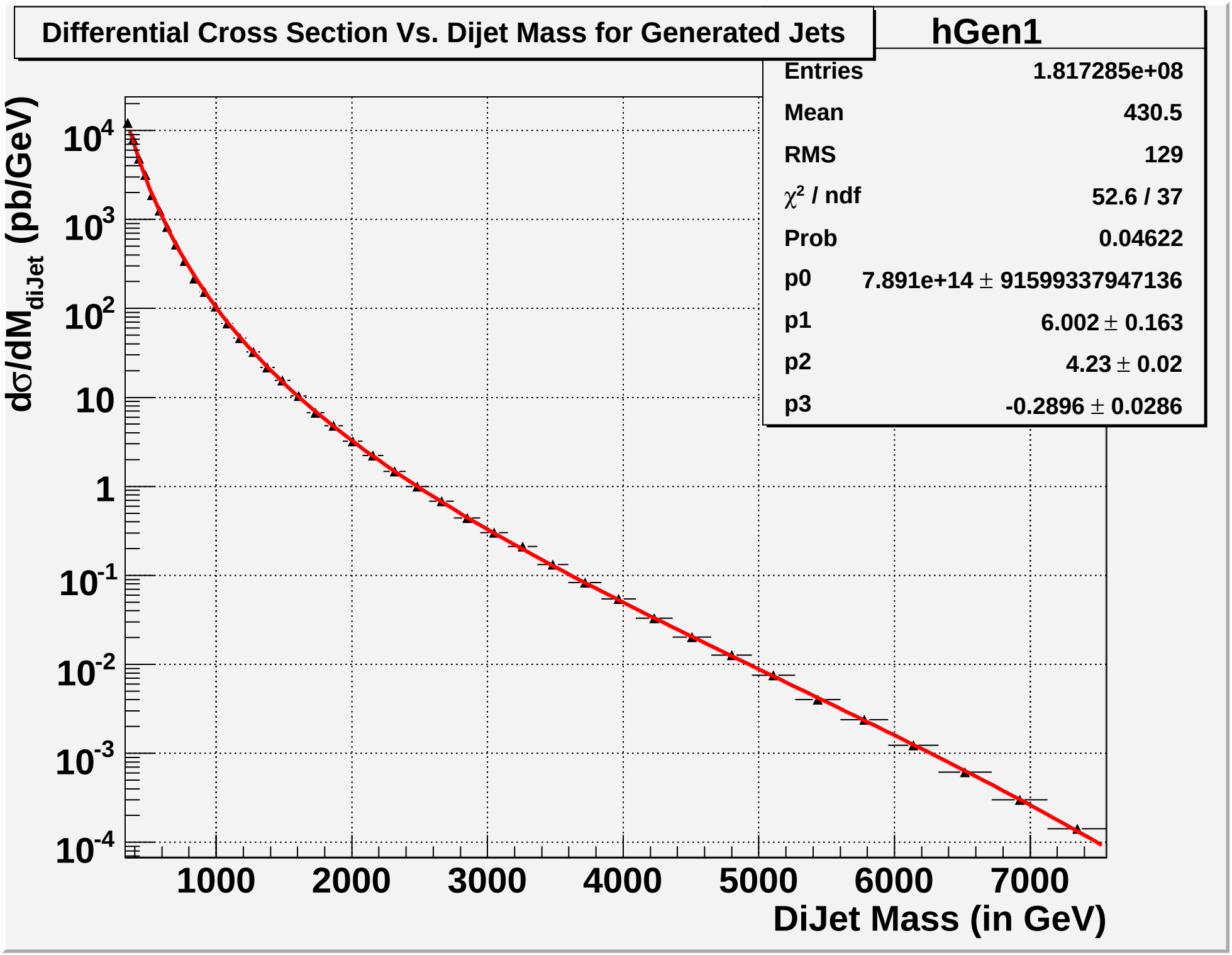
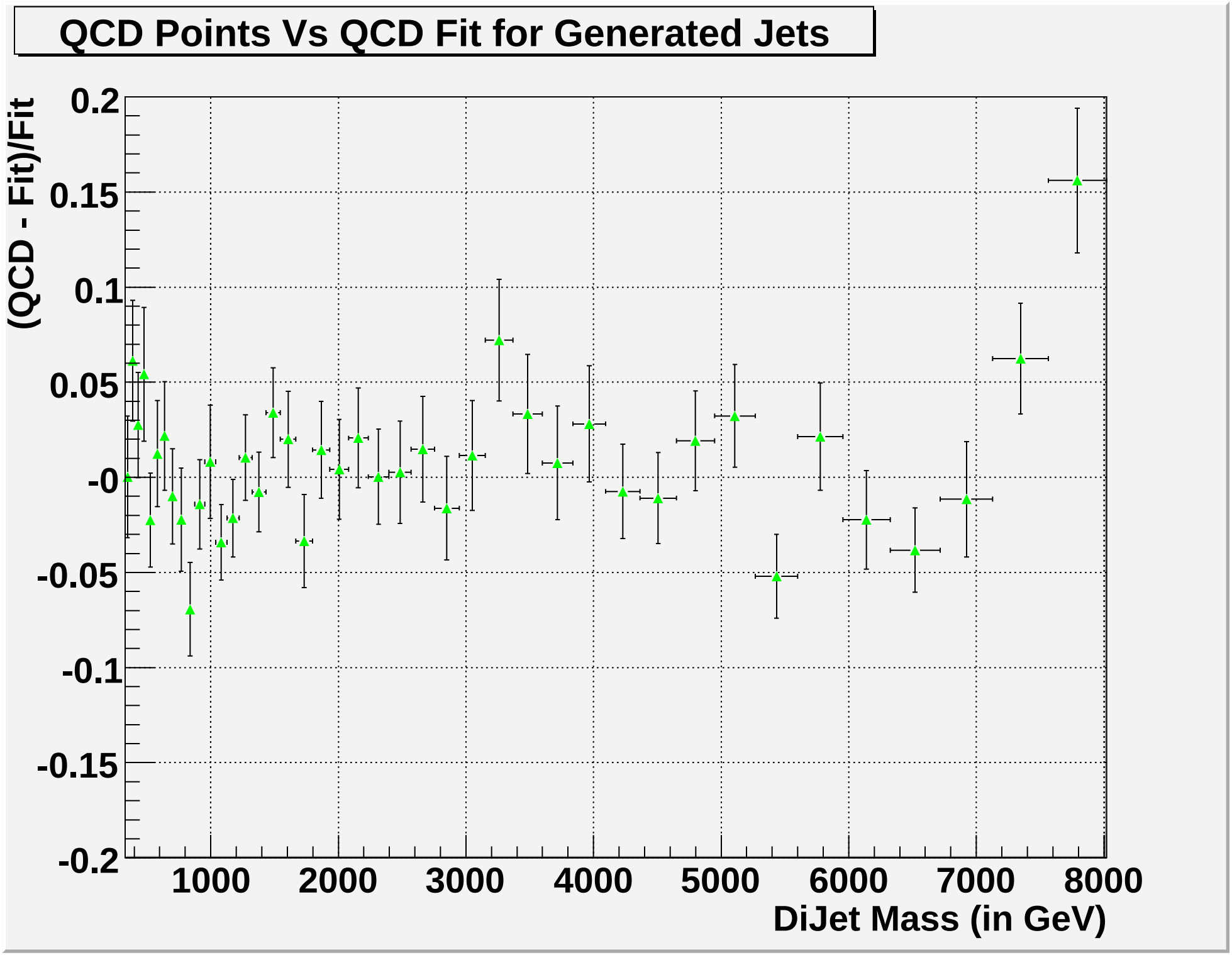
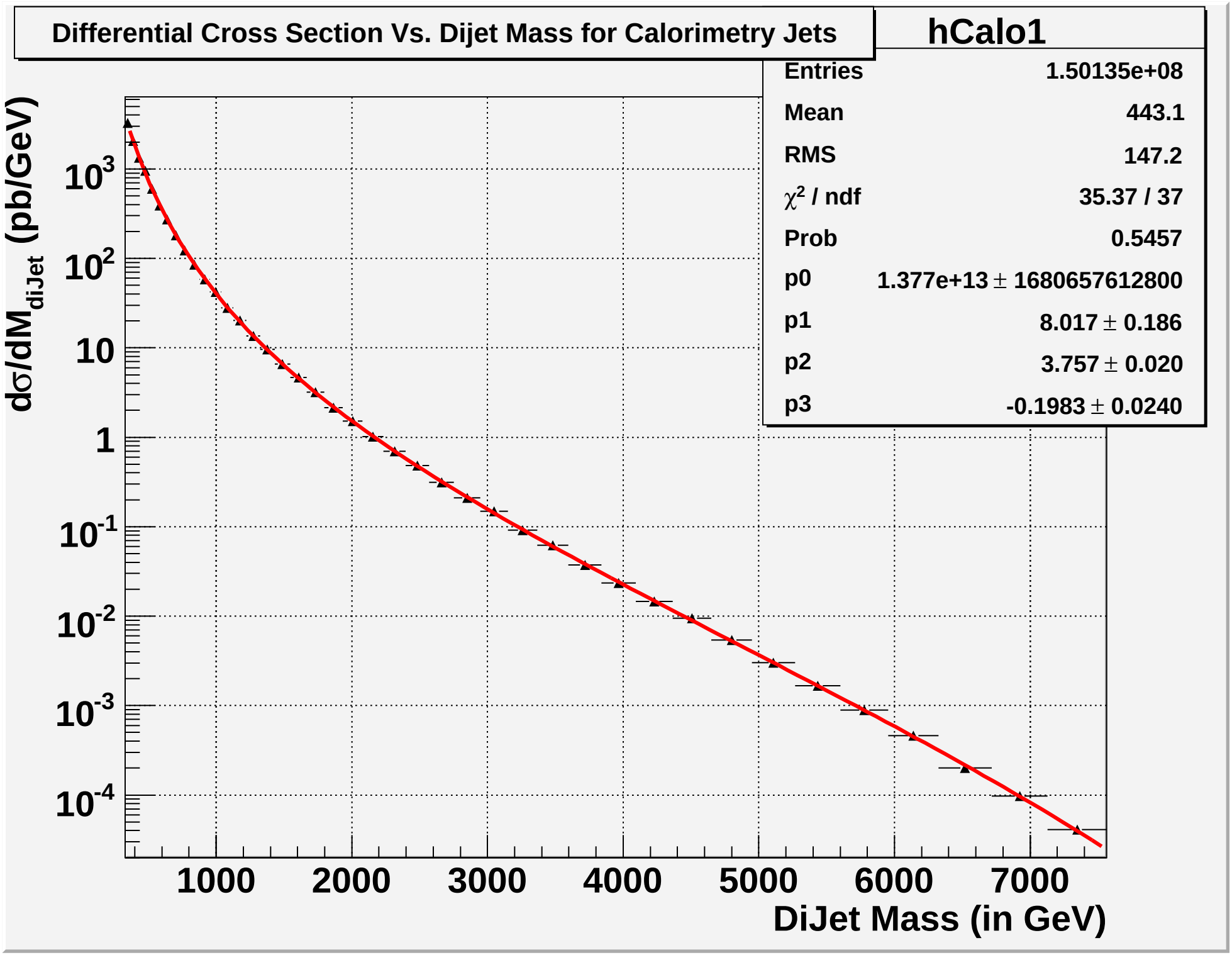
