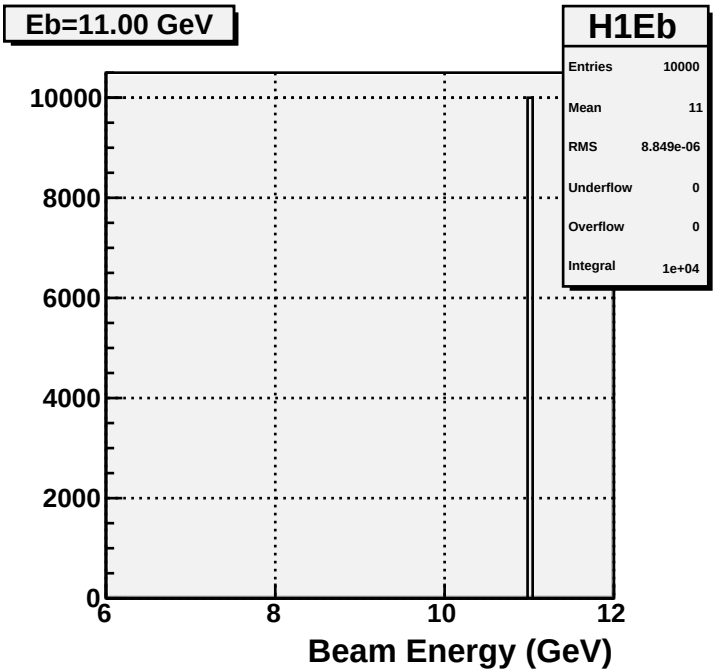
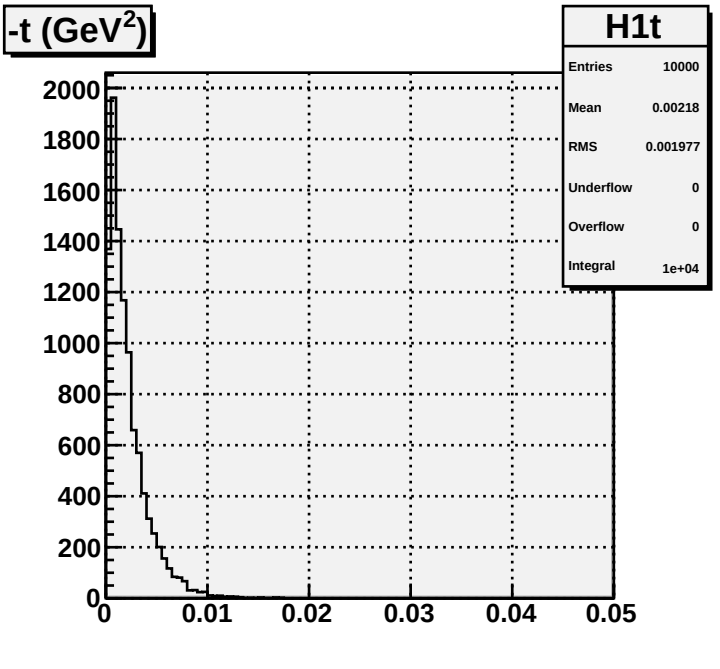
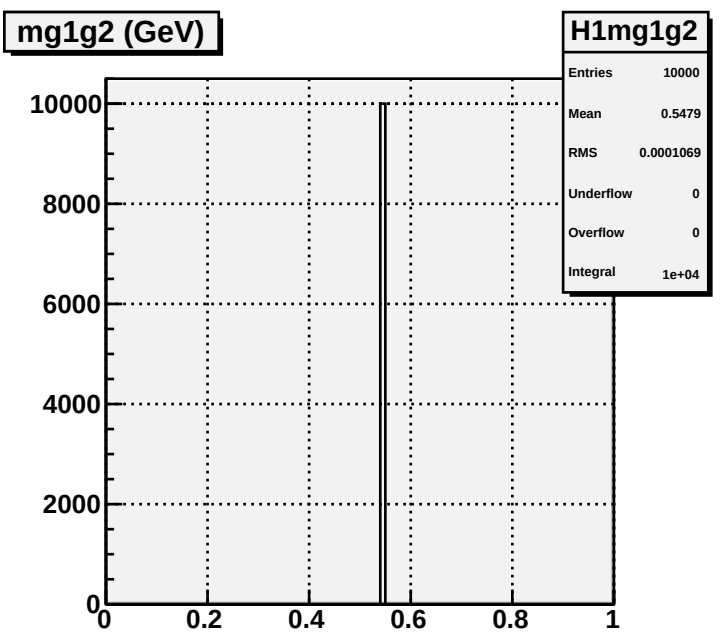
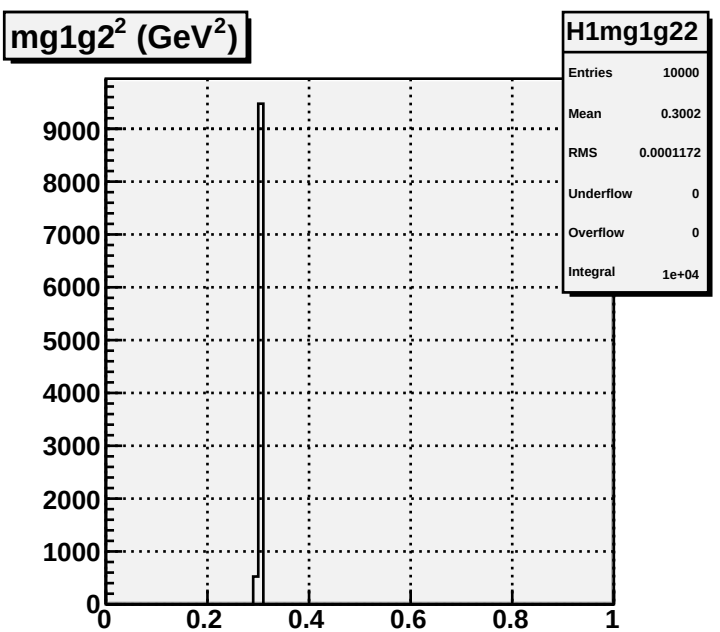
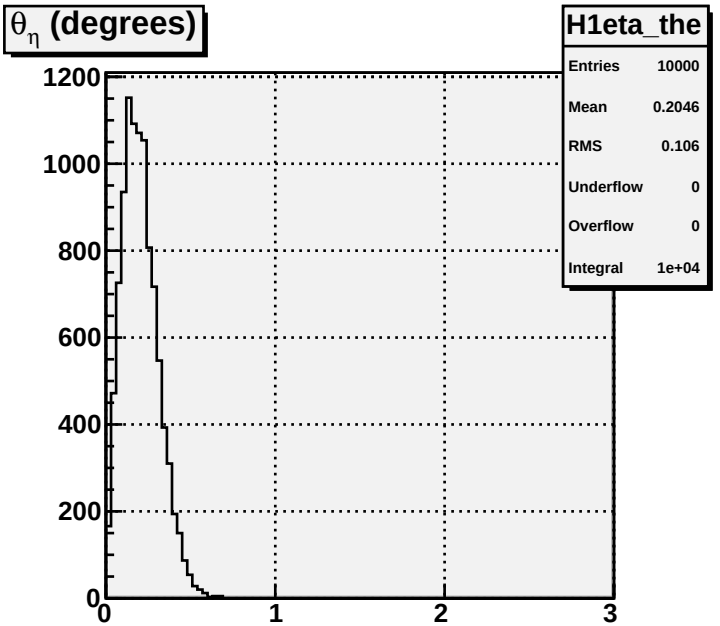
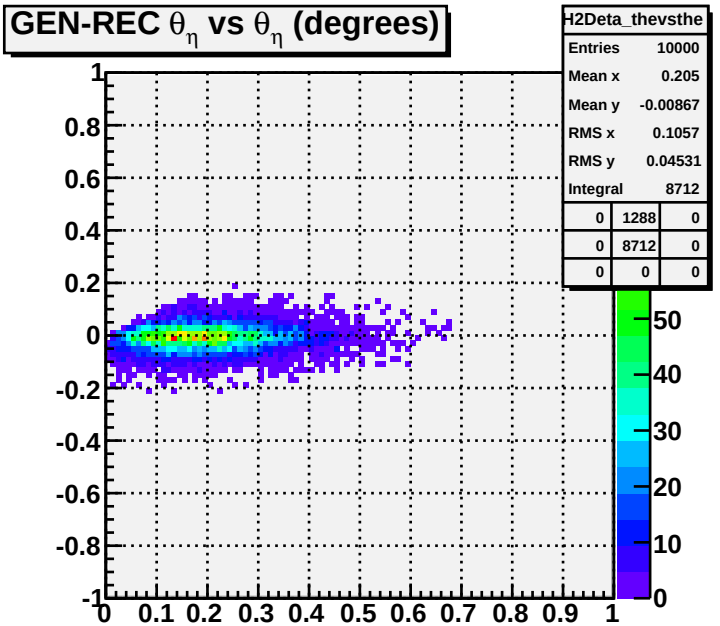

