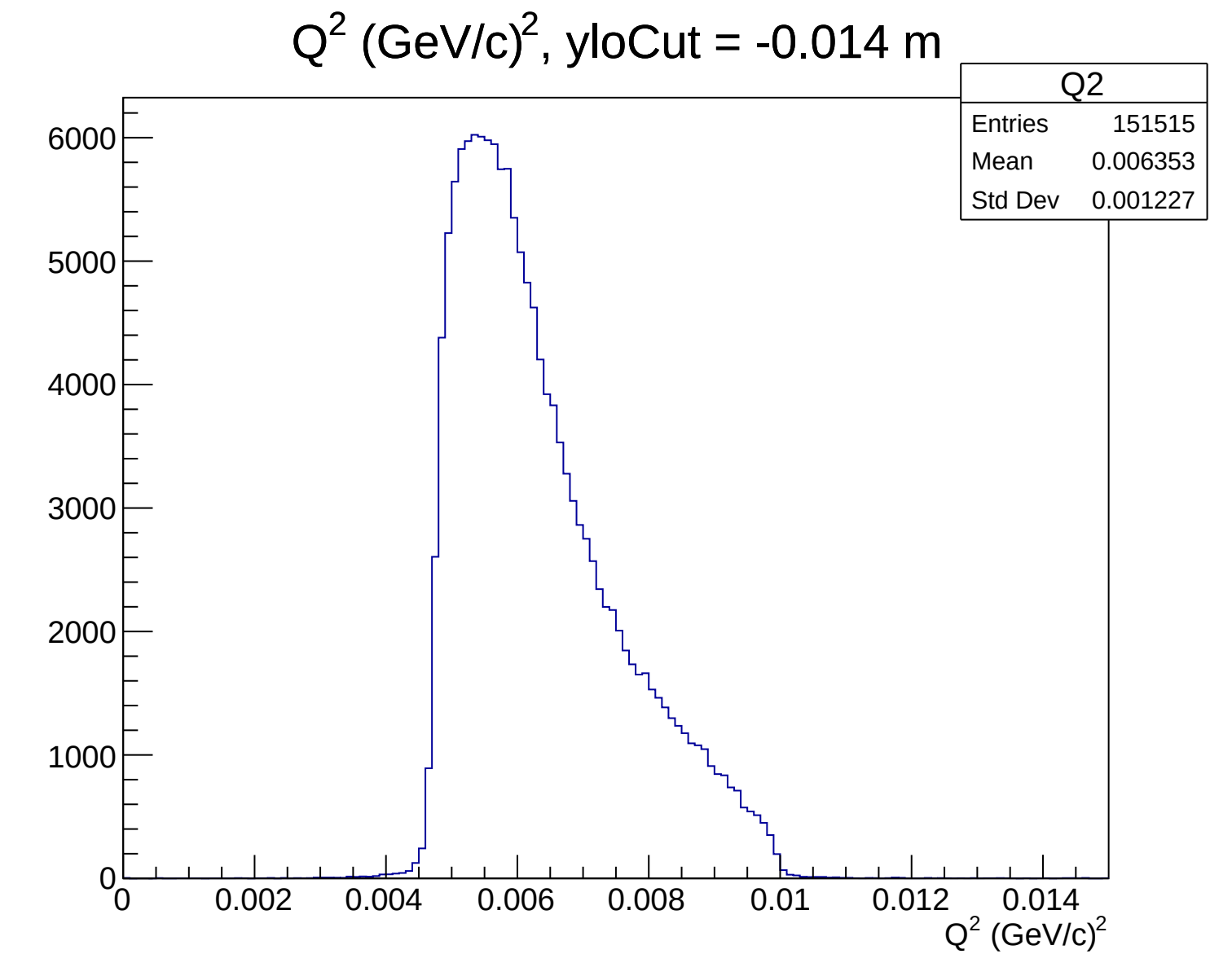

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

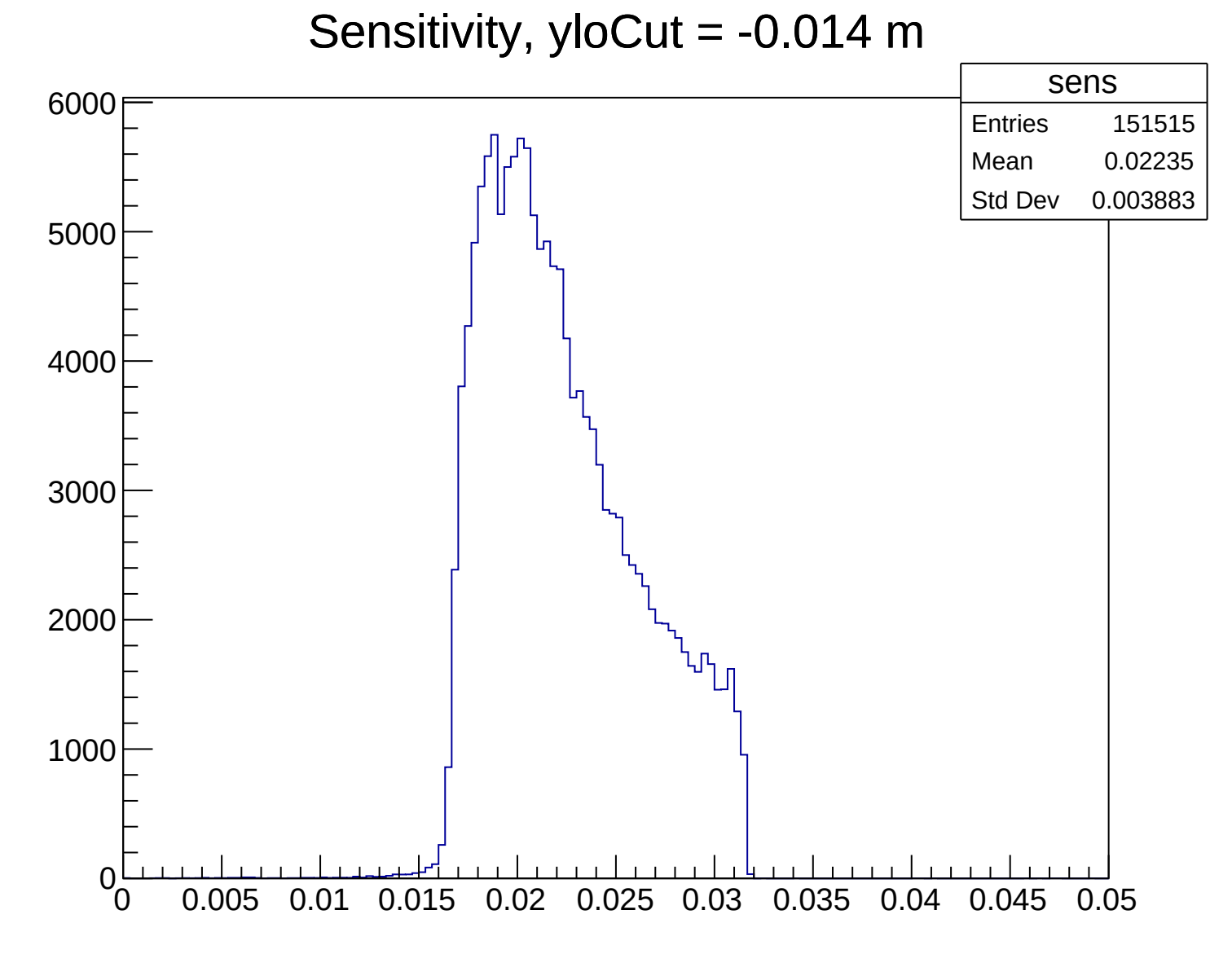

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

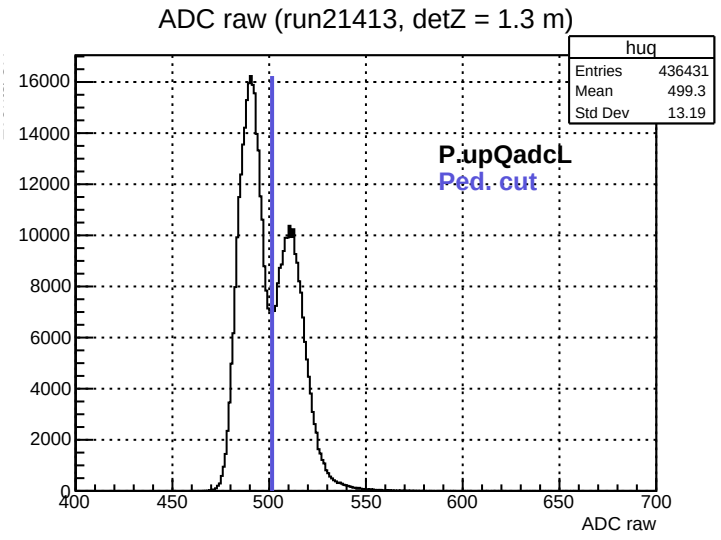

θlab (deg), yloCut = -0.014 m
Theta
Entries 151515
Mean 4.795
Std Dev 0.4528
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

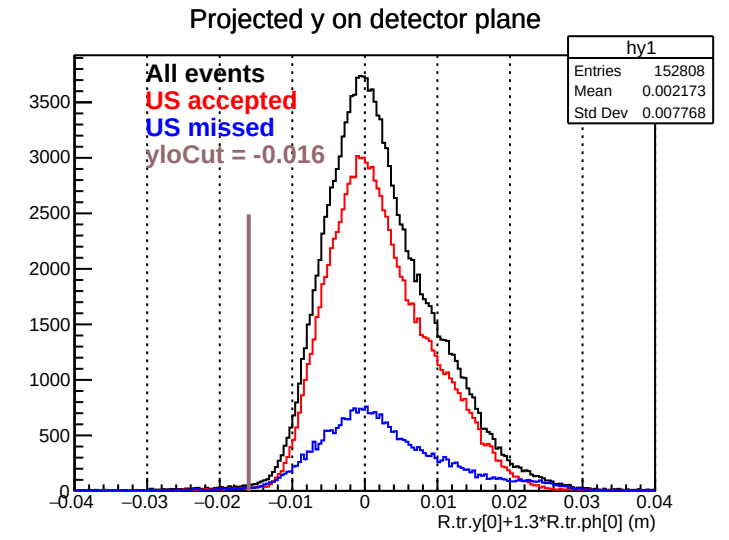

Asymmetry (ppm), yloCut = -0.014 m
Asym
Entries 151515
Mean 0.5722
Std Dev 0.08082
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

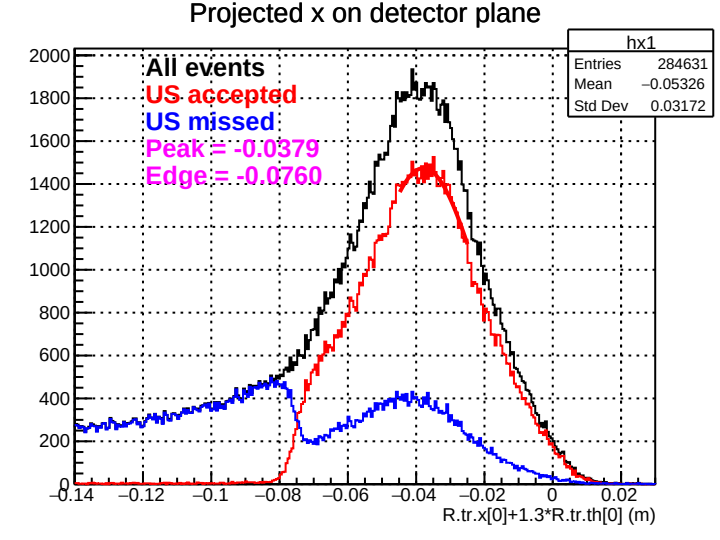

Stretched Asym. (ppm), yloCut = -0.014 m
SAsym
Entries 151515
Mean 0.5592
Std Dev 0.07709
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

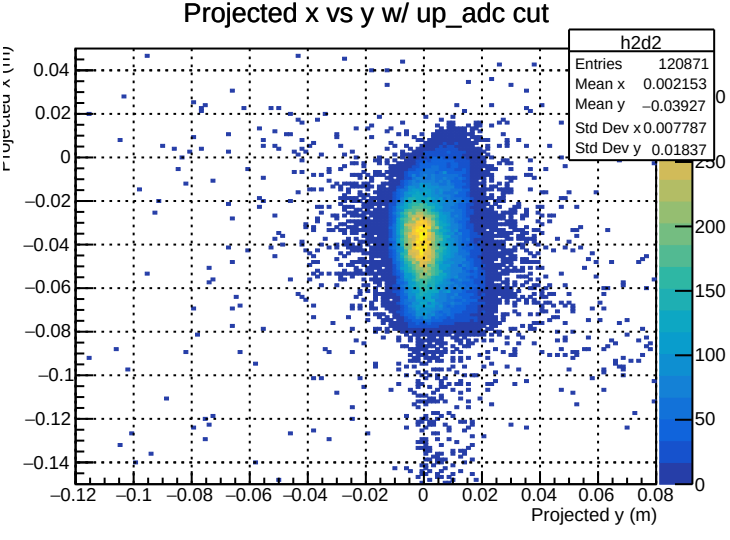

Q^2 (GeV/c)^2, yloCut = -0.014 m
Q2
Entries 151515
Mean 0.006353
Std Dev 0.001227
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

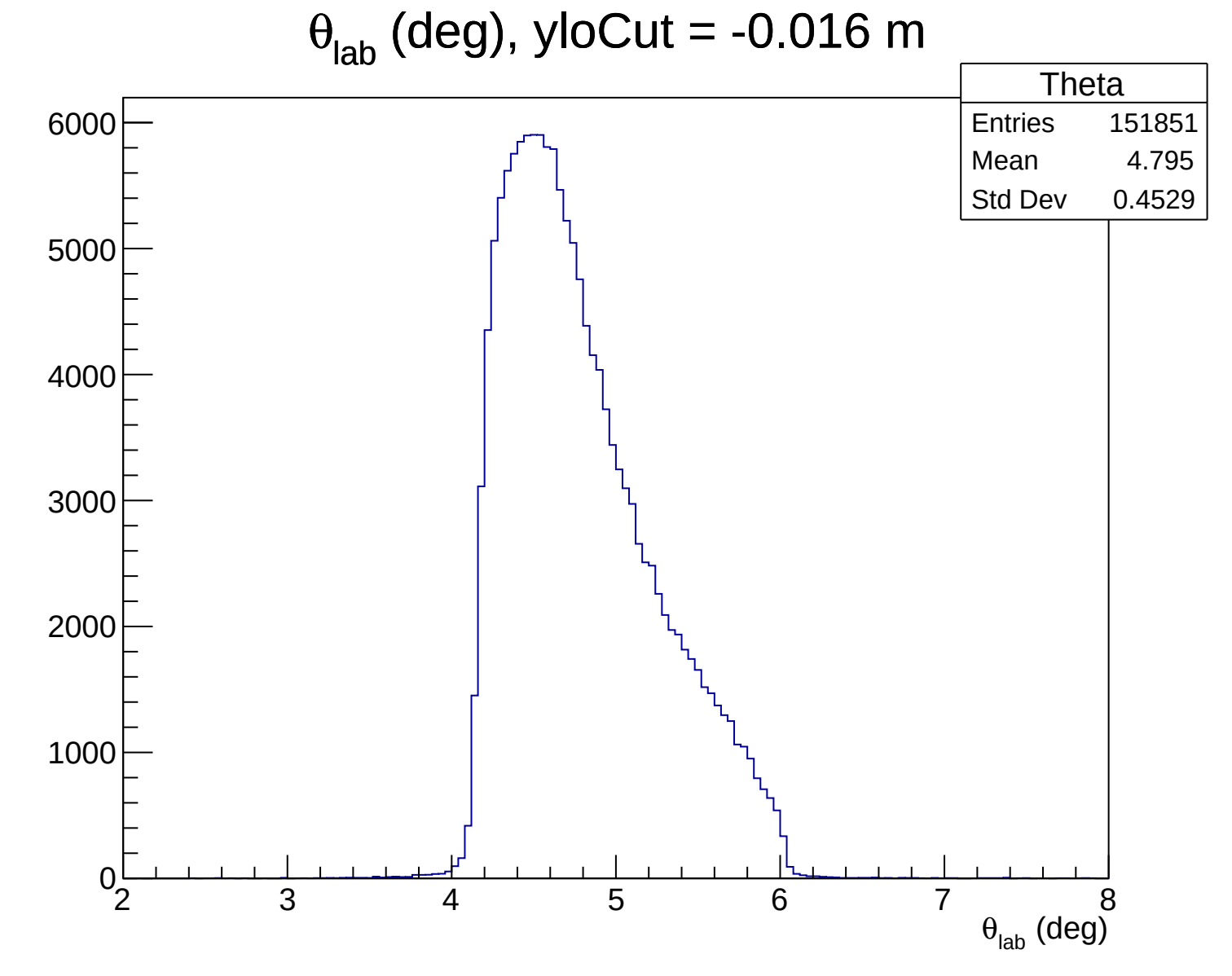

Sensitivity, yloCut = -0.014 m
sens
Entries 151515
Mean 0.02235
Std Dev 0.003883
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

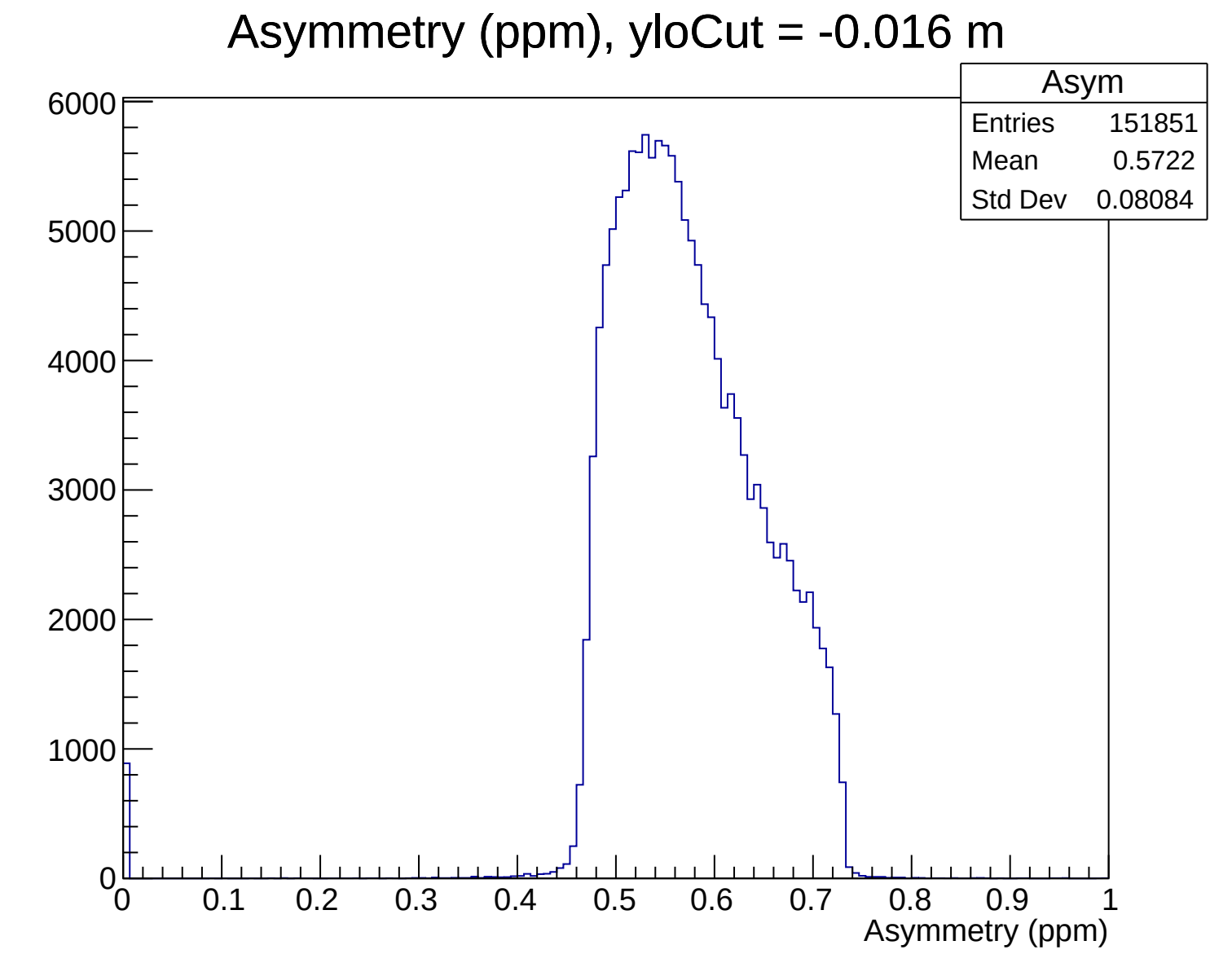

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

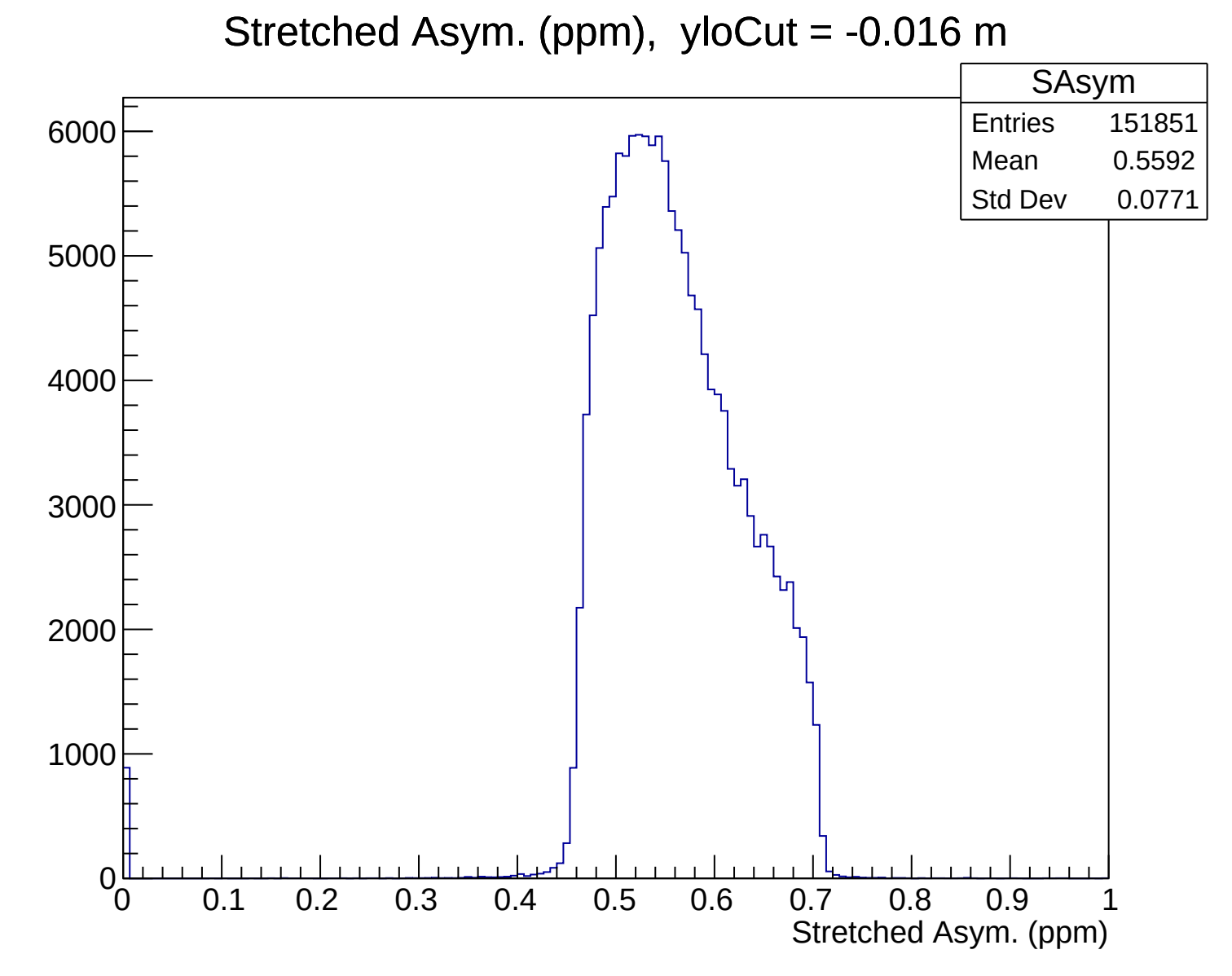

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.016
R.tr.y[0]+1.3*R.tr.ph[0] (m)

