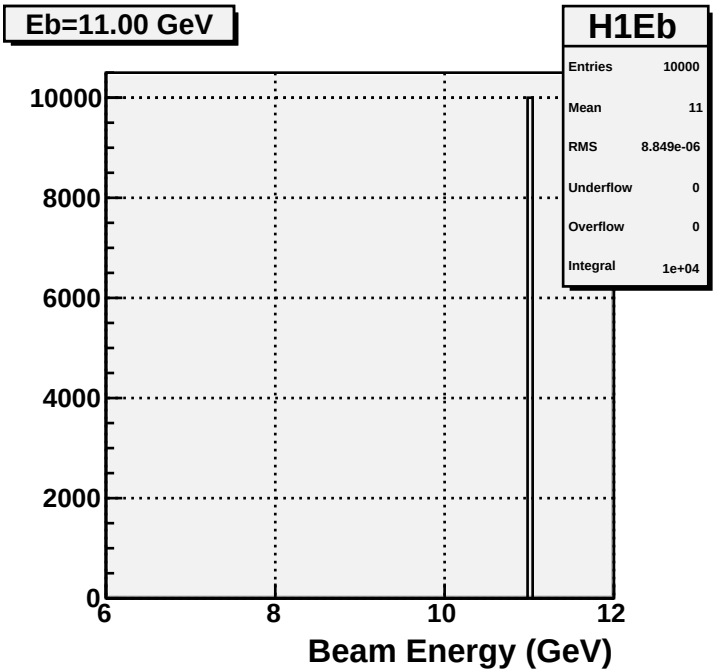
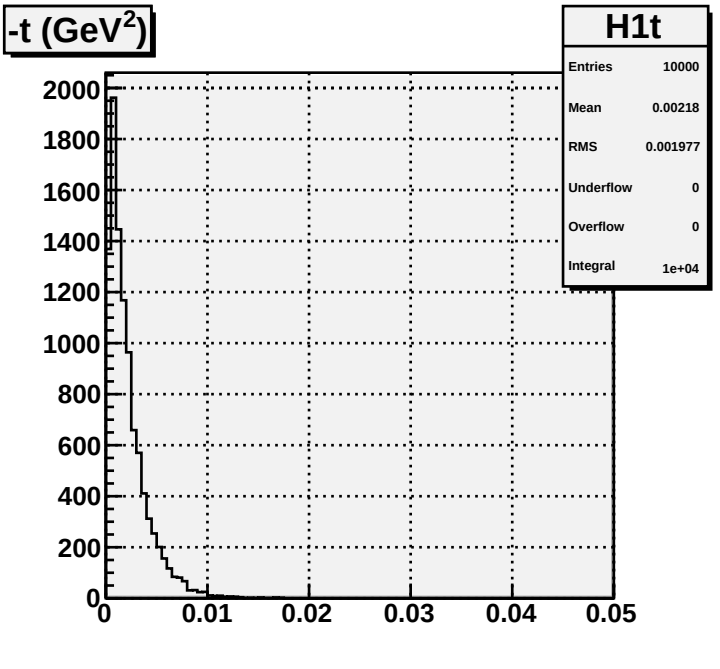
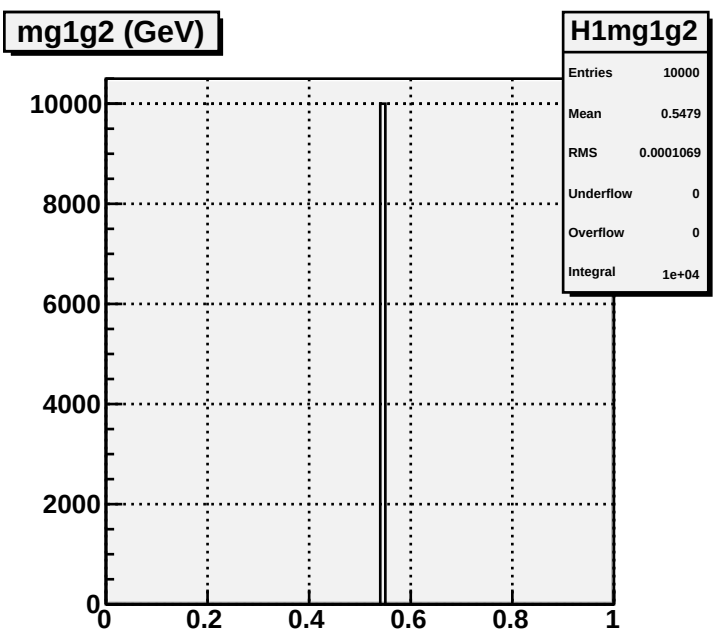
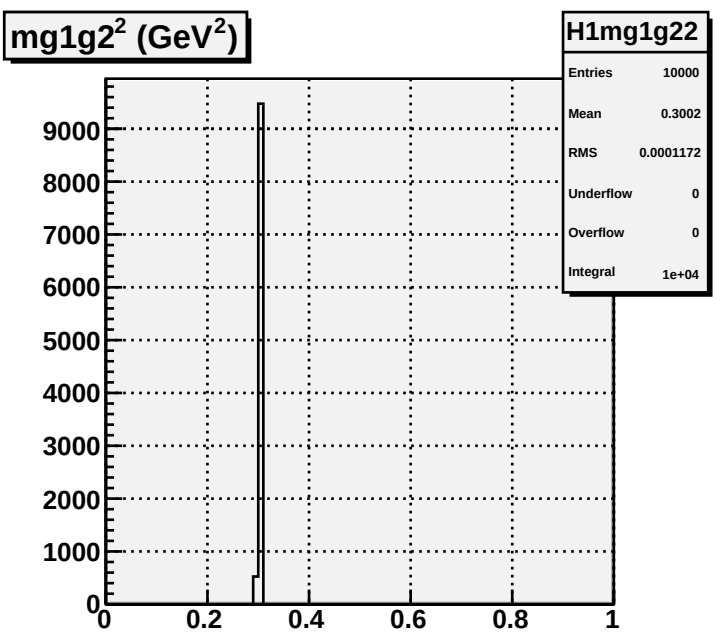
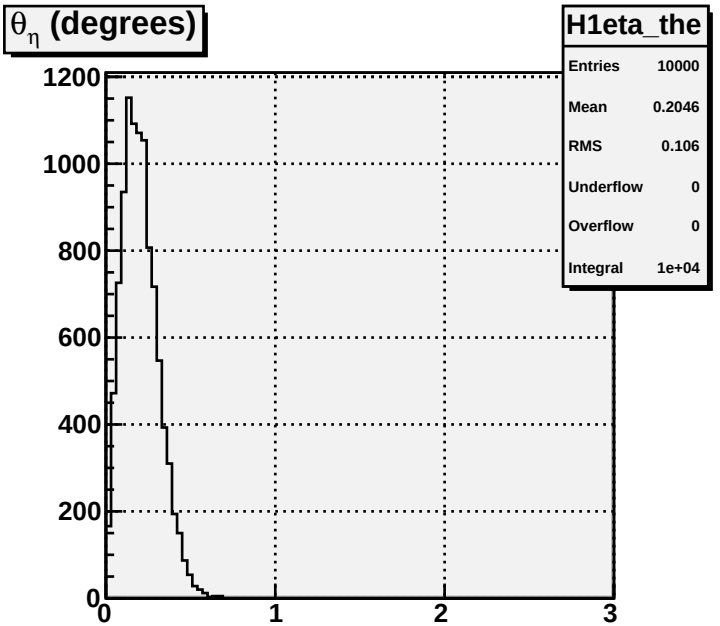
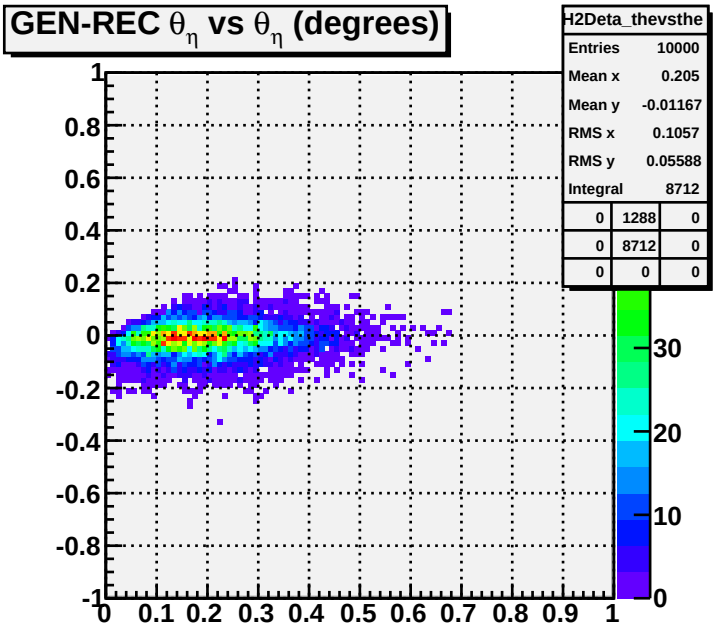