Eb=11.00 GeV
H1Eb
Entries 10000
Mean 11
RMS 8.849e-06
Underflow 0
Overflow 0
Integral 1e+04
10000
8000
6000
4000
2000
0
6
8
10
12
Beam Energy (GeV)

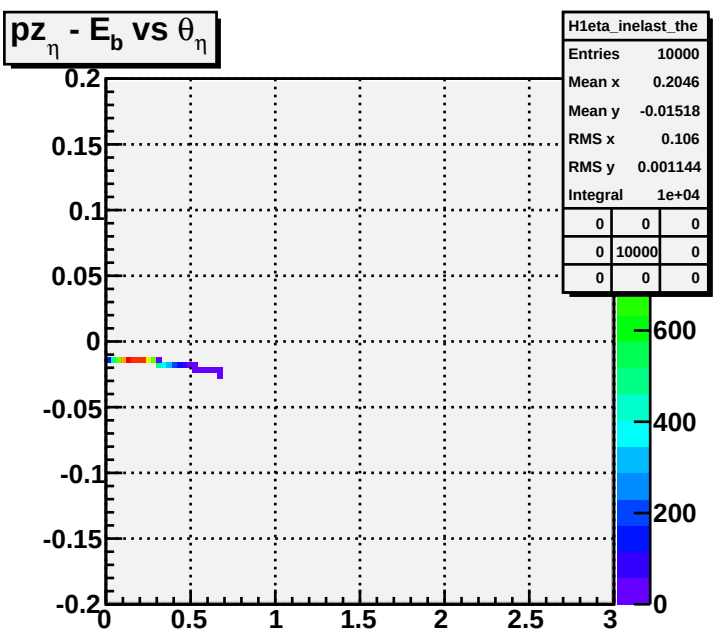

-t (GeV$^2$)
H1t
Entries 10000
Mean 0.00218
RMS 0.001977
Underflow 0
Overflow 0
Integral 1e+04
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.01
0.02
0.03
0.04
0.05

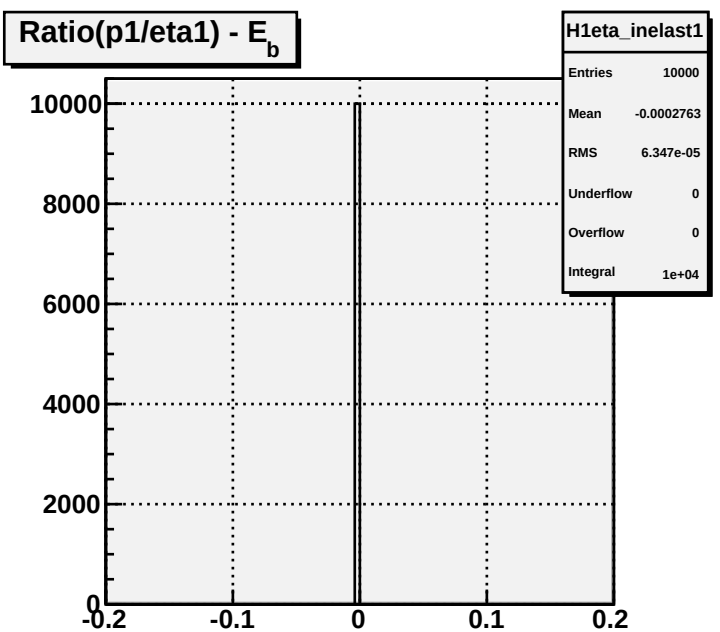

mg1g2 (GeV)
H1mg1g2
Entries 10000
Mean 0.5479
RMS 0.0001069
Underflow 0
Overflow 0
Integral 1e+04
10000
8000
6000
4000
2000
0
0
0.2
0.4
0.6
0.8
1

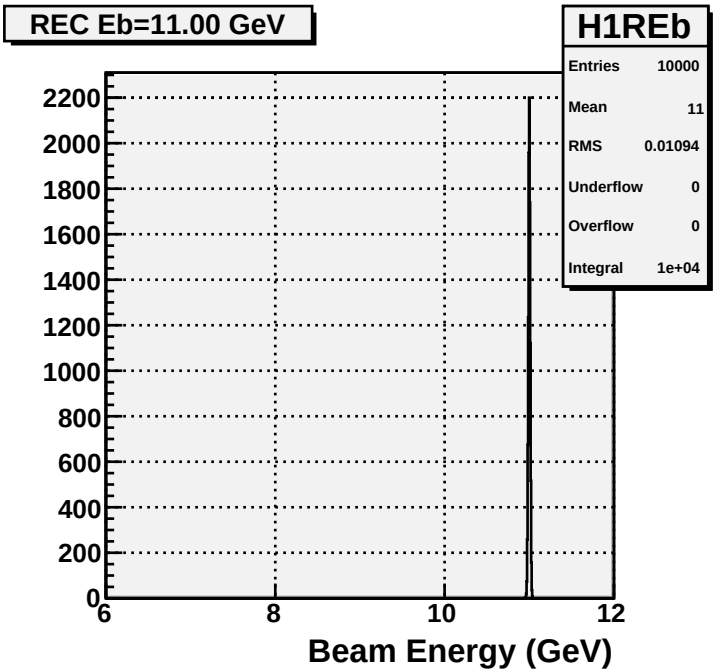

mg1g2$^2$ (GeV$^2$)
H1mg1g22
Entries 10000
Mean 0.3002
RMS 0.0001172
Underflow 0
Overflow 0
Integral 1e+04
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1

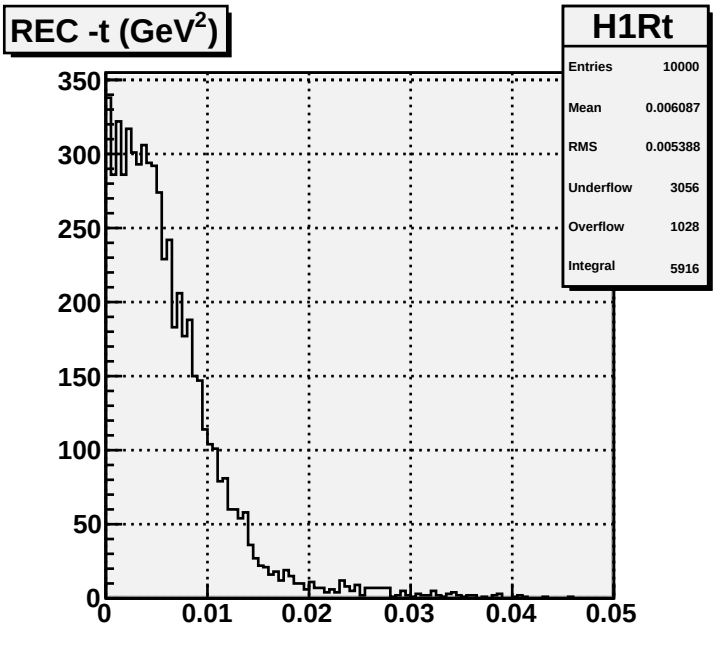

θη (degrees)
H1eta_the
Entries 10000
Mean 0.2046
RMS 0.106
Underflow 0
Overflow 0
Integral 1e+04