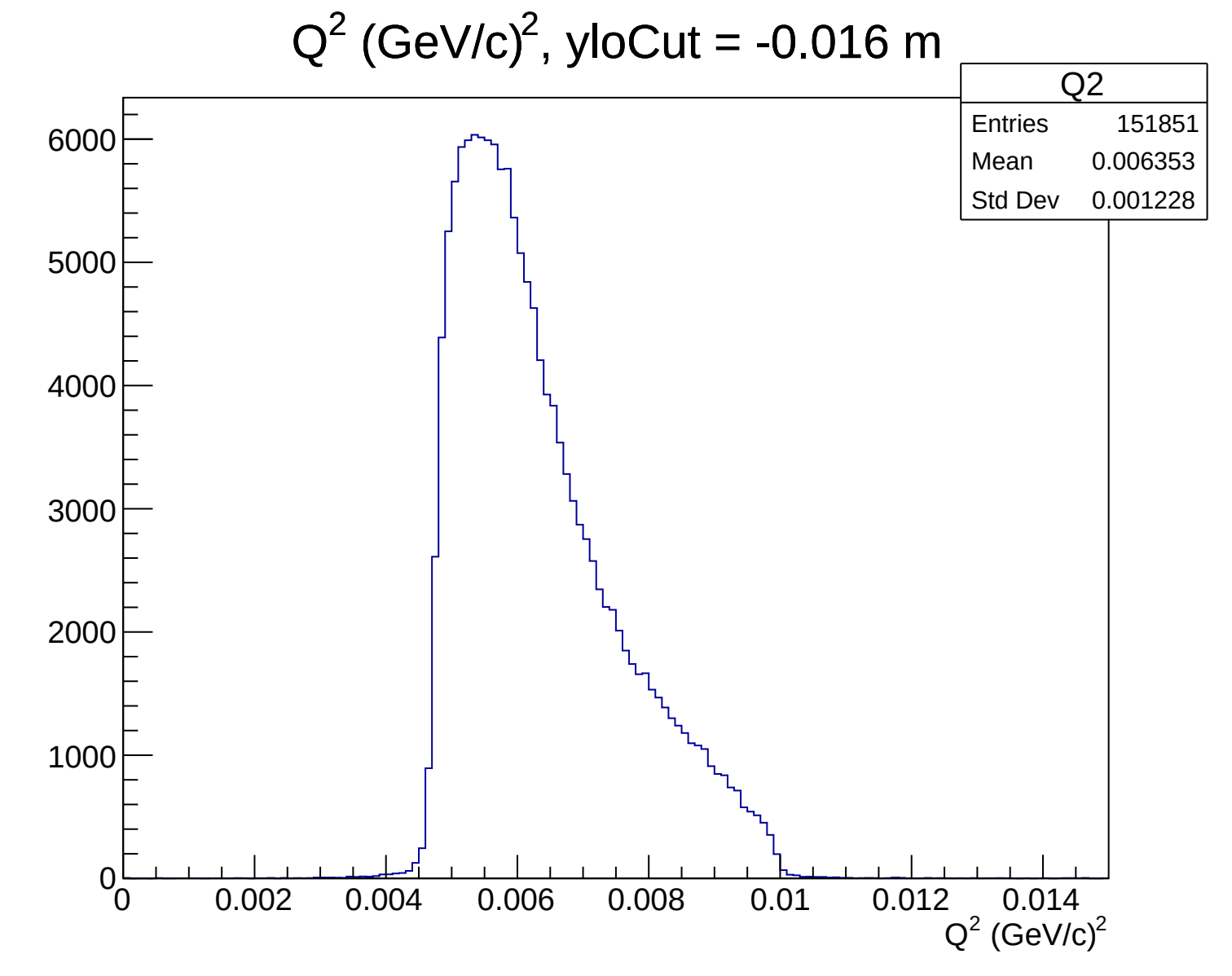

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

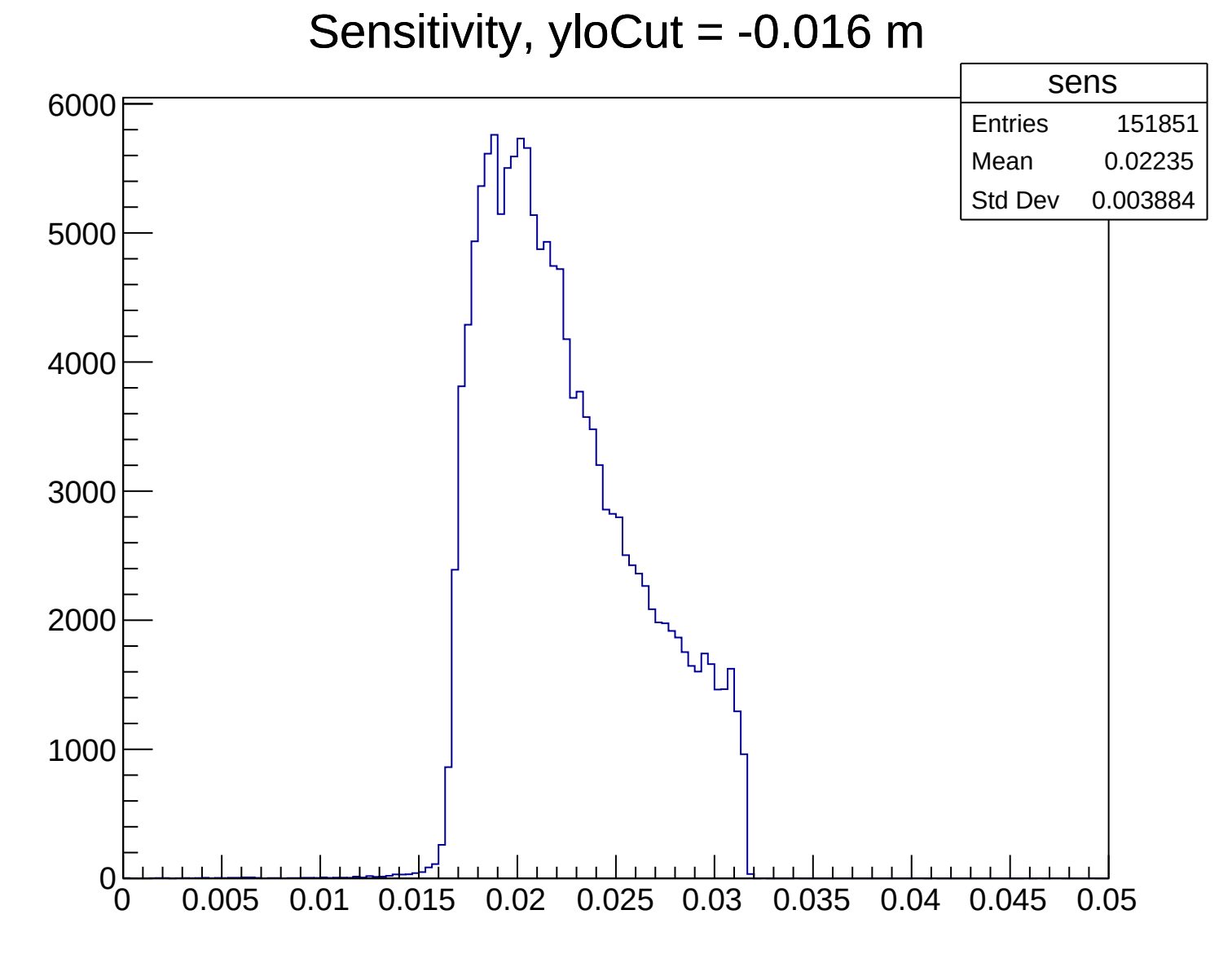

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

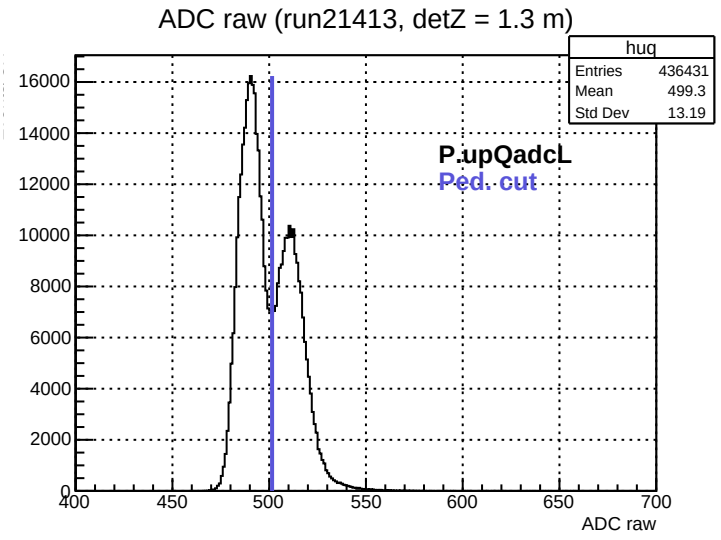

θlab (deg), yloCut = -0.016 m
Theta
Entries 151851
Mean 4.795
Std Dev 0.4529
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

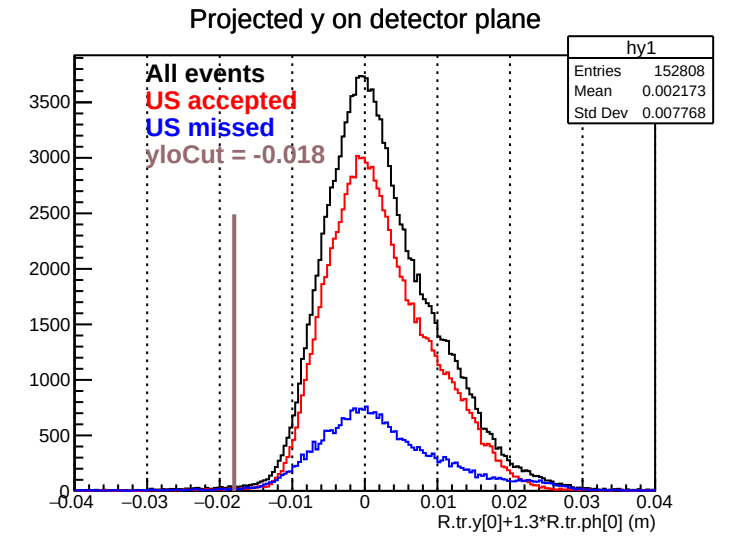

Asymmetry (ppm), yloCut = -0.016 m
Asym
Entries 151851
Mean 0.5722
Std Dev 0.08084
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

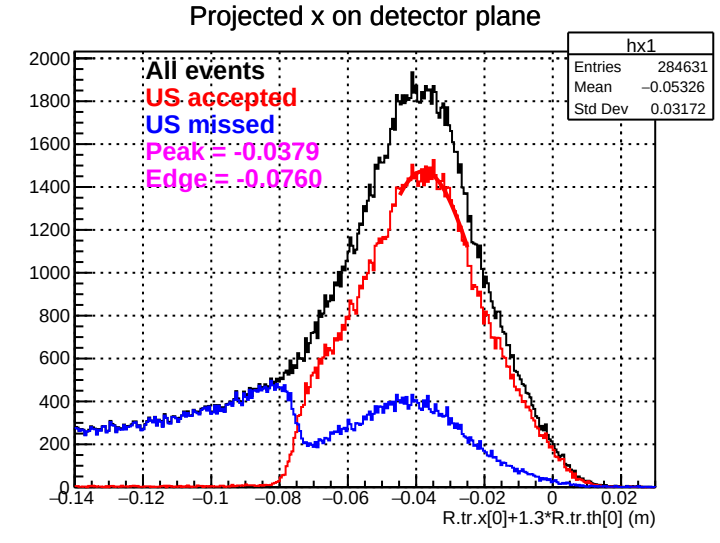

Stretched Asym. (ppm), yloCut = -0.016 m
SAsym
Entries 151851
Mean 0.5592
Std Dev 0.0771
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

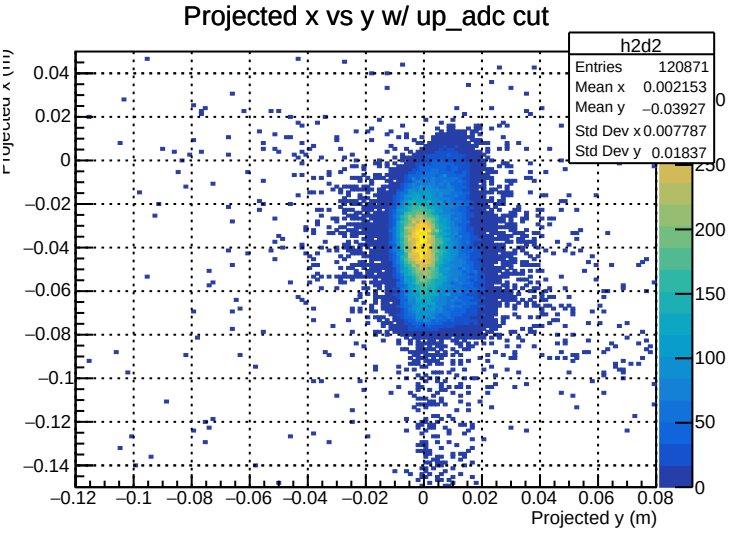

Q^2 (GeV/c)^2, yloCut = -0.016 m
Q2
Entries 151851
Mean 0.006353
Std Dev 0.001228
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

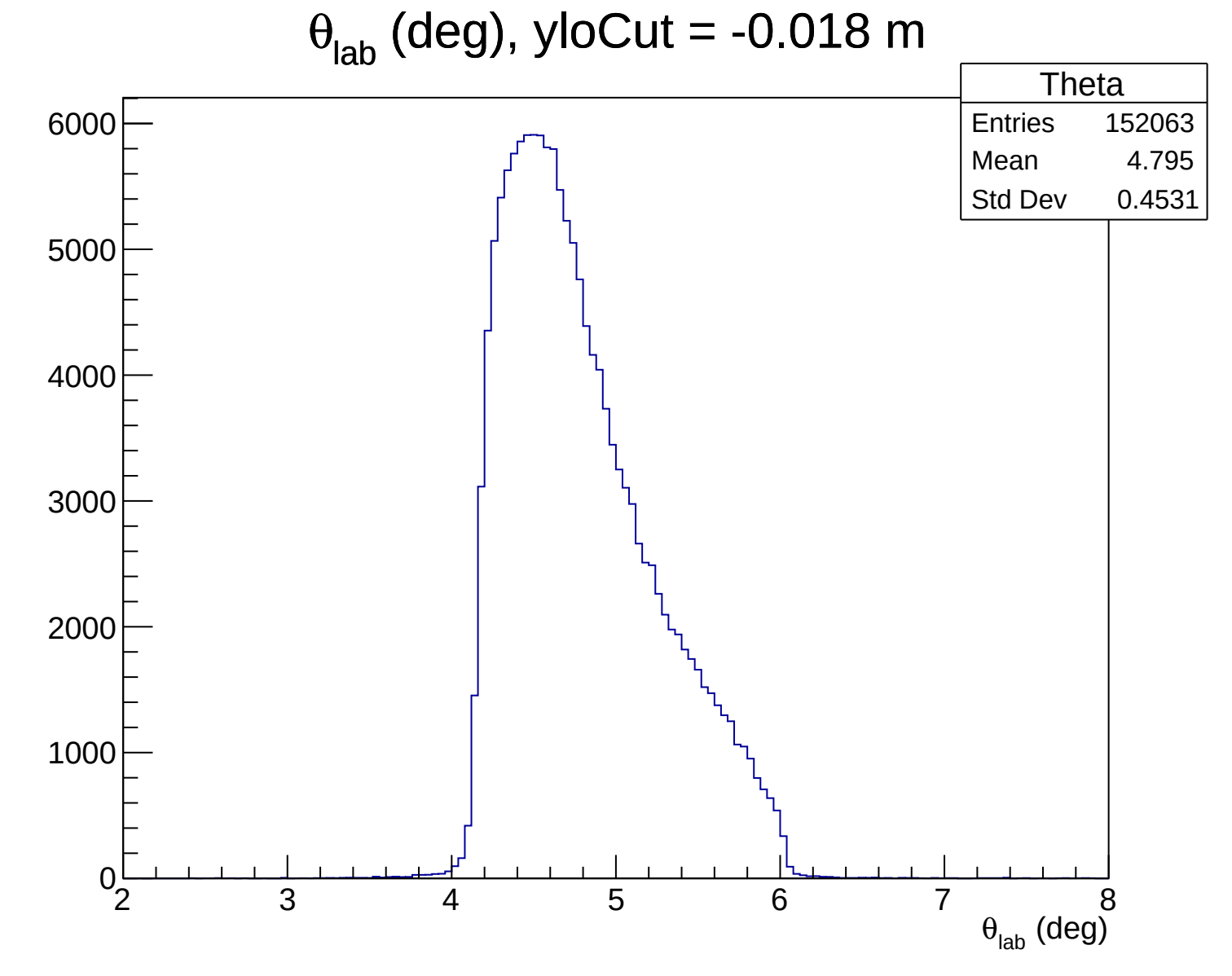

Sensitivity, yloCut = -0.016 m
sens
Entries 151851
Mean 0.02235
Std Dev 0.003884
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

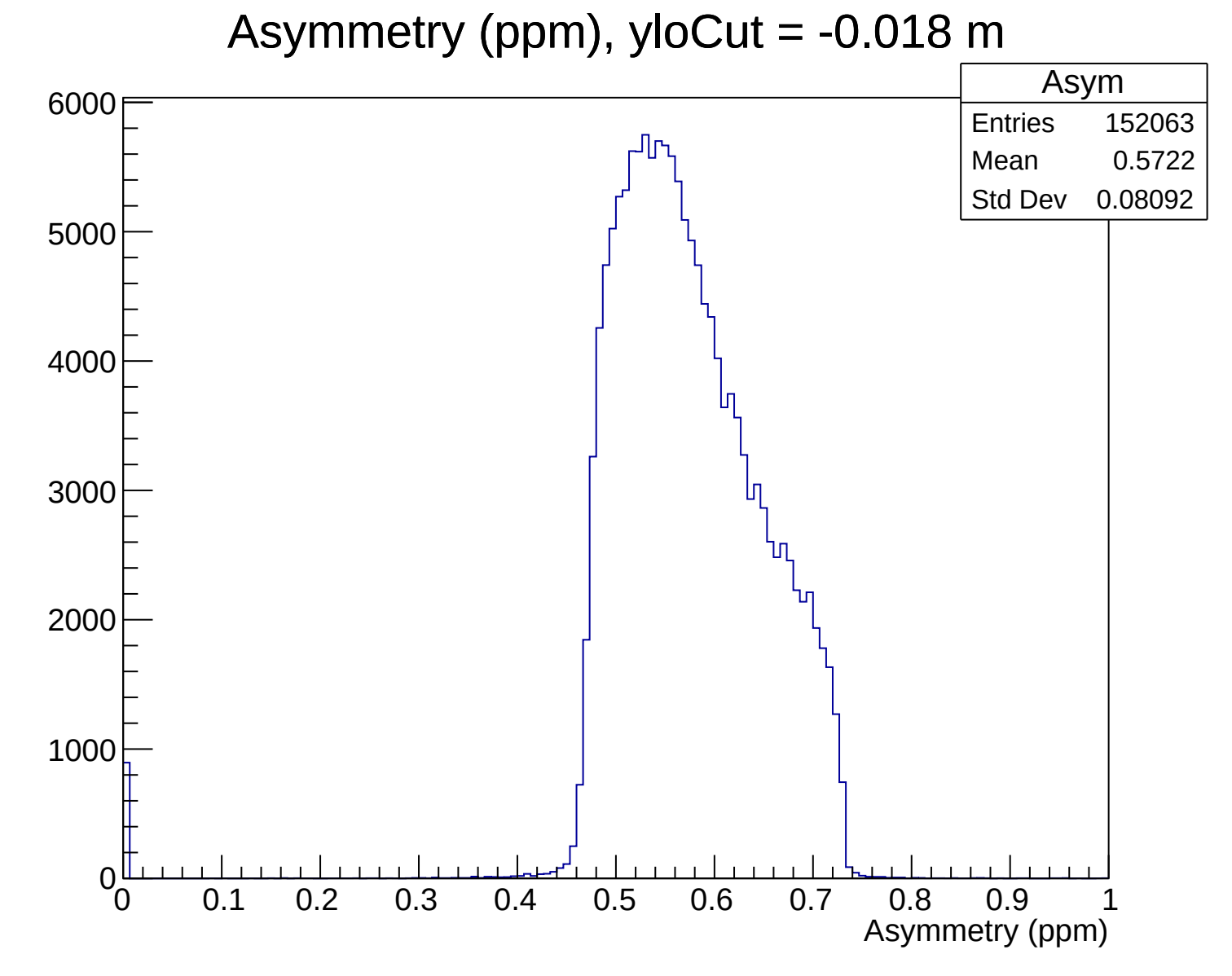

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

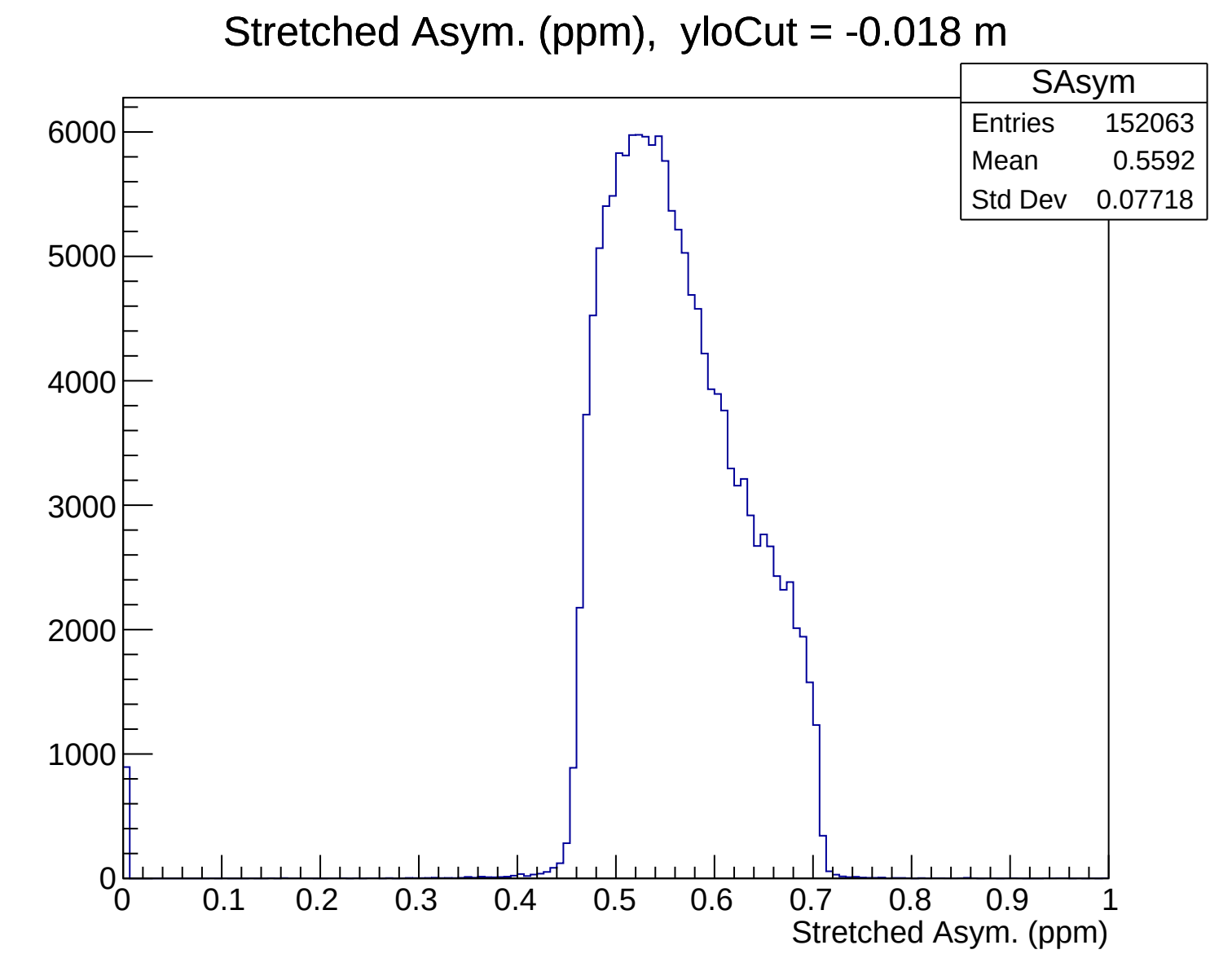

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.018
R.tr.y[0]+1.3*R.tr.ph[0] (m)