Eb=11.00 GeV
H1Eb
Entries 10000
Mean 11
RMS 8.849e-06
Underflow 0
Overflow 0
Integral 1e+04
10000
8000
6000
4000
2000
0
6
8
10
12
Beam Energy (GeV)

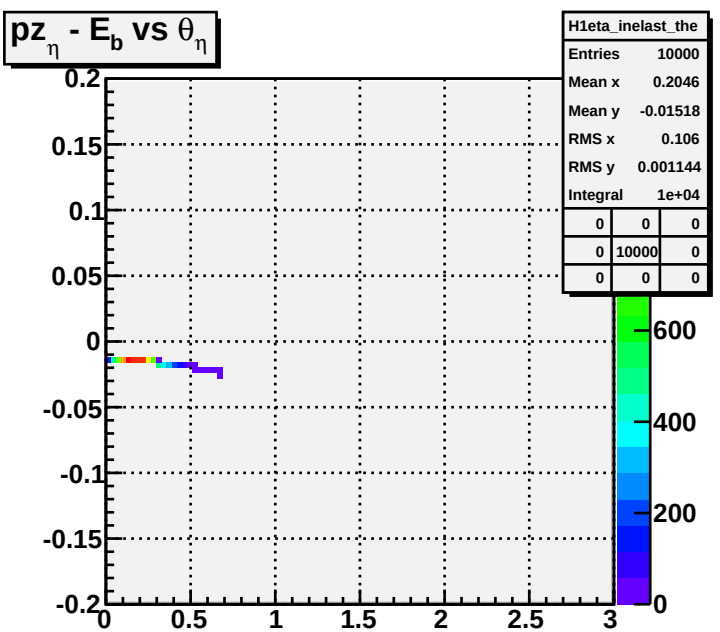

-t (GeV^2)
H1t
Entries 10000
Mean 0.00218
RMS 0.001977
Underflow 0
Overflow 0
Integral 1e+04
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.01
0.02
0.03
0.04
0.05

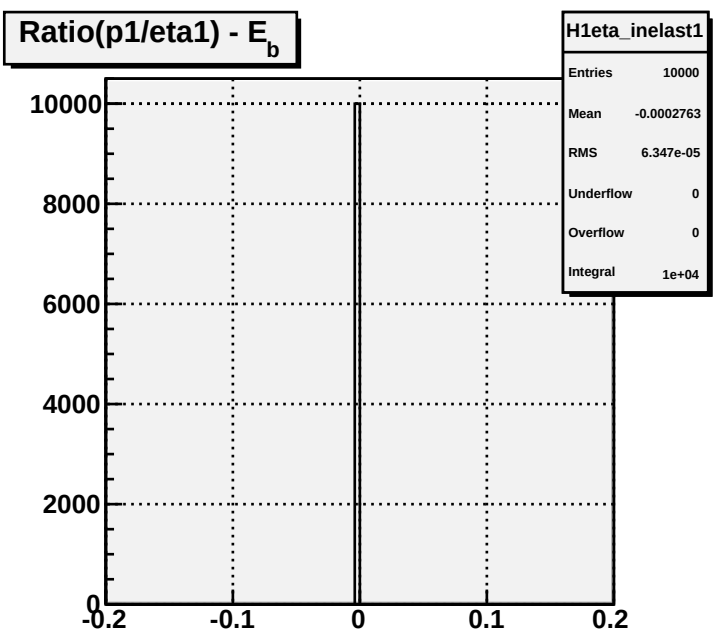

mg1g2 (GeV)
H1mg1g2
Entries 10000
Mean 0.5479
RMS 0.0001069
Underflow 0
Overflow 0
Integral 1e+04
10000
8000
6000
4000
2000
0
0
0.2
0.4
0.6
0.8
1

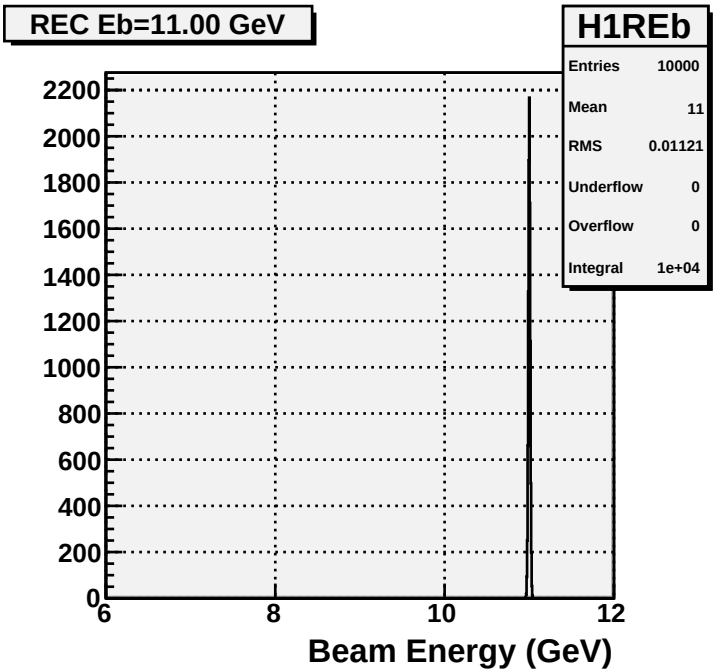

mg1g2^2 (GeV^2)
H1mg1g22
Entries 10000
Mean 0.3002
RMS 0.0001172
Underflow 0
Overflow 0
Integral 1e+04
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1

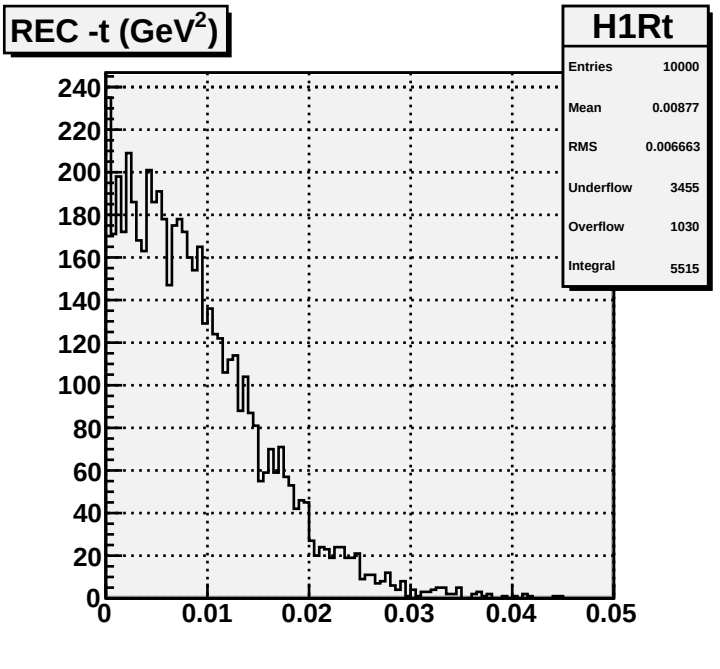

θη (degrees)
H1eta_the
Entries 10000
Mean 0.2046
RMS 0.106
Underflow 0
Overflow 0
Integral 1e+04

