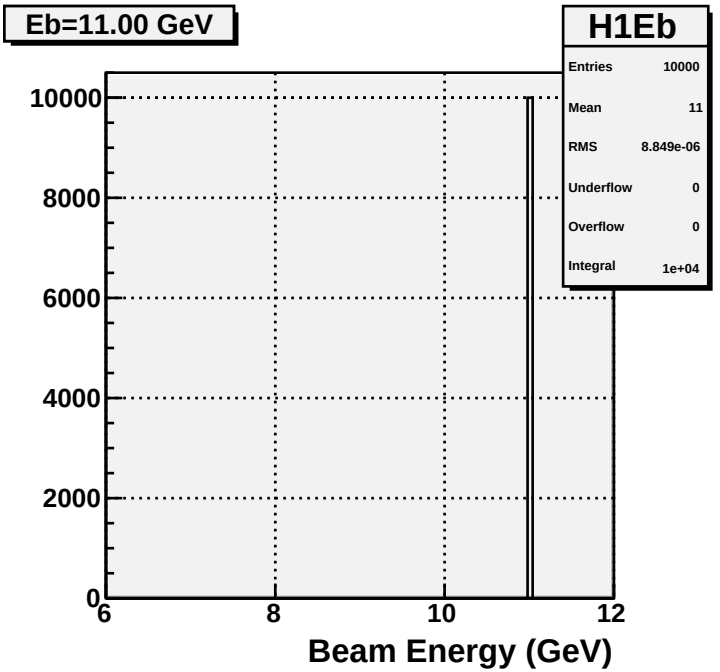
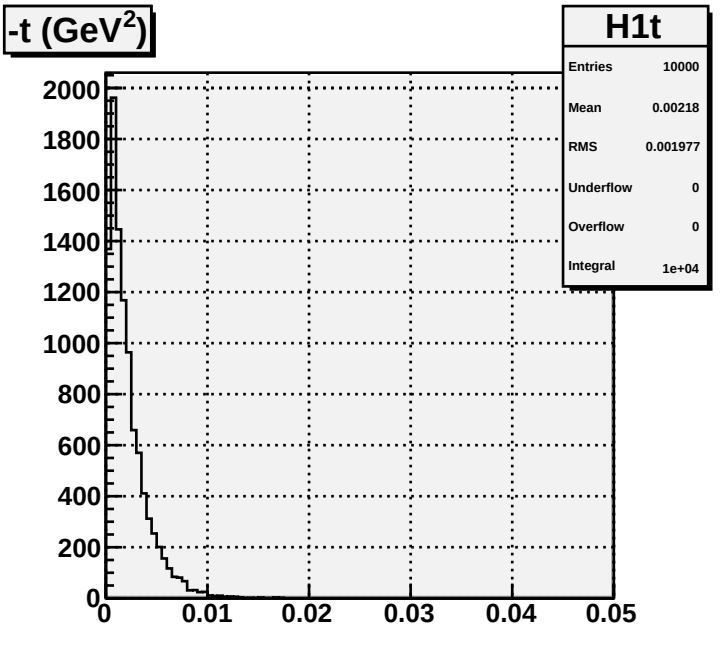
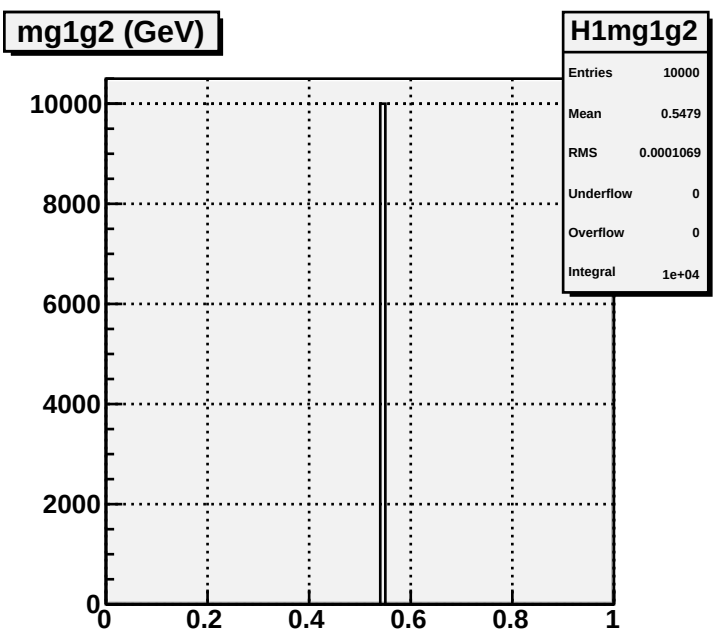
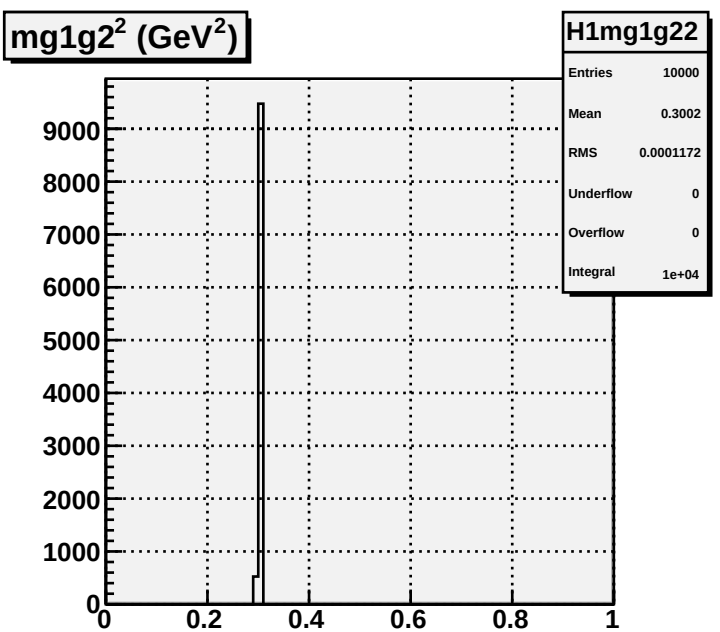
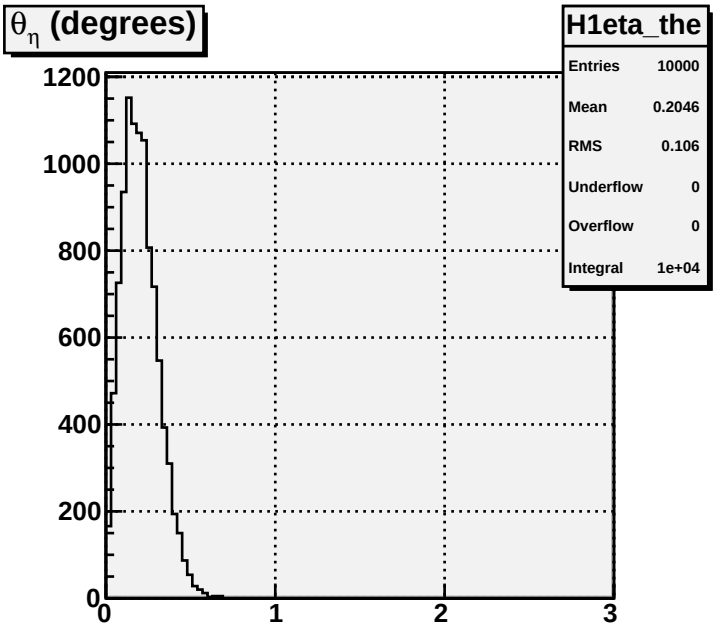
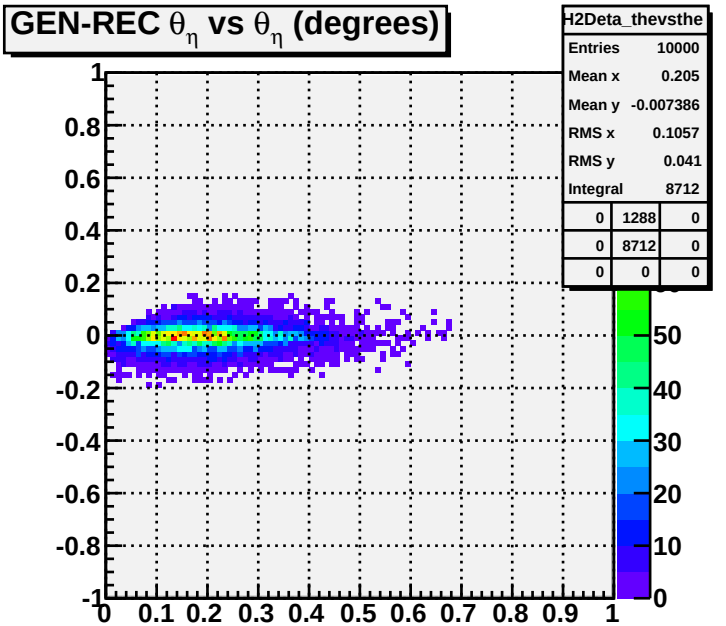