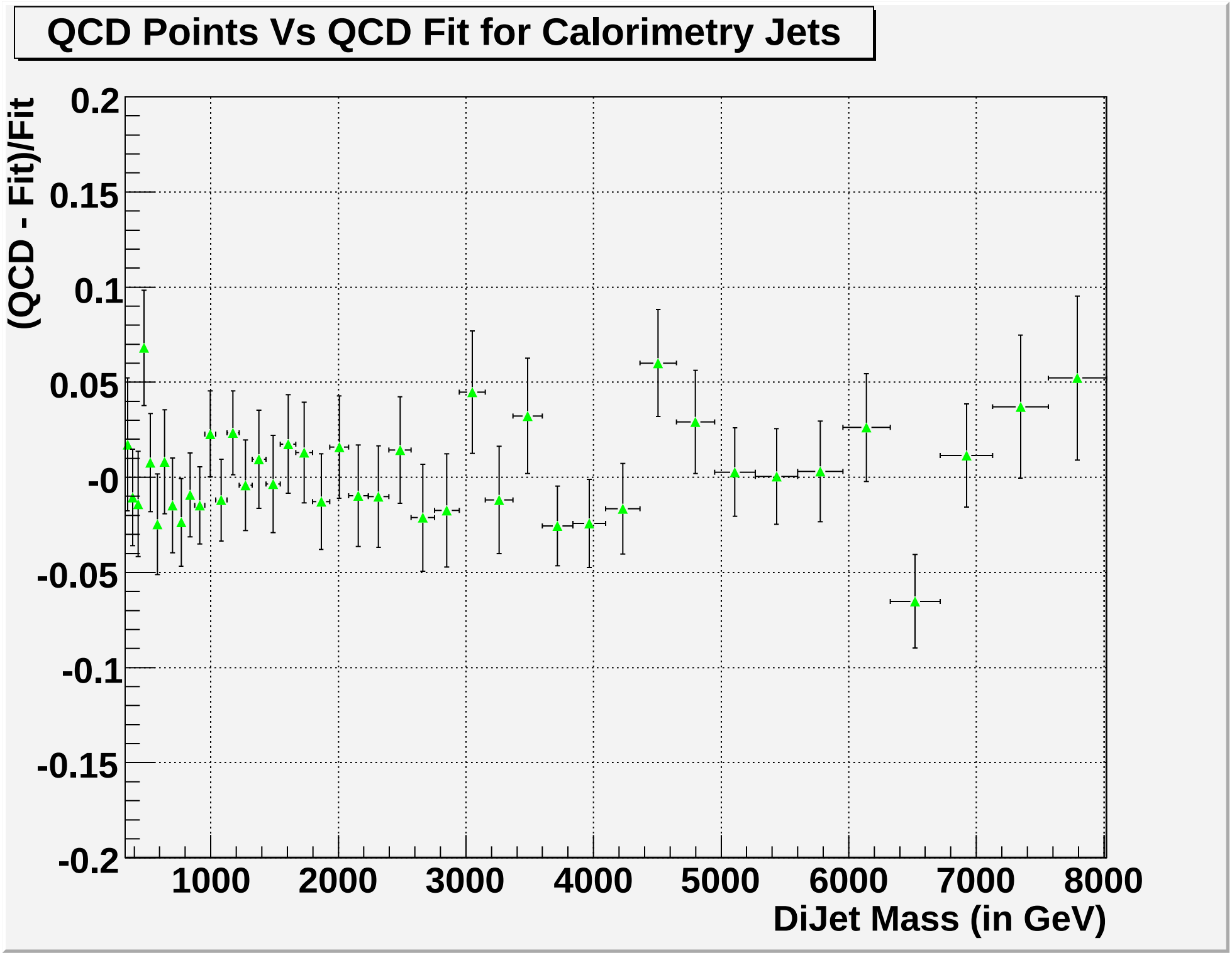
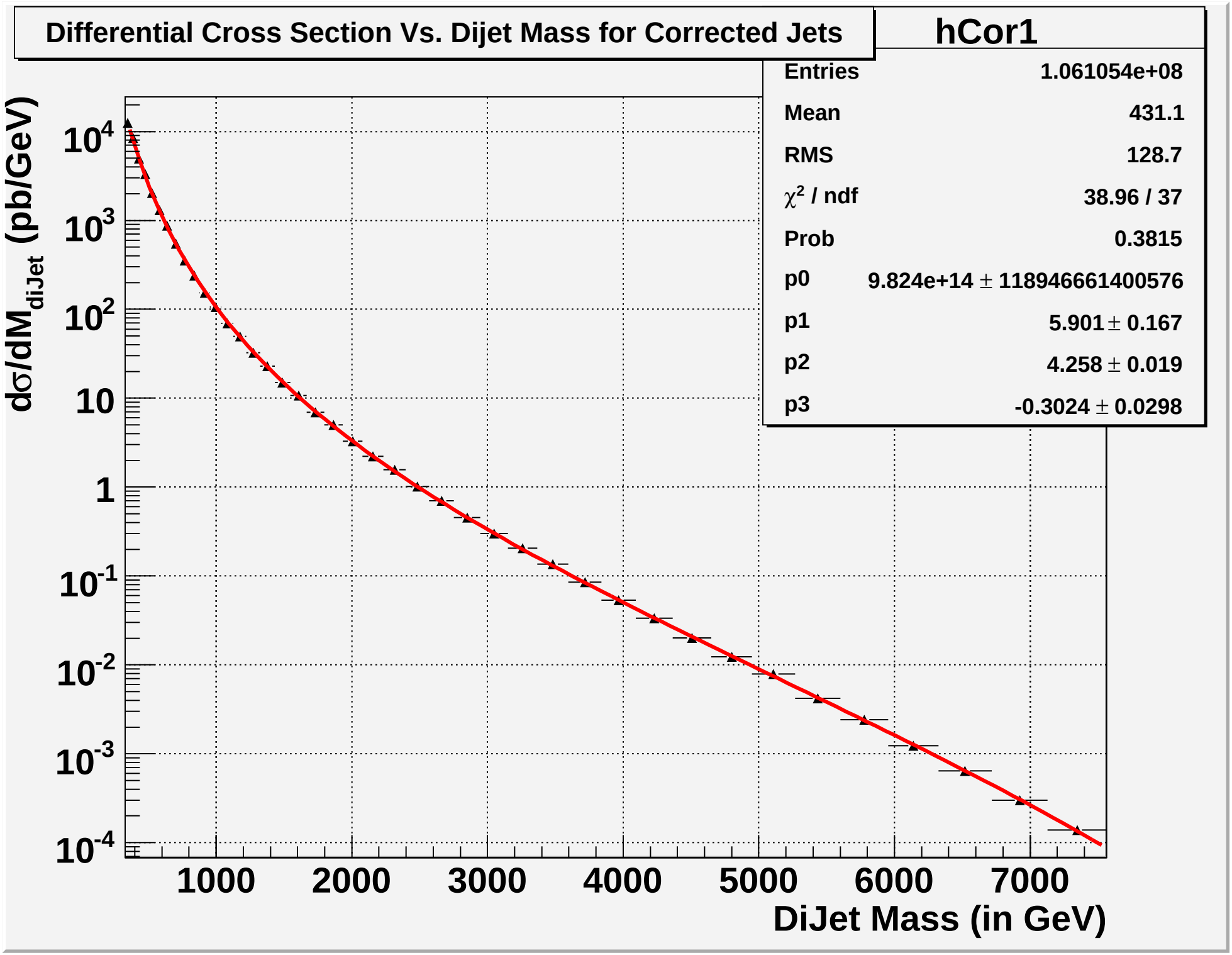