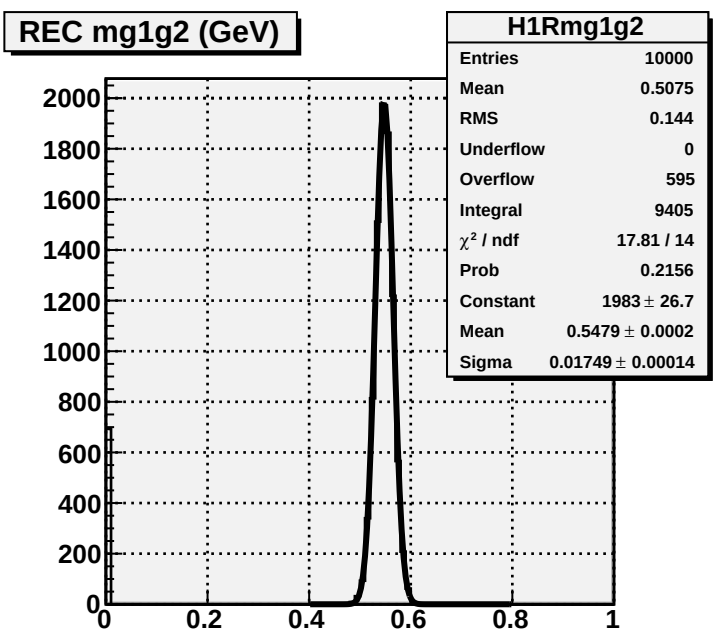

GEN-REC θη vs θη (degrees)
H2Deta_thevsthe
Entries 10000
Mean x 0.205
Mean y -0.00867
RMS x 0.1057
RMS y 0.04531
Integral 8712

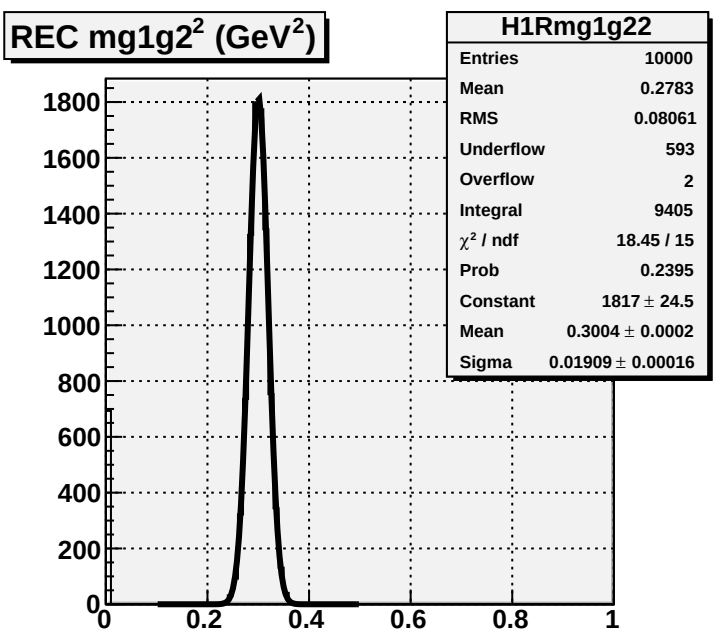

pzη - Eb vs θη
H1eta_inelast_the
Entries 10000
Mean x 0.2046
Mean y -0.01518
RMS x 0.106
RMS y 0.001144
Integral 1e+04

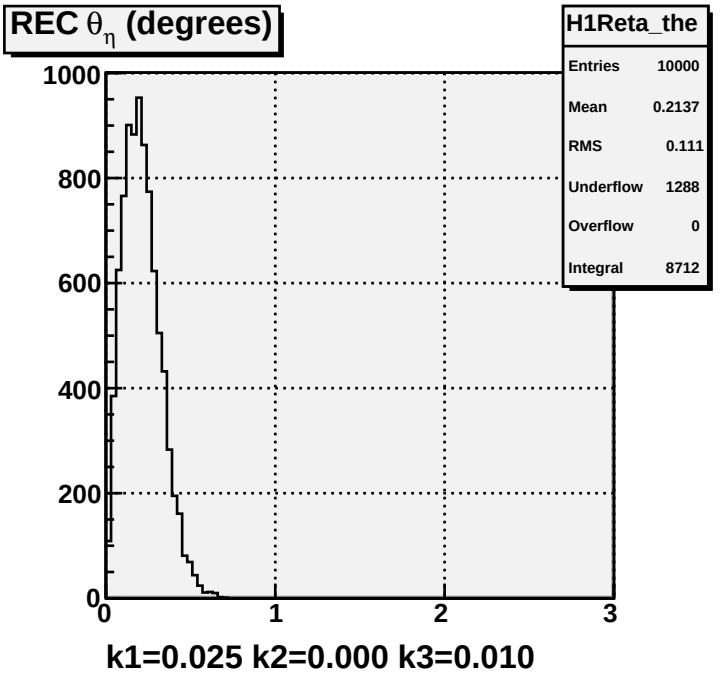

Ratio(p1/eta1) - Eb
H1eta_inelast1
Entries 10000
Mean -0.0002763
RMS 6.347e-05
Underflow 0
Overflow 0
Integral 1e+04

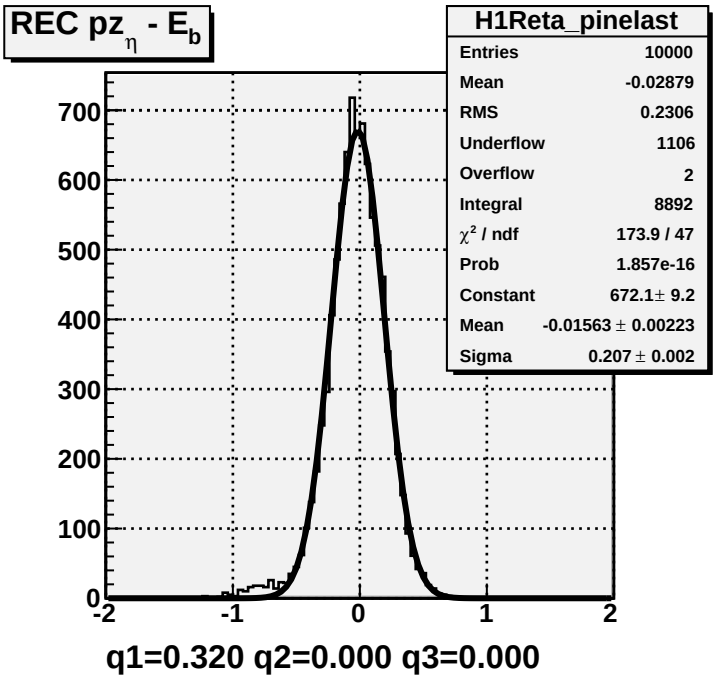

REC Eb=11.00 GeV
H1REb
Entries 10000
Mean 11
RMS 0.01094
Underflow 0
Overflow 0
Integral 1e+04
Beam Energy (GeV)

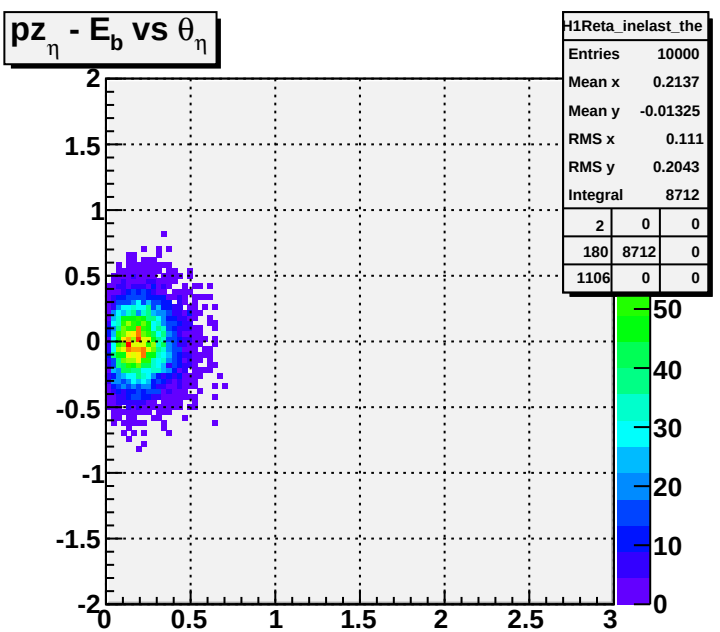

REC -t (GeV$^2$)
H1Rt
Entries 10000
Mean 0.006087
RMS 0.005388
Underflow 3056
Overflow 1028
Integral 5916