Eb=11.00 GeV
H1Eb
Entries 10000
Mean 11
RMS 8.849e-06
Underflow 0
Overflow 0
Integral 1e+04
10000
8000
6000
4000
2000
0
6
8
10
12
Beam Energy (GeV)

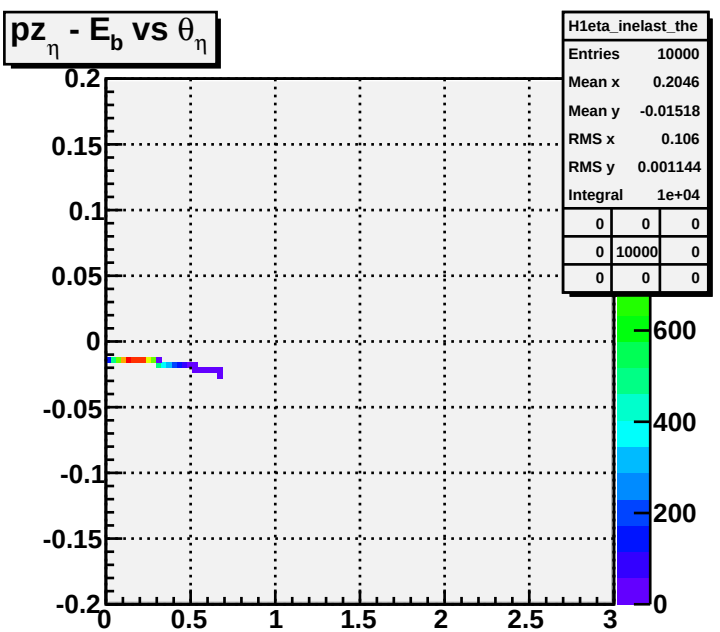

-t (GeV^2)
H1t
Entries 10000
Mean 0.00218
RMS 0.001977
Underflow 0
Overflow 0
Integral 1e+04
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.01
0.02
0.03
0.04
0.05

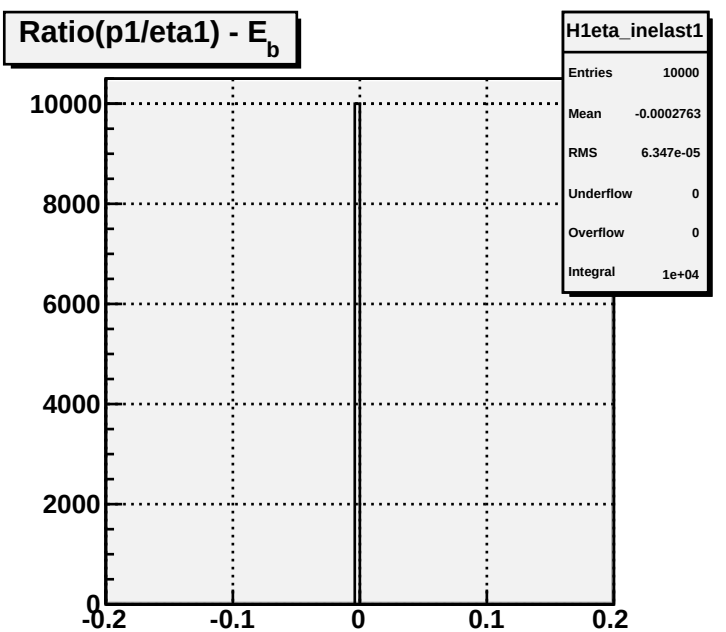

mg1g2 (GeV)
H1mg1g2
Entries 10000
Mean 0.5479
RMS 0.0001069
Underflow 0
Overflow 0
Integral 1e+04
10000
8000
6000
4000
2000
0
0
0.2
0.4
0.6
0.8
1


mg1g2^2 (GeV^2)
H1mg1g22
Entries 10000
Mean 0.3002
RMS 0.0001172
Underflow 0
Overflow 0
Integral 1e+04
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1


θη (degrees)
H1eta_the
Entries 10000
Mean 0.2046
RMS 0.106
Underflow 0
Overflow 0
Integral 1e+04

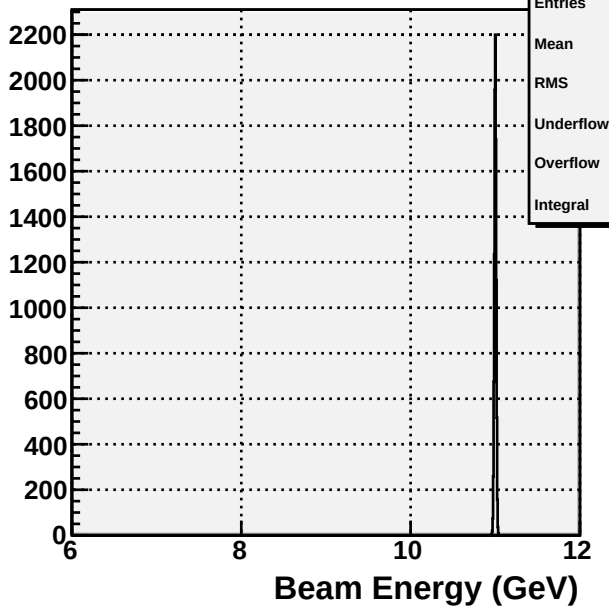

GEN-REC θη vs θη (degrees)
H2Deta_thevsthe
Entries 10000
Mean x 0.205
Mean y -0.007386
RMS x 0.1057
RMS y 0.041
Integral 8712


pzη - Eb vs θη
H1eta_inelast_the
Entries 10000
Mean x 0.2046
Mean y -0.01518
RMS x 0.106
RMS y 0.001144
Integral 1e+04


Ratio(p1/eta1) - Eb
H1eta_inelast1
Entries 10000
Mean -0.0002763
RMS 6.347e-05
Underflow 0
Overflow 0
Integral 1e+04