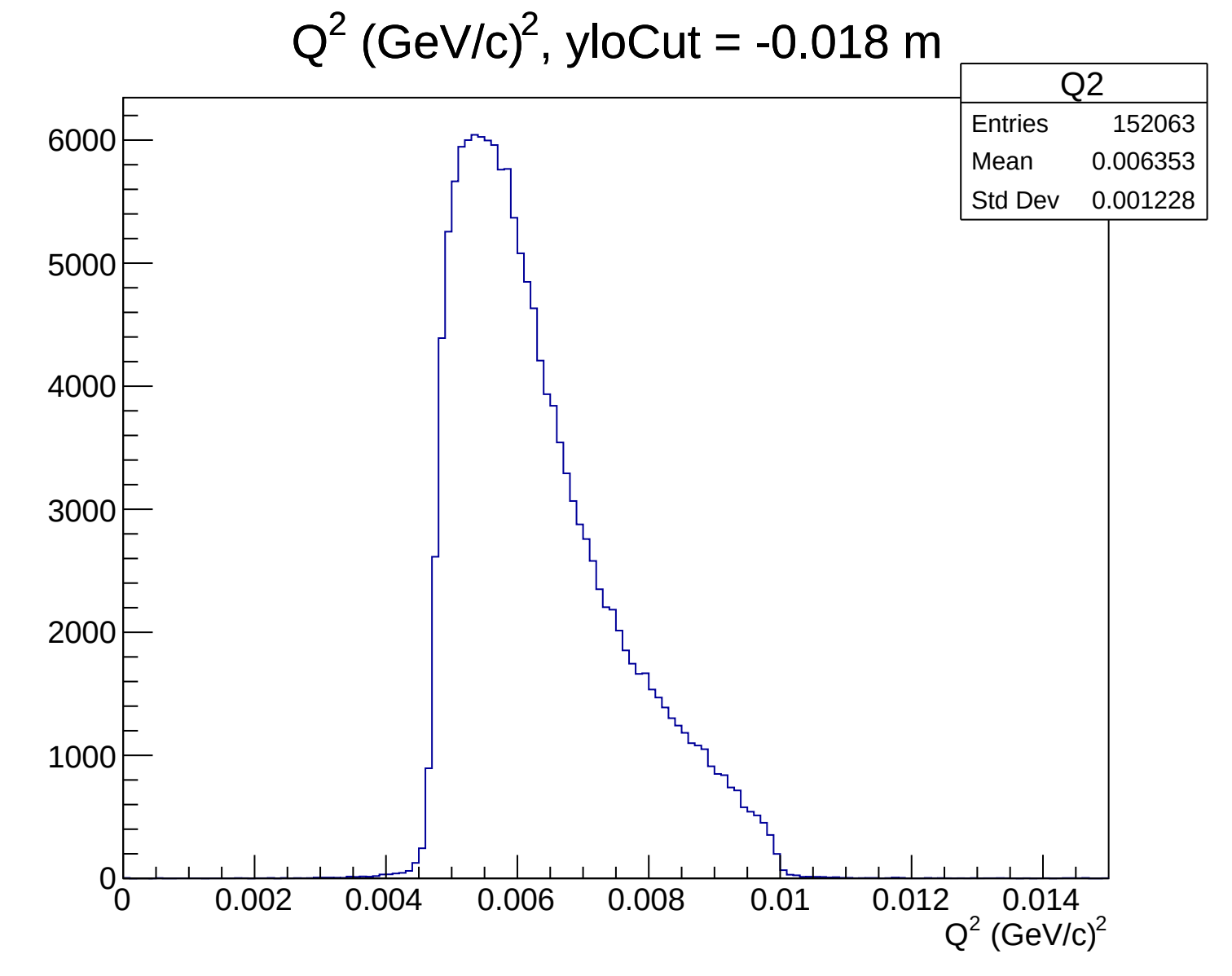

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

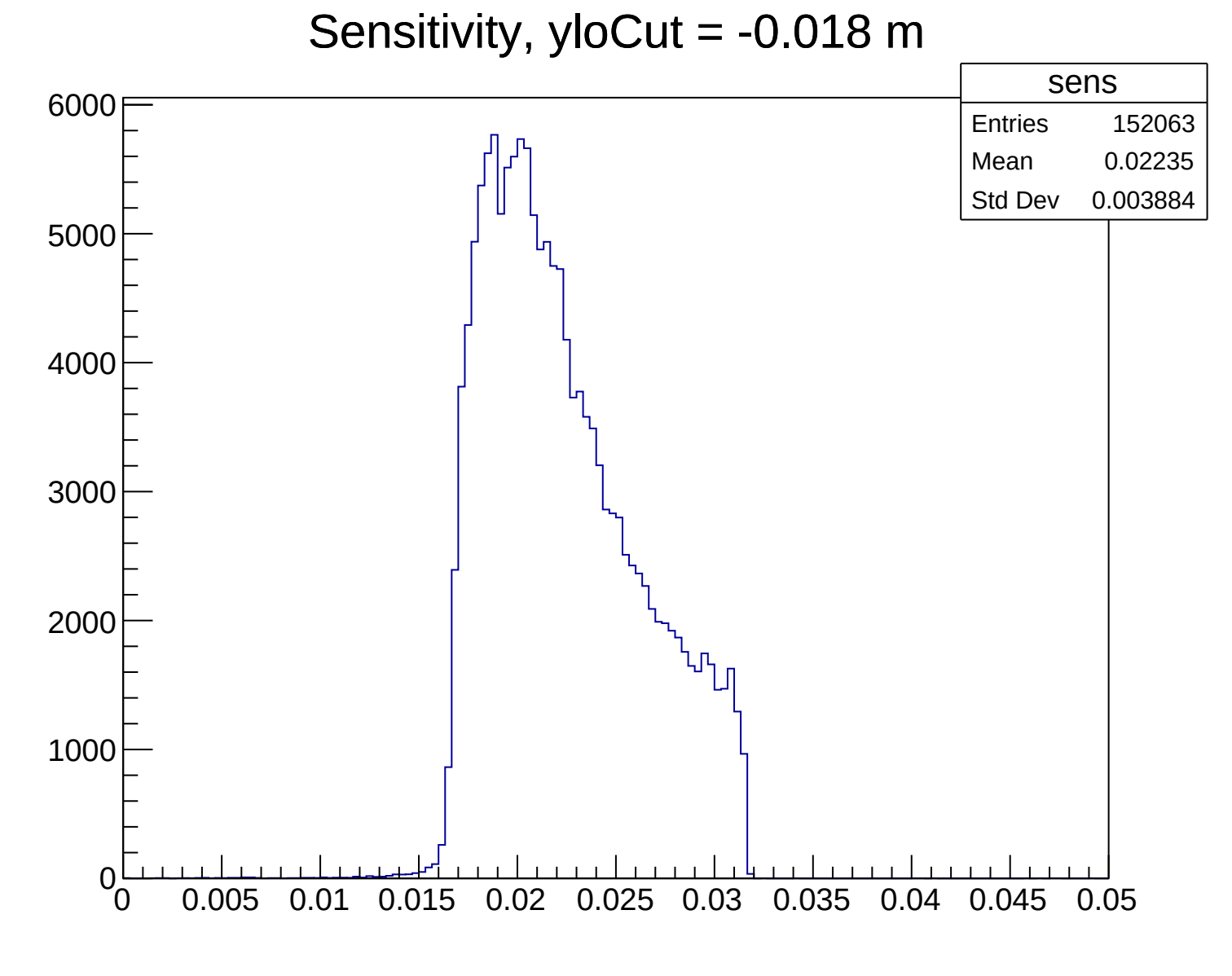

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

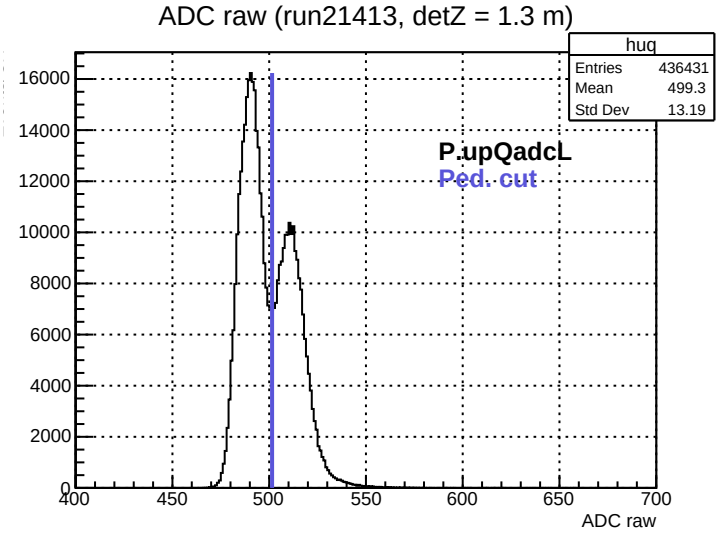

θlab (deg), yloCut = -0.018 m
Theta
Entries 152063
Mean 4.795
Std Dev 0.4531
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

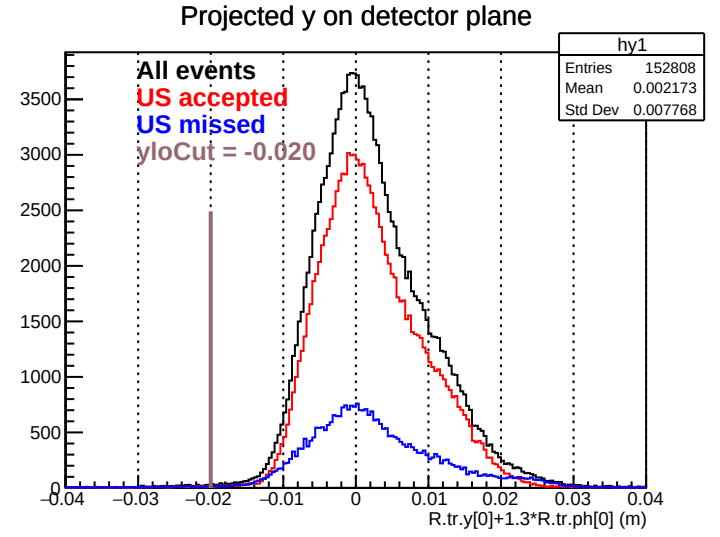

Asymmetry (ppm), yloCut = -0.018 m
Asym
Entries 152063
Mean 0.5722
Std Dev 0.08092
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Asymmetry (ppm)

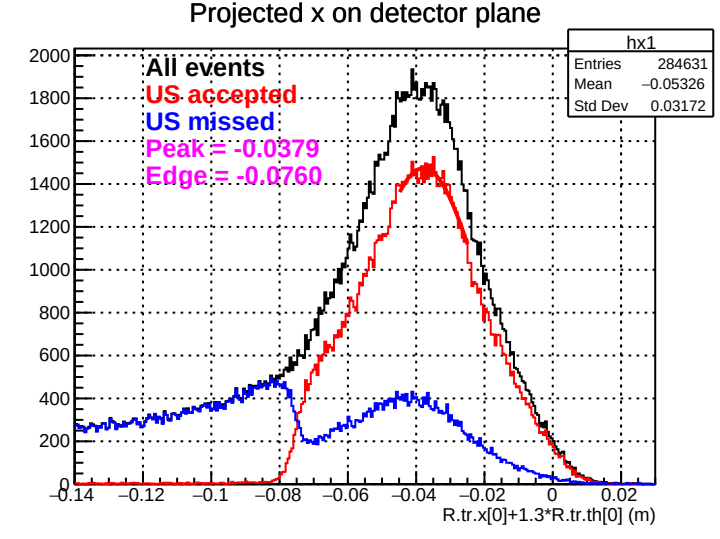

Stretched Asym. (ppm), yloCut = -0.018 m
SAsym
Entries 152063
Mean 0.5592
Std Dev 0.07718
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

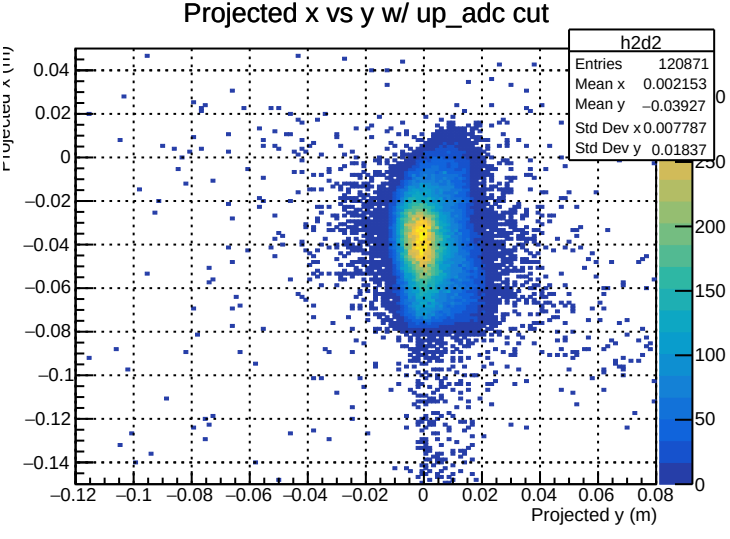

Q^2 (GeV/c)^2, yloCut = -0.018 m
Q2
Entries 152063
Mean 0.006353
Std Dev 0.001228
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

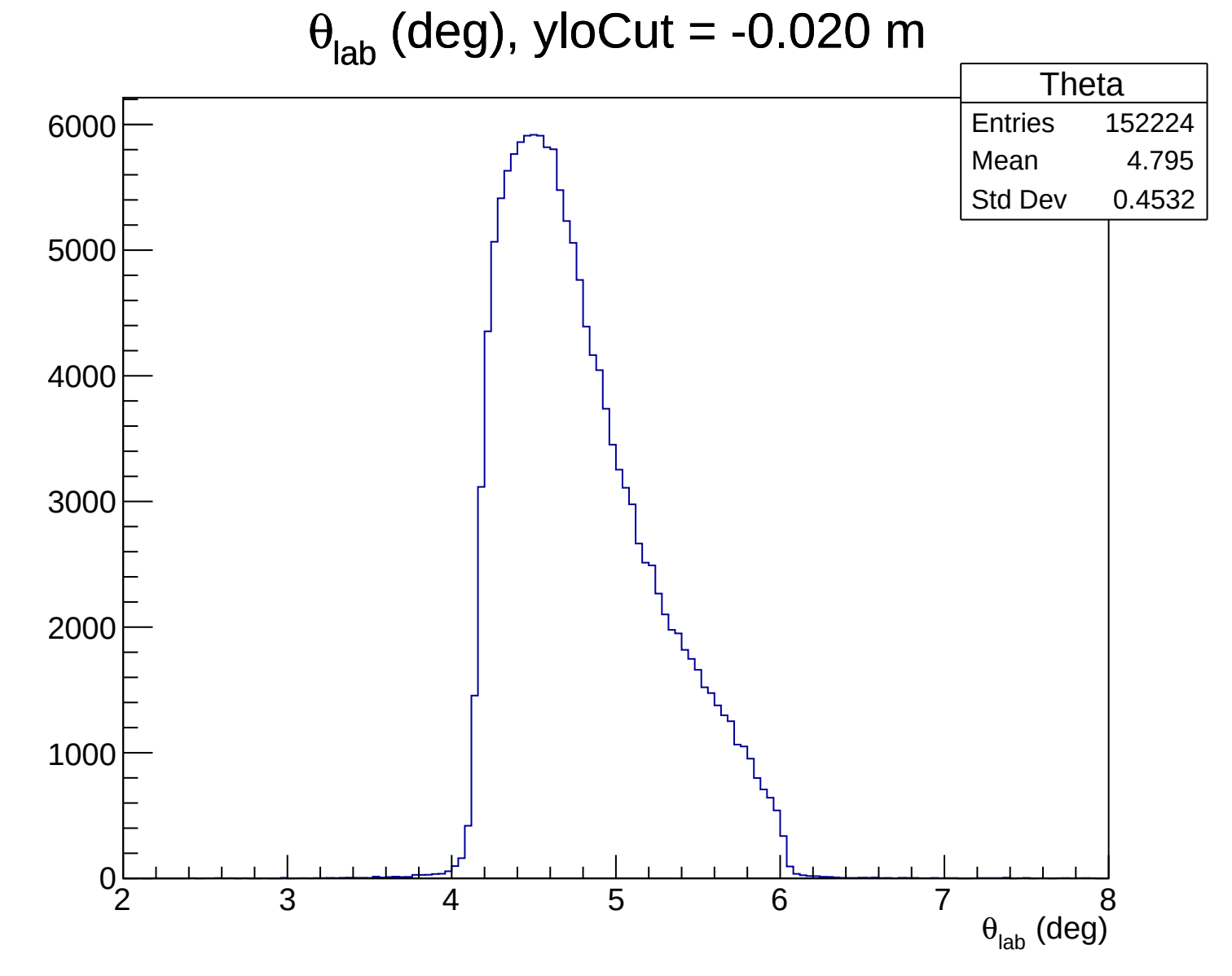

Sensitivity, yloCut = -0.018 m
sens
Entries 152063
Mean 0.02235
Std Dev 0.003884
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

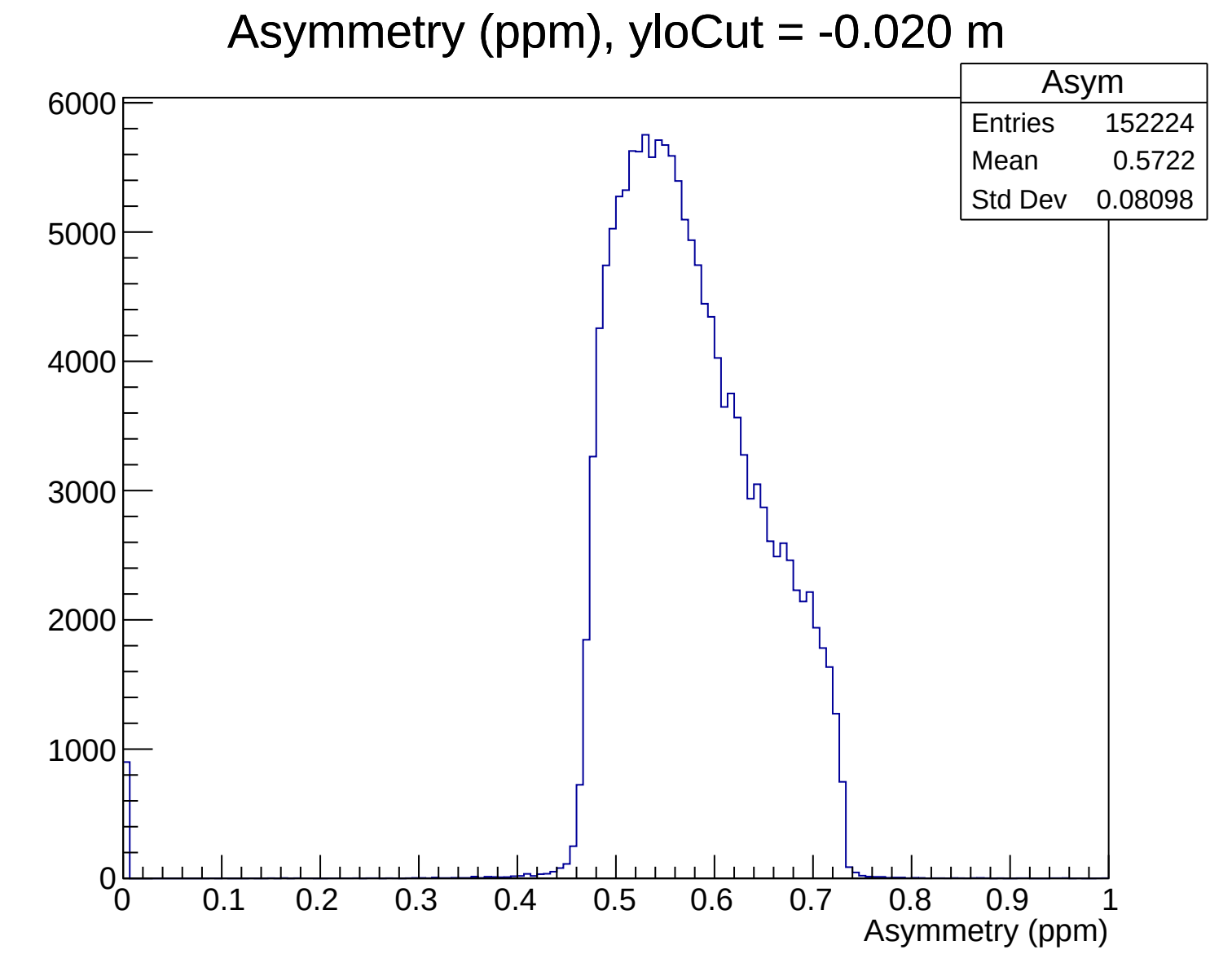

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

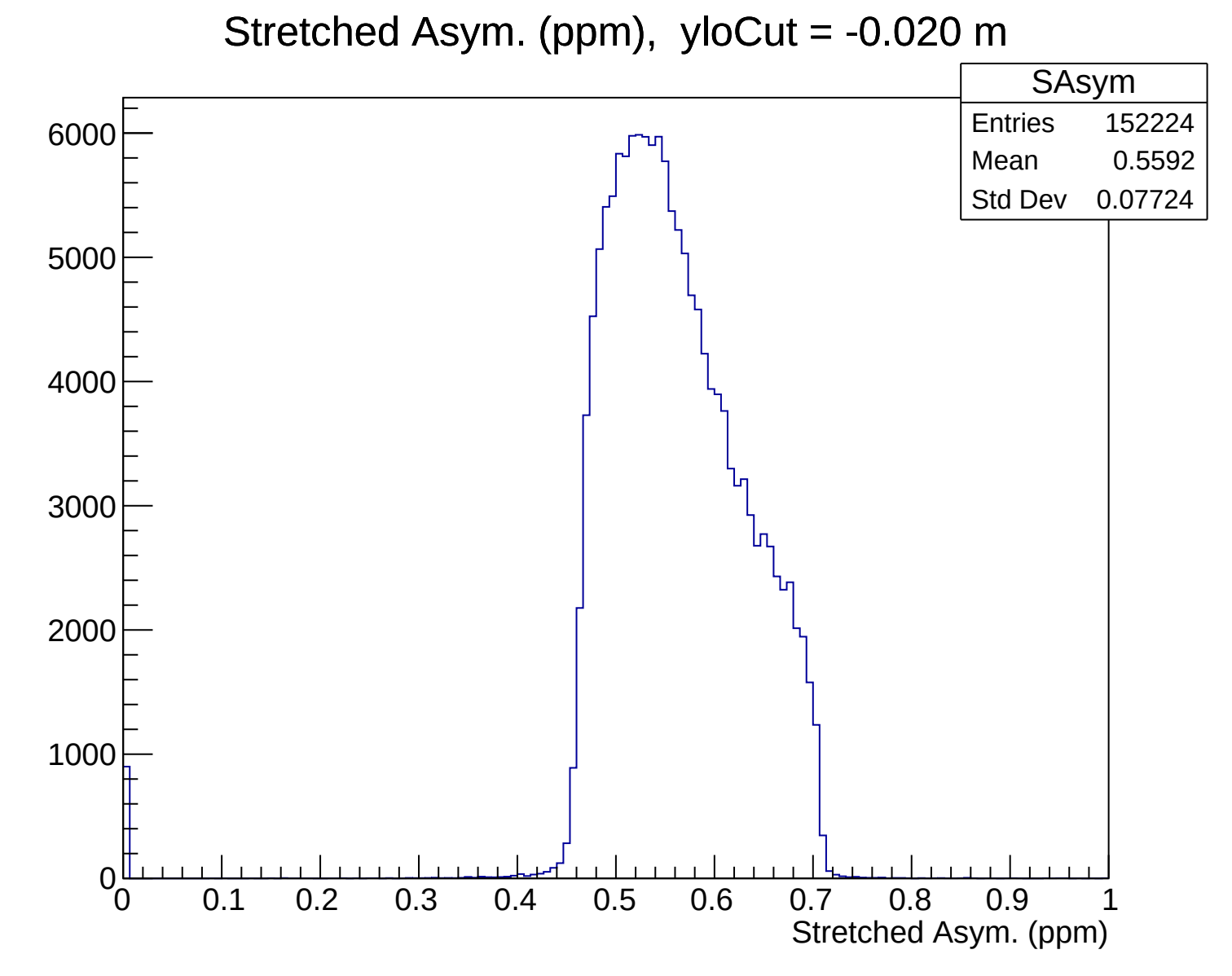

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.020
R.tr.y[0]+1.3*R.tr.ph[0] (m)