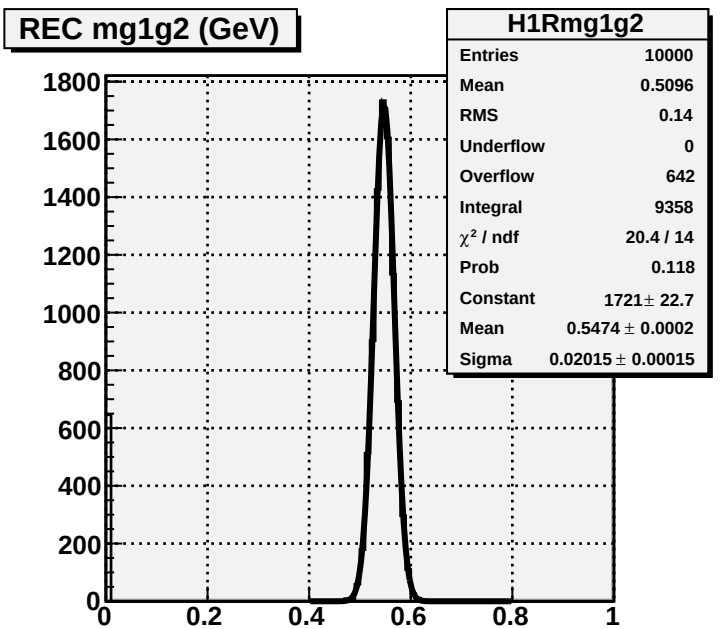

GEN-REC θη vs θη (degrees)
H2Deta_thevsthe
Entries 10000
Mean x 0.205
Mean y -0.01167
RMS x 0.1057
RMS y 0.05588
Integral 8712

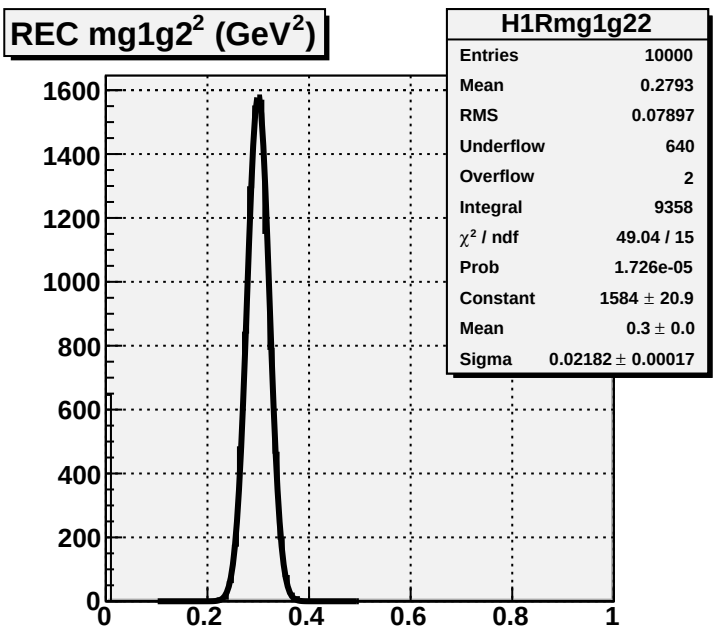

pzη - Eb vs θη
H1eta_inelast_the
Entries 10000
Mean x 0.2046
Mean y -0.01518
RMS x 0.106
RMS y 0.001144
Integral 1e+04

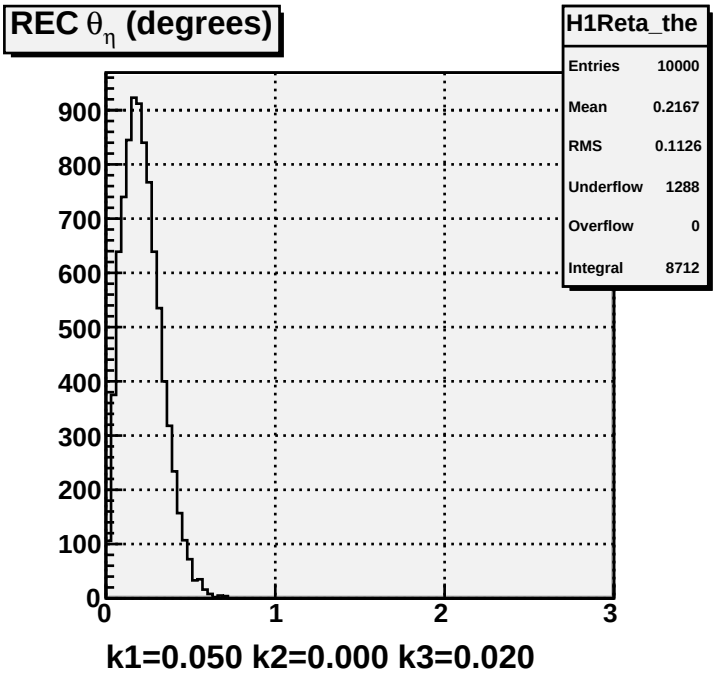

Ratio(p1/eta1) - Eb
H1eta_inelast1
Entries 10000
Mean -0.0002763
RMS 6.347e-05
Underflow 0
Overflow 0
Integral 1e+04

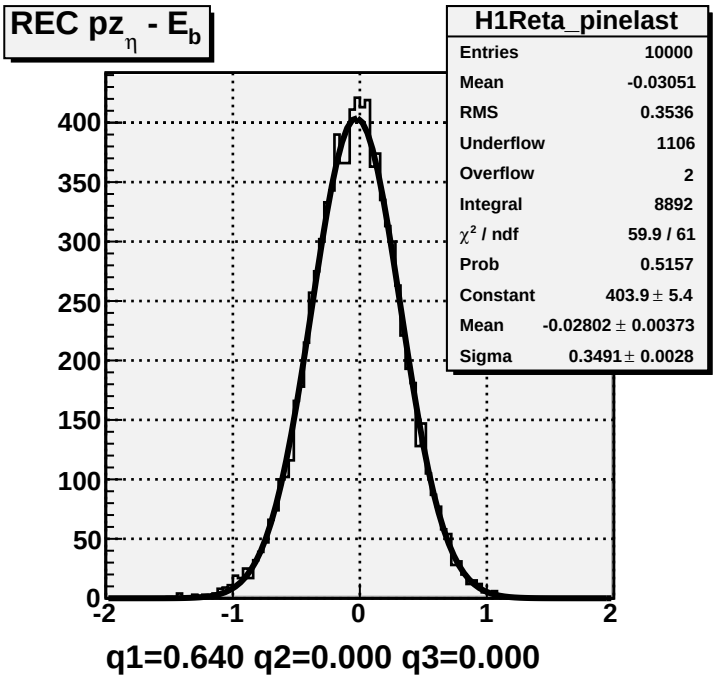

REC Eb=11.00 GeV
H1REb
Entries 10000
Mean 11
RMS 0.01121
Underflow 0
Overflow 0
Integral 1e+04
Beam Energy (GeV)

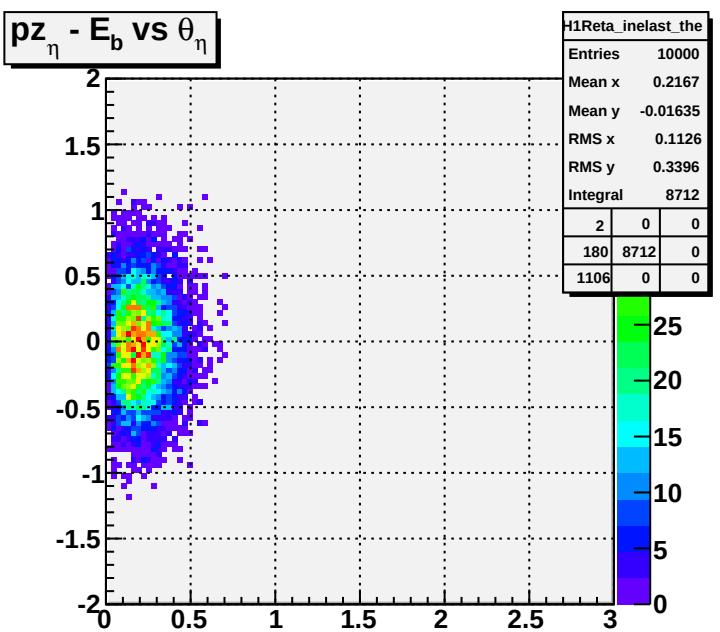

REC -t (GeV^2)
H1Rt
Entries 10000
Mean 0.00877
RMS 0.006663
Underflow 3455
Overflow 1030
Integral 5515