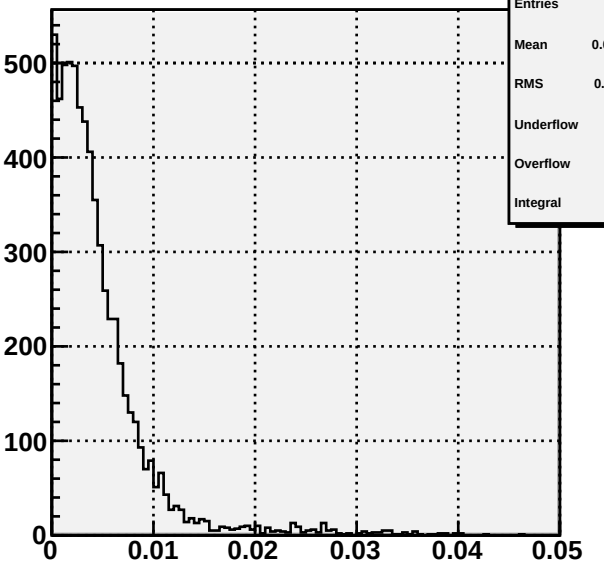
REC Eb=11.00 GeV

H1REb	
Entries	10000
Mean	11
RMS	0.01094
Underflow	0
Overflow	0
Integral	1e+04



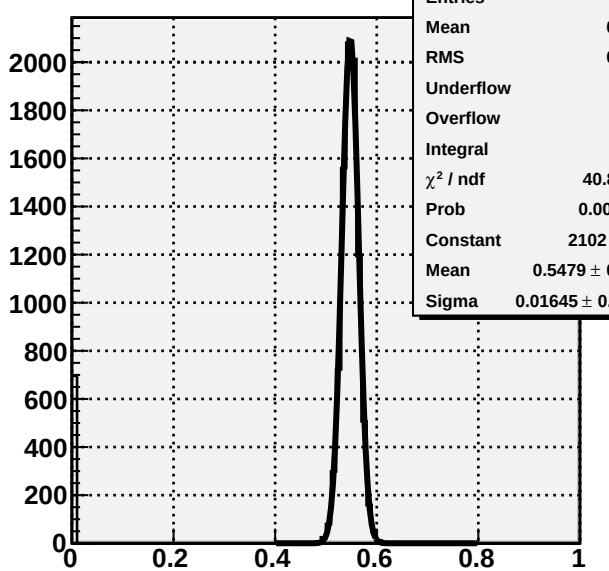
REC -t (GeV^2)

H1Rt	
Entries	10000
Mean	0.004604
RMS	0.004911
Underflow	2448
Overflow	1028
Integral	6524



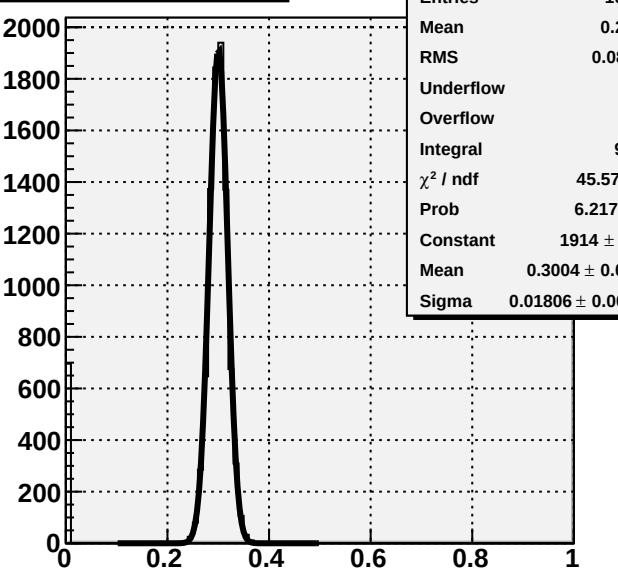
REC mg1g2 (GeV)

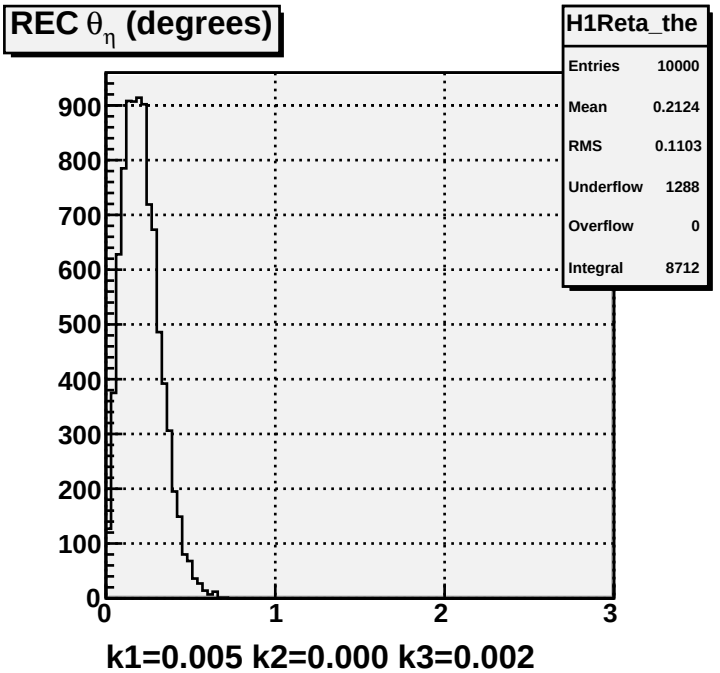
H1Rmg1g2	
Entries	10000
Mean	0.5073
RMS	0.1442
Underflow	0
Overflow	592
Integral	9408
χ^2 / ndf	40.86 / 14
Prob	0.0001869
Constant	2102 $\pm$ 28.9
Mean	0.5479 $\pm$ 0.0002
Sigma	0.01645 $\pm$ 0.00014

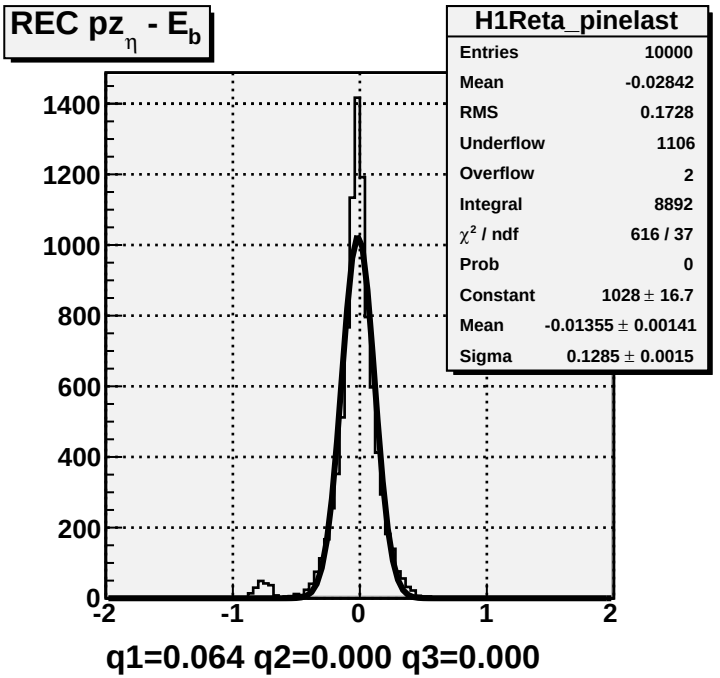


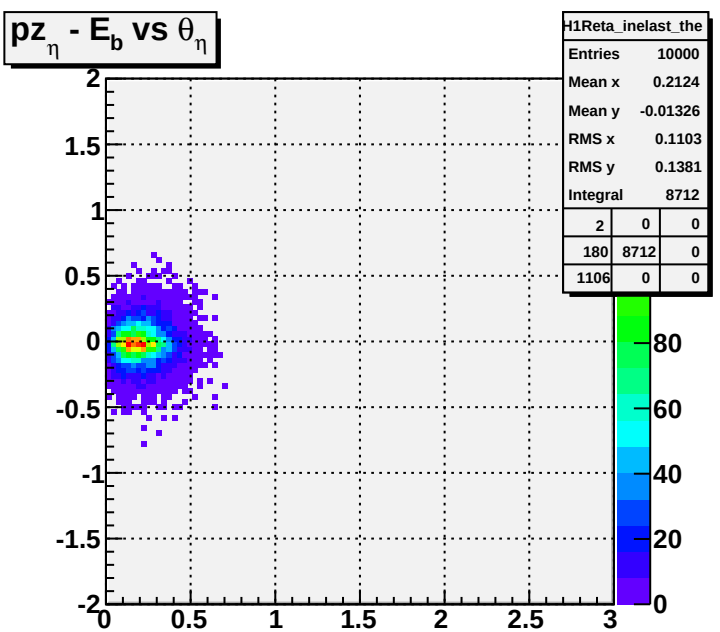
REC mg1g2^2 (GeV^2)