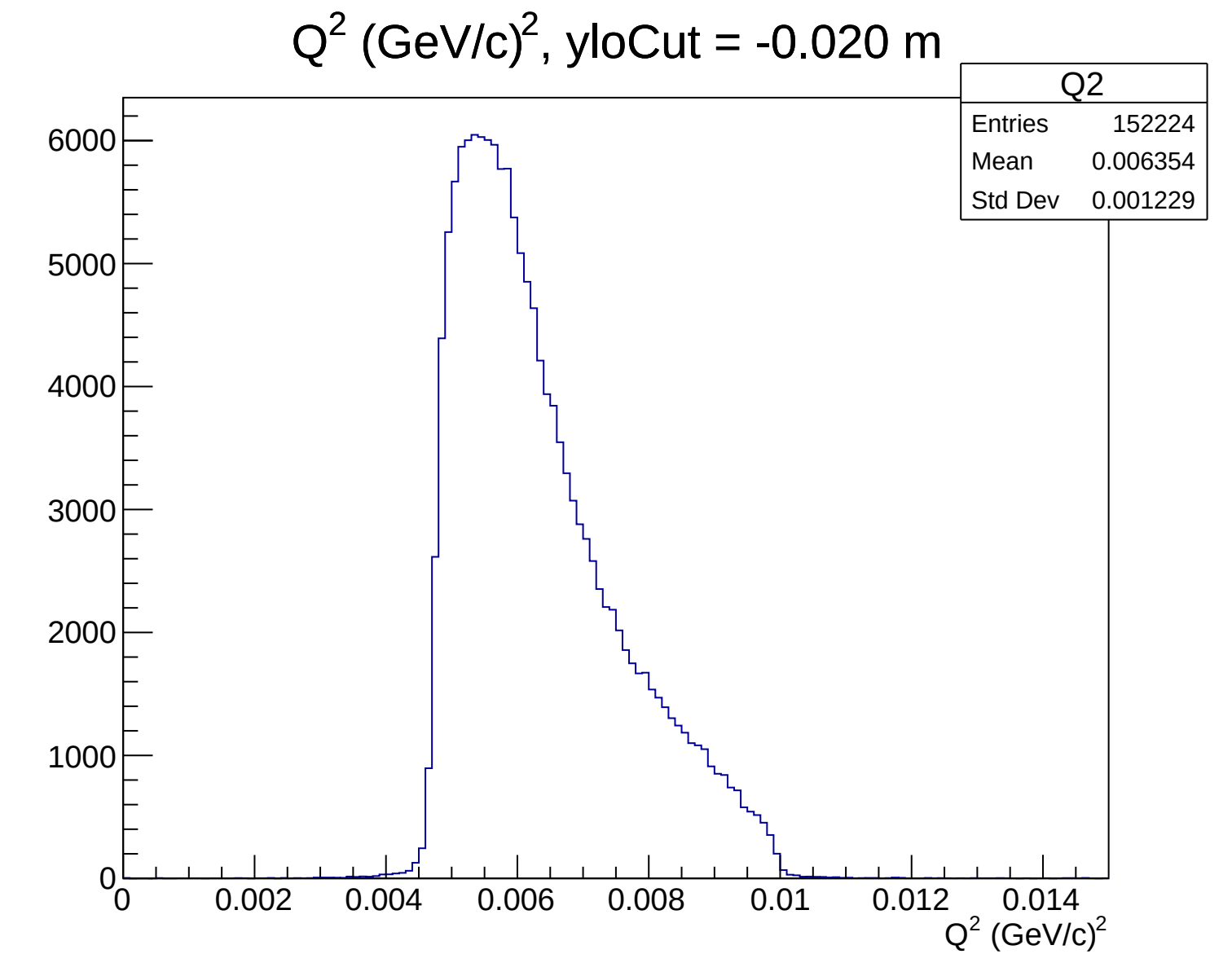

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

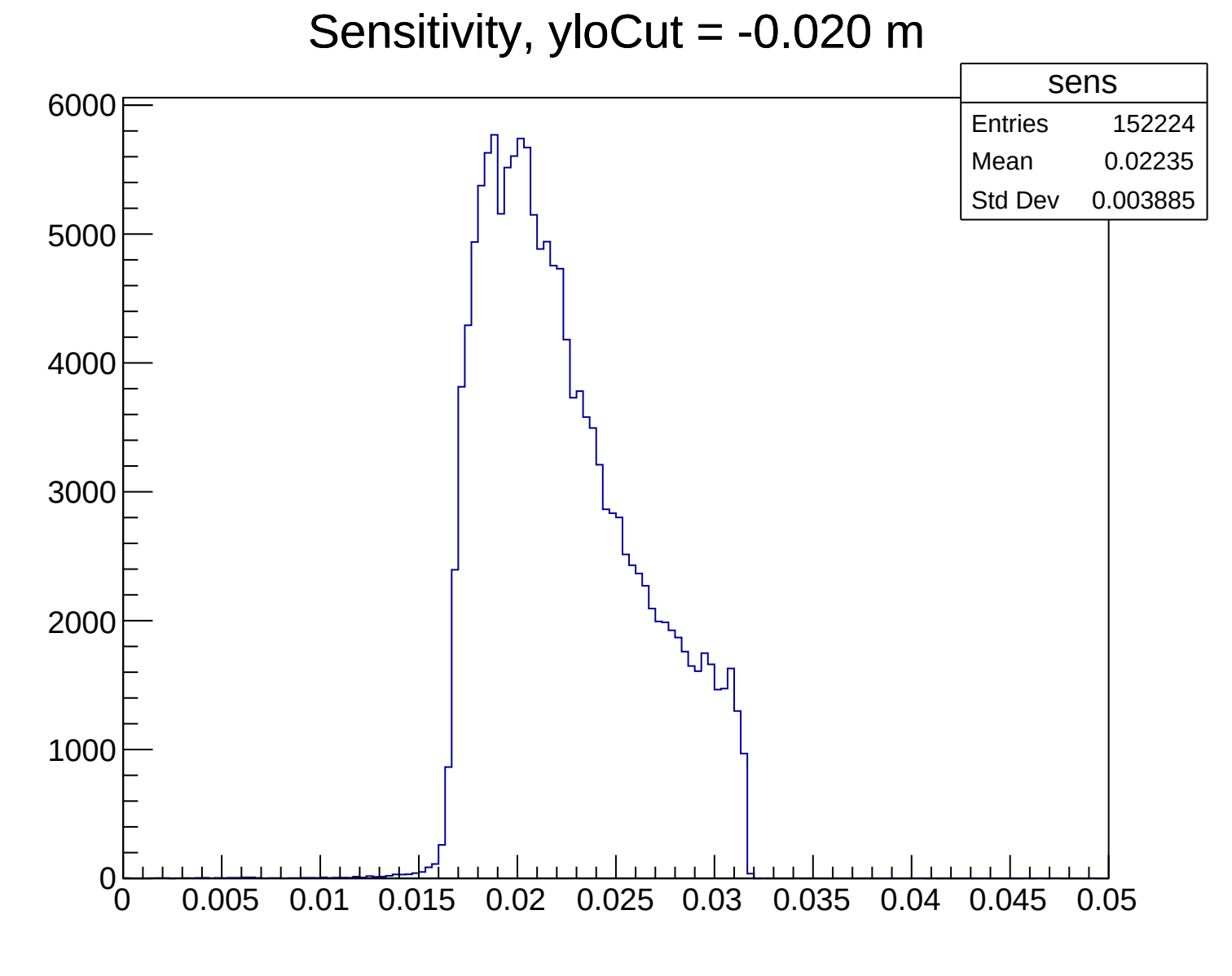

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

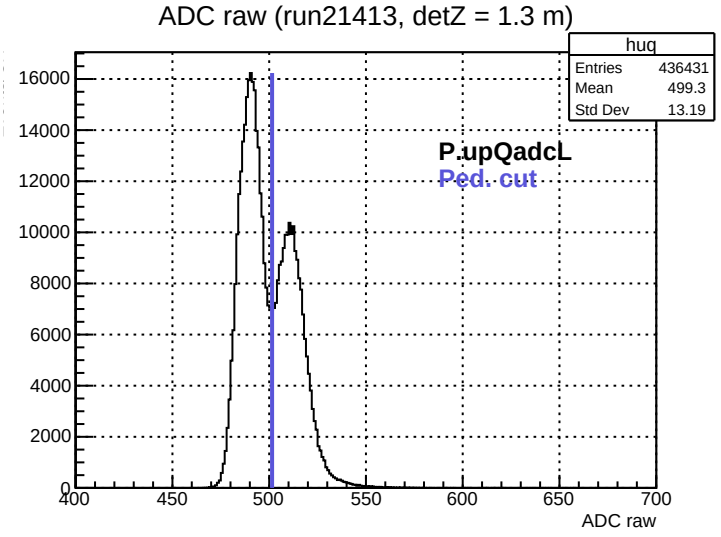

θlab (deg), yloCut = -0.020 m
Theta
Entries 152224
Mean 4.795
Std Dev 0.4532
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

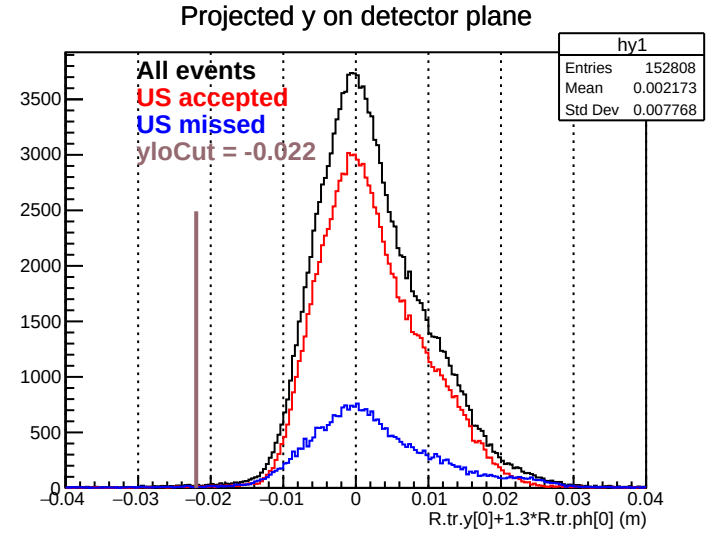

Asymmetry (ppm), yloCut = -0.020 m
Asym
Entries 152224
Mean 0.5722
Std Dev 0.08098
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Asymmetry (ppm)

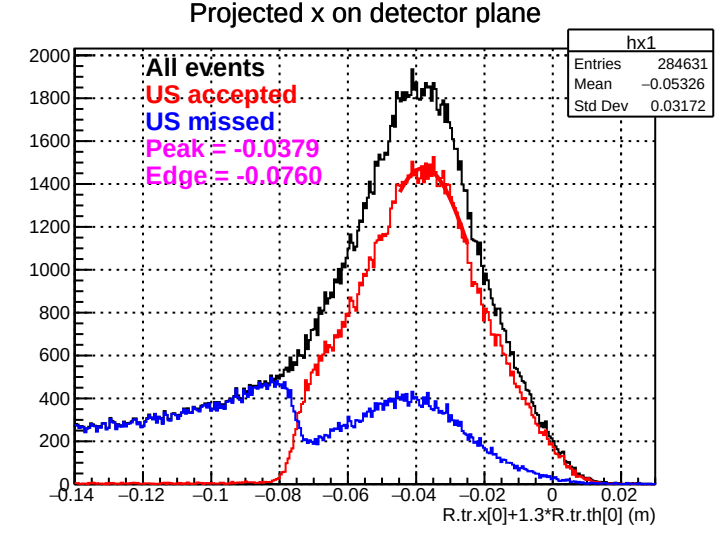

Stretched Asym. (ppm), yloCut = -0.020 m
SAsym
Entries 152224
Mean 0.5592
Std Dev 0.07724
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

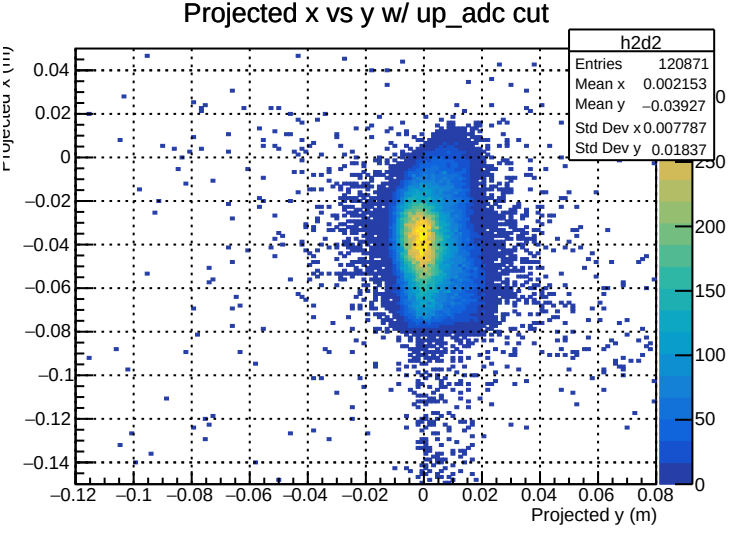

Q^2 (GeV/c)^2, yloCut = -0.020 m
Q2
Entries 152224
Mean 0.006354
Std Dev 0.001229
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

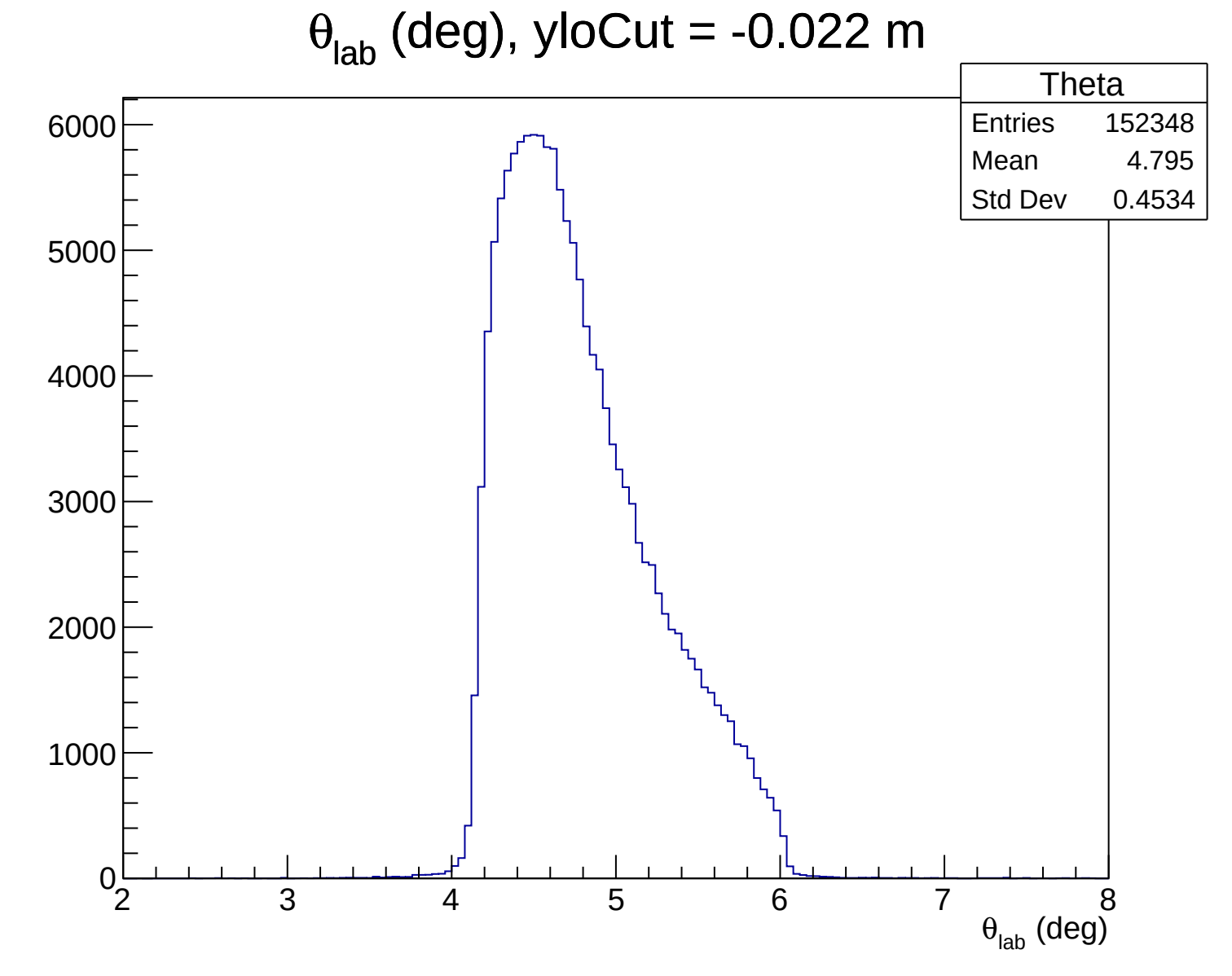

Sensitivity, yloCut = -0.020 m
sens
Entries 152224
Mean 0.02235
Std Dev 0.003885
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

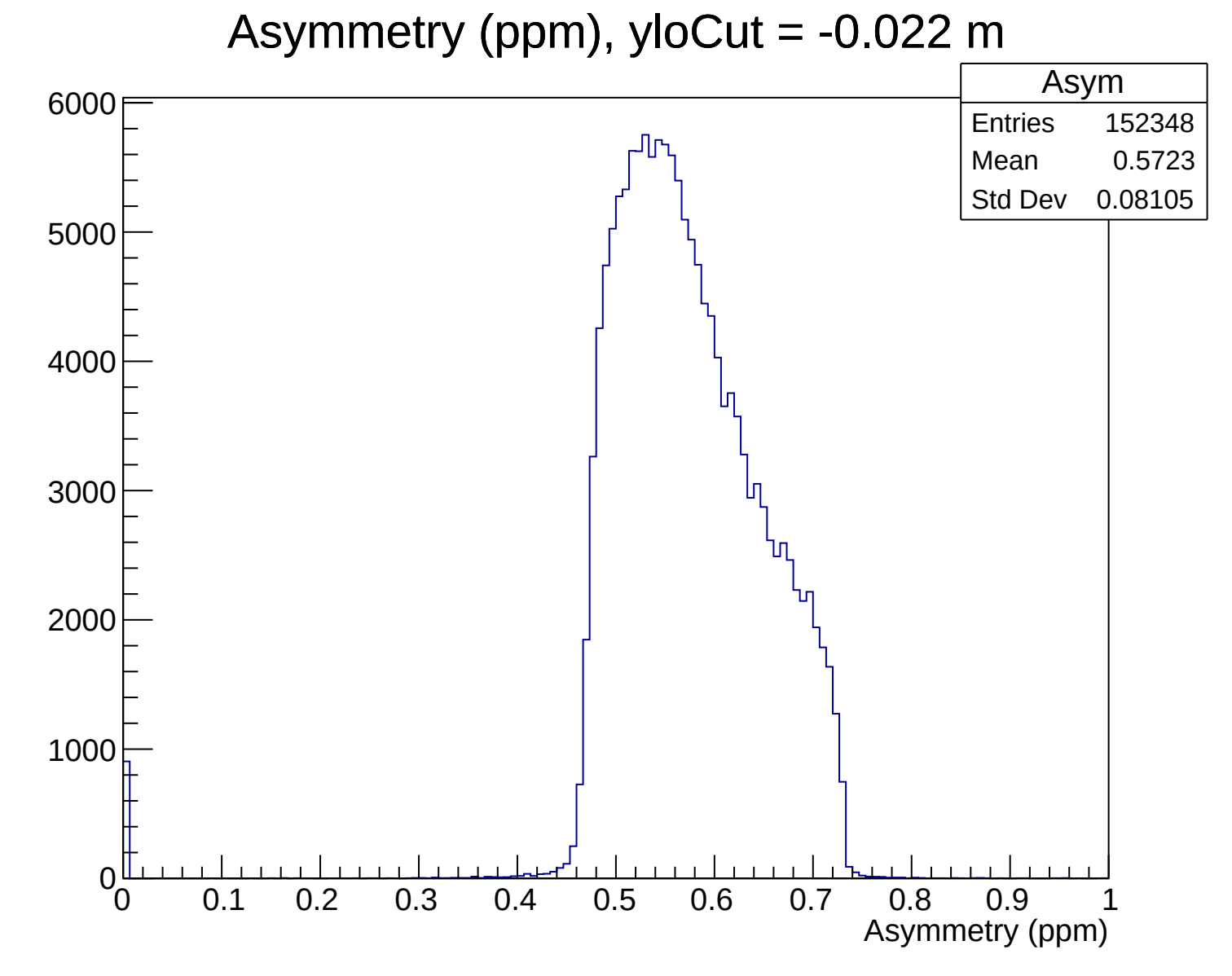

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

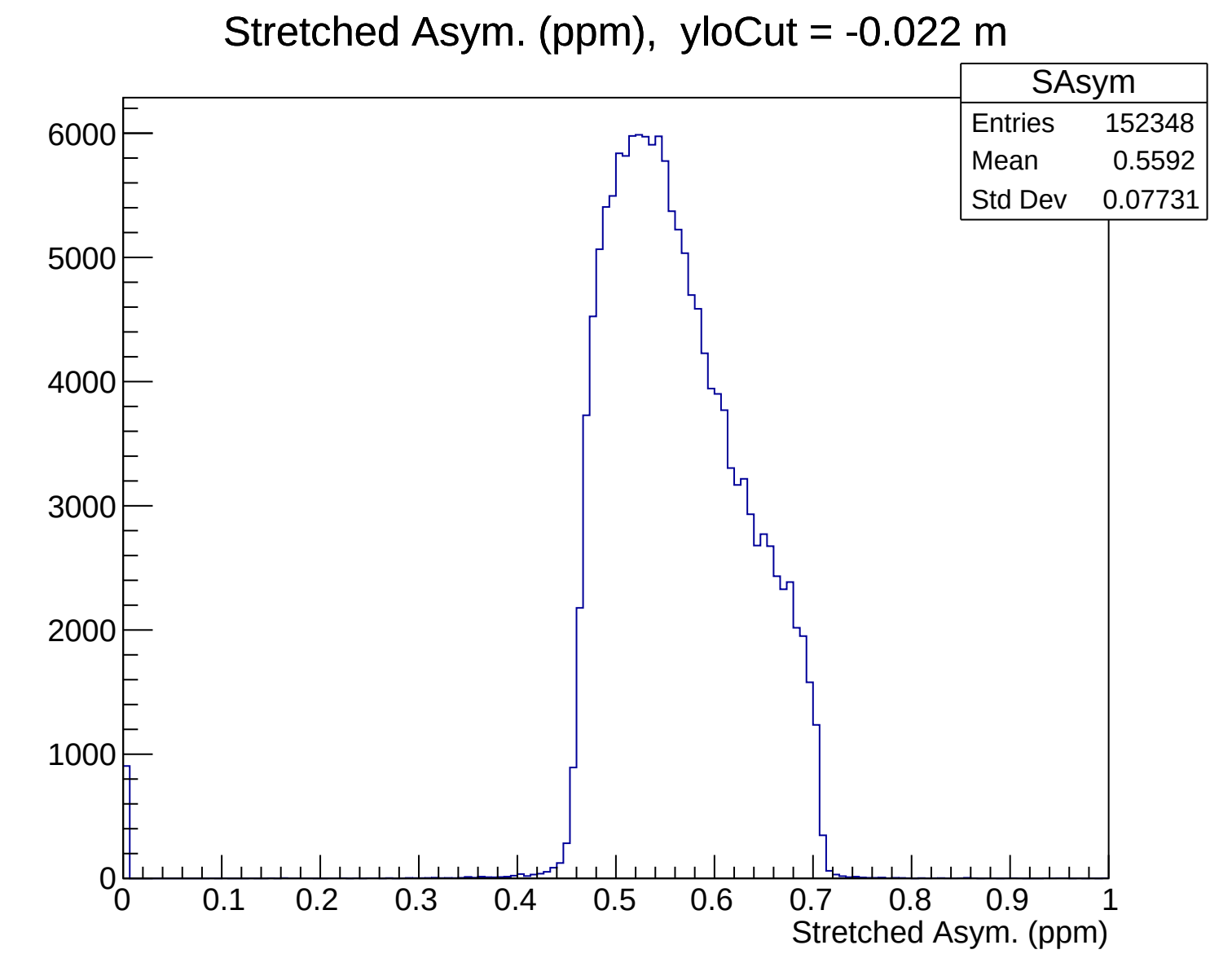

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.022
R.tr.y[0]+1.3*R.tr.ph[0] (m)