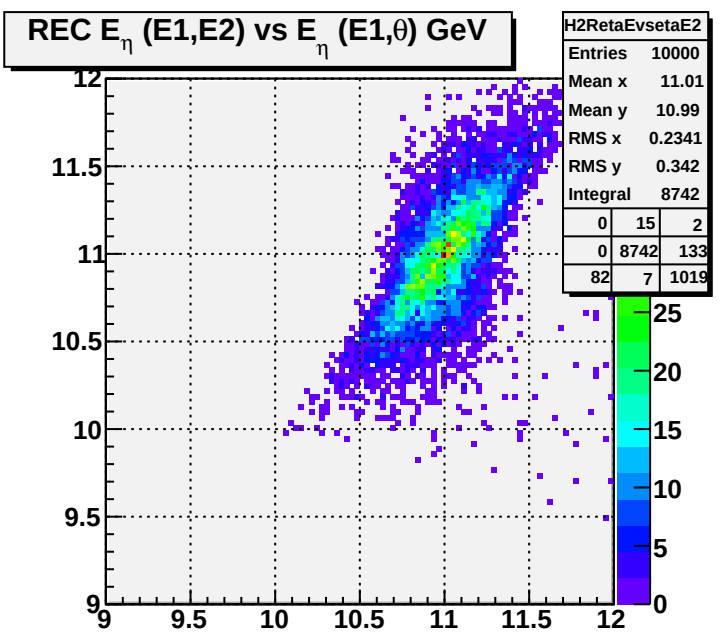

REC mg1g2 (GeV)
H1Rmg1g2
Entries 10000
Mean 0.5096
RMS 0.14
Underflow 0
Overflow 642
Integral 9358
χ^2 / ndf 20.4 / 14
Prob 0.118
Constant 1721 ± 22.7
Mean 0.5474 ± 0.0002
Sigma 0.02015 ± 0.00015

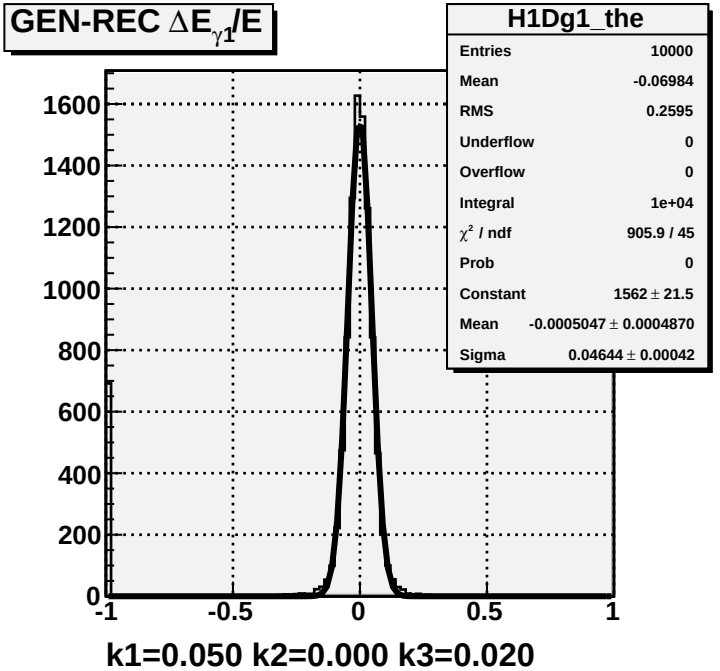

REC mg1g2^2 (GeV^2)
H1Rmg1g22
Entries 10000
Mean 0.2793
RMS 0.07897
Underflow 640
Overflow 2
Integral 9358
χ^2 / ndf 49.04 / 15
Prob 1.726e-05
Constant 1584 ± 20.9
Mean 0.3 ± 0.0
Sigma 0.02182 ± 0.00017

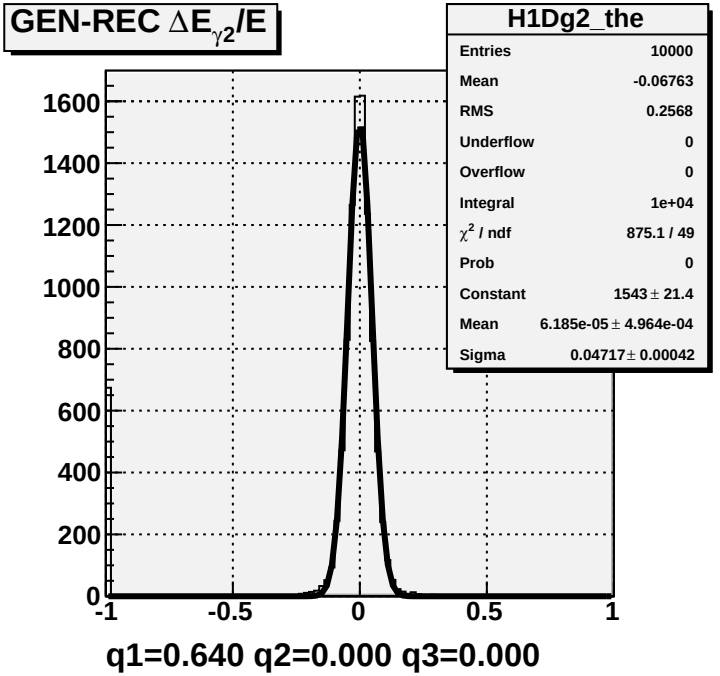

REC θη (degrees)
H1Reta_the
Entries 10000
Mean 0.2167
RMS 0.1126
Underflow 1288
Overflow 0
Integral 8712
k1=0.050 k2=0.000 k3=0.020

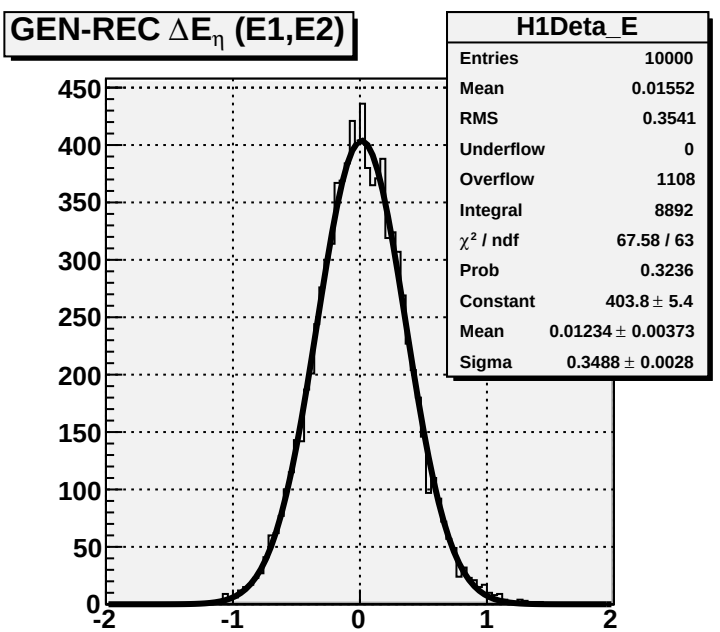

REC pzη - Eb
H1Reta_pinelast
Entries 10000
Mean -0.03051
RMS 0.3536
Underflow 1106
Overflow 2
Integral 8892
χ² / ndf 59.9 / 61
Prob 0.5157
Constant 403.9 ± 5.4
Mean -0.02802 ± 0.00373
Sigma 0.3491 ± 0.0028
q1=0.640 q2=0.000 q3=0.000

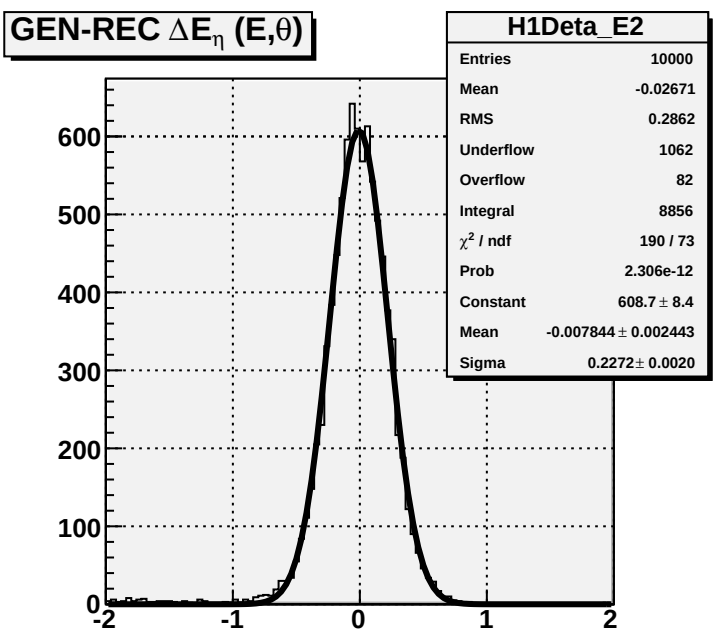

pzη - Eb vs θη
H1Reta_inelast_the
Entries 10000
Mean x 0.2167
Mean y -0.01635
RMS x 0.1126
RMS y 0.3396
Integral 8712
2 0 0
180 8712 0
1106 0 0