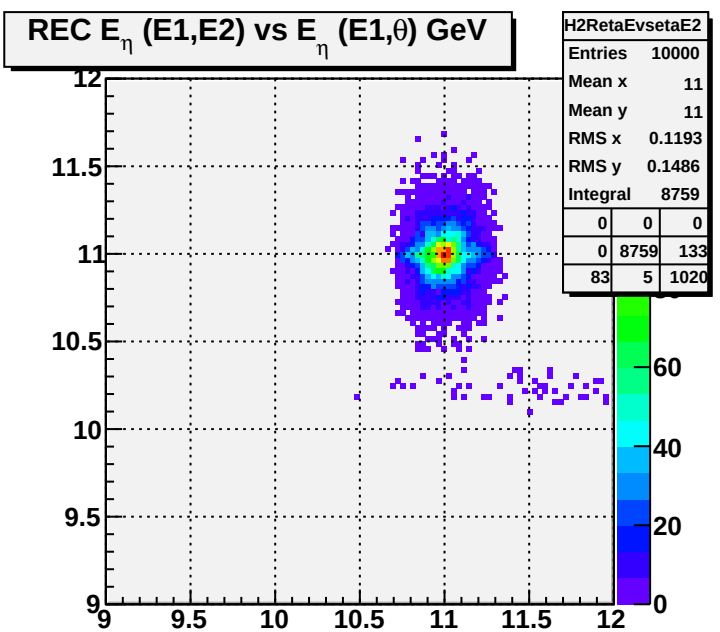
H1Rmg1g22	
Entries	10000
Mean	0.2782
RMS	0.08054
Underflow	590
Overflow	2
Integral	9408
χ^2 / ndf	45.57 / 15
Prob	6.217e-05
Constant	1914 $\pm$ 26.4
Mean	0.3004 $\pm$ 0.0002
Sigma	0.01806 $\pm$ 0.00016

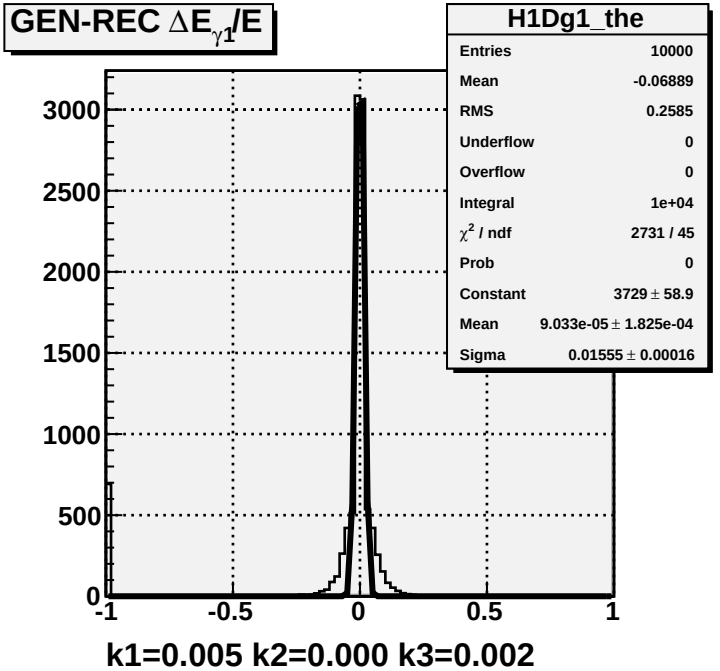


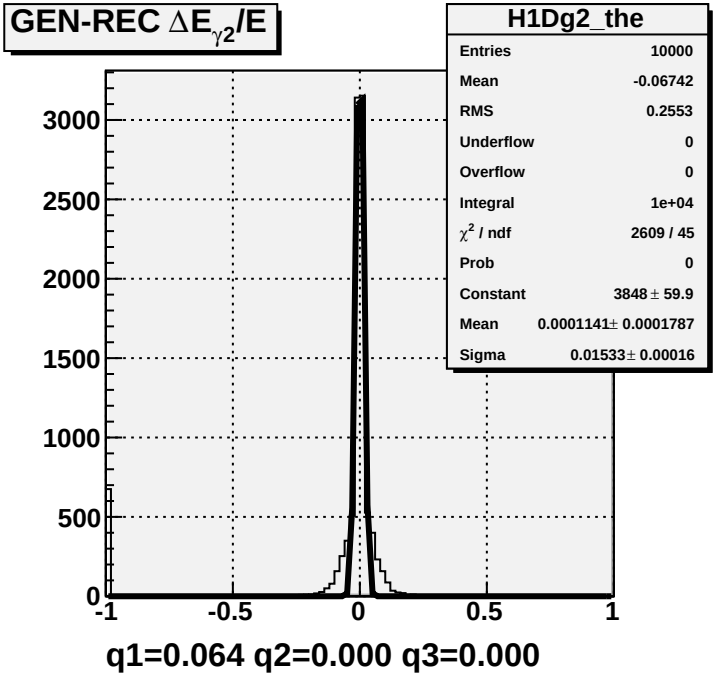

REC θη (degrees)
H1Reta_the
Entries 10000
Mean 0.2124
RMS 0.1103
Underflow 1288
Overflow 0
Integral 8712
k1=0.005 k2=0.000 k3=0.002

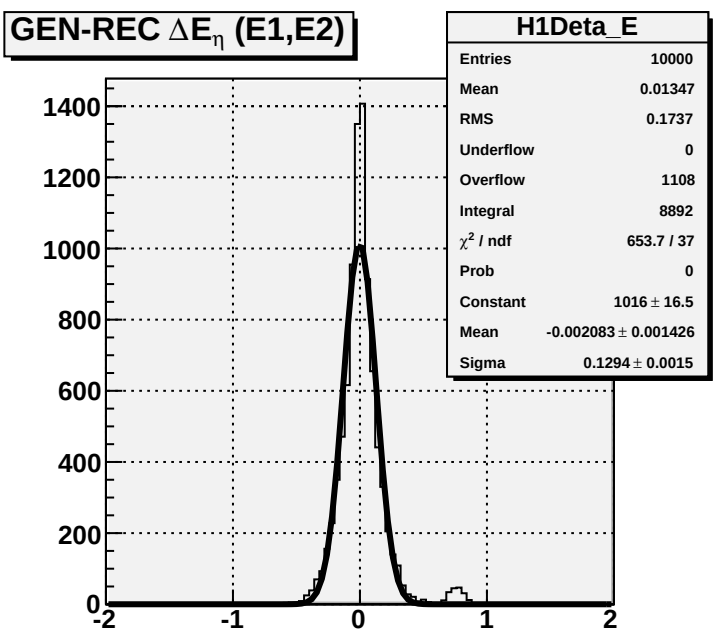

REC pzη - Eb
H1Reta_pinelast
Entries 10000
Mean -0.02842
RMS 0.1728
Underflow 1106
Overflow 2
Integral 8892
χ² / ndf 616 / 37
Prob 0
Constant 1028 ± 16.7
Mean -0.01355 ± 0.00141
Sigma 0.1285 ± 0.0015
q1=0.064 q2=0.000 q3=0.000

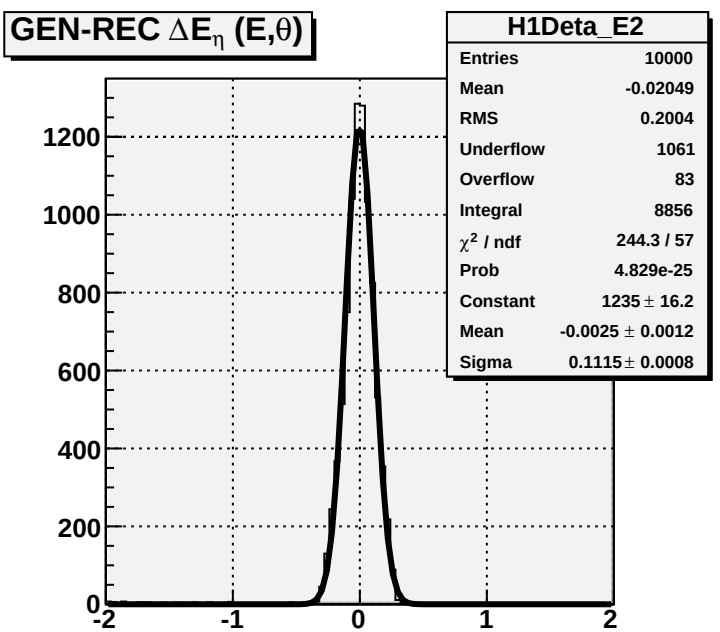

pzη - Eb vs θη
H1Reta_inelast_the
Entries 10000
Mean x 0.2124
Mean y -0.01326
RMS x 0.1103
RMS y 0.1381
Integral 8712
2 0 0
180 8712 0
1106 0 0