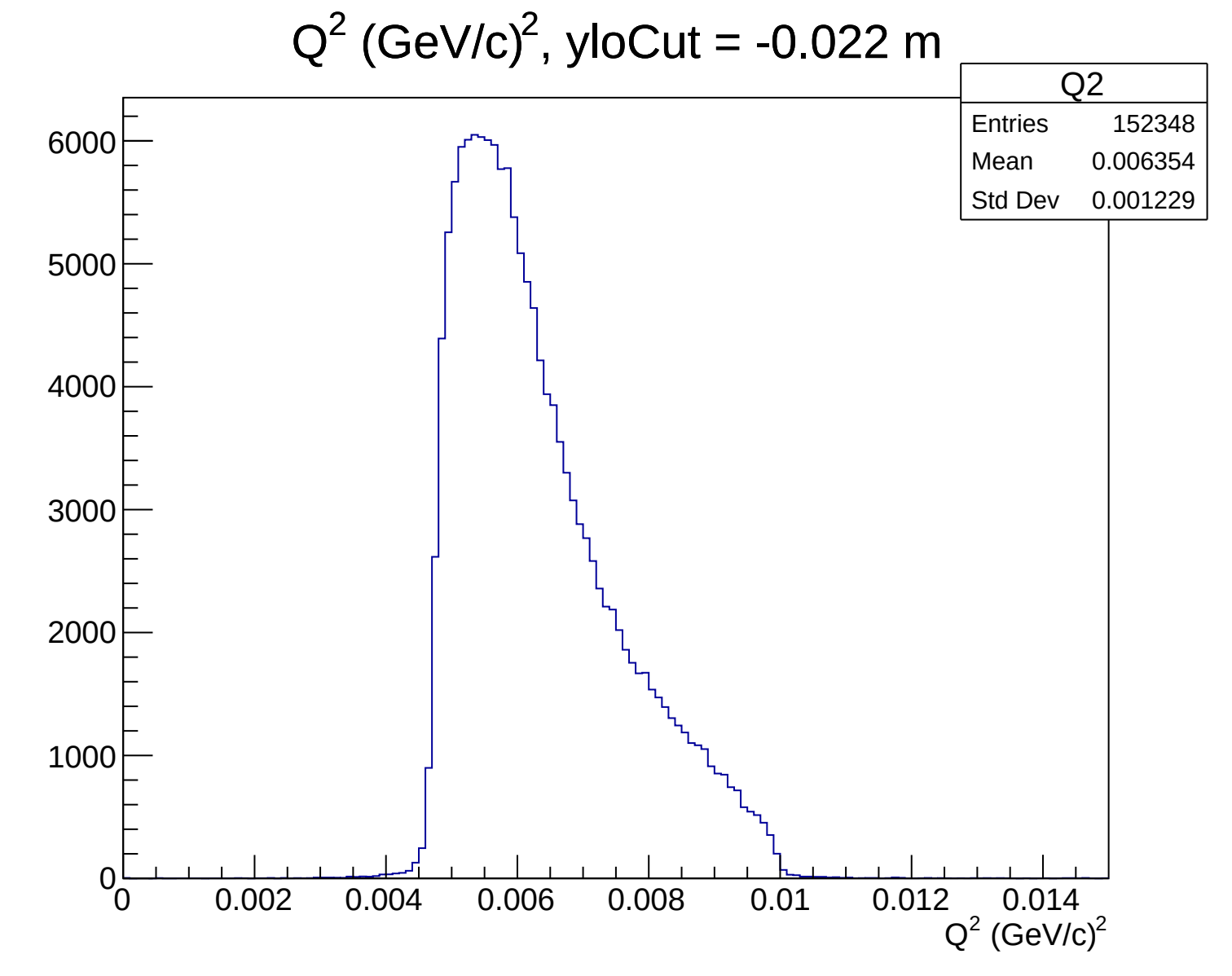

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

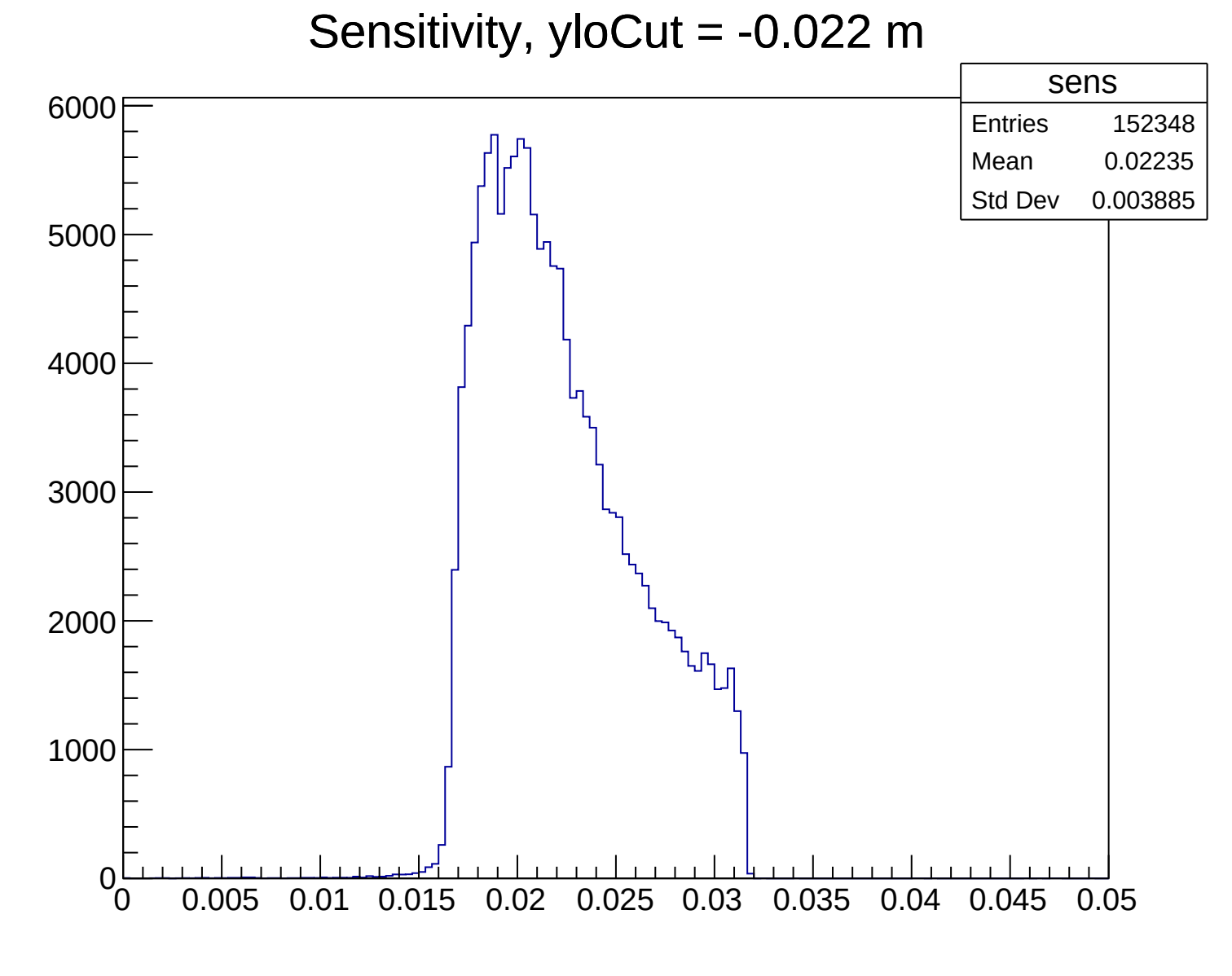

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

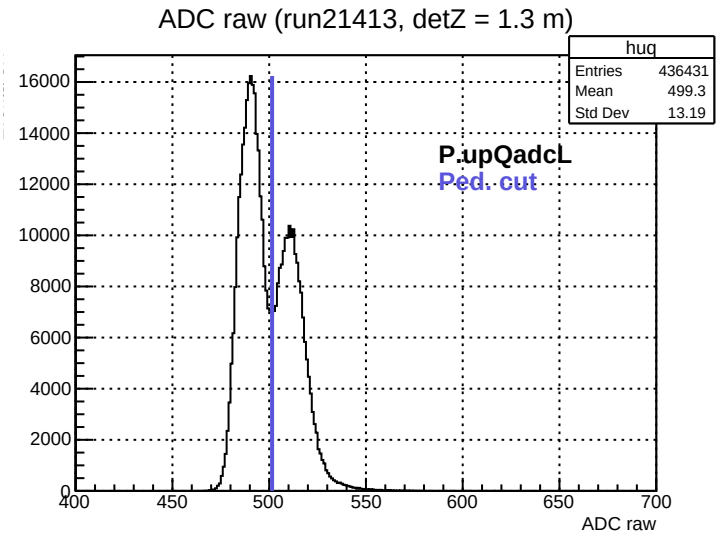

θlab (deg), yloCut = -0.022 m
Theta
Entries 152348
Mean 4.795
Std Dev 0.4534
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

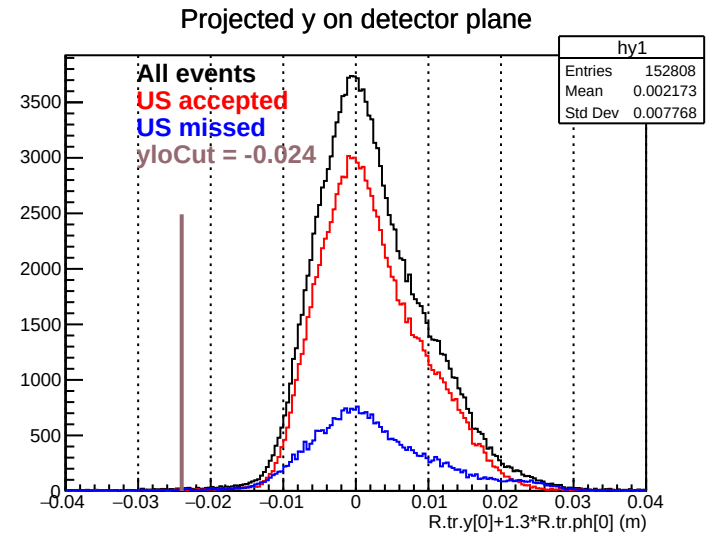

Asymmetry (ppm), yloCut = -0.022 m
Asym
Entries 152348
Mean 0.5723
Std Dev 0.08105
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

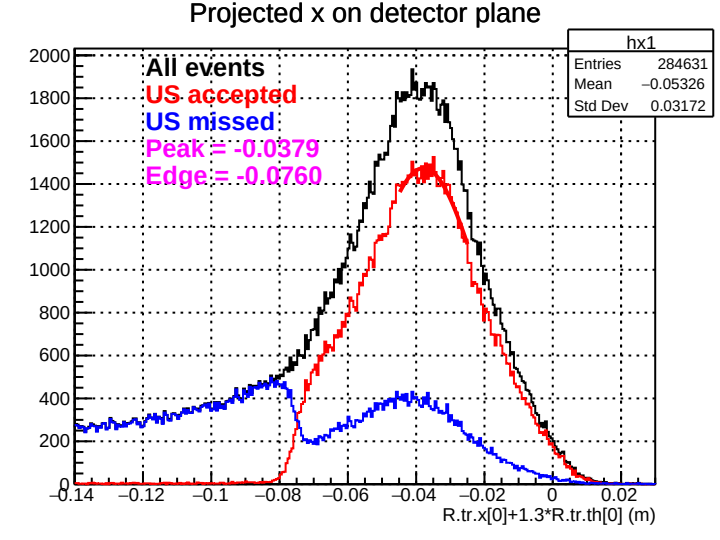

Stretched Asym. (ppm), yloCut = -0.022 m
SAsym
Entries 152348
Mean 0.5592
Std Dev 0.07731
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

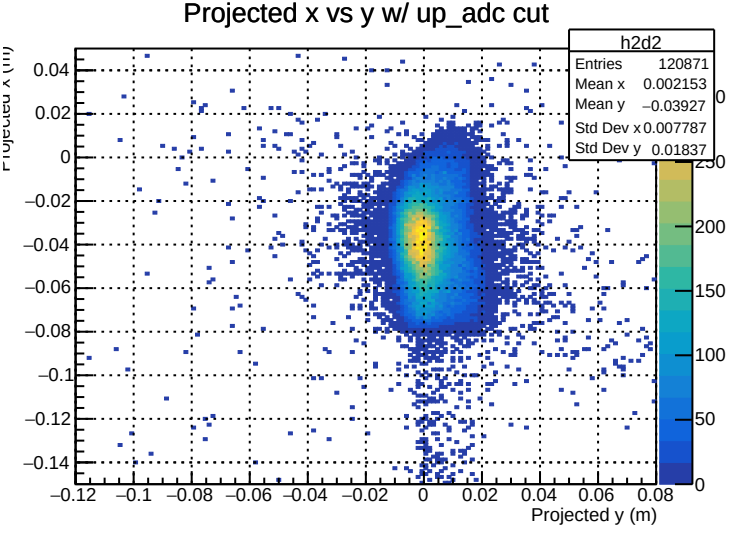

Q^2 (GeV/c)^2, yloCut = -0.022 m
Q2
Entries 152348
Mean 0.006354
Std Dev 0.001229
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

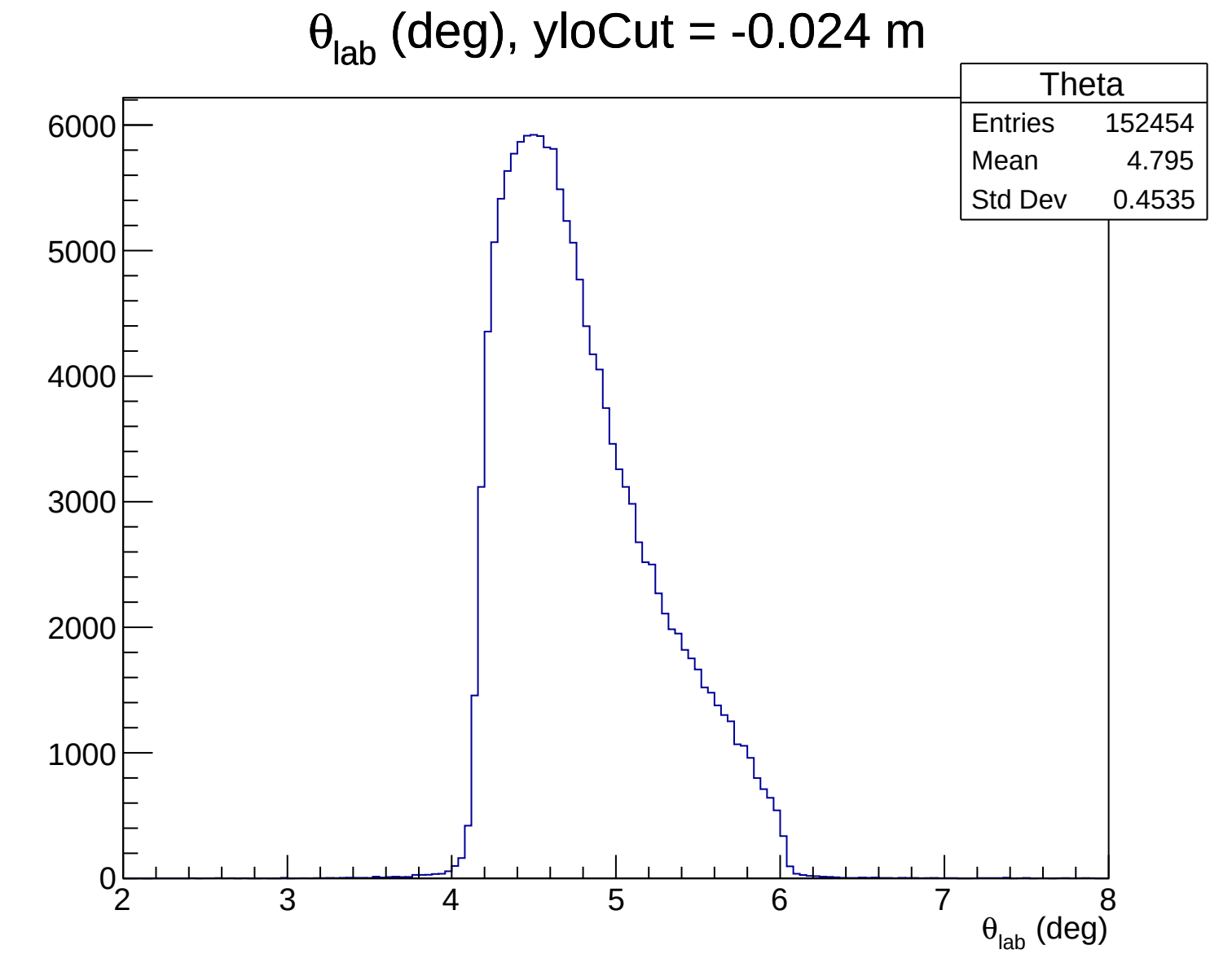

Sensitivity, yloCut = -0.022 m
sens
Entries 152348
Mean 0.02235
Std Dev 0.003885
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

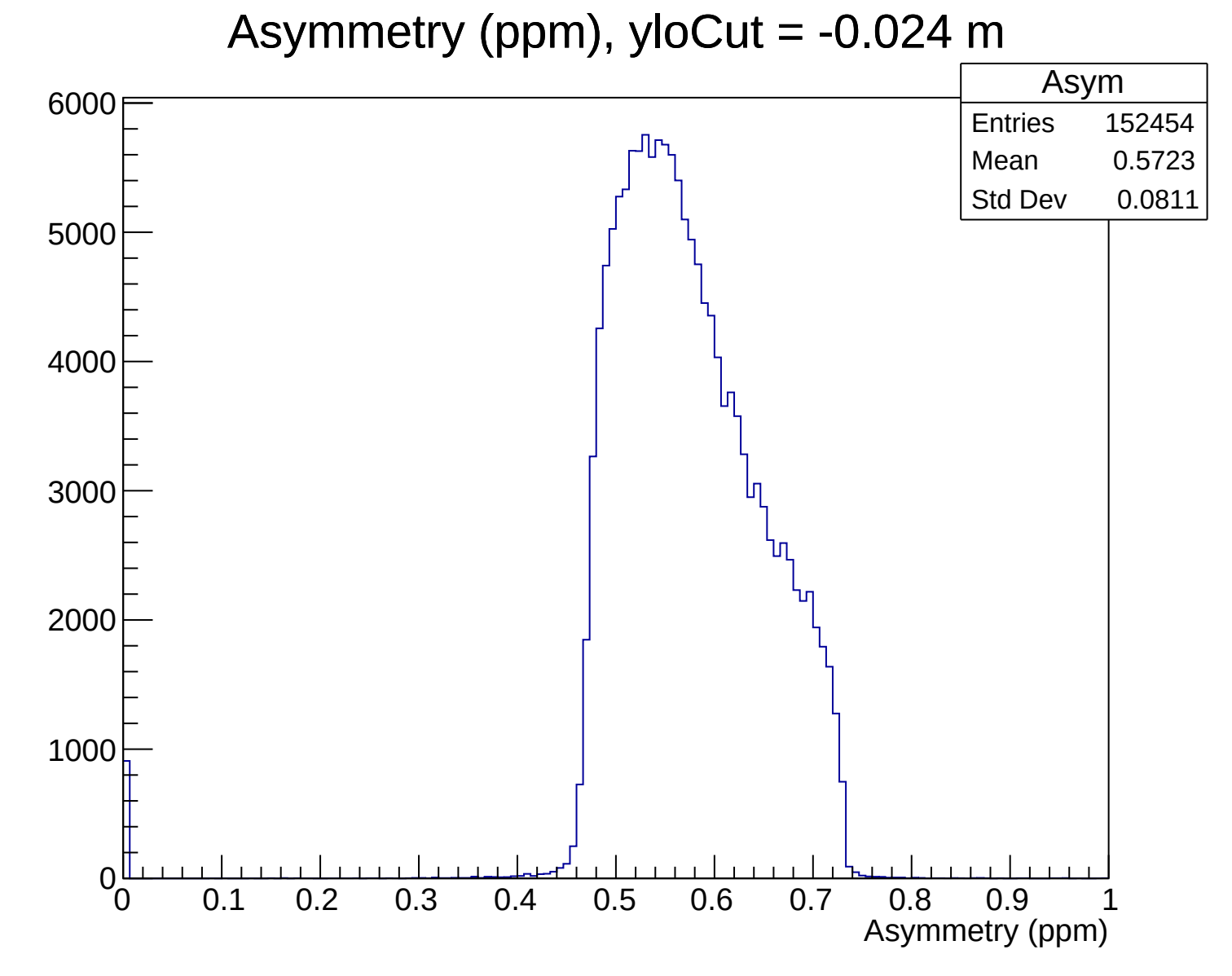

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

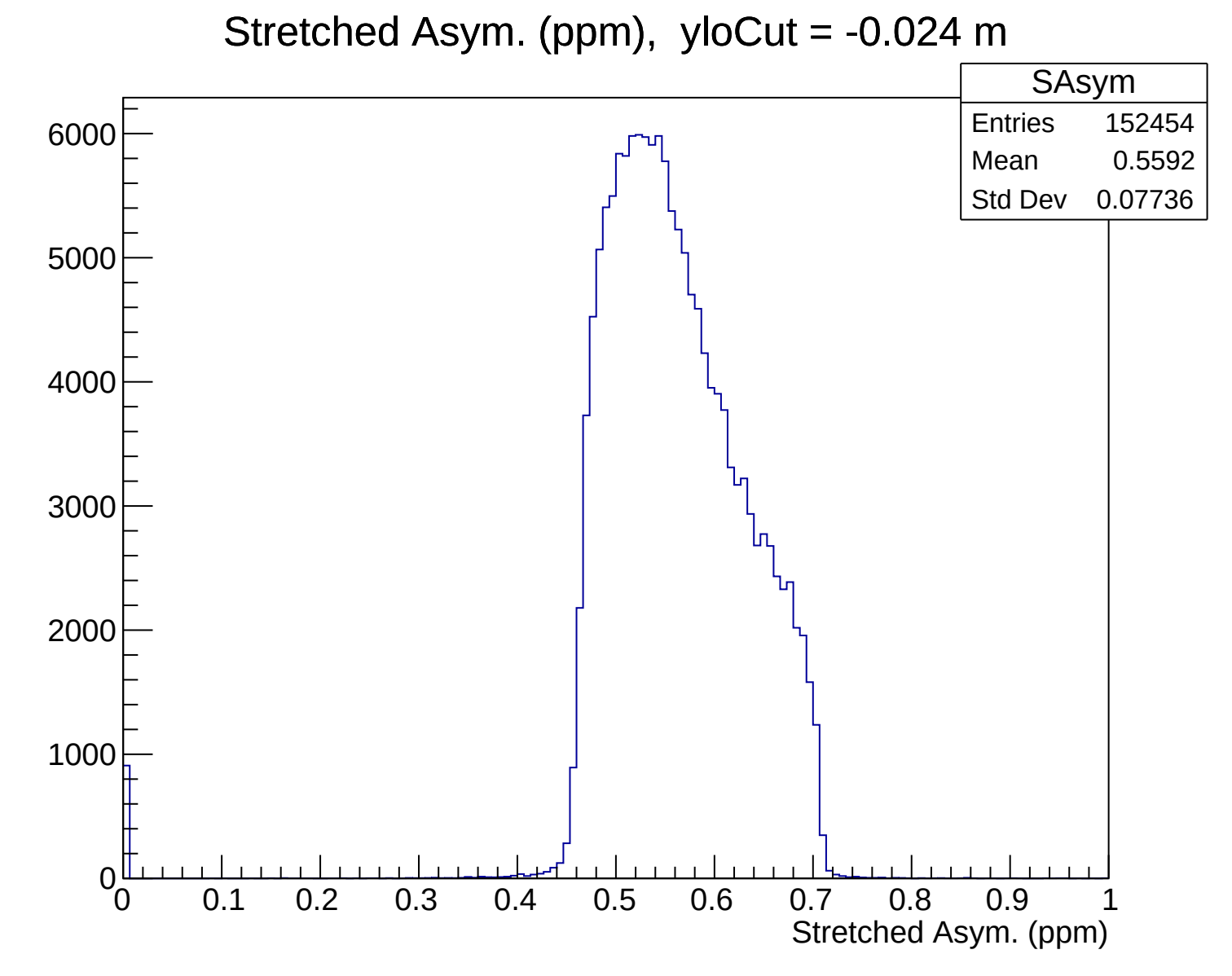

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.024
R.tr.y[0]+1.3*R.tr.ph[0] (m)

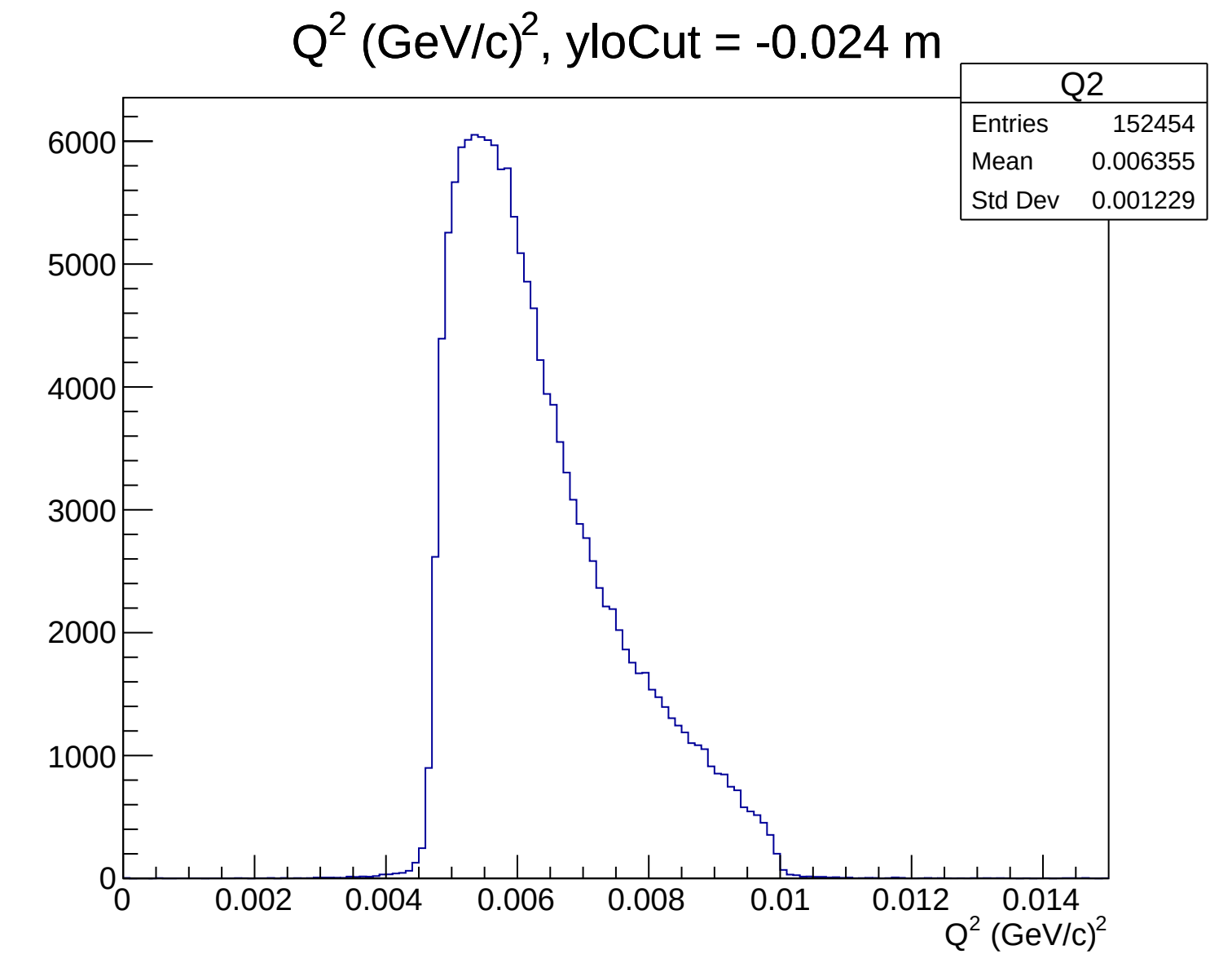

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

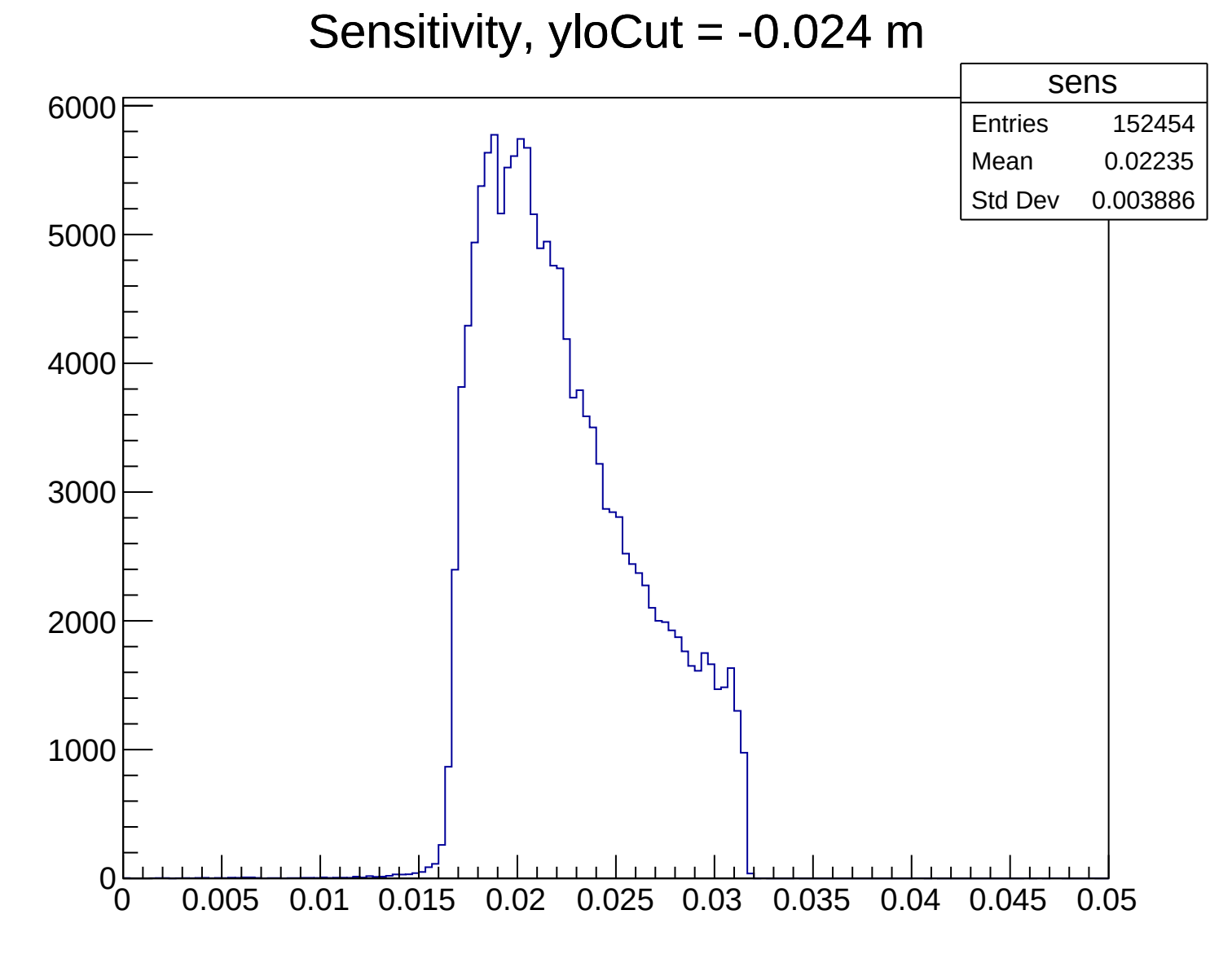

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

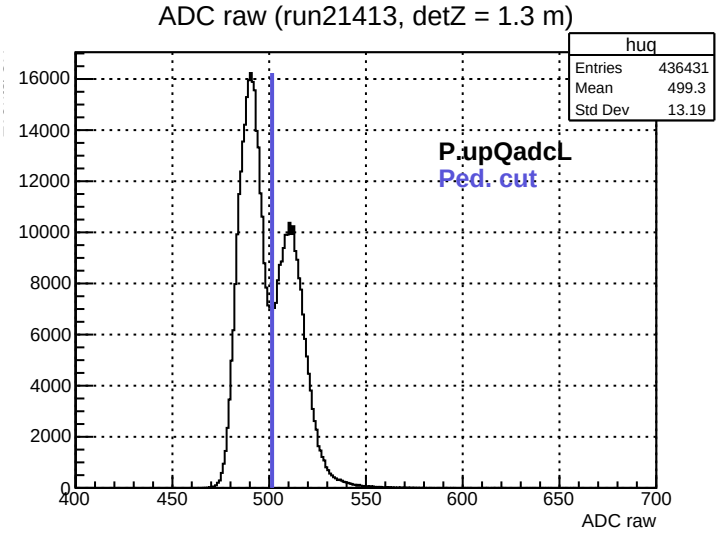

θlab (deg), yloCut = -0.024 m
Theta
Entries 152454
Mean 4.795
Std Dev 0.4535
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