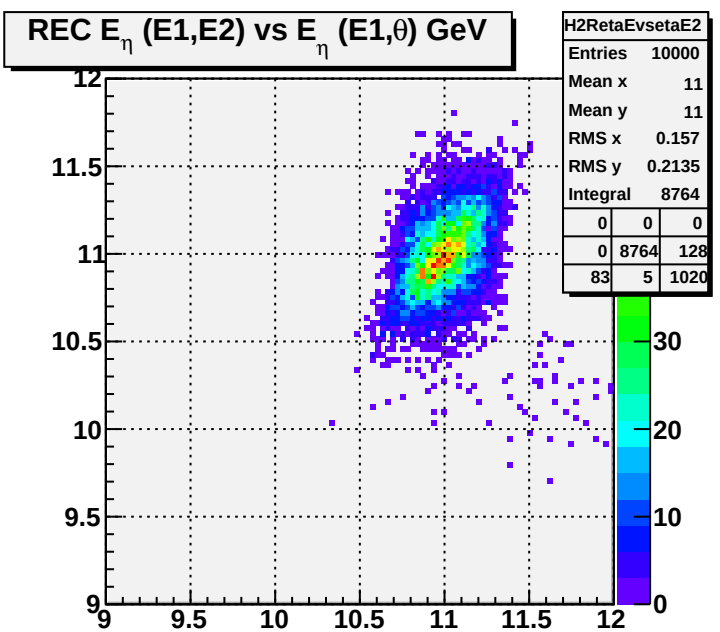

REC mg1g2 (GeV)
H1Rmg1g2
Entries 10000
Mean 0.5075
RMS 0.144
Underflow 0
Overflow 595
Integral 9405
$\chi^2$ / ndf 17.81 / 14
Prob 0.2156
Constant 1983 ± 26.7
Mean 0.5479 ± 0.0002
Sigma 0.01749 ± 0.00014

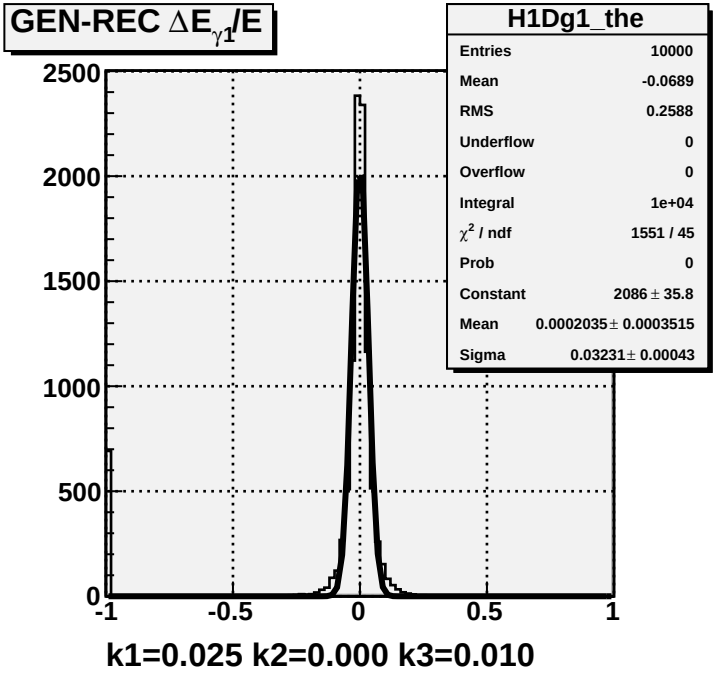

REC mg1g2$^2$ (GeV$^2$)
H1Rmg1g22
Entries 10000
Mean 0.2783
RMS 0.08061
Underflow 593
Overflow 2
Integral 9405
$\chi^2$ / ndf 18.45 / 15
Prob 0.2395
Constant 1817 ± 24.5
Mean 0.3004 ± 0.0002
Sigma 0.01909 ± 0.00016

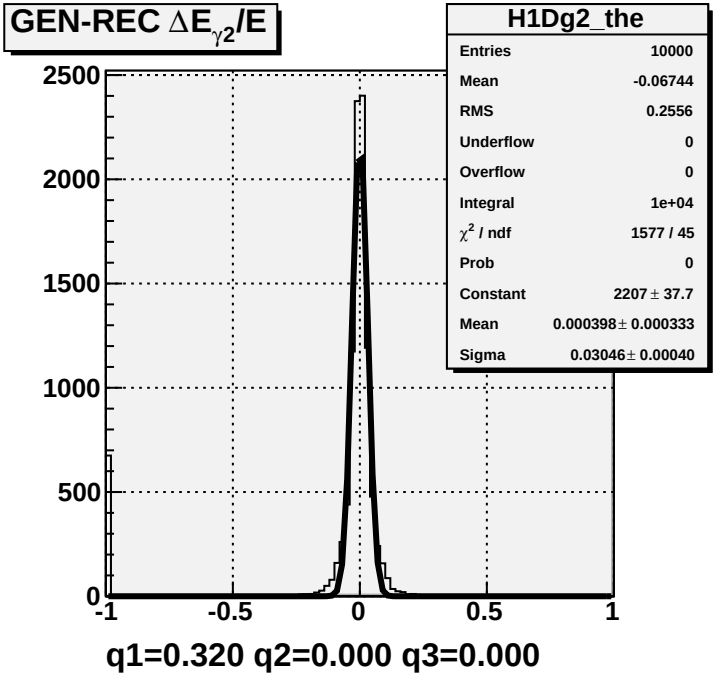

REC θη (degrees)
H1Reta_the
Entries 10000
Mean 0.2137
RMS 0.111
Underflow 1288
Overflow 0
Integral 8712
k1=0.025 k2=0.000 k3=0.010

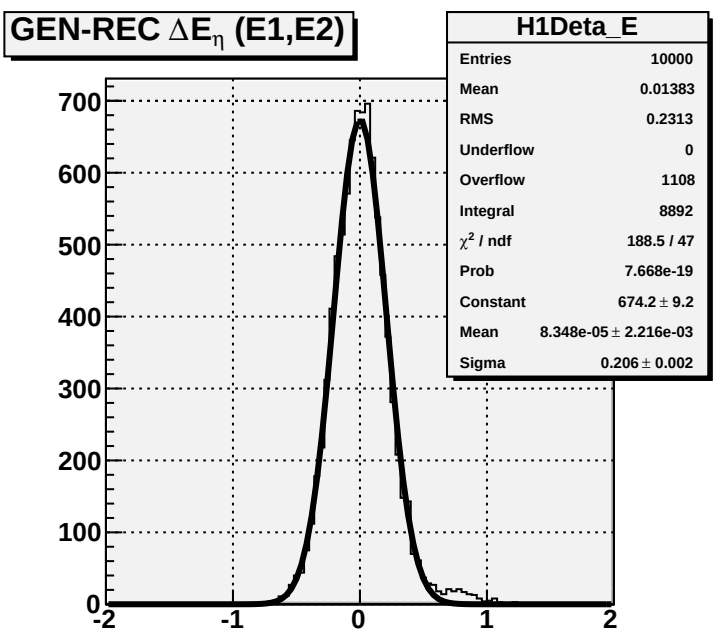

REC pzη - Eb
H1Reta_pinelast
Entries 10000
Mean -0.02879
RMS 0.2306
Underflow 1106
Overflow 2
Integral 8892
χ² / ndf 173.9 / 47
Prob 1.857e-16
Constant 672.1 ± 9.2
Mean -0.01563 ± 0.00223
Sigma 0.207 ± 0.002
q1=0.320 q2=0.000 q3=0.000