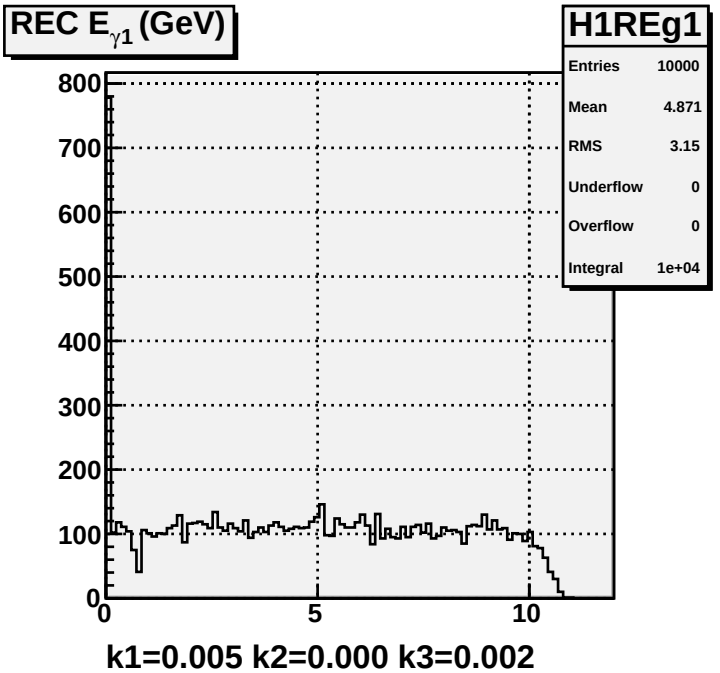

REC Eη (E1,E2) vs Eη (E1,θ) GeV
H2RetaEvsetaE2
Entries 10000
Mean x 11
Mean y 11
RMS x 0.1193
RMS y 0.1486
Integral 8759
0 0 0
0 8759 133
83 5 1020

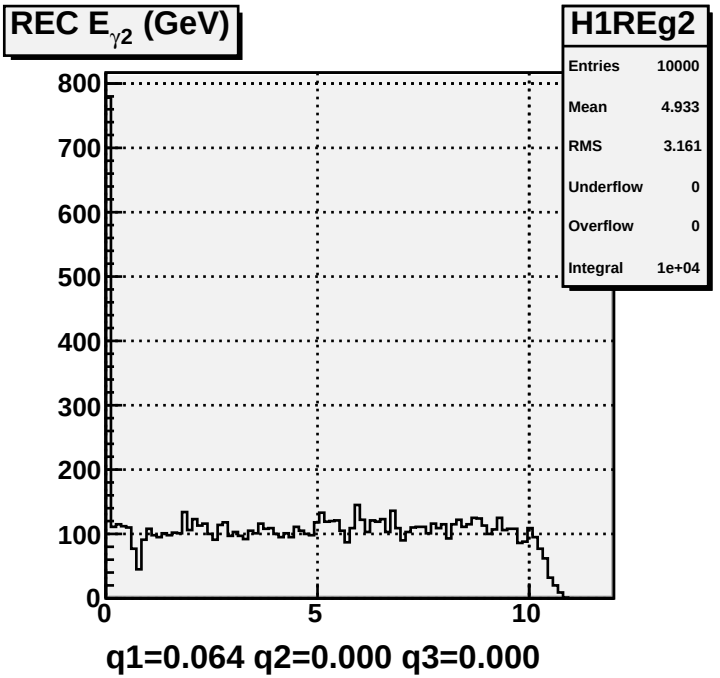

GEN-REC ΔE$_{\gamma 1}$/E
H1Dg1_the
Entries 10000
Mean -0.06889
RMS 0.2585
Underflow 0
Overflow 0
Integral 1e+04
χ² / ndf 2731 / 45
Prob 0
Constant 3729 ± 58.9
Mean 9.033e-05 ± 1.825e-04
Sigma 0.01555 ± 0.00016
k1=0.005 k2=0.000 k3=0.002

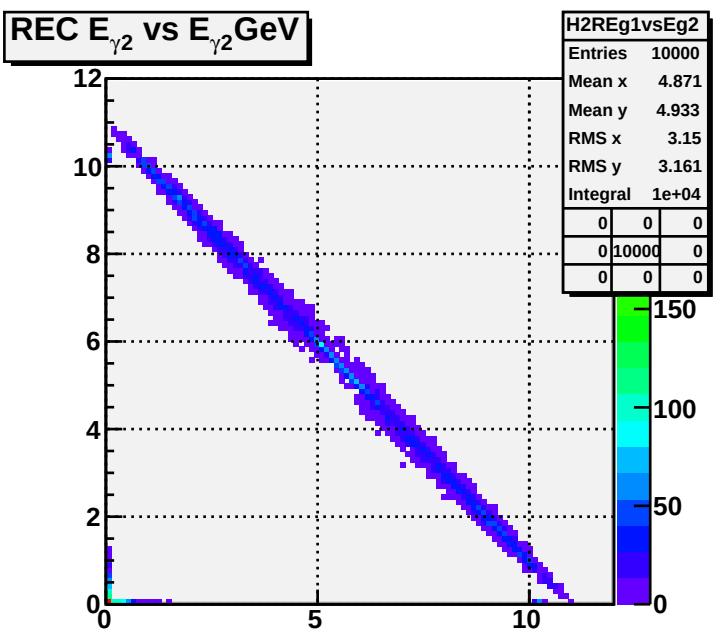

GEN-REC ΔE$_{\gamma 2}$/E
H1Dg2_the
Entries 10000
Mean -0.06742
RMS 0.2553
Underflow 0
Overflow 0
Integral 1e+04
χ² / ndf 2609 / 45
Prob 0
Constant 3848 ± 59.9
Mean 0.0001141 ± 0.0001787
Sigma 0.01533 ± 0.00016
q1=0.064 q2=0.000 q3=0.000

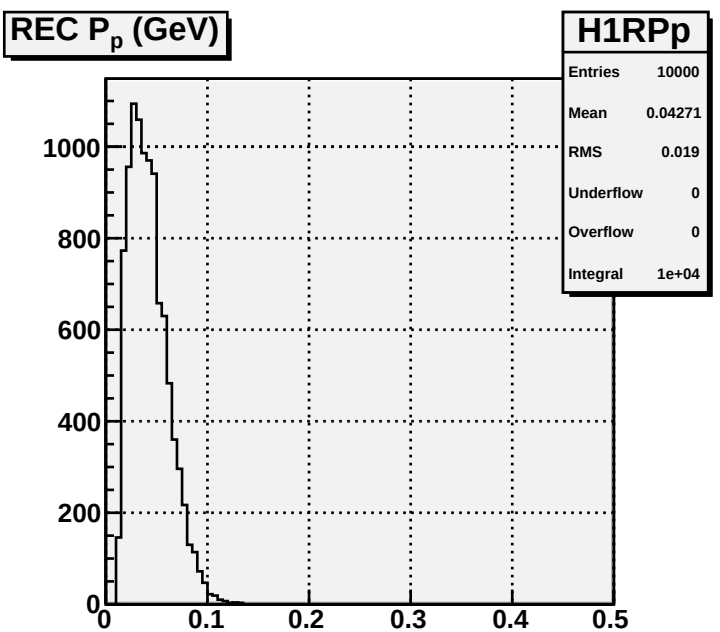

GEN-REC ΔE$_{\eta}$ (E1,E2)
H1Deta_E
Entries 10000
Mean 0.01347
RMS 0.1737
Underflow 0
Overflow 1108
Integral 8892
χ² / ndf 653.7 / 37
Prob 0
Constant 1016 ± 16.5
Mean -0.002083 ± 0.001426
Sigma 0.1294 ± 0.0015