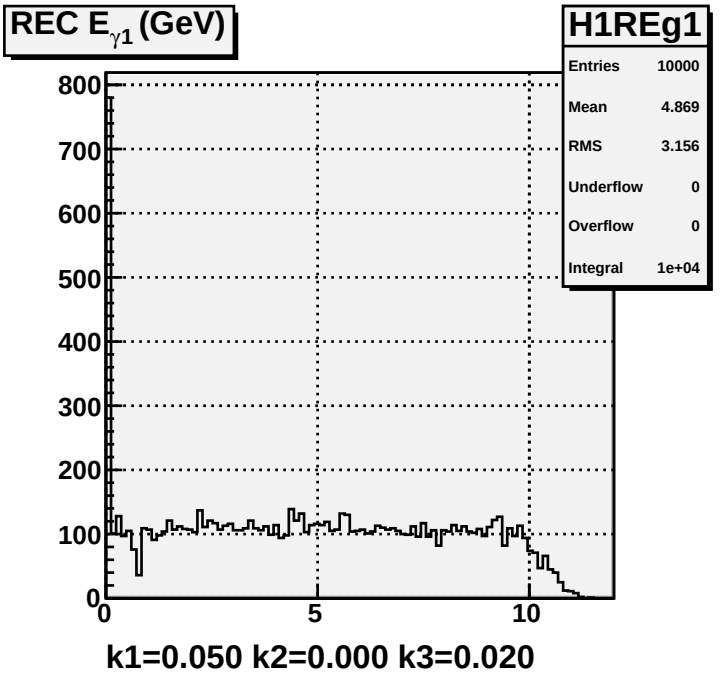

REC Eη (E1,E2) vs Eη (E1,θ) GeV
H2RetaEvsetaE2
Entries 10000
Mean x 11.01
Mean y 10.99
RMS x 0.2341
RMS y 0.342
Integral 8742
0 15 2
0 8742 133
82 7 1019

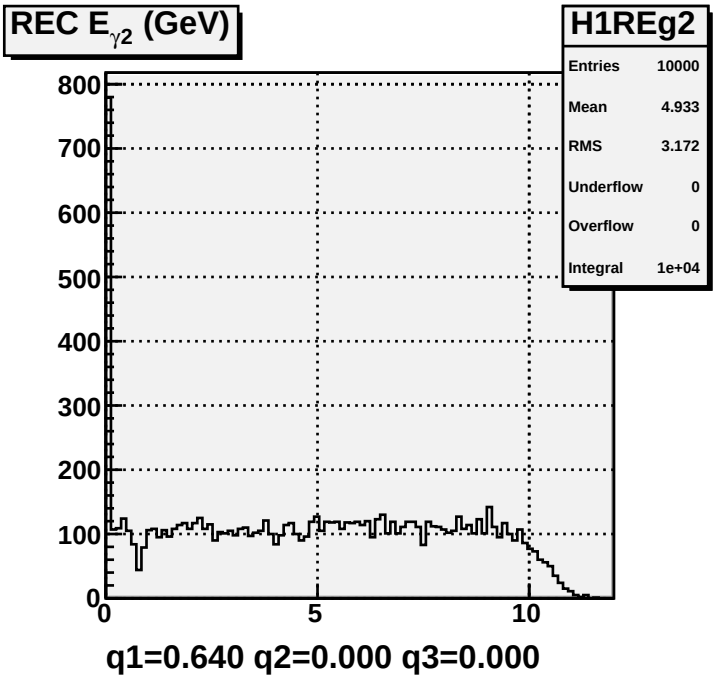

GEN-REC ΔE$_{\gamma 1}$/E
H1Dg1_the
Entries 10000
Mean -0.06984
RMS 0.2595
Underflow 0
Overflow 0
Integral 1e+04
χ² / ndf 905.9 / 45
Prob 0
Constant 1562 ± 21.5
Mean -0.0005047 ± 0.0004870
Sigma 0.04644 ± 0.00042
k1=0.050 k2=0.000 k3=0.020

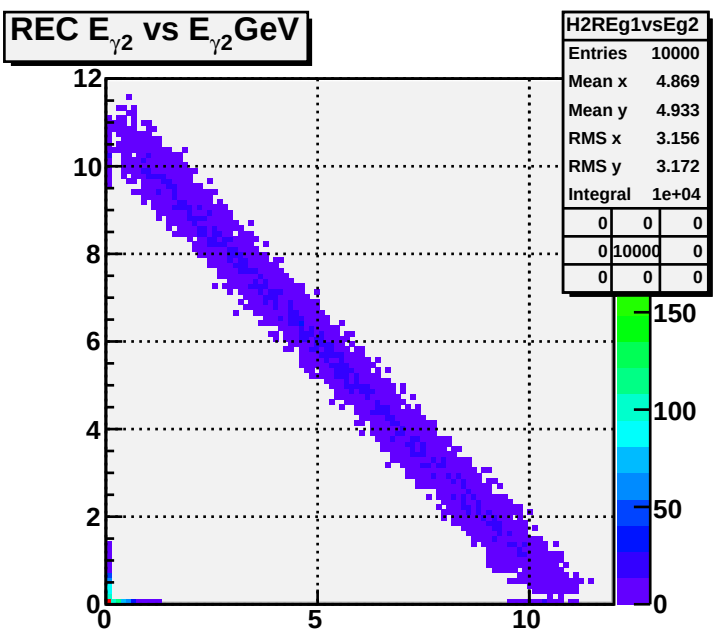

GEN-REC ΔE$_{\gamma 2}$/E
H1Dg2_the
Entries 10000
Mean -0.06763
RMS 0.2568
Underflow 0
Overflow 0
Integral 1e+04
χ² / ndf 875.1 / 49
Prob 0
Constant 1543 ± 21.4
Mean 6.185e-05 ± 4.964e-04
Sigma 0.04717 ± 0.00042
q1=0.640 q2=0.000 q3=0.000

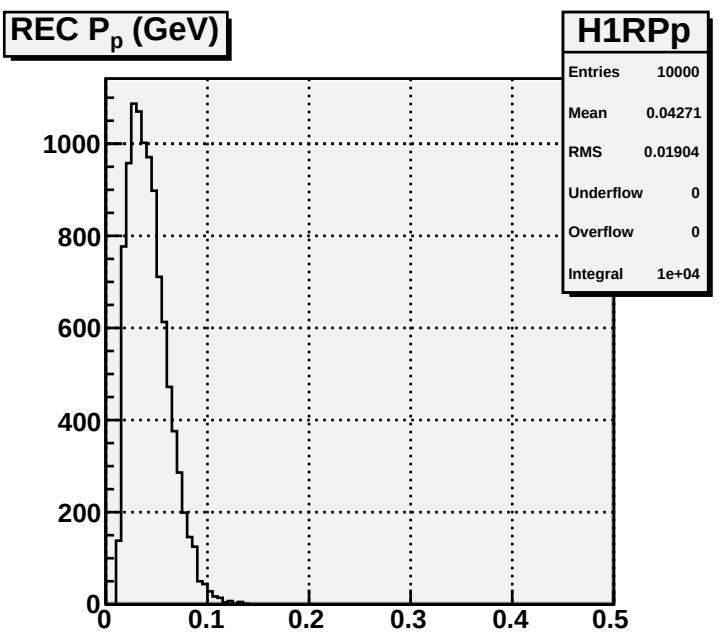

GEN-REC ΔE$_{\eta}$ (E1,E2)
H1Deta_E
Entries 10000
Mean 0.01552
RMS 0.3541
Underflow 0
Overflow 1108
Integral 8892
χ² / ndf 67.58 / 63
Prob 0.3236
Constant 403.8 ± 5.4
Mean 0.01234 ± 0.00373
Sigma 0.3488 ± 0.0028