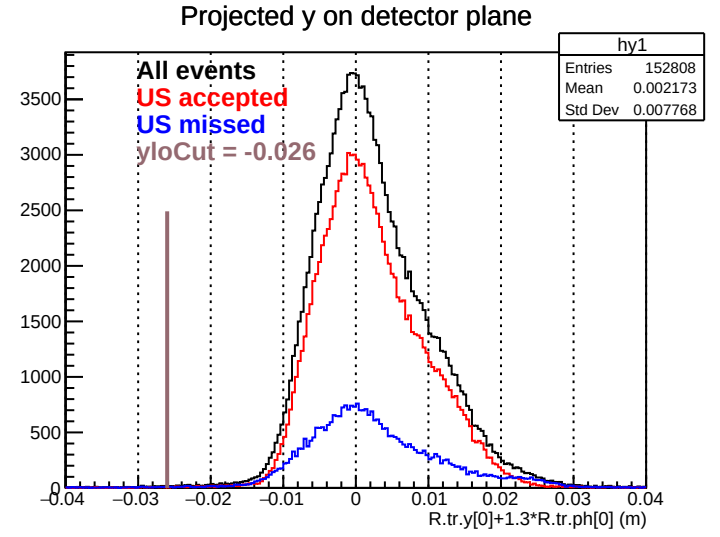

Asymmetry (ppm), yloCut = -0.024 m
Asym
Entries 152454
Mean 0.5723
Std Dev 0.0811
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

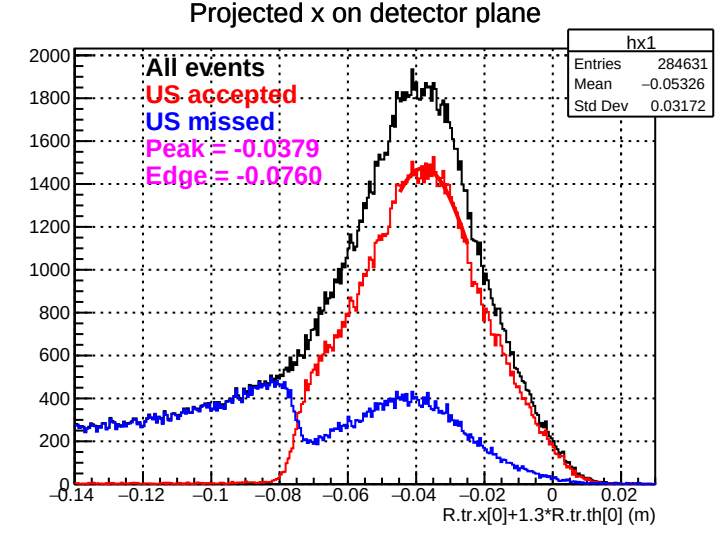

Stretched Asym. (ppm), yloCut = -0.024 m
SAsym
Entries 152454
Mean 0.5592
Std Dev 0.07736
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

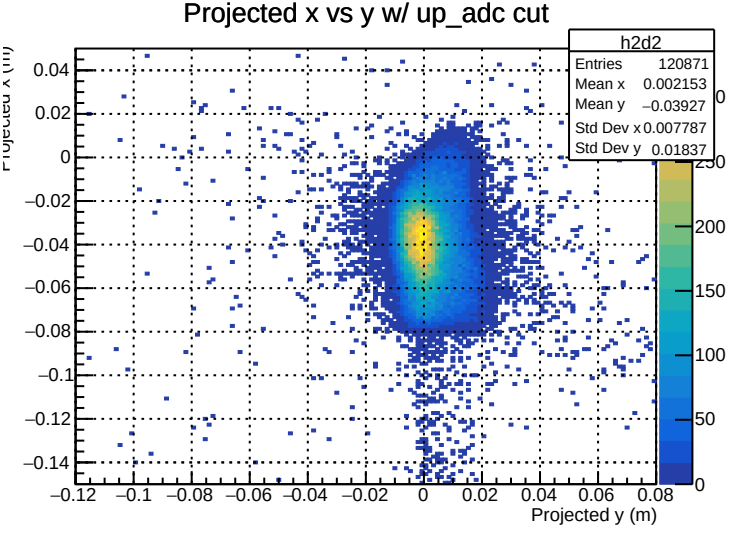

Q^2 (GeV/c)^2, yloCut = -0.024 m
Q2
Entries 152454
Mean 0.006355
Std Dev 0.001229
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

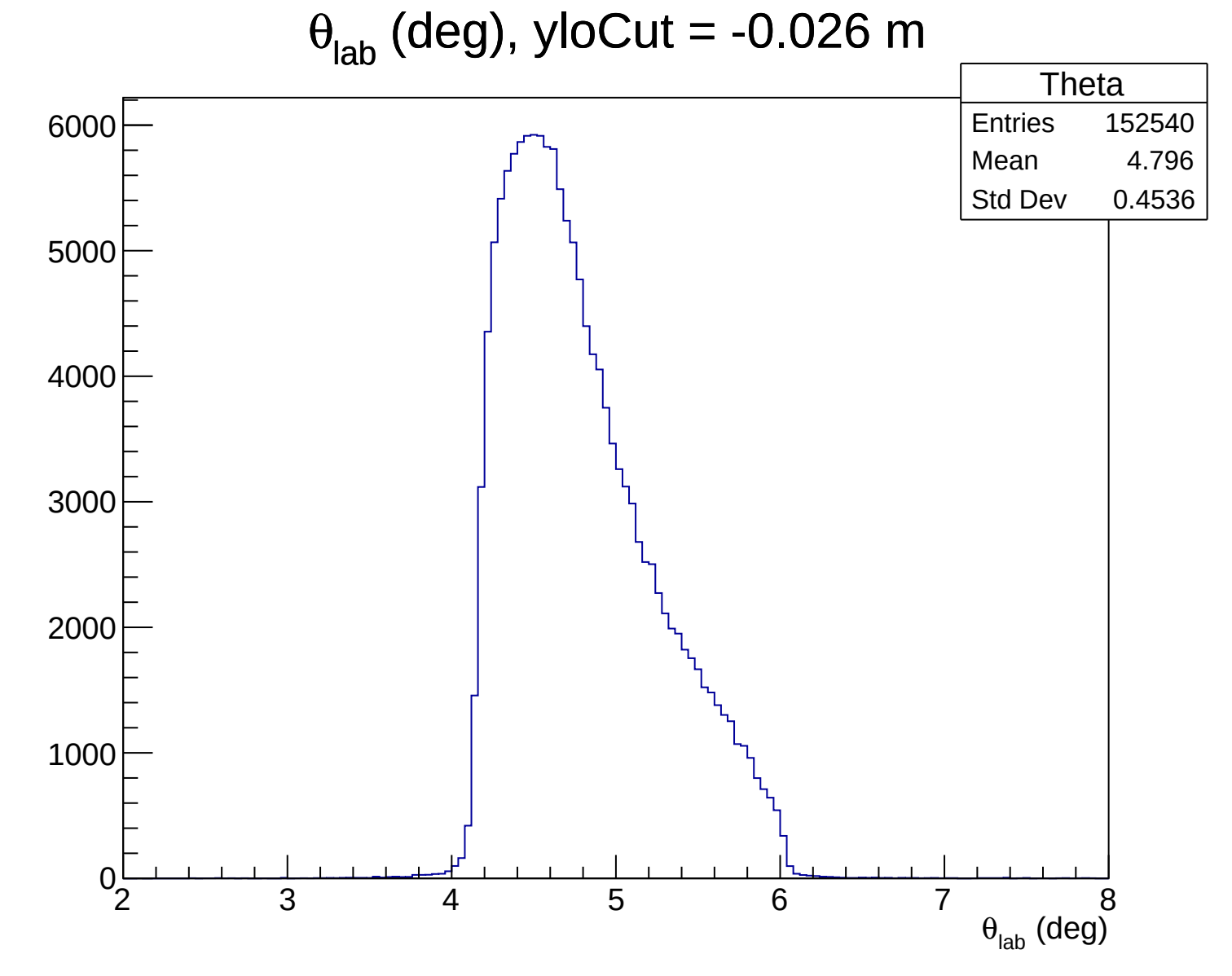

Sensitivity, yloCut = -0.024 m
sens
Entries 152454
Mean 0.02235
Std Dev 0.003886
6000
5000
4000
3000
2000
1000
0
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

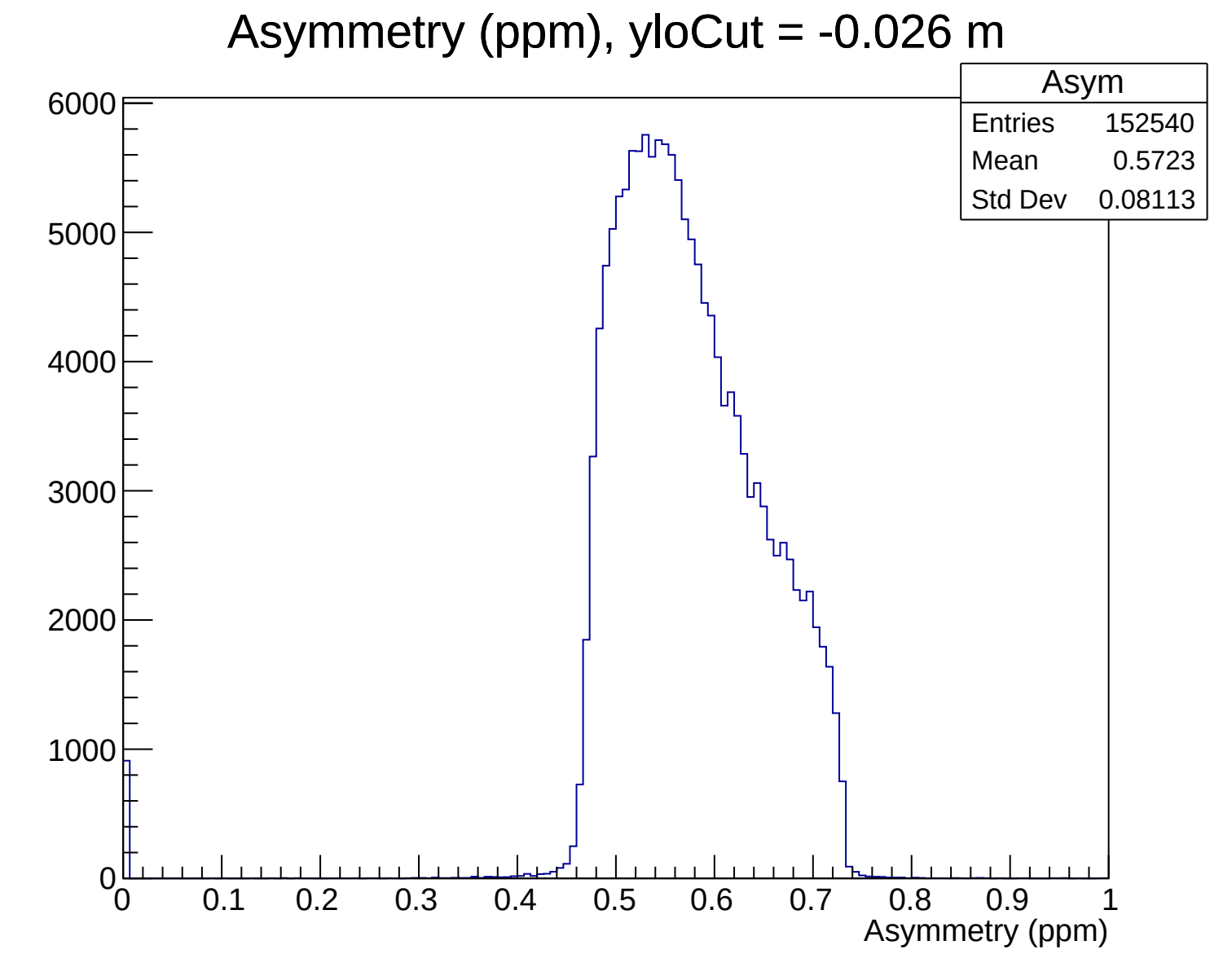

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

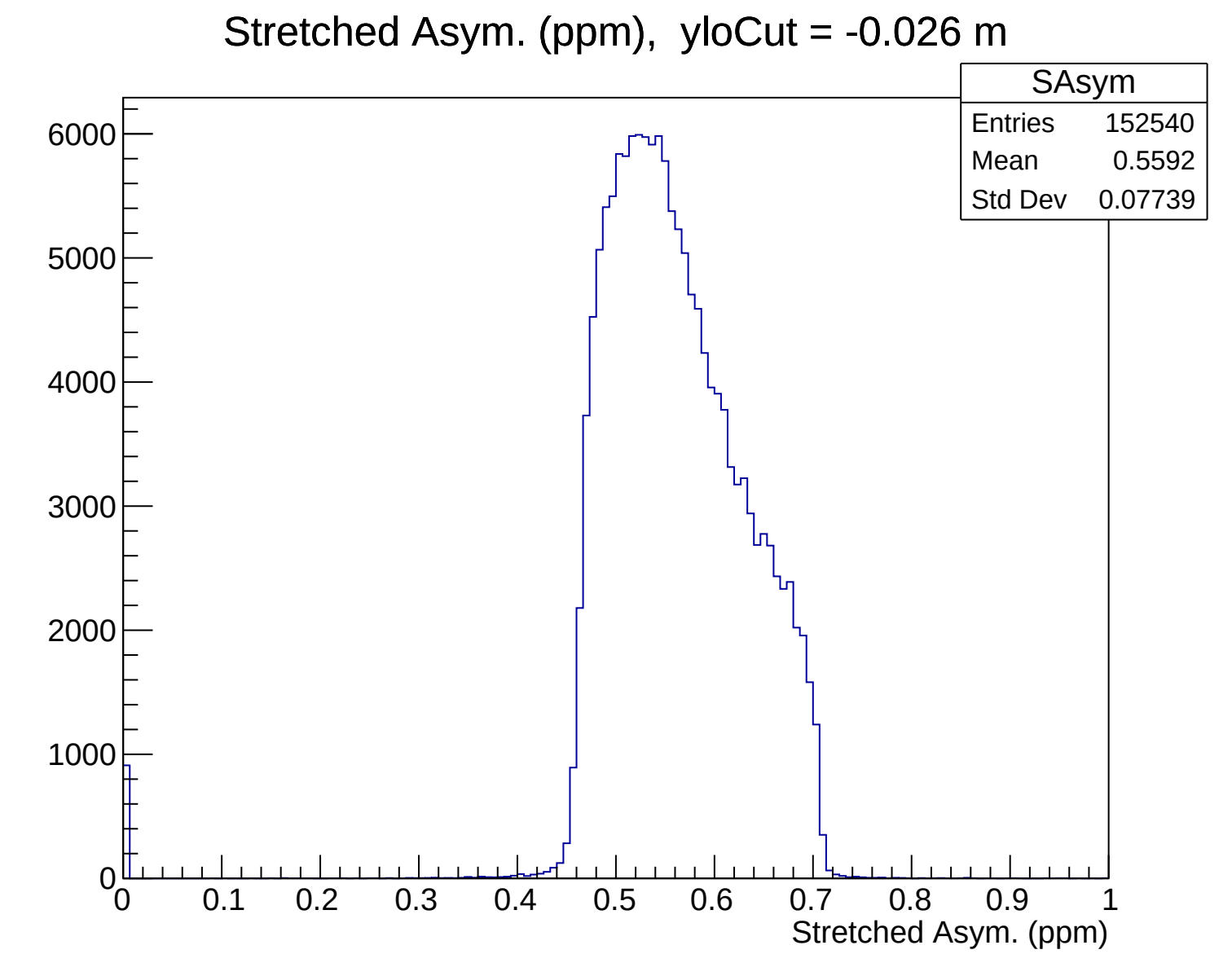

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.026
R.tr.y[0]+1.3*R.tr.ph[0] (m)

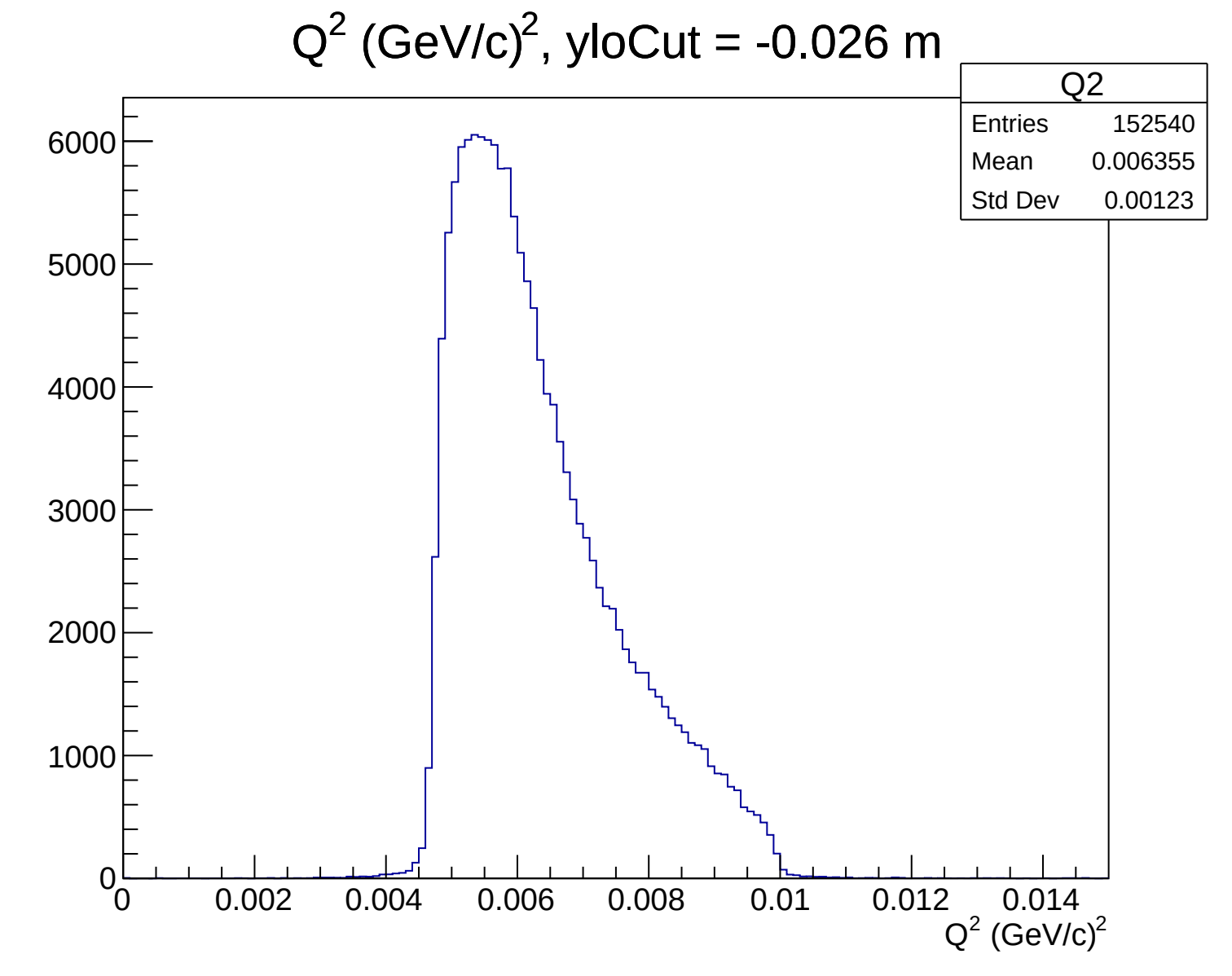

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

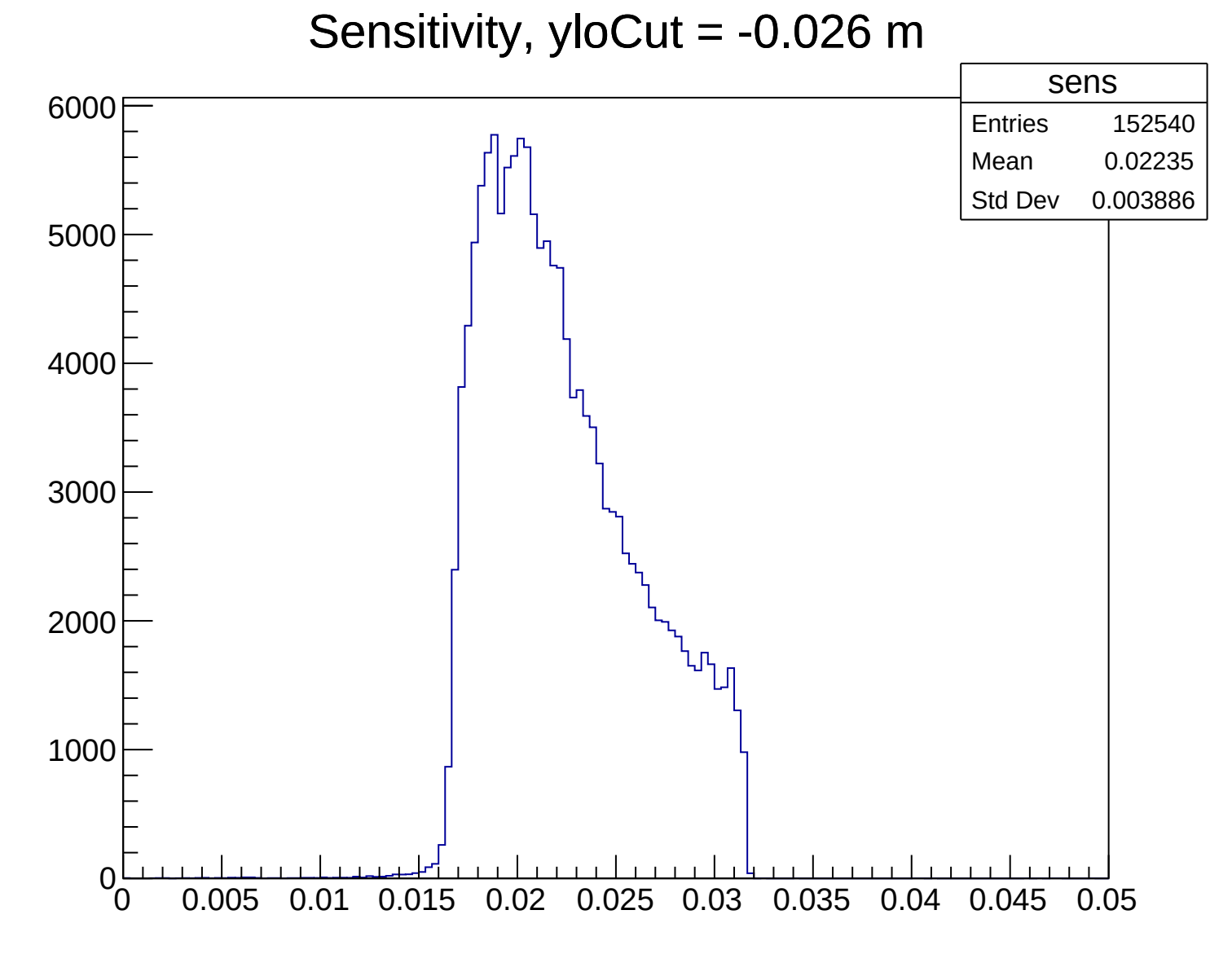

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

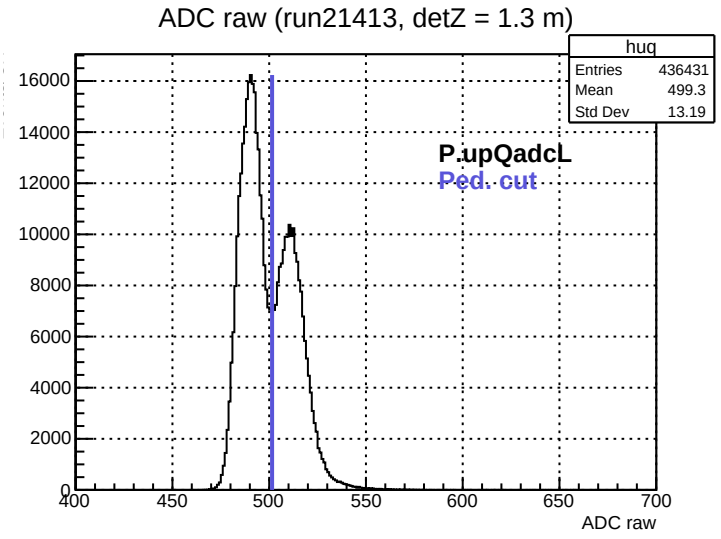

θlab (deg), yloCut = -0.026 m
Theta
Entries 152540
Mean 4.796
Std Dev 0.4536
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