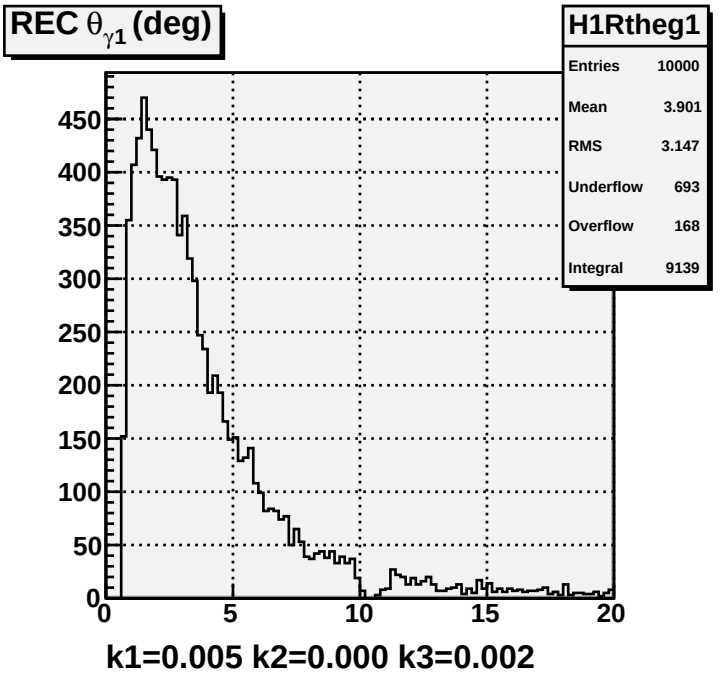

GEN-REC ΔE$_{\eta}$ (E,θ)
H1Deta_E2
Entries 10000
Mean -0.02049
RMS 0.2004
Underflow 1061
Overflow 83
Integral 8856
χ² / ndf 244.3 / 57
Prob 4.829e-25
Constant 1235 ± 16.2
Mean -0.0025 ± 0.0012
Sigma 0.1115 ± 0.0008

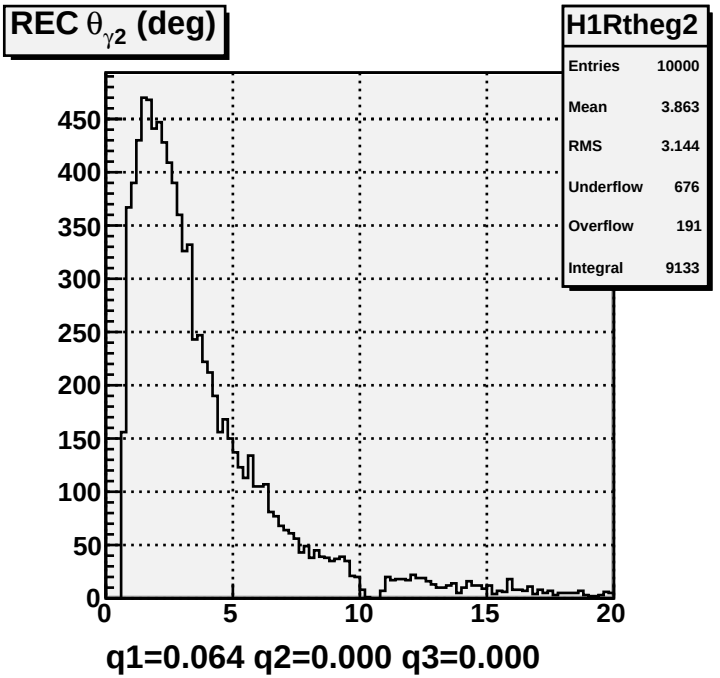

REC $E_{\gamma 1}$ (GeV)
H1REg1
Entries 10000
Mean 4.871
RMS 3.15
Underflow 0
Overflow 0
Integral 1e+04
k1=0.005 k2=0.000 k3=0.002

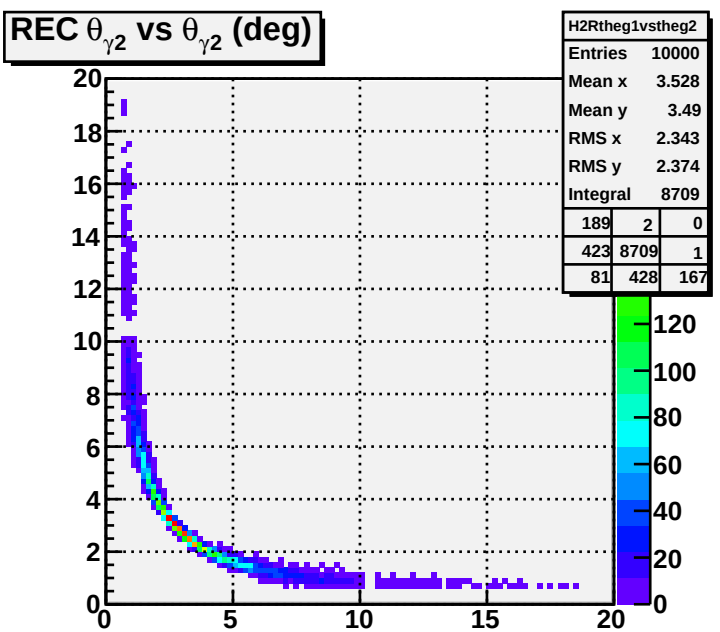

REC $E_{\gamma 2}$ (GeV)
H1REg2
Entries 10000
Mean 4.933
RMS 3.161
Underflow 0
Overflow 0
Integral 1e+04
q1=0.064 q2=0.000 q3=0.000

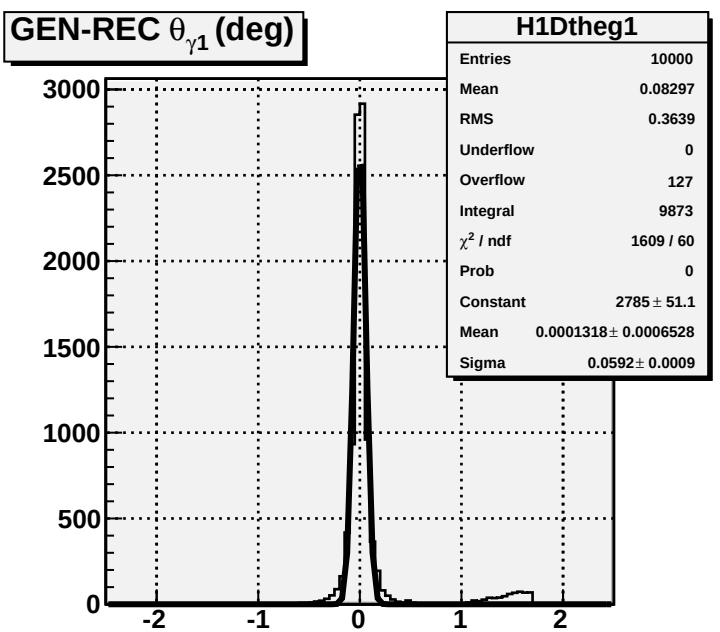

REC $E_{\gamma 2}$ vs $E_{\gamma 2}$GeV
H2REg1vsEg2
Entries 10000
Mean x 4.871
Mean y 4.933
RMS x 3.15
RMS y 3.161
Integral 1e+04
0 0 0
0 10000 0
0 0 0