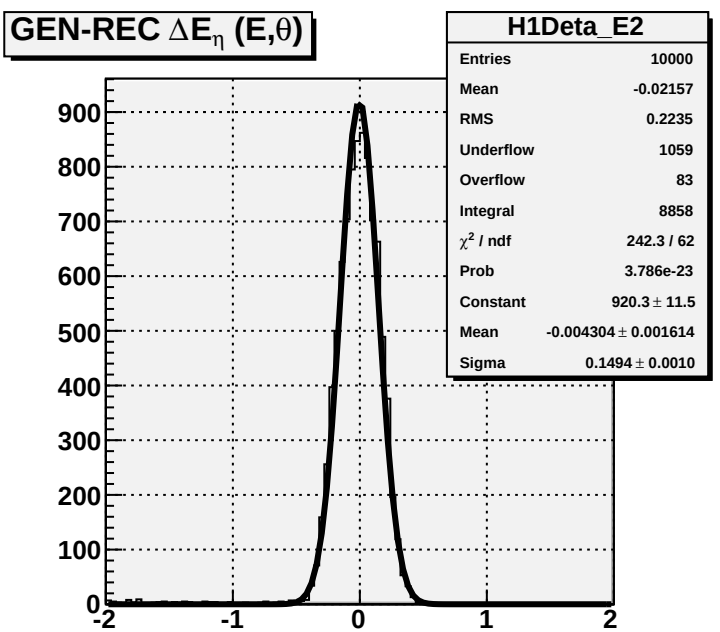

pzη - Eb vs θη
H1Reta_inelast_the
Entries 10000
Mean x 0.2137
Mean y -0.01325
RMS x 0.111
RMS y 0.2043
Integral 8712
2 0 0
180 8712 0
1106 0 0

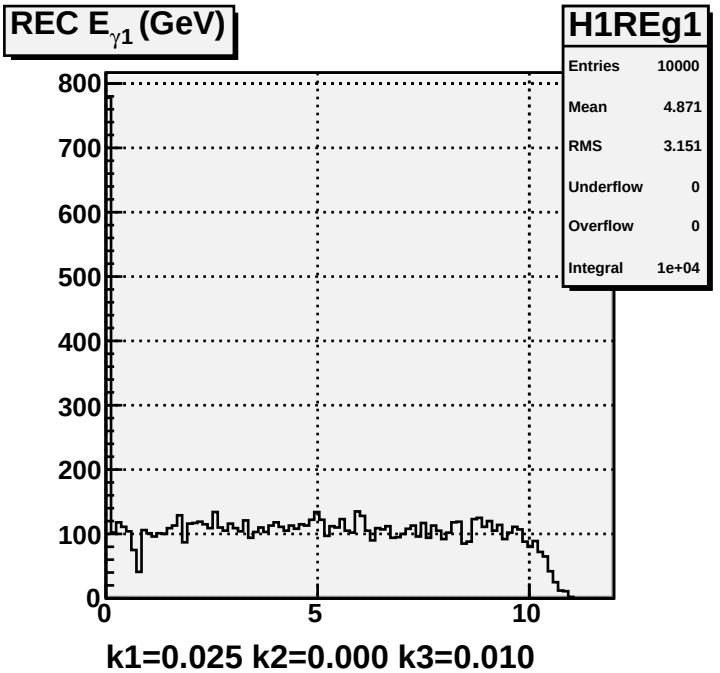

REC Eη (E1,E2) vs Eη (E1,θ) GeV
H2RetaEvsetaE2
Entries 10000
Mean x 11
Mean y 11
RMS x 0.157
RMS y 0.2135
Integral 8764
0 0 0
0 8764 128
83 5 1020

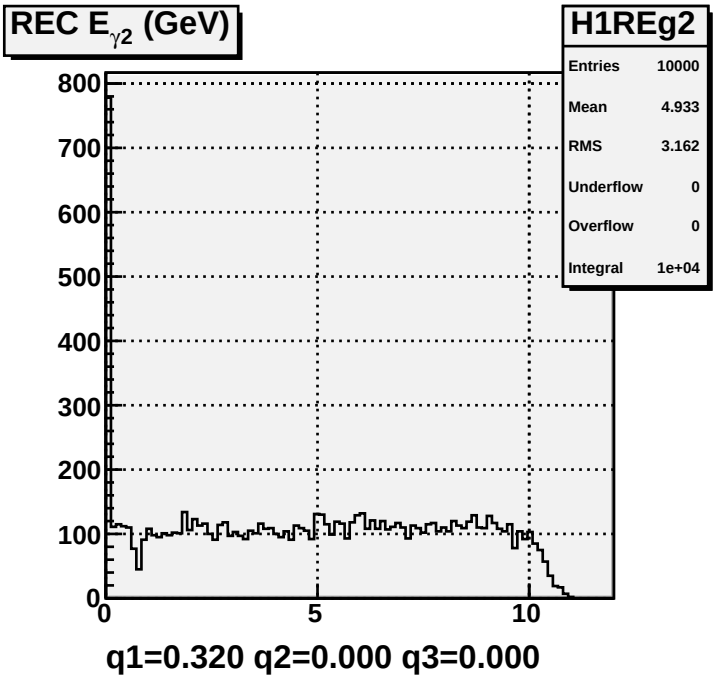

GEN-REC ΔE$_{\gamma 1}$/E
H1Dg1_the
Entries 10000
Mean -0.0689
RMS 0.2588
Underflow 0
Overflow 0
Integral 1e+04
χ² / ndf 1551 / 45
Prob 0
Constant 2086 ± 35.8
Mean 0.0002035 ± 0.0003515
Sigma 0.03231 ± 0.00043
k1=0.025 k2=0.000 k3=0.010

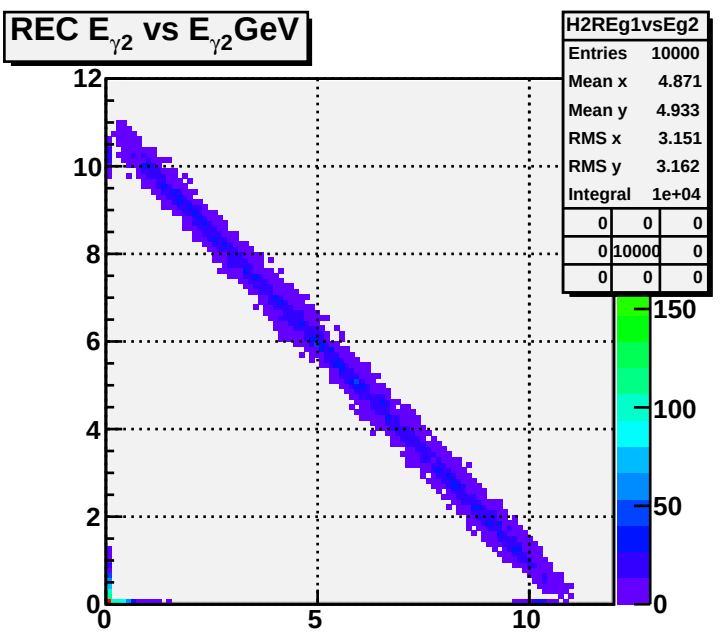

GEN-REC ΔE$_{\gamma 2}$/E
H1Dg2_the
Entries 10000
Mean -0.06744
RMS 0.2556
Underflow 0
Overflow 0
Integral 1e+04
χ² / ndf 1577 / 45
Prob 0
Constant 2207 ± 37.7
Mean 0.000398 ± 0.000333
Sigma 0.03046 ± 0.00040
q1=0.320 q2=0.000 q3=0.000

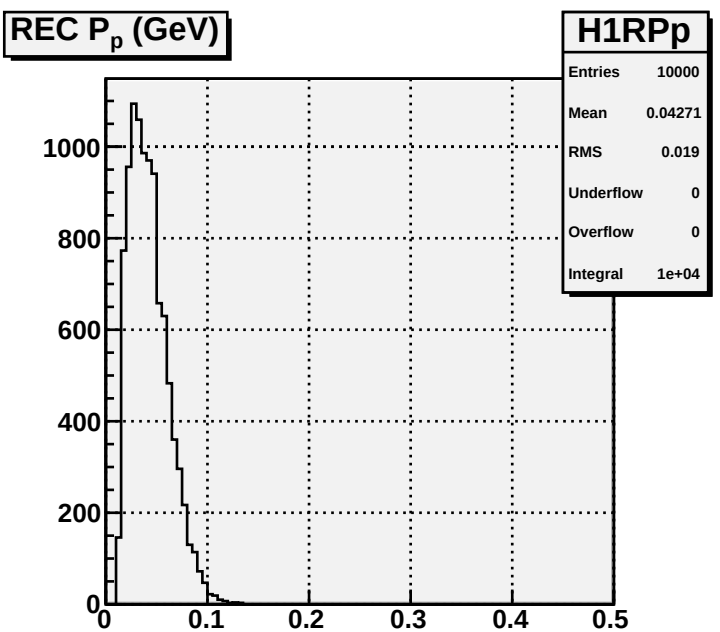

GEN-REC ΔE$_{\eta}$ (E1,E2)
H1Deta_E
Entries 10000
Mean 0.01383
RMS 0.2313
Underflow 0
Overflow 1108
Integral 8892
χ² / ndf 188.5 / 47
Prob 7.668e-19
Constant 674.2 ± 9.2
Mean 8.348e-05 ± 2.216e-03
Sigma 0.206 ± 0.002