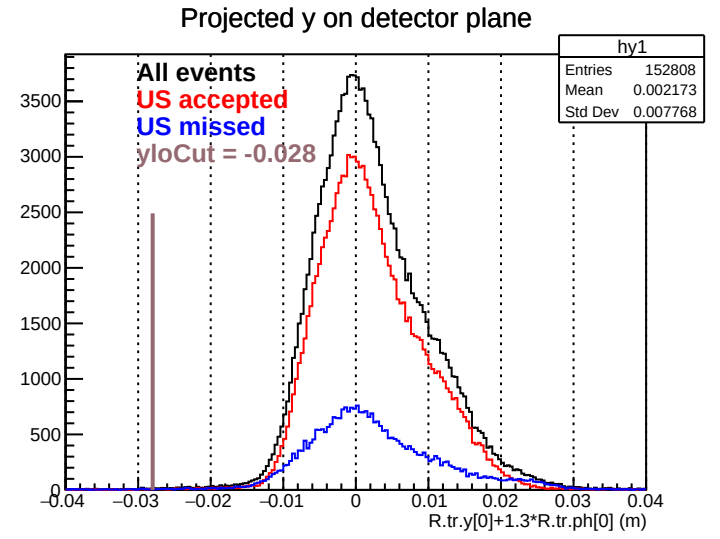

Asymmetry (ppm), yloCut = -0.026 m
Asym
Entries 152540
Mean 0.5723
Std Dev 0.08113
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

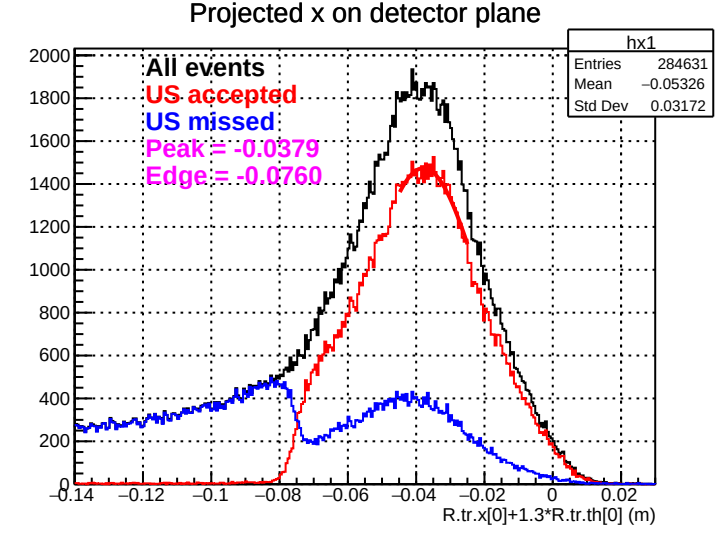

Stretched Asym. (ppm), yloCut = -0.026 m
SAsym
Entries 152540
Mean 0.5592
Std Dev 0.07739
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Stretched Asym. (ppm)

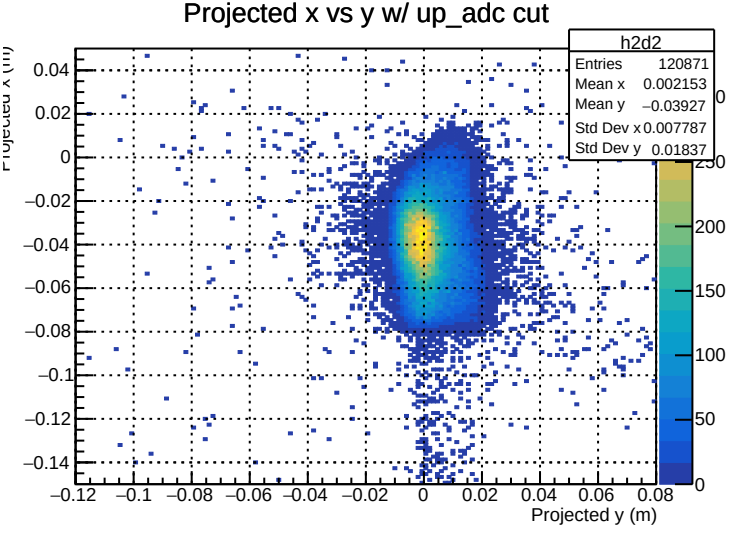

Q^2 (GeV/c)^2, yloCut = -0.026 m
Q2
Entries 152540
Mean 0.006355
Std Dev 0.00123
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

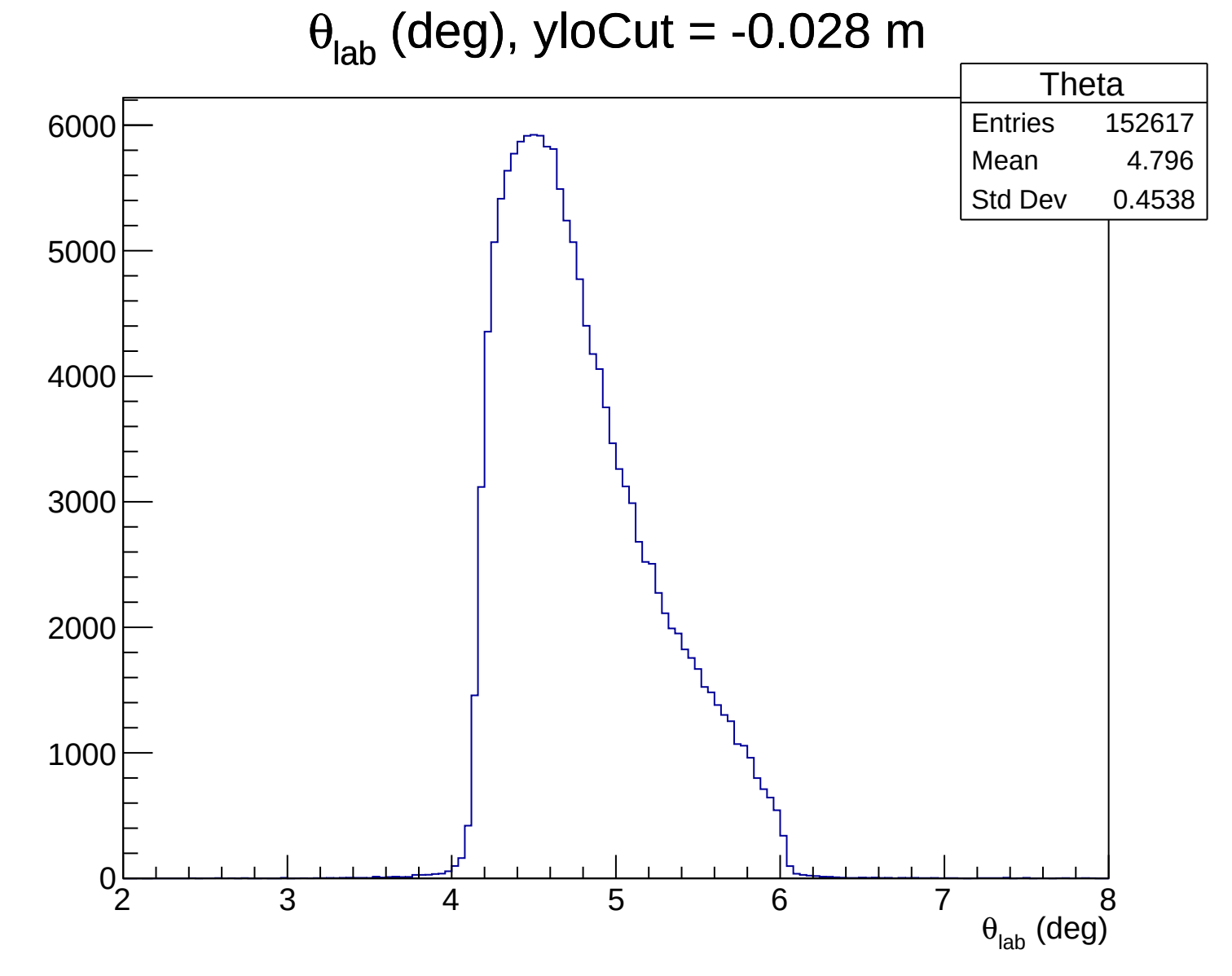

Sensitivity, yloCut = -0.026 m
sens
Entries 152540
Mean 0.02235
Std Dev 0.003886
6000
5000
4000
3000
2000
1000
0
0 0.005 0.01 0.015 0.02 0.025 0.03 0.035 0.04 0.045 0.05

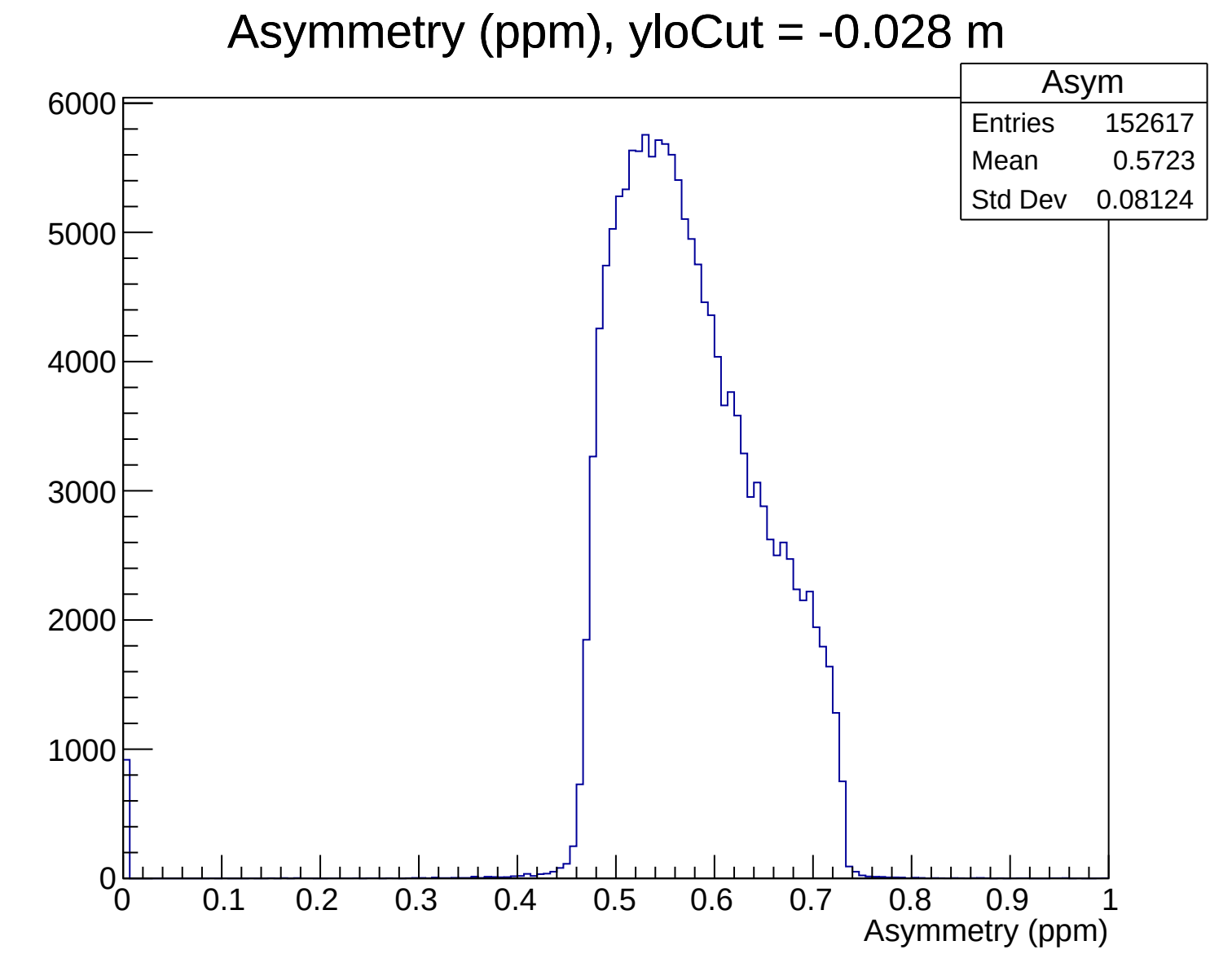

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

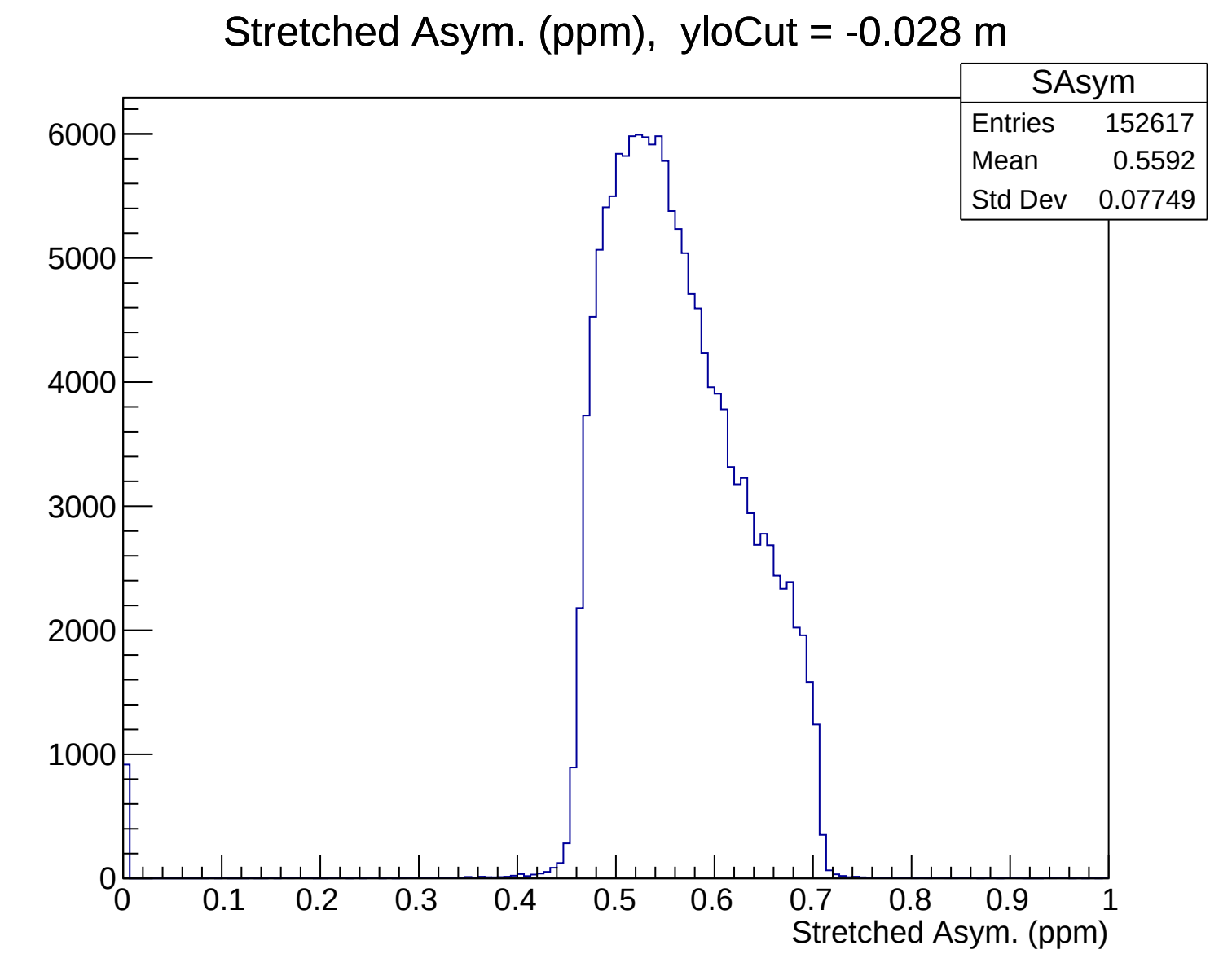

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.028
R.tr.y[0]+1.3*R.tr.ph[0] (m)

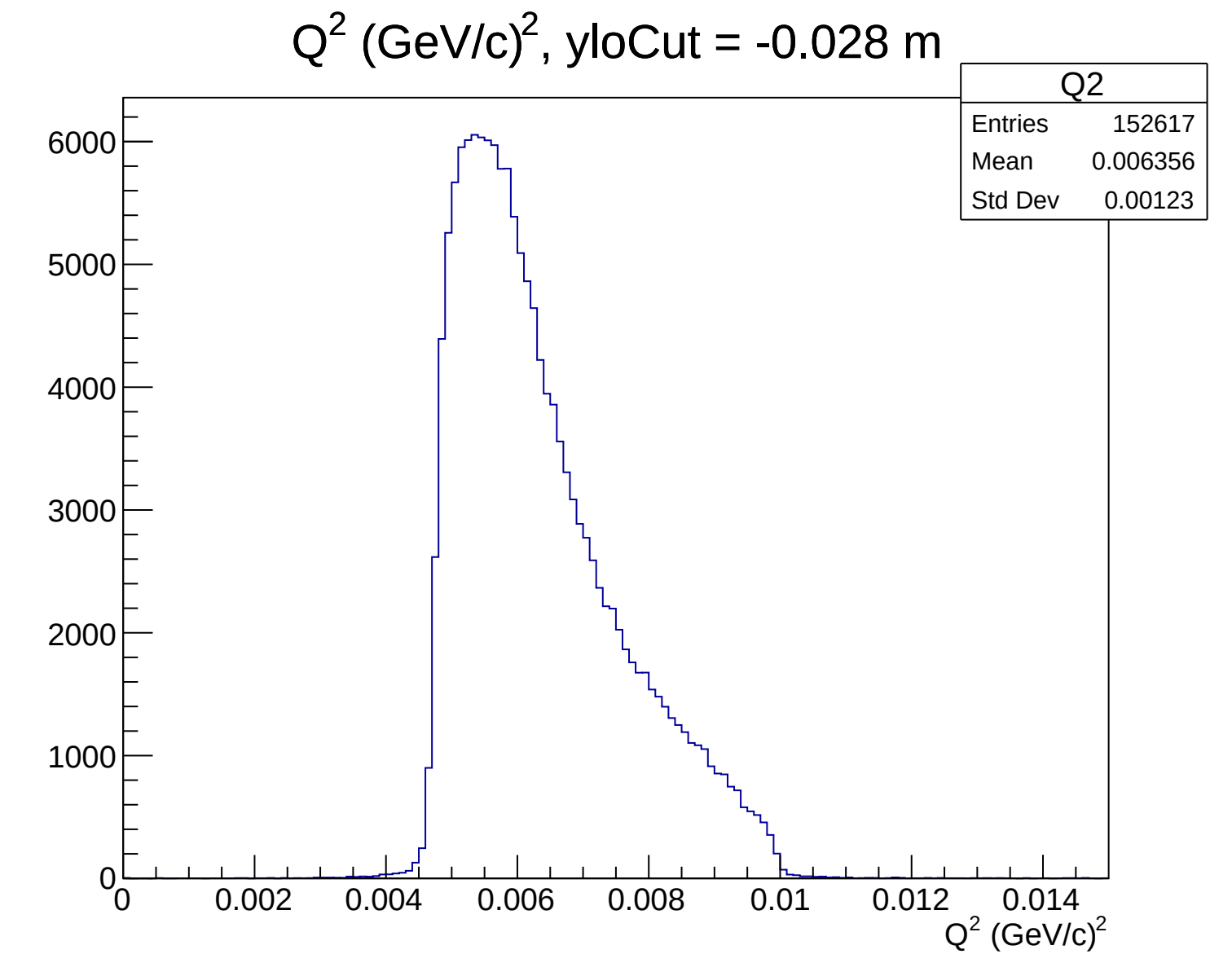

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

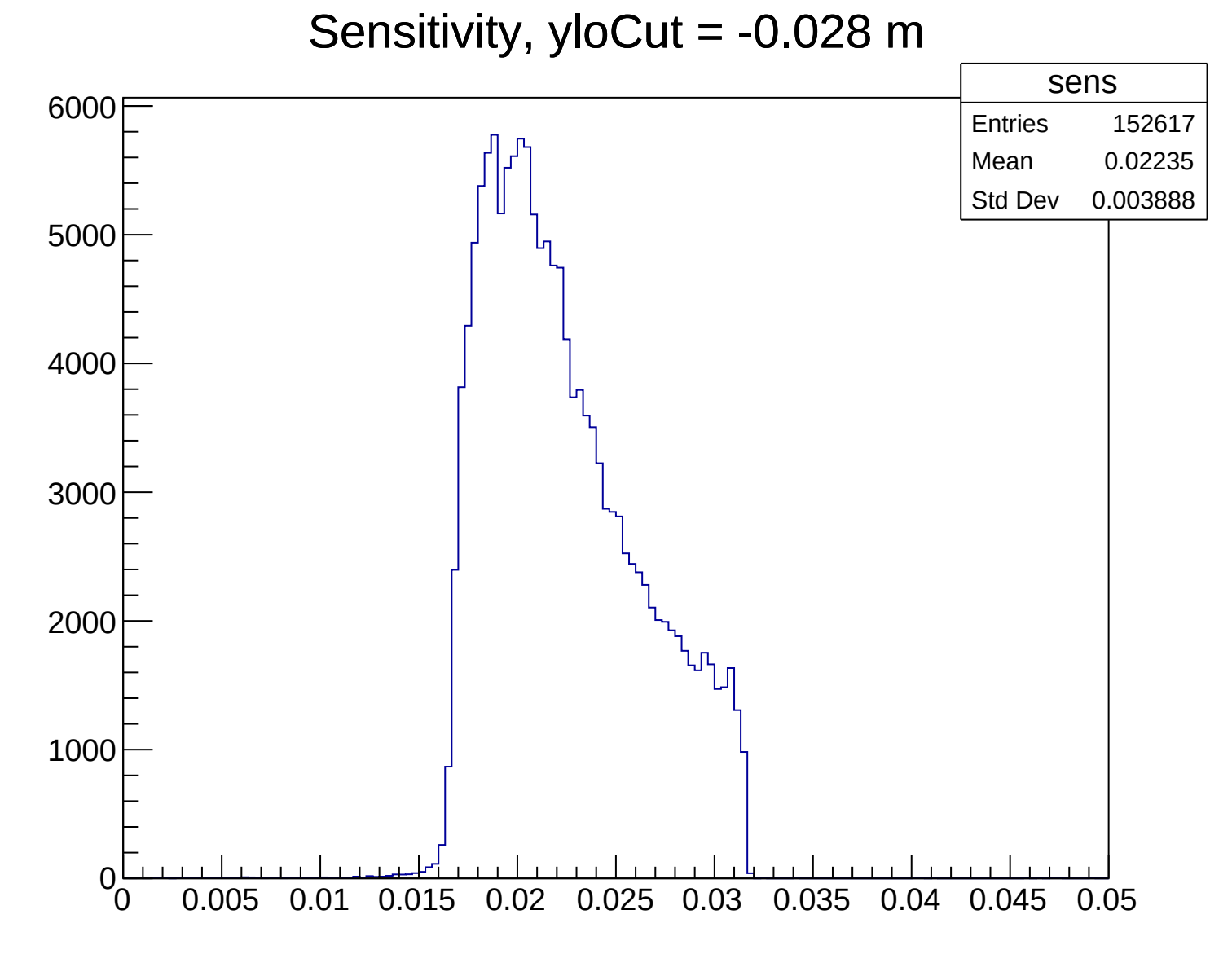

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)