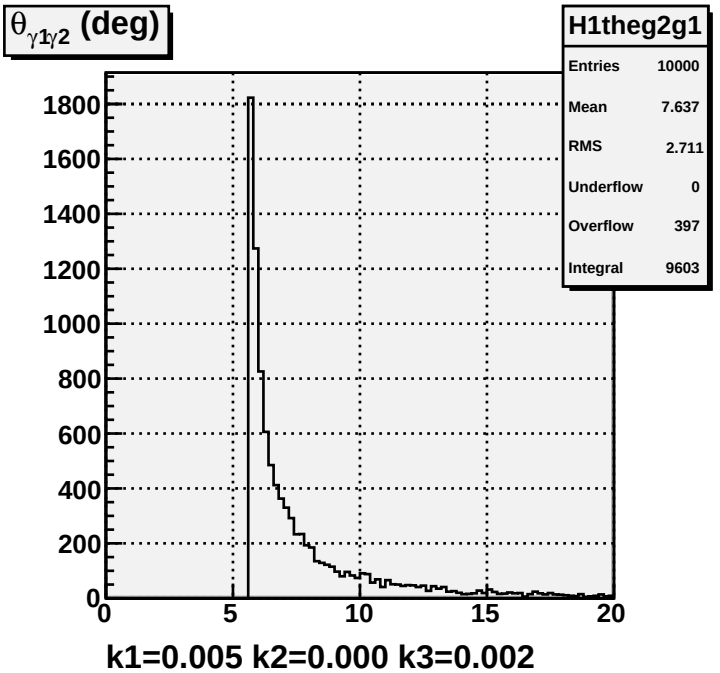

REC P_p (GeV)
H1RPp
Entries 10000
Mean 0.04271
RMS 0.019
Underflow 0
Overflow 0
Integral 1e+04

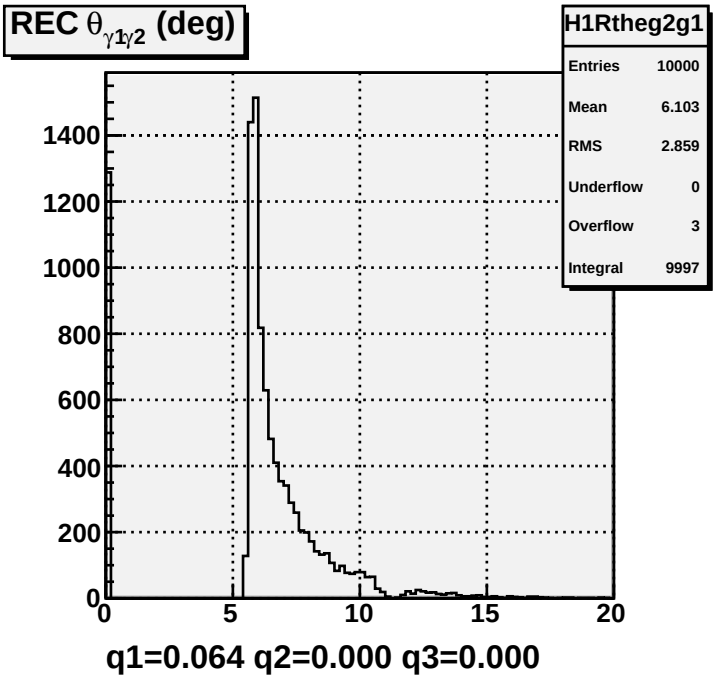

REC $\theta_{\gamma 1}$ (deg)
H1Rtheg1
Entries 10000
Mean 3.901
RMS 3.147
Underflow 693
Overflow 168
Integral 9139
k1=0.005 k2=0.000 k3=0.002

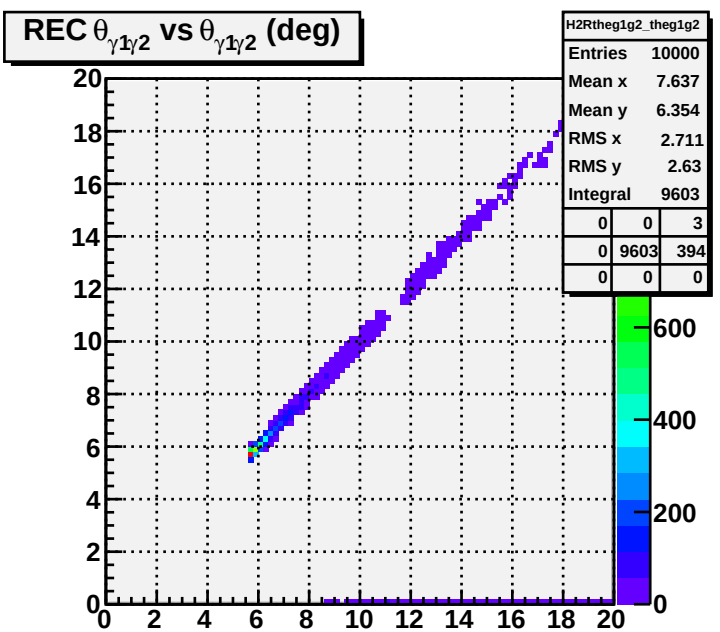

REC $\theta_{\gamma 2}$ (deg)
H1Rtheg2
Entries 10000
Mean 3.863
RMS 3.144
Underflow 676
Overflow 191
Integral 9133
q1=0.064 q2=0.000 q3=0.000

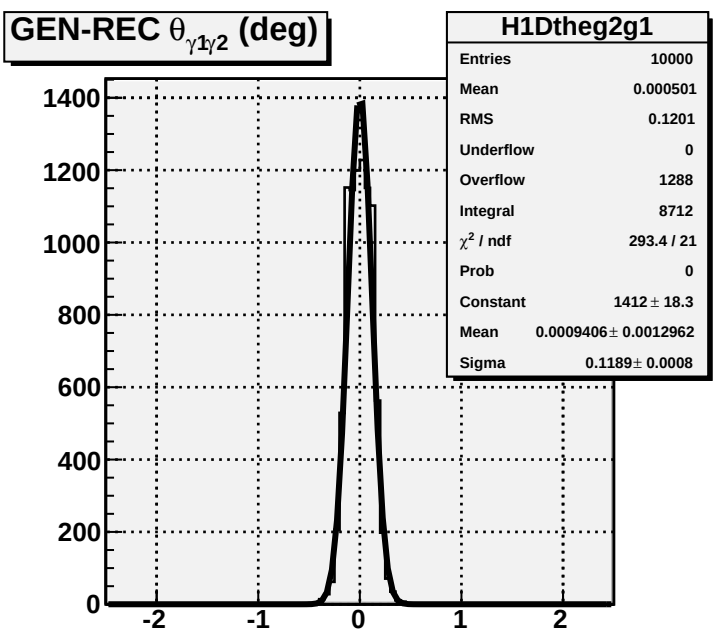

REC $\theta_{\gamma 2}$ vs $\theta_{\gamma 2}$ (deg)
H2Rtheg1vstheg2
Entries 10000
Mean x 3.528
Mean y 3.49
RMS x 2.343
RMS y 2.374
Integral 8709
189 2 0
423 8709 1
81 428 167

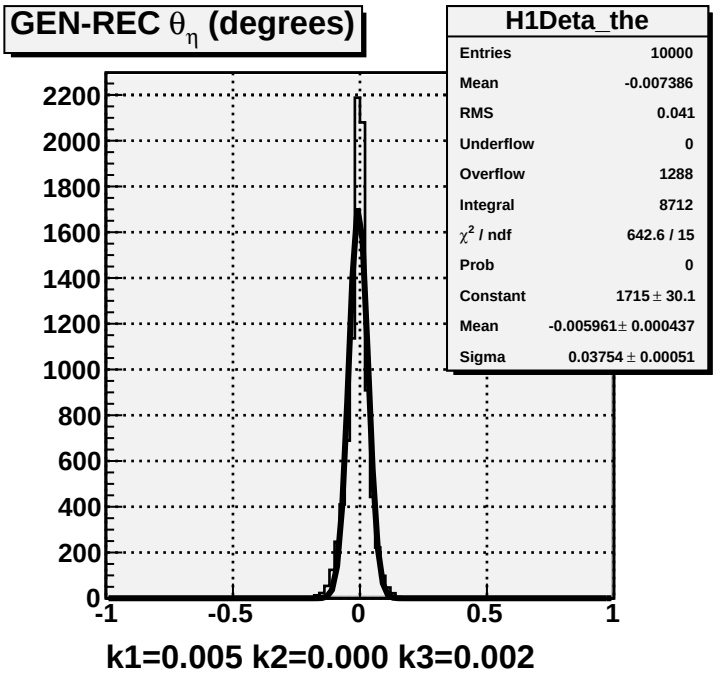

GEN-REC $\theta_{\gamma 1}$ (deg)
H1Dtheg1
Entries 10000
Mean 0.08297
RMS 0.3639
Underflow 0
Overflow 127
Integral 9873
χ^2 / ndf 1609 / 60
Prob 0
Constant 2785 ± 51.1
Mean 0.0001318 ± 0.0006528
Sigma 0.0592 ± 0.0009