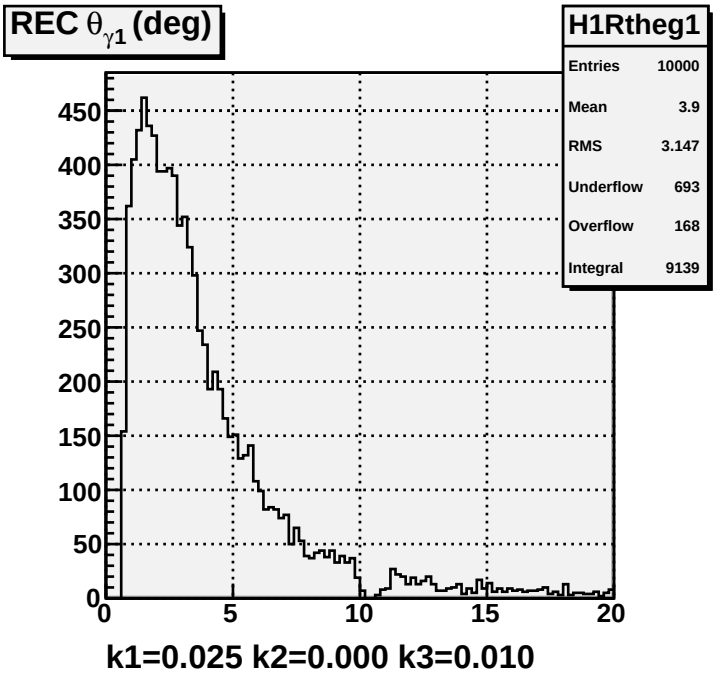

GEN-REC ΔE$_{\eta}$ (E,θ)
H1Deta_E2
Entries 10000
Mean -0.02157
RMS 0.2235
Underflow 1059
Overflow 83
Integral 8858
χ² / ndf 242.3 / 62
Prob 3.786e-23
Constant 920.3 ± 11.5
Mean -0.004304 ± 0.001614
Sigma 0.1494 ± 0.0010

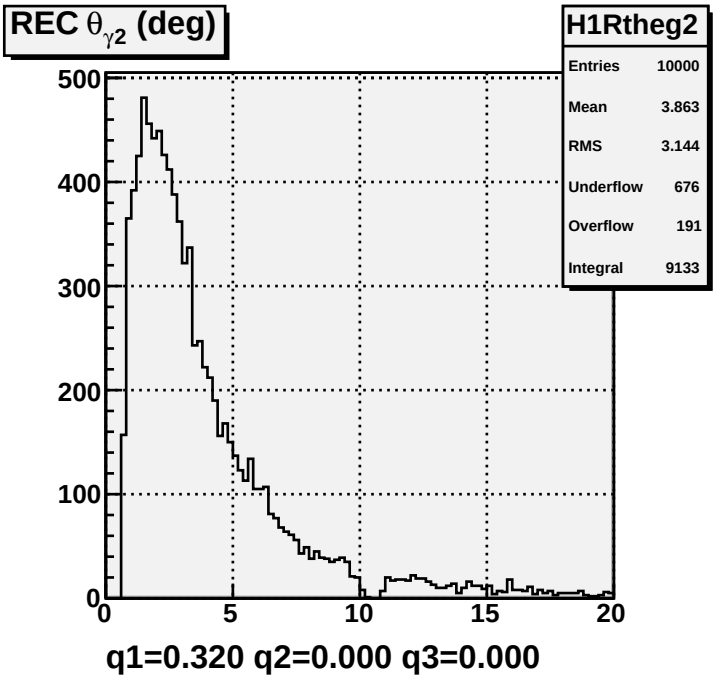

REC $E_{\gamma 1}$ (GeV)
H1REg1
Entries 10000
Mean 4.871
RMS 3.151
Underflow 0
Overflow 0
Integral 1e+04
k1=0.025 k2=0.000 k3=0.010

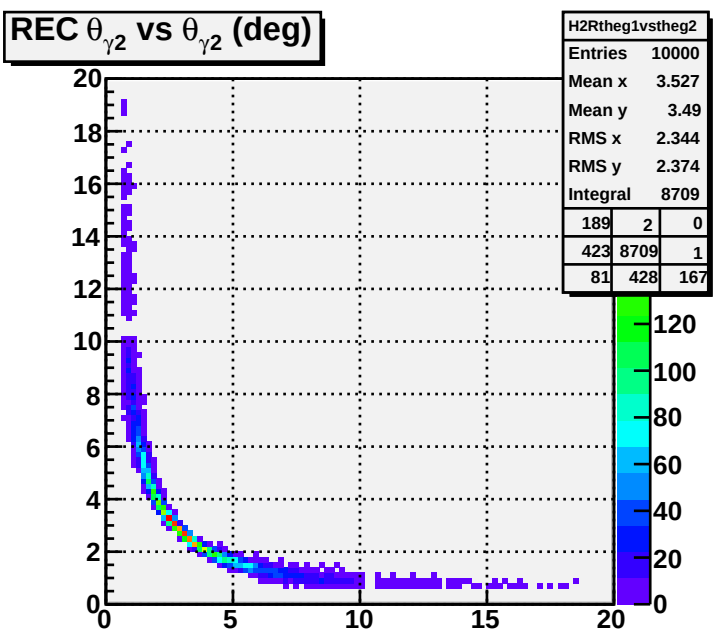

REC $E_{\gamma 2}$ (GeV)
H1REg2
Entries 10000
Mean 4.933
RMS 3.162
Underflow 0
Overflow 0
Integral 1e+04
q1=0.320 q2=0.000 q3=0.000

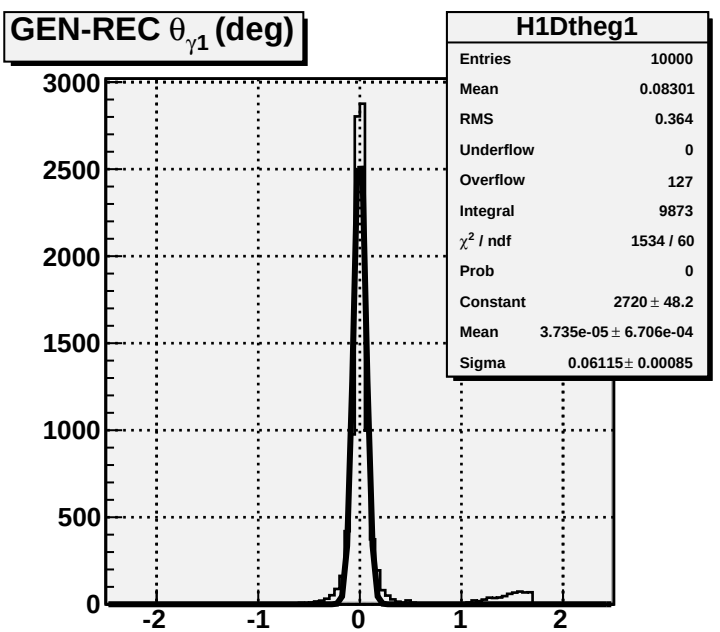

REC $E_{\gamma 2}$ vs $E_{\gamma 2}$GeV
H2REg1vsEg2
Entries 10000
Mean x 4.871
Mean y 4.933
RMS x 3.151
RMS y 3.162
Integral 1e+04
0 0 0
0 10000 0
0 0 0