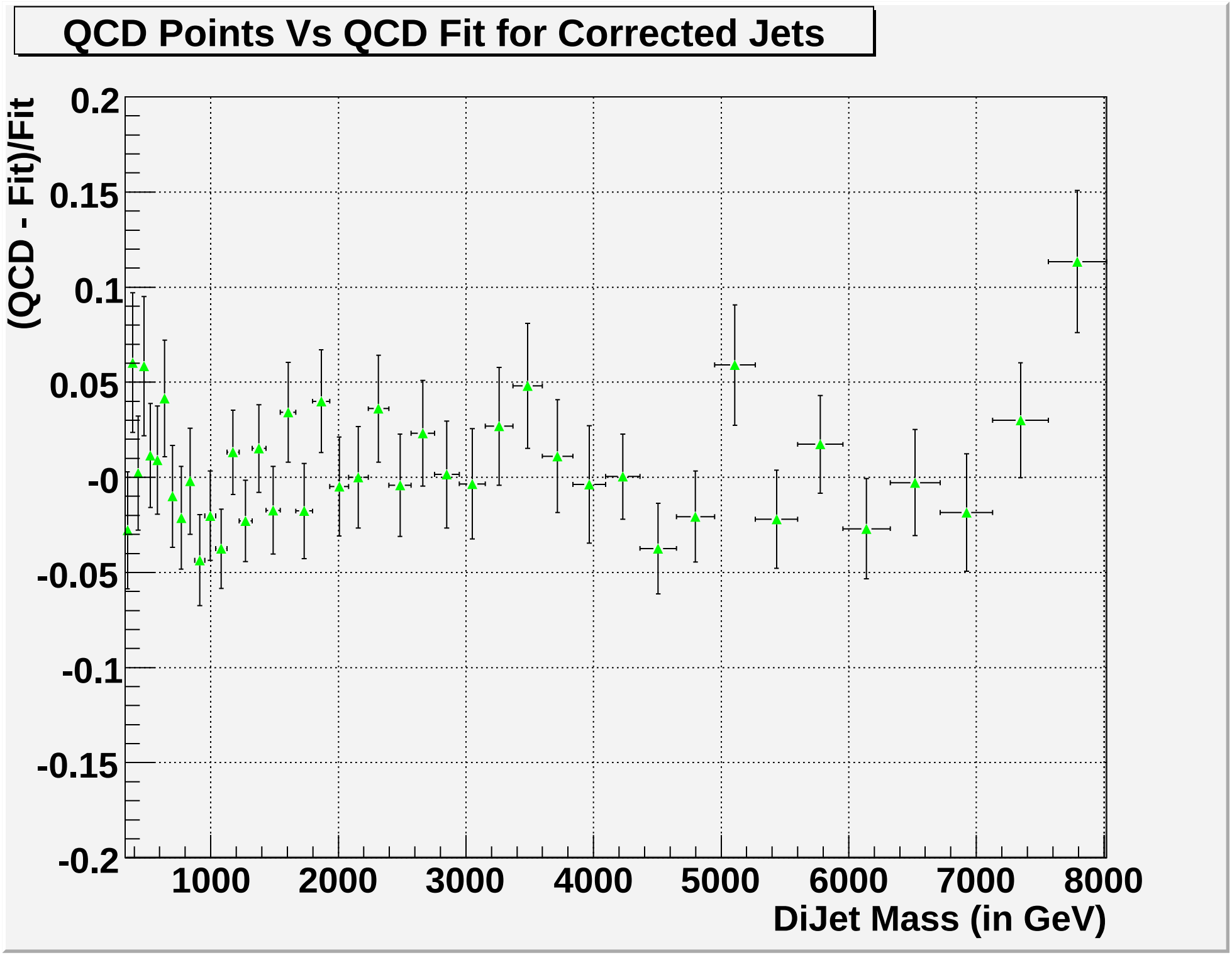

Differential Cross Section Vs. Dijet Mass for Generated Jets
hGen1