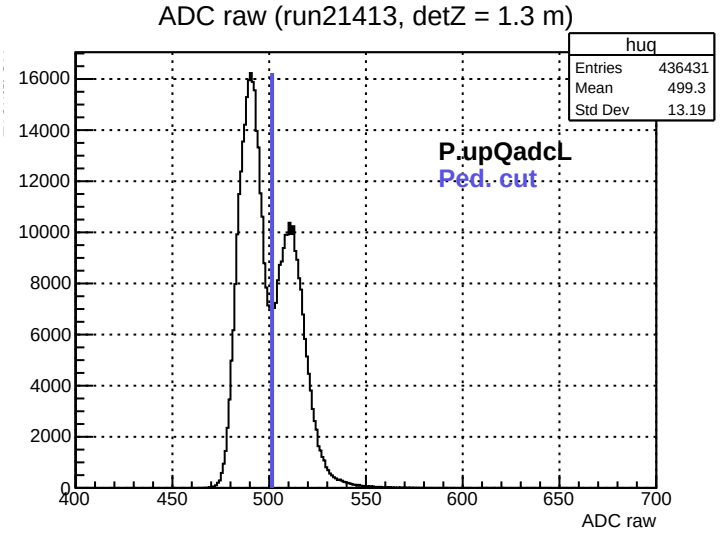

θlab (deg), yloCut = -0.028 m
Theta
Entries 152617
Mean 4.796
Std Dev 0.4538
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)

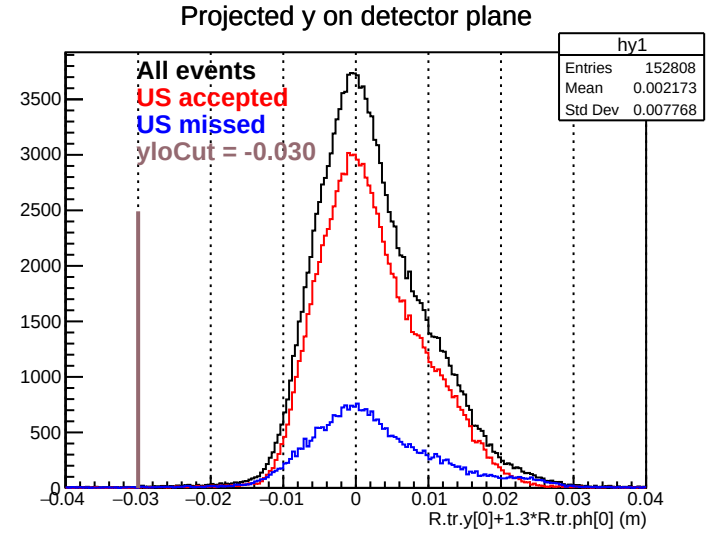

Asymmetry (ppm), yloCut = -0.028 m
Asym
Entries 152617
Mean 0.5723
Std Dev 0.08124
6000
5000
4000
3000
2000
1000
0
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1
Asymmetry (ppm)

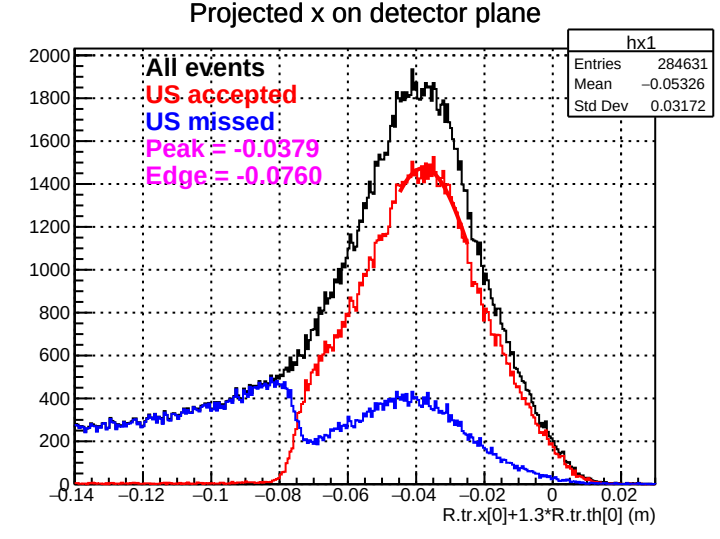

Stretched Asym. (ppm), yloCut = -0.028 m
SAsym
Entries 152617
Mean 0.5592
Std Dev 0.07749
6000
5000
4000
3000
2000
1000
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Stretched Asym. (ppm)

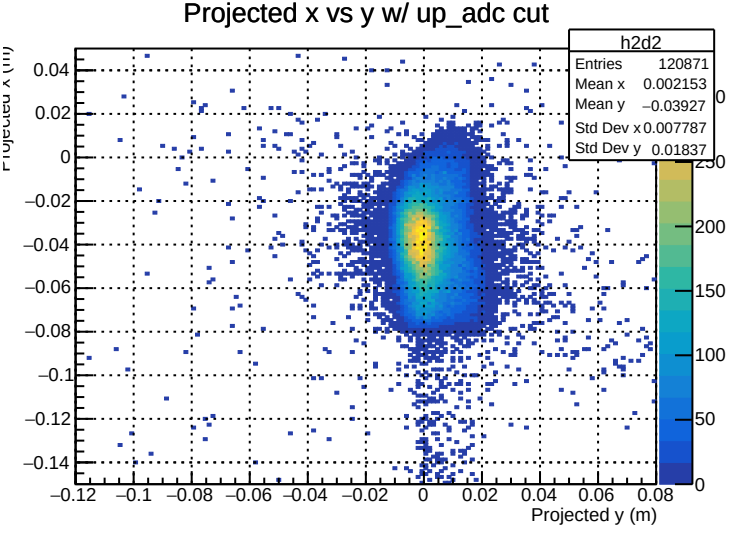

Q^2 (GeV/c)^2, yloCut = -0.028 m
Q2
Entries 152617
Mean 0.006356
Std Dev 0.00123
6000
5000
4000
3000
2000
1000
0
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
Q^2 (GeV/c)^2

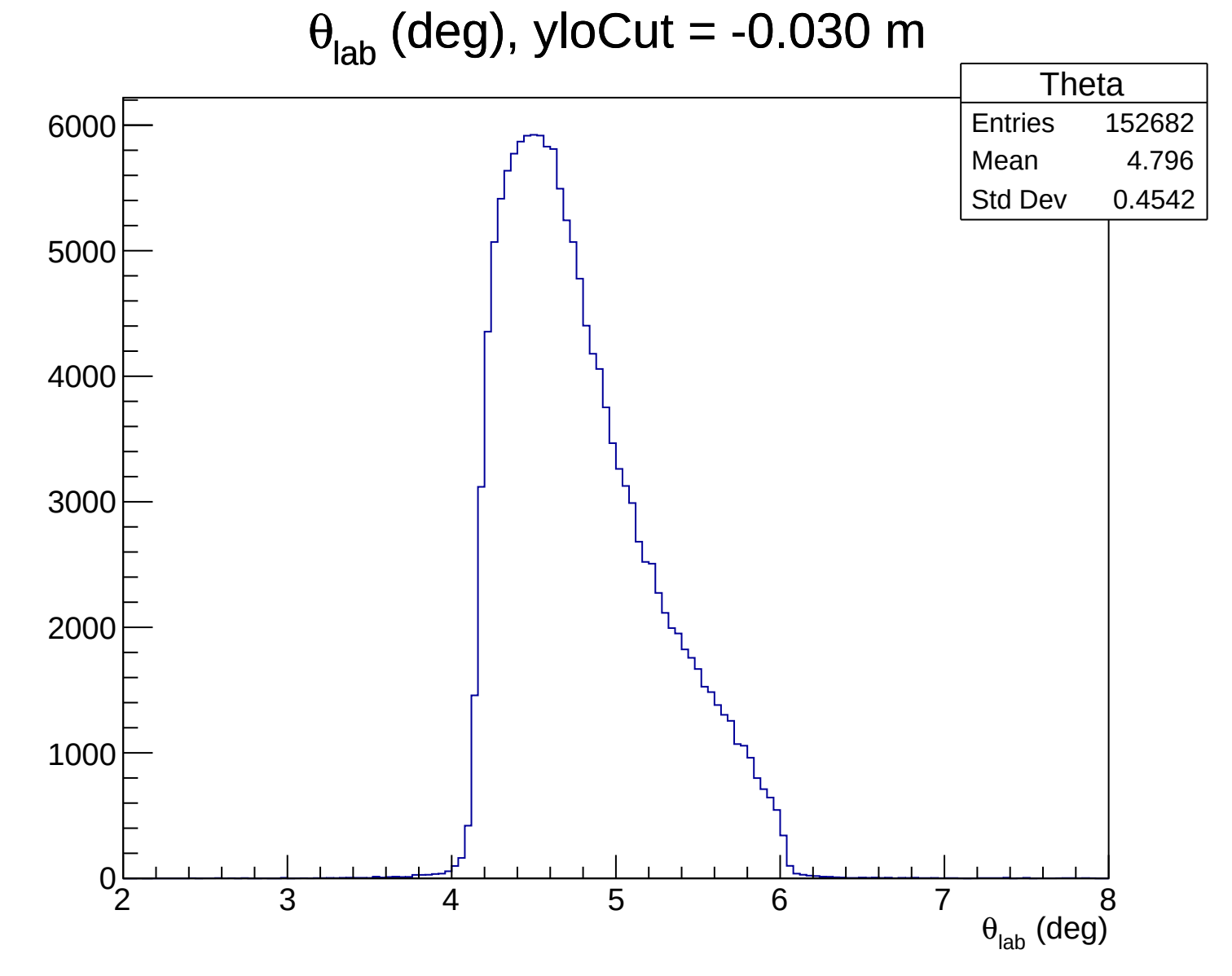

Sensitivity, yloCut = -0.028 m
sens
Entries 152617
Mean 0.02235
Std Dev 0.003888
6000
5000
4000
3000
2000
1000
0
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
0.05

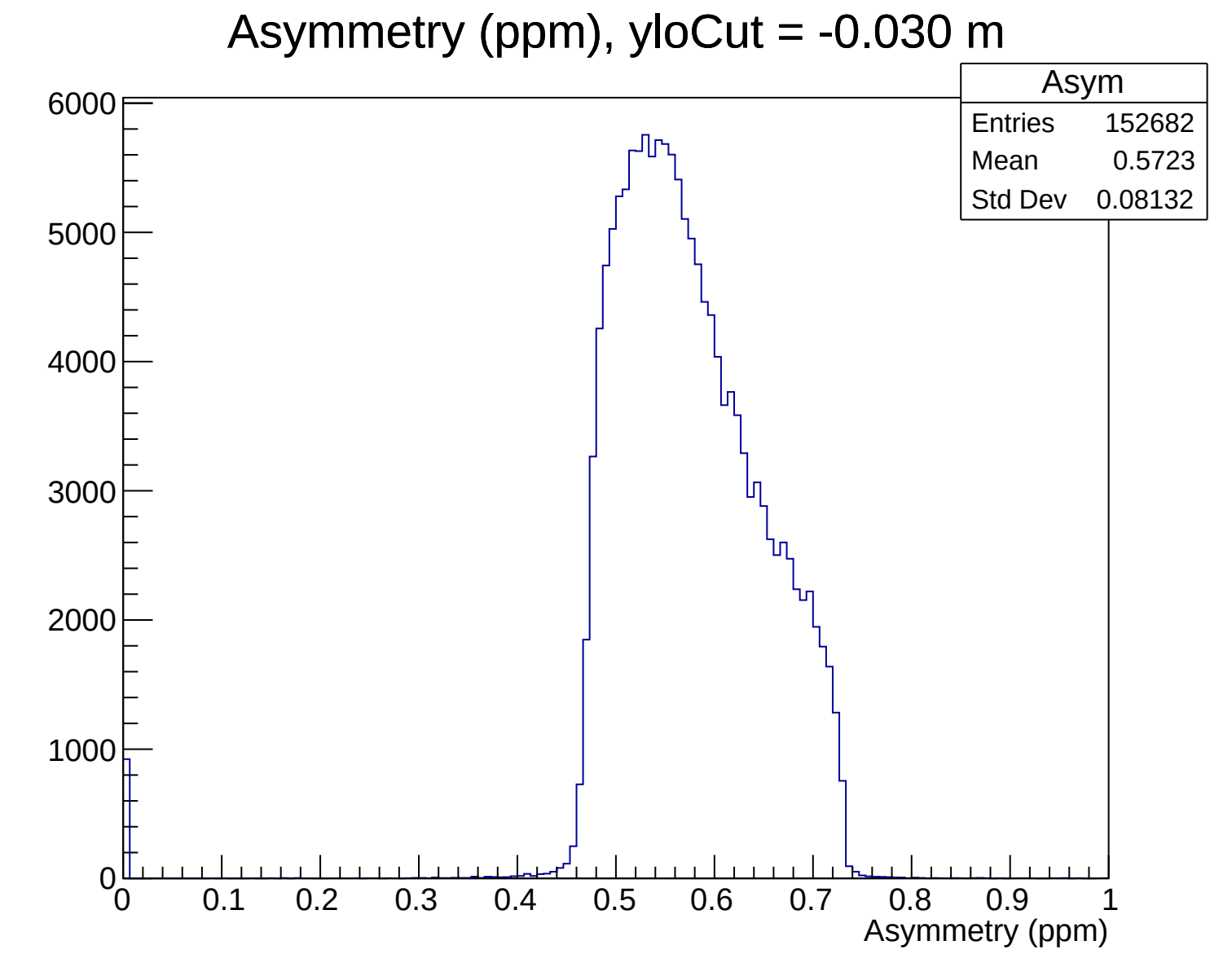

ADC raw (run21413, detZ = 1.3 m)
huq
Entries 436431
Mean 499.3
Std Dev 13.19
P.upQadcL
Ped. cut
ADC raw

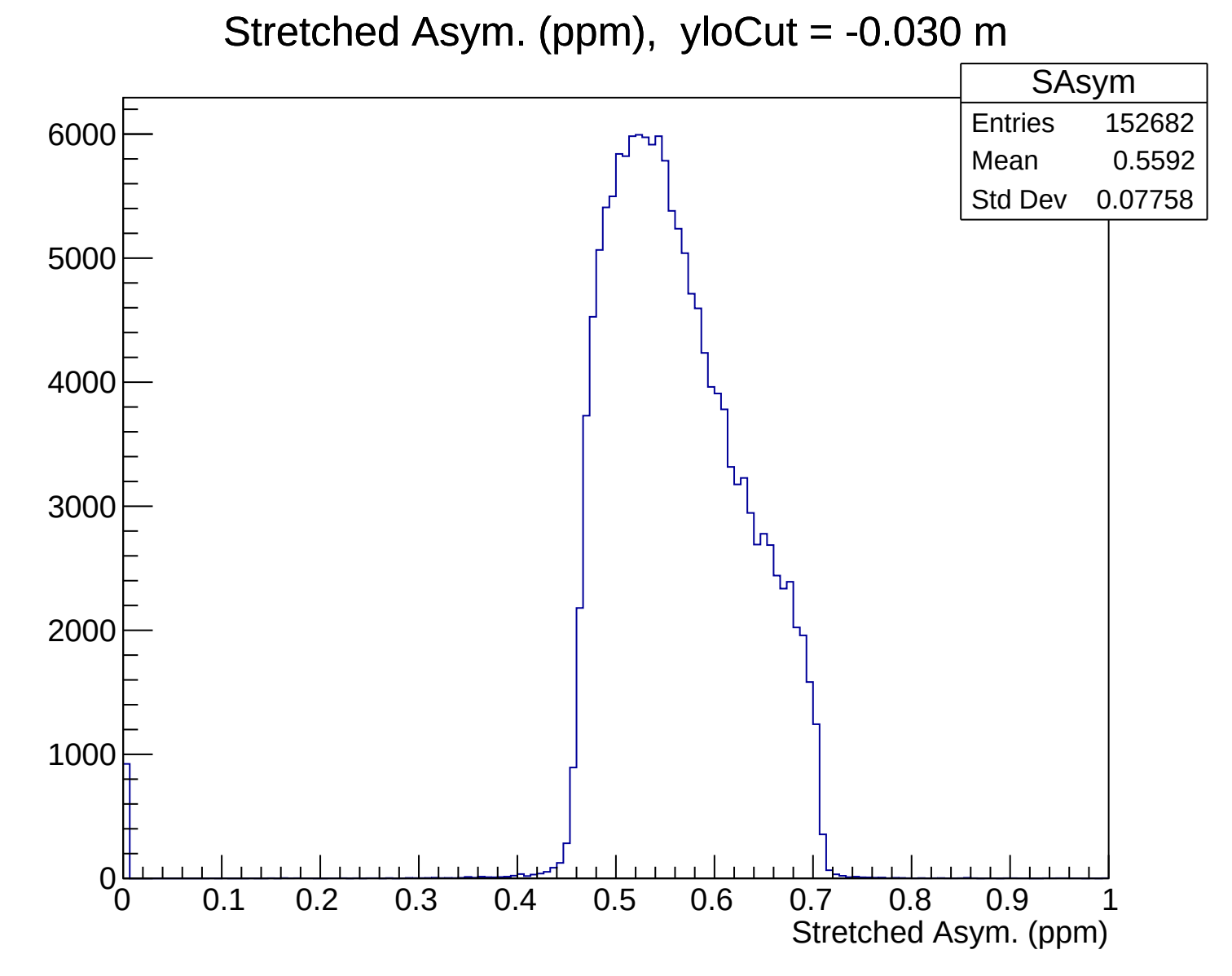

Projected y on detector plane
hy1
Entries 152808
Mean 0.002173
Std Dev 0.007768
All events
US accepted
US missed
yloCut = -0.030
R.tr.y[0]+1.3*R.tr.ph[0] (m)

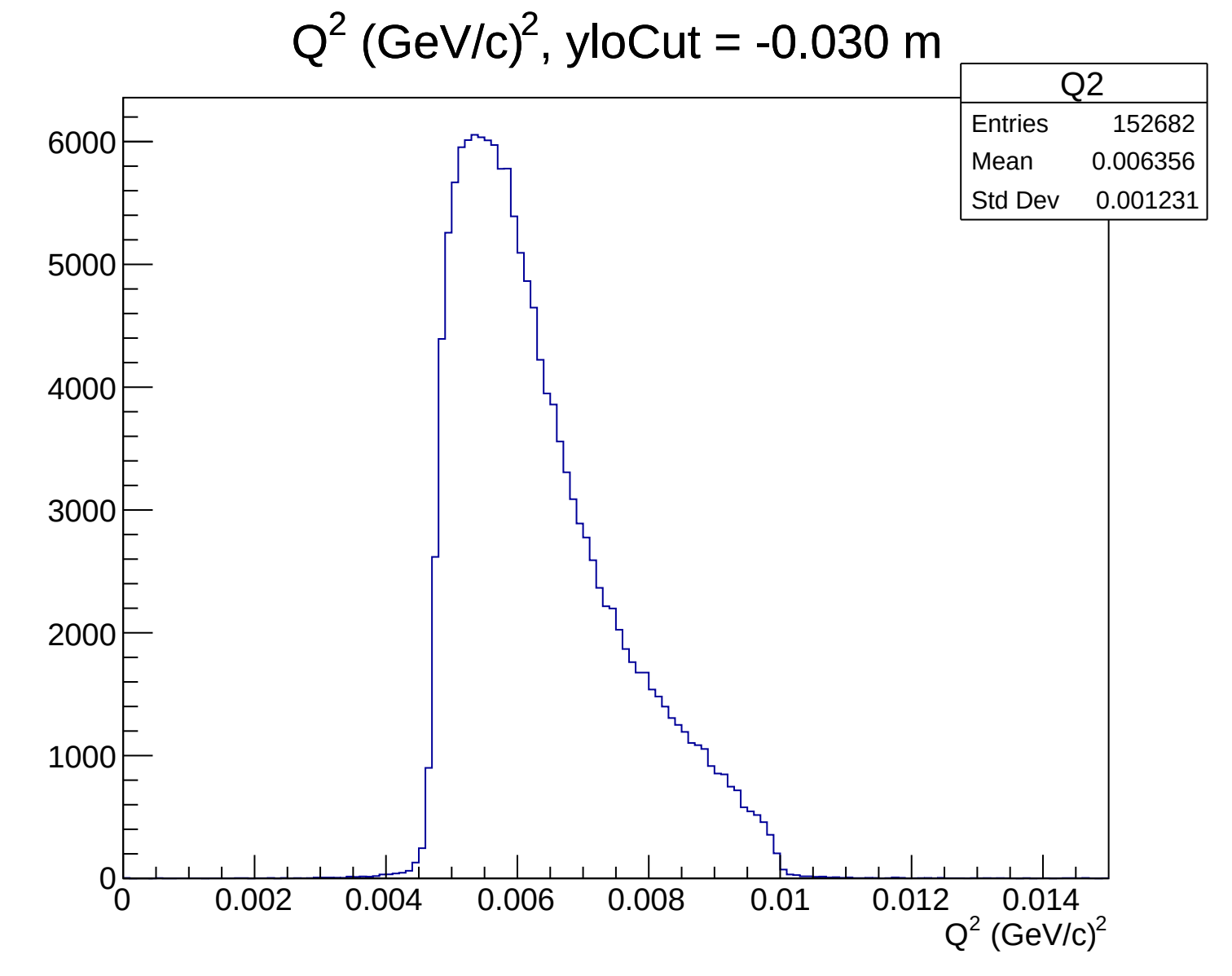

Projected x on detector plane
hx1
Entries 284631
Mean −0.05326
Std Dev 0.03172
All events
US accepted
US missed
Peak = -0.0379
Edge = -0.0760
R.tr.x[0]+1.3*R.tr.th[0] (m)

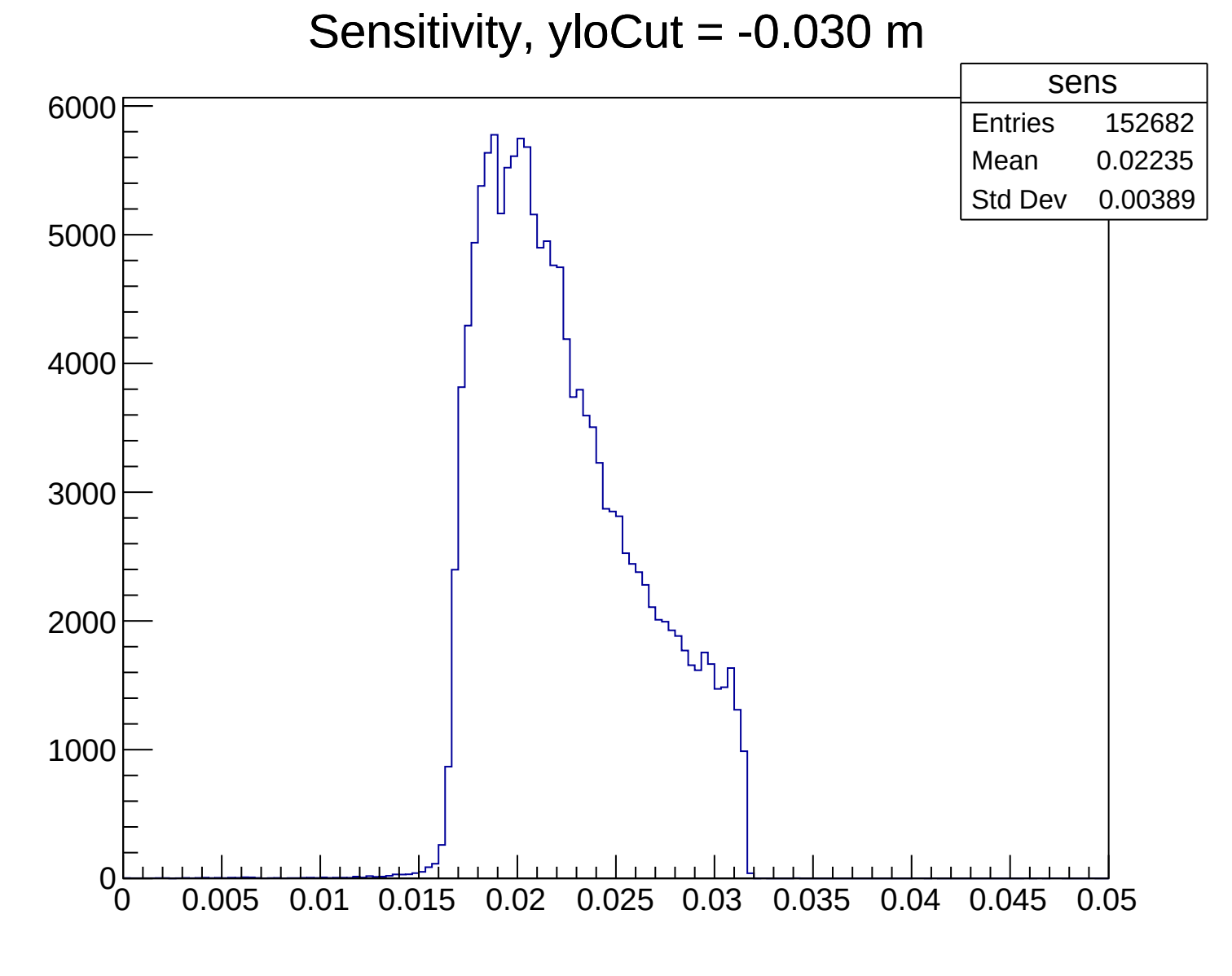

Projected x vs y w/ up_adc cut
h2d2
Entries 120871
Mean x 0.002153
Mean y −0.03927
Std Dev x 0.007787
Std Dev y 0.01837
Projected y (m)


θlab (deg), yloCut = -0.030 m
Theta
Entries 152682
Mean 4.796
Std Dev 0.4542
6000
5000
4000
3000
2000
1000
0
2
3
4
5
6
7
8
θlab (deg)


Asymmetry (ppm), yloCut = -0.030 m
Asym
Entries 152682
Mean 0.5723
Std Dev 0.08132
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 = -0.030 m
SAsym
Entries 152682
Mean 0.5592
Std Dev 0.07758
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 = -0.030 m
Q2
Entries 152682
Mean 0.006356
Std Dev 0.001231
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 = -0.030 m
sens
Entries 152682
Mean 0.02235
Std Dev 0.00389
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