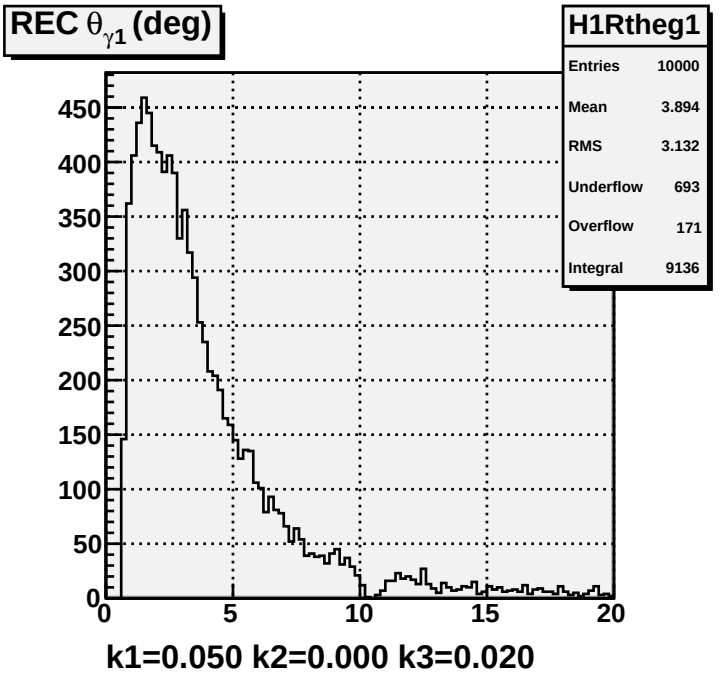

GEN-REC ΔE$_{\eta}$ (E,θ)
H1Deta_E2
Entries 10000
Mean -0.02671
RMS 0.2862
Underflow 1062
Overflow 82
Integral 8856
χ² / ndf 190 / 73
Prob 2.306e-12
Constant 608.7 ± 8.4
Mean -0.007844 ± 0.002443
Sigma 0.2272 ± 0.0020

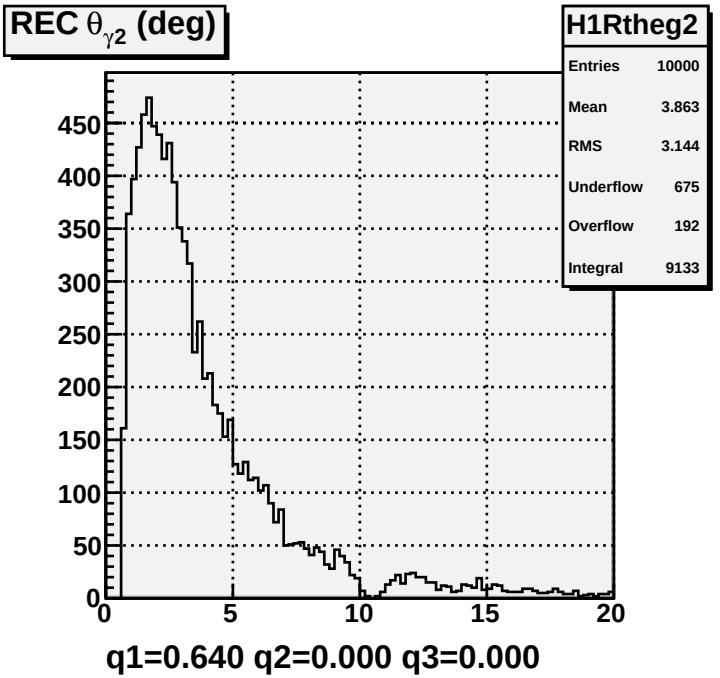

REC $E_{\gamma 1}$ (GeV)
H1REg1
Entries 10000
Mean 4.869
RMS 3.156
Underflow 0
Overflow 0
Integral 1e+04
k1=0.050 k2=0.000 k3=0.020

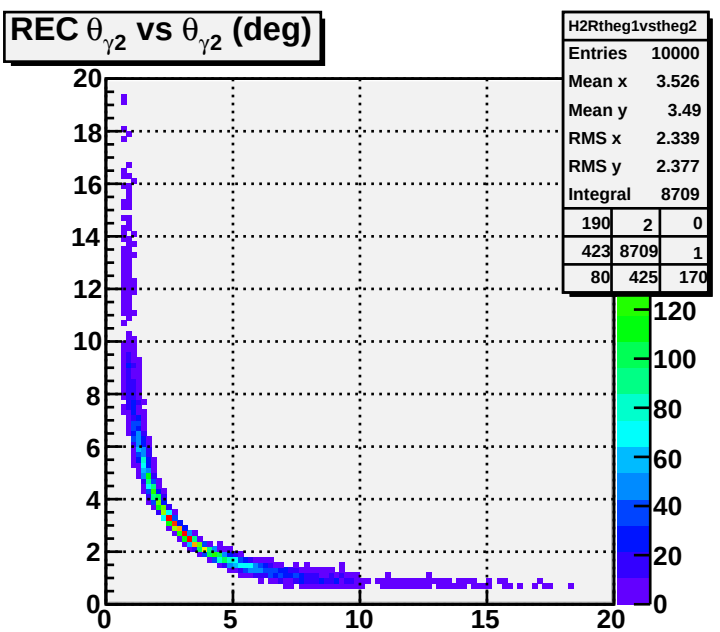

REC $E_{\gamma 2}$ (GeV)
H1REg2
Entries 10000
Mean 4.933
RMS 3.172
Underflow 0
Overflow 0
Integral 1e+04
q1=0.640 q2=0.000 q3=0.000

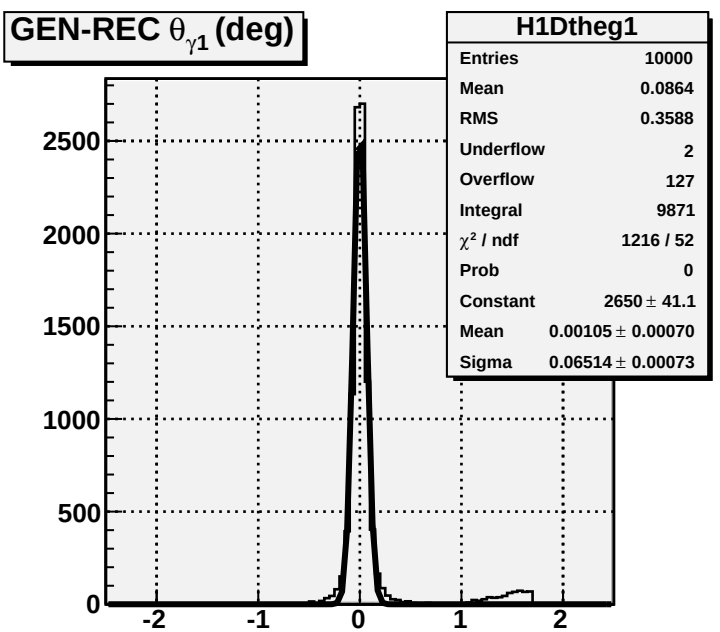

REC $E_{\gamma 2}$ vs $E_{\gamma 2}$GeV
H2REg1vsEg2
Entries 10000
Mean x 4.869
Mean y 4.933
RMS x 3.156
RMS y 3.172
Integral 1e+04
0 0 0
0 10000 0
0 0 0

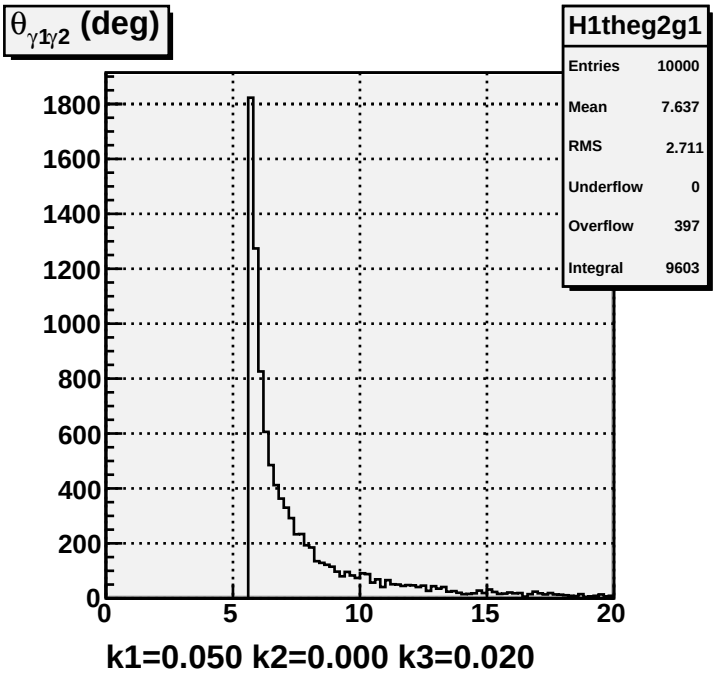

REC P_p (GeV)
H1RPp
Entries 10000
Mean 0.04271
RMS 0.01904
Underflow 0
Overflow 0
Integral 1e+04