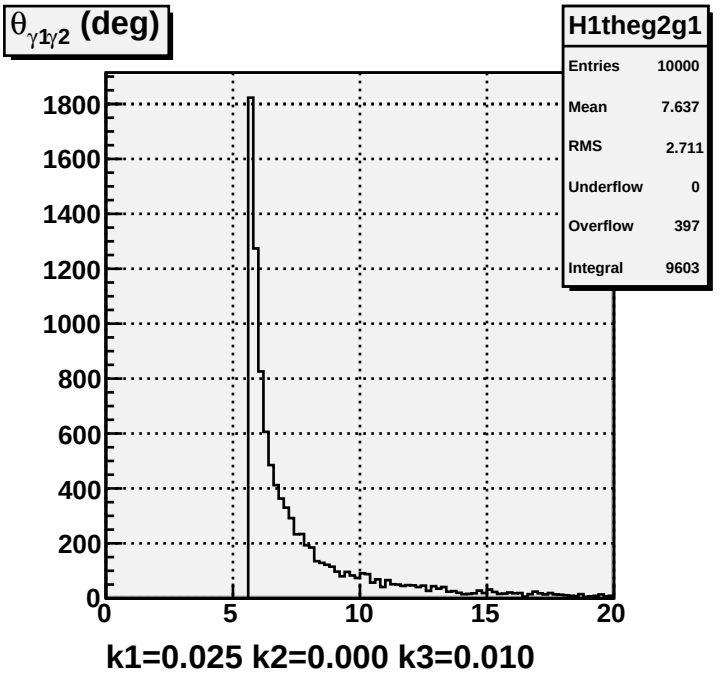

REC $P_p$ (GeV)
H1RPp
Entries 10000
Mean 0.04271
RMS 0.019
Underflow 0
Overflow 0
Integral 1e+04

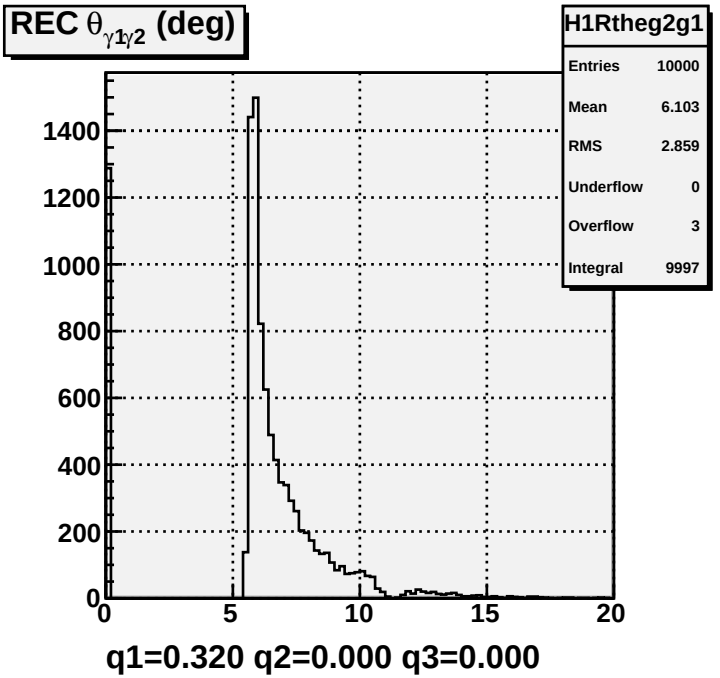

REC θγ1 (deg)
H1Rtheg1
Entries 10000
Mean 3.9
RMS 3.147
Underflow 693
Overflow 168
Integral 9139
k1=0.025 k2=0.000 k3=0.010

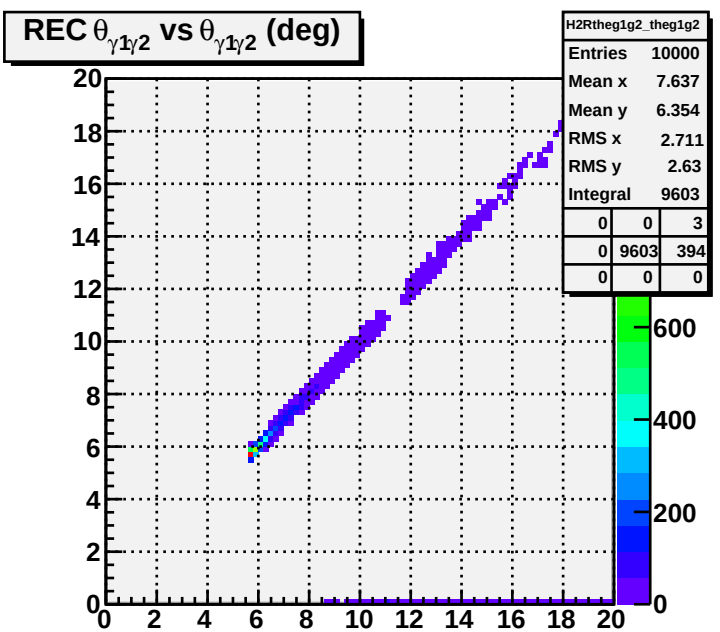

REC θγ2 (deg)
H1Rtheg2
Entries 10000
Mean 3.863
RMS 3.144
Underflow 676
Overflow 191
Integral 9133
q1=0.320 q2=0.000 q3=0.000

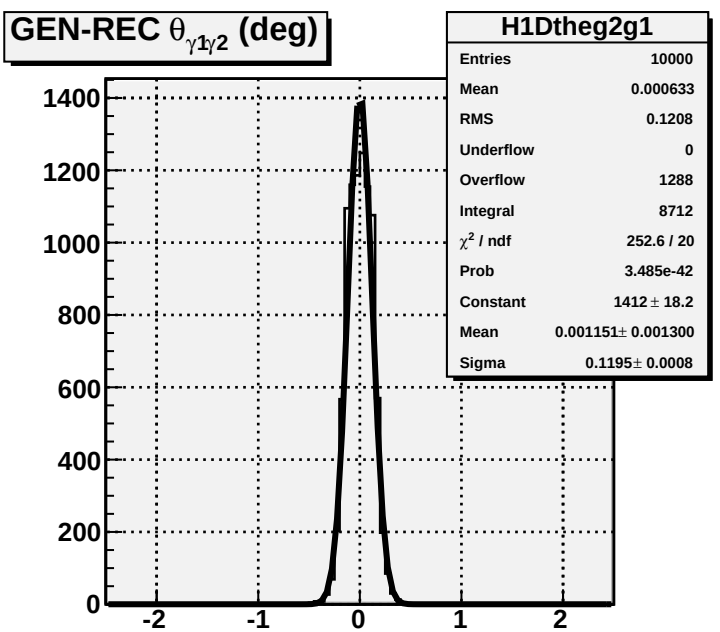

REC θγ2 vs θγ2 (deg)
H2Rtheg1vstheg2
Entries 10000
Mean x 3.527
Mean y 3.49
RMS x 2.344
RMS y 2.374
Integral 8709
189 2 0
423 8709 1
81 428 167

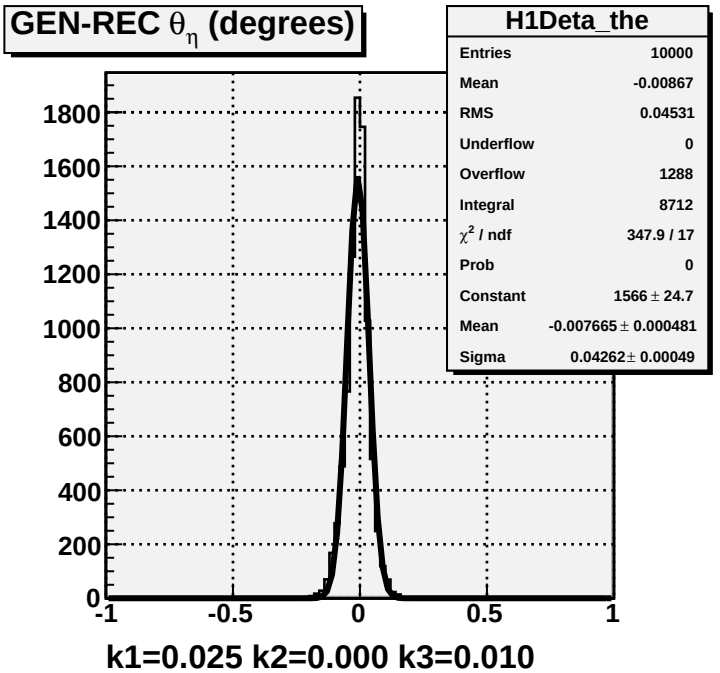

GEN-REC θγ1 (deg)
H1Dtheg1
Entries 10000
Mean 0.08301
RMS 0.364
Underflow 0
Overflow 127
Integral 9873
χ² / ndf 1534 / 60
Prob 0
Constant 2720 ± 48.2
Mean 3.735e-05 ± 6.706e-04
Sigma 0.06115 ± 0.00085