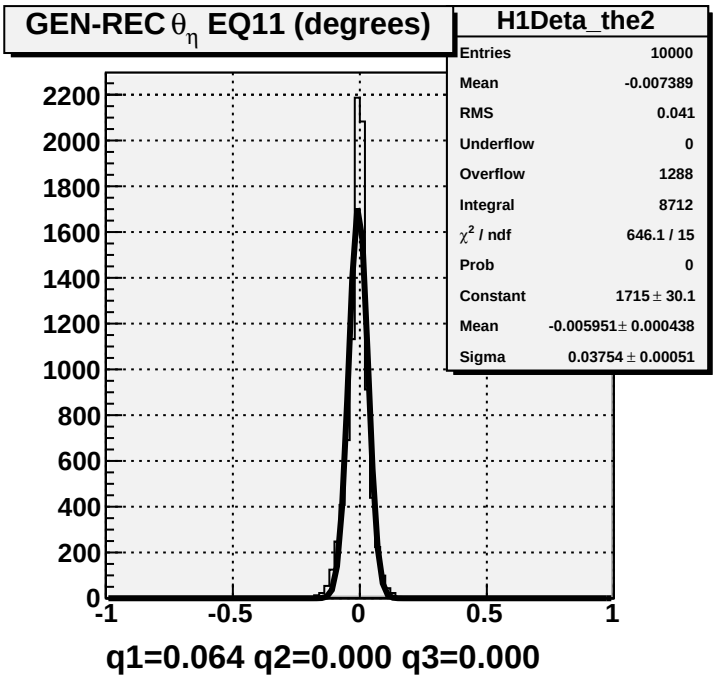

θγ1γ2 (deg)
H1theg2g1
Entries 10000
Mean 7.637
RMS 2.711
Underflow 0
Overflow 397
Integral 9603
k1=0.005 k2=0.000 k3=0.002

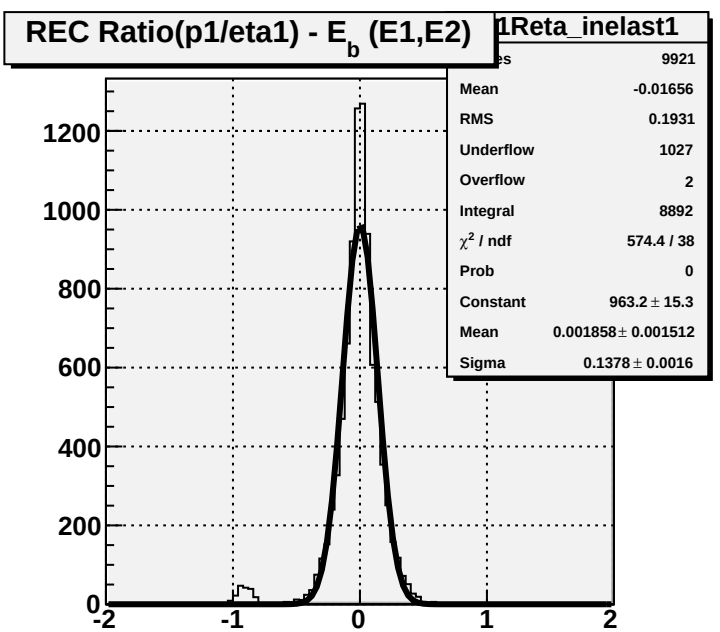

REC θγ1γ2 (deg)
H1Rtheg2g1
Entries 10000
Mean 6.103
RMS 2.859
Underflow 0
Overflow 3
Integral 9997
q1=0.064 q2=0.000 q3=0.000

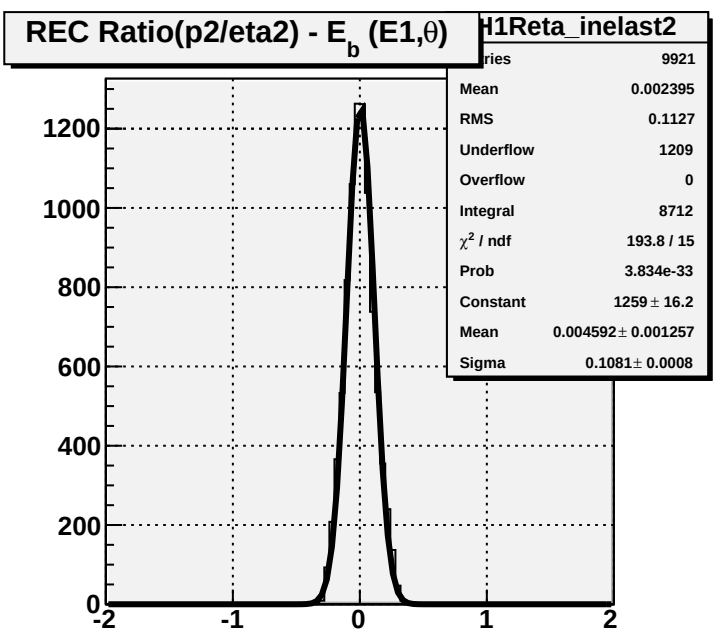

REC θγ1γ2 vs θγ1γ2 (deg)
H2Rtheg1g2_theg1g2
Entries 10000
Mean x 7.637
Mean y 6.354
RMS x 2.711
RMS y 2.63
Integral 9603
0 0 3
0 9603 394
0 0 0


GEN-REC θγ1γ2 (deg)
H1Dtheg2g1
Entries 10000
Mean 0.000501
RMS 0.1201
Underflow 0
Overflow 1288
Integral 8712
χ² / ndf 293.4 / 21
Prob 0
Constant 1412 ± 18.3
Mean 0.0009406 ± 0.0012962
Sigma 0.1189 ± 0.0008


GEN-REC θ_η (degrees)
H1Deta_the
Entries 10000
Mean -0.007386
RMS 0.041
Underflow 0
Overflow 1288
Integral 8712
χ^2 / ndf 642.6 / 15
Prob 0
Constant 1715 ± 30.1
Mean -0.005961 ± 0.000437
Sigma 0.03754 ± 0.00051
k1=0.005 k2=0.000 k3=0.002


GEN-REC θ_η EQ11 (degrees)
H1Deta_the2
Entries 10000
Mean -0.007389
RMS 0.041
Underflow 0
Overflow 1288
Integral 8712
χ^2 / ndf 646.1 / 15
Prob 0
Constant 1715 ± 30.1
Mean -0.005951 ± 0.000438
Sigma 0.03754 ± 0.00051
q1=0.064 q2=0.000 q3=0.000


REC Ratio(p1/eta1) - E_b (E1,E2)
1Reta_inelast1
9921
Mean -0.01656
RMS 0.1931
Underflow 1027
Overflow 2
Integral 8892
χ^2 / ndf 574.4 / 38
Prob 0
Constant 963.2 ± 15.3
Mean 0.001858 ± 0.001512
Sigma 0.1378 ± 0.0016


REC Ratio(p2/eta2) - E_b (E1,θ)
H1Reta_inelast2
9921
Mean 0.002395
RMS 0.1127
Underflow 1209
Overflow 0
Integral 8712
χ^2 / ndf 193.8 / 15
Prob 3.834e-33
Constant 1259 ± 16.2
Mean 0.004592 ± 0.001257
Sigma 0.1081 ± 0.0008