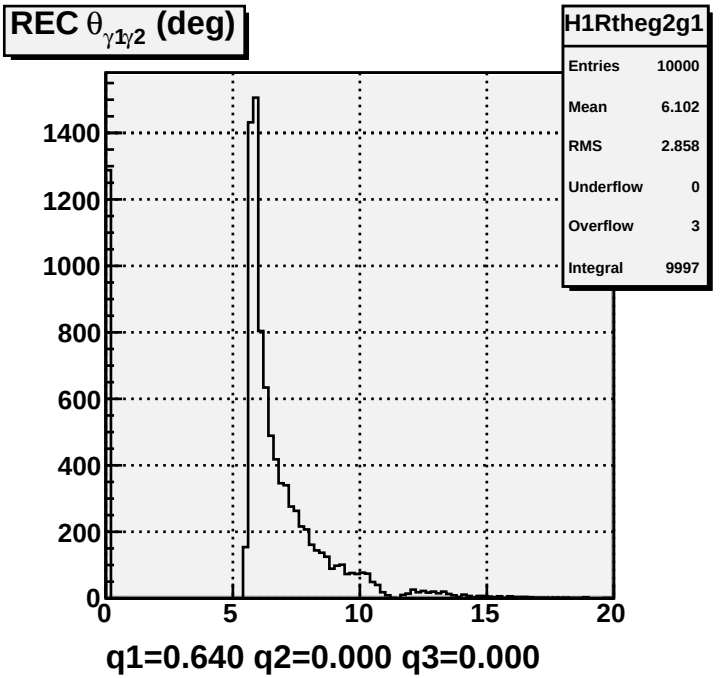

REC $\theta_{\gamma 1}$ (deg)
H1Rtheg1
Entries 10000
Mean 3.894
RMS 3.132
Underflow 693
Overflow 171
Integral 9136
k1=0.050 k2=0.000 k3=0.020

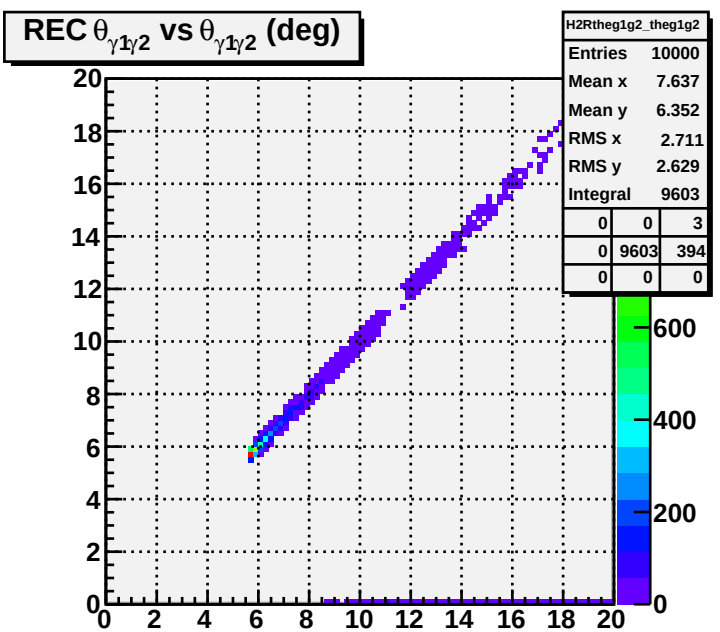

REC $\theta_{\gamma 2}$ (deg)
H1Rtheg2
Entries 10000
Mean 3.863
RMS 3.144
Underflow 675
Overflow 192
Integral 9133
q1=0.640 q2=0.000 q3=0.000

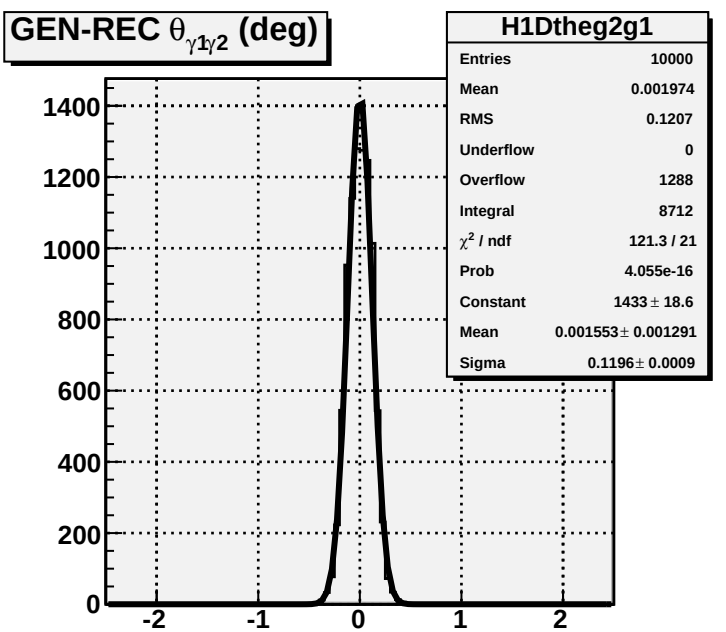

REC $\theta_{\gamma 2}$ vs $\theta_{\gamma 2}$ (deg)
H2Rtheg1vstheg2
Entries 10000
Mean x 3.526
Mean y 3.49
RMS x 2.339
RMS y 2.377
Integral 8709
190 2 0
423 8709 1
80 425 170

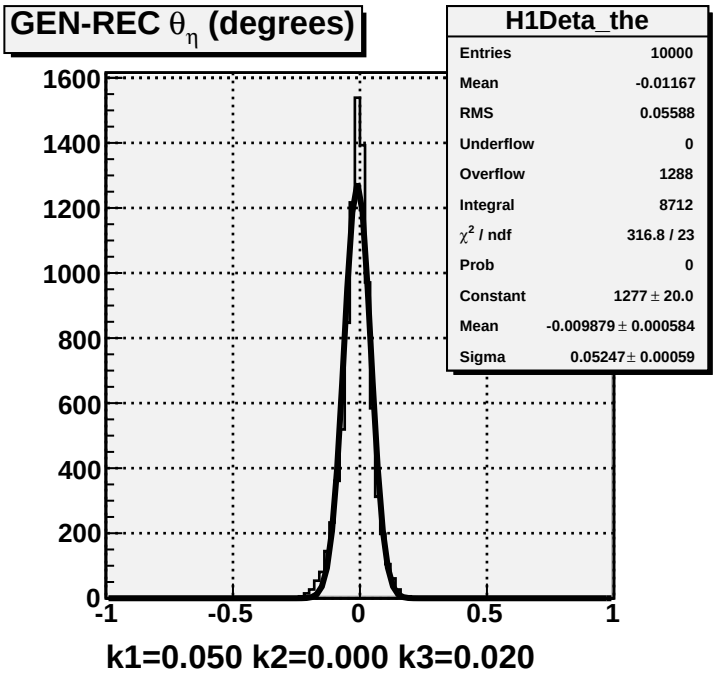

GEN-REC $\theta_{\gamma 1}$ (deg)
H1Dtheg1
Entries 10000
Mean 0.0864
RMS 0.3588
Underflow 2
Overflow 127
Integral 9871
χ^2 / ndf 1216 / 52
Prob 0
Constant 2650 ± 41.1
Mean 0.00105 ± 0.00070
Sigma 0.06514 ± 0.00073