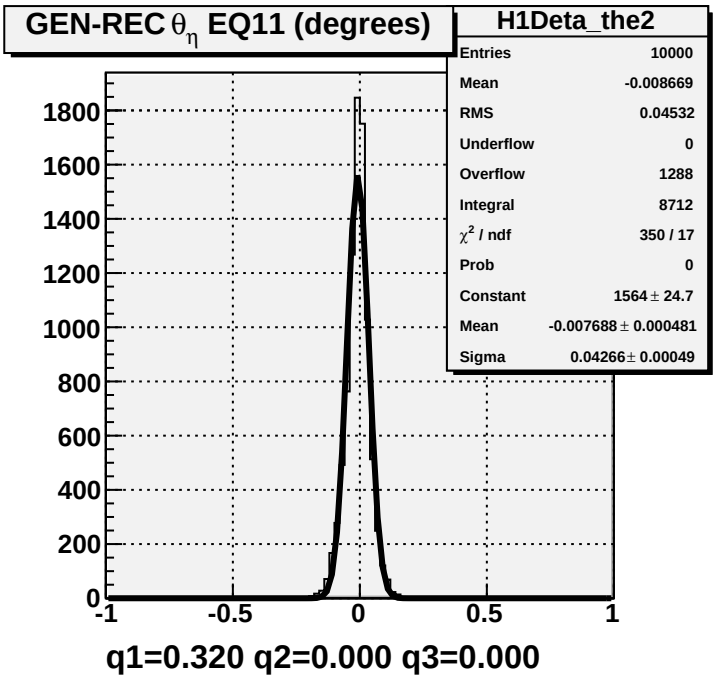

θγ1γ2 (deg)
H1theg2g1
Entries 10000
Mean 7.637
RMS 2.711
Underflow 0
Overflow 397
Integral 9603
k1=0.025 k2=0.000 k3=0.010

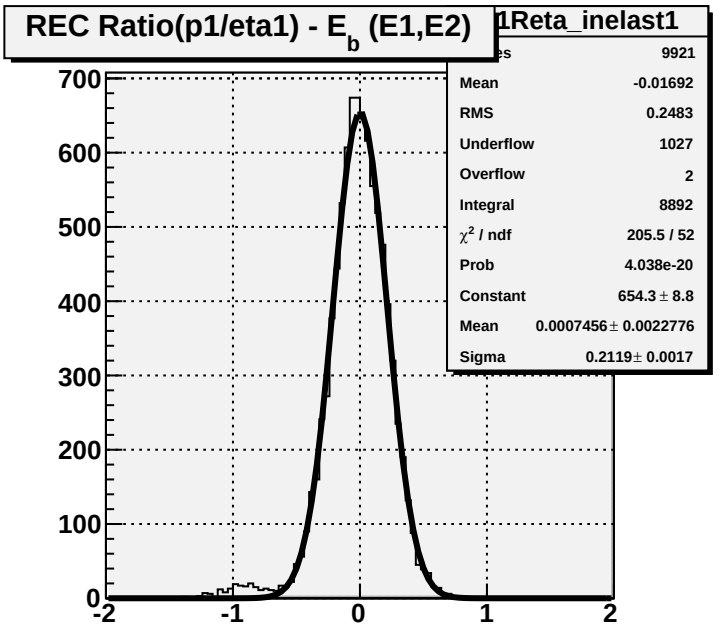

REC θγ1γ2 (deg)
H1Rtheg2g1
Entries 10000
Mean 6.103
RMS 2.859
Underflow 0
Overflow 3
Integral 9997
q1=0.320 q2=0.000 q3=0.000

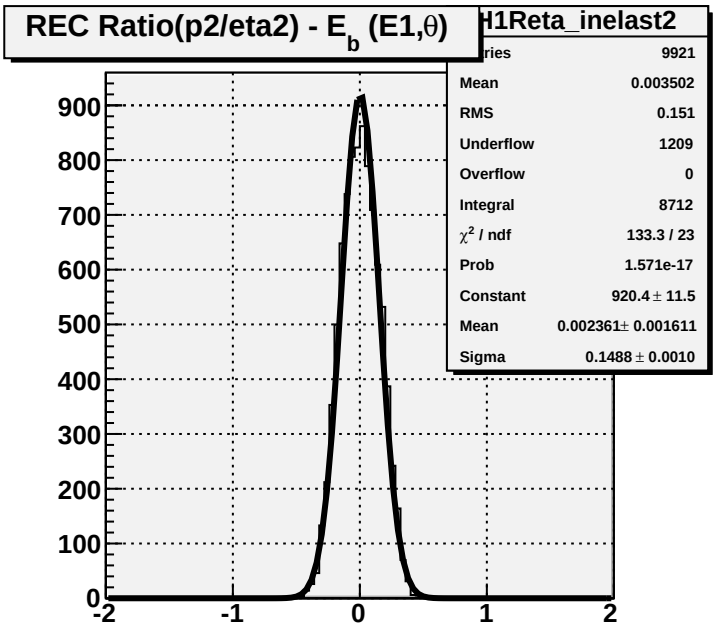

REC θγ1γ2 vs θγ1γ2 (deg)
H2Rtheg1g2_theg1g2
Entries 10000
Mean x 7.637
Mean y 6.354
RMS x 2.711
RMS y 2.63
Integral 9603
0 0 3
0 9603 394
0 0 0


GEN-REC θγ1γ2 (deg)
H1Dtheg2g1
Entries 10000
Mean 0.000633
RMS 0.1208
Underflow 0
Overflow 1288
Integral 8712
χ² / ndf 252.6 / 20
Prob 3.485e-42
Constant 1412 ± 18.2
Mean 0.001151 ± 0.001300
Sigma 0.1195 ± 0.0008


GEN-REC $\theta_\eta$ (degrees)
H1Deta_the
Entries 10000
Mean -0.00867
RMS 0.04531
Underflow 0
Overflow 1288
Integral 8712
$\chi^2$ / ndf 347.9 / 17
Prob 0
Constant 1566 ± 24.7
Mean -0.007665 ± 0.000481
Sigma 0.04262 ± 0.00049
k1=0.025 k2=0.000 k3=0.010


GEN-REC $\theta_\eta$ EQ11 (degrees)
H1Deta_the2
Entries 10000
Mean -0.008669
RMS 0.04532
Underflow 0
Overflow 1288
Integral 8712
$\chi^2$ / ndf 350 / 17
Prob 0
Constant 1564 ± 24.7
Mean -0.007688 ± 0.000481
Sigma 0.04266 ± 0.00049
q1=0.320 q2=0.000 q3=0.000


REC Ratio(p1/eta1) - $E_b$ (E1,E2)
1Reta_inelast1
9921
Mean -0.01692
RMS 0.2483
Underflow 1027
Overflow 2
Integral 8892
$\chi^2$ / ndf 205.5 / 52
Prob 4.038e-20
Constant 654.3 ± 8.8
Mean 0.0007456 ± 0.0022776
Sigma 0.2119 ± 0.0017


REC Ratio(p2/eta2) - $E_b$ (E1,θ)
H1Reta_inelast2
9921
Mean 0.003502
RMS 0.151
Underflow 1209
Overflow 0
Integral 8712
$\chi^2$ / ndf 133.3 / 23
Prob 1.571e-17
Constant 920.4 ± 11.5
Mean 0.002361 ± 0.001611
Sigma 0.1488 ± 0.0010