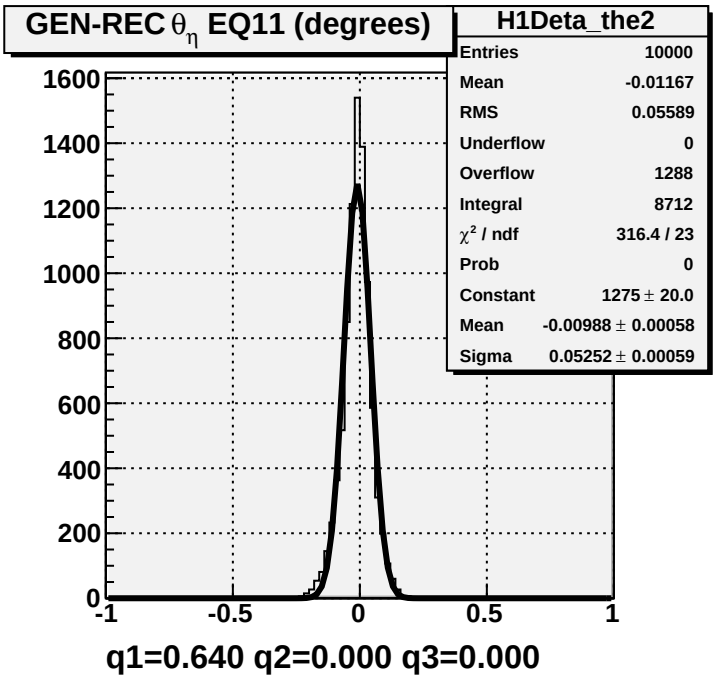

θγ1γ2 (deg)
H1theg2g1
Entries 10000
Mean 7.637
RMS 2.711
Underflow 0
Overflow 397
Integral 9603
k1=0.050 k2=0.000 k3=0.020

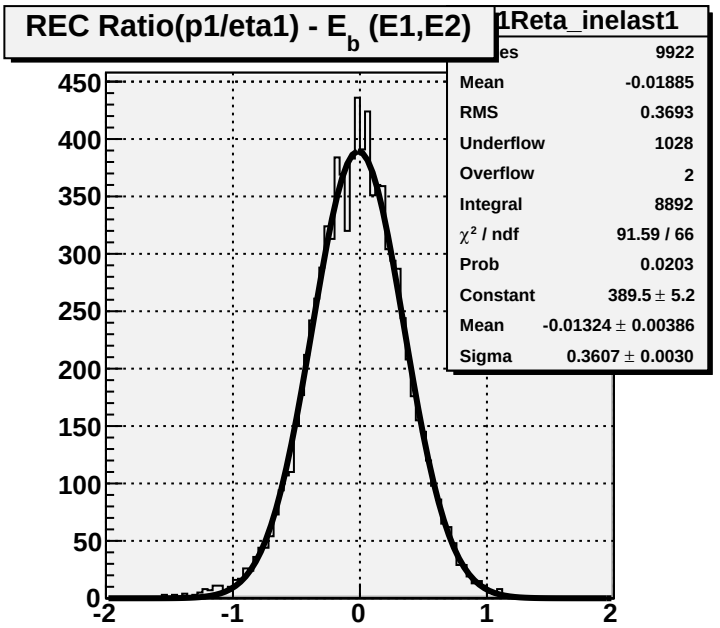

REC θγ1γ2 (deg)
H1Rtheg2g1
Entries 10000
Mean 6.102
RMS 2.858
Underflow 0
Overflow 3
Integral 9997
q1=0.640 q2=0.000 q3=0.000

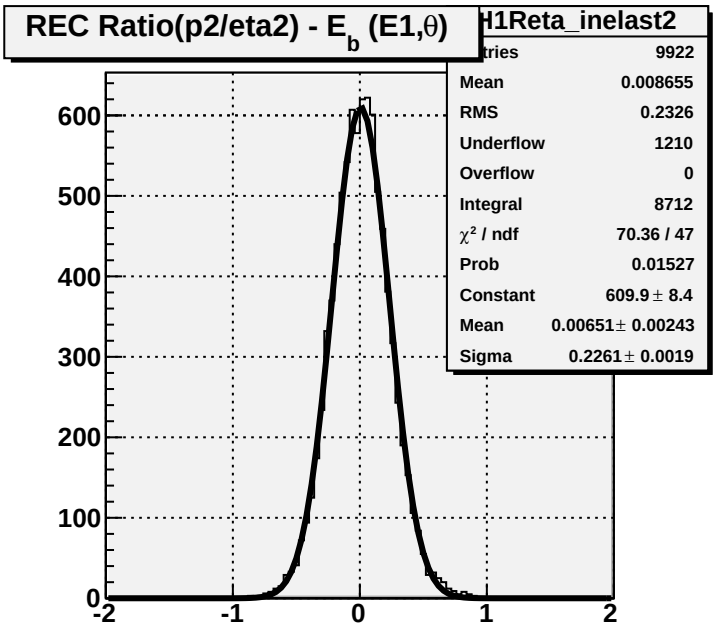

REC θγ1γ2 vs θγ1γ2 (deg)
H2Rtheg1g2_theg1g2
Entries 10000
Mean x 7.637
Mean y 6.352
RMS x 2.711
RMS y 2.629
Integral 9603
0 0 3
0 9603 394
0 0 0

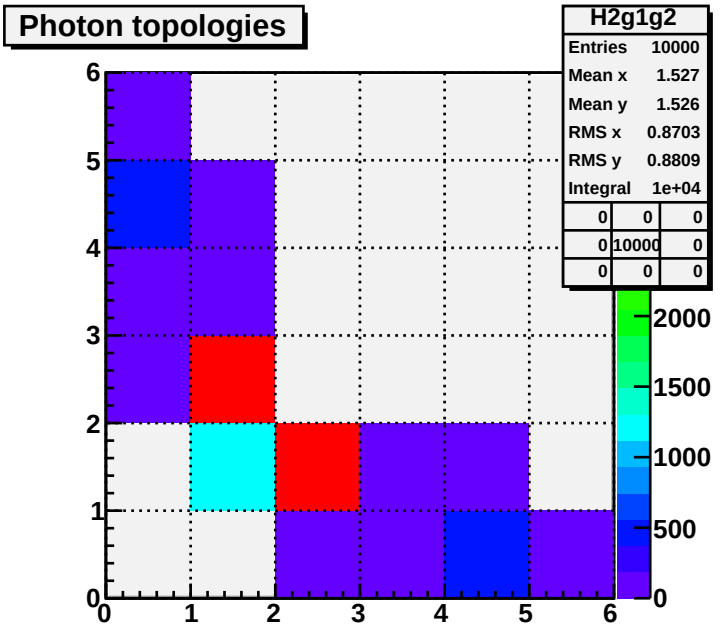

GEN-REC θγ1γ2 (deg)
H1Dtheg2g1
Entries 10000
Mean 0.001974
RMS 0.1207
Underflow 0
Overflow 1288
Integral 8712
χ² / ndf 121.3 / 21
Prob 4.055e-16
Constant 1433 ± 18.6
Mean 0.001553 ± 0.001291
Sigma 0.1196 ± 0.0009


GEN-REC θ_η (degrees)
H1Deta_the
Entries 10000
Mean -0.01167
RMS 0.05588
Underflow 0
Overflow 1288
Integral 8712
χ^2 / ndf 316.8 / 23
Prob 0
Constant 1277 ± 20.0
Mean -0.009879 ± 0.000584
Sigma 0.05247 ± 0.00059
k1=0.050 k2=0.000 k3=0.020


GEN-REC θ_η EQ11 (degrees)
H1Deta_the2
Entries 10000
Mean -0.01167
RMS 0.05589
Underflow 0
Overflow 1288
Integral 8712
χ^2 / ndf 316.4 / 23
Prob 0
Constant 1275 ± 20.0
Mean -0.00988 ± 0.00058
Sigma 0.05252 ± 0.00059
q1=0.640 q2=0.000 q3=0.000


REC Ratio(p1/eta1) - E_b (E1,E2)
H1Reta_inelast1
Entries 9922
Mean -0.01885
RMS 0.3693
Underflow 1028
Overflow 2
Integral 8892
χ^2 / ndf 91.59 / 66
Prob 0.0203
Constant 389.5 ± 5.2
Mean -0.01324 ± 0.00386
Sigma 0.3607 ± 0.0030


REC Ratio(p2/eta2) - E_b (E1,θ)
H1Reta_inelast2
Entries 9922
Mean 0.008655
RMS 0.2326
Underflow 1210
Overflow 0
Integral 8712
χ^2 / ndf 70.36 / 47
Prob 0.01527
Constant 609.9 ± 8.4
Mean 0.00651 ± 0.00243
Sigma 0.2261 ± 0.0019



4 0 0 0 0 0

499 148 0 0 0 0

33 95 0 0 0 0

32 3560 0 0 0 0

0 1144 3725 85 135 0

0 0 29 31 476 4

k1=0.050 k2=0.000 k3=0.020

q1=0.640 q2=0.000 q3=0.000