Entries 1.817285e+08
Mean 430.5
RMS 129
χ² / ndf 52.6 / 37
Prob 0.04622
p0 7.891e+14 ± 91599337947136
p1 6.002 ± 0.163
p2 4.23 ± 0.02
p3 -0.2896 ± 0.0286
dσ/dM_diJet (pb/GeV)
10^4
10^3
10^2
10
1
10^-1
10^-2
10^-3
10^-4
1000
2000
3000
4000
5000
6000
7000
DiJet Mass (in GeV)

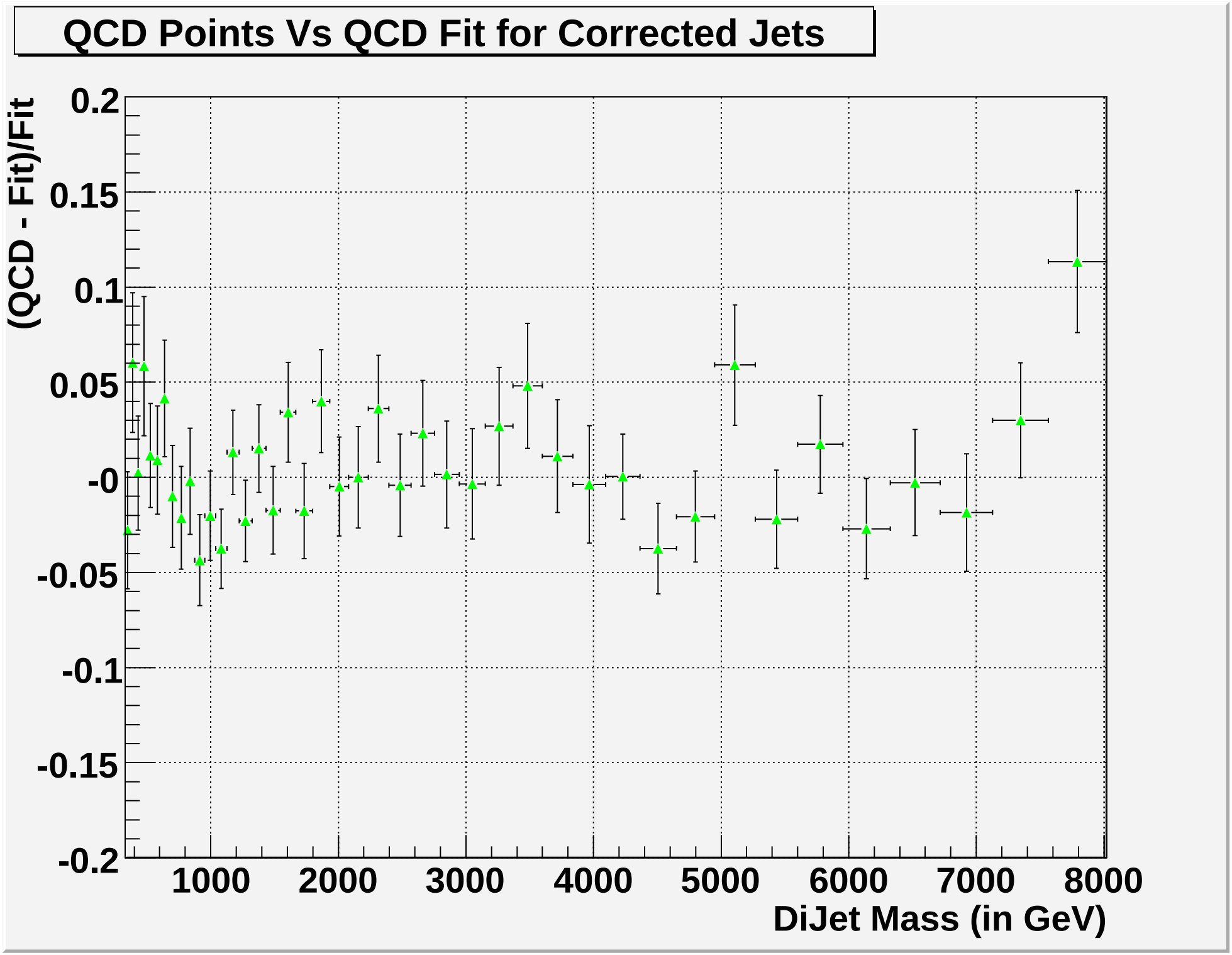

QCD Points Vs QCD Fit for Generated Jets
(QCD - Fit)/Fit
0.2
0.15
0.1
0.05
-0
-0.05
-0.1
-0.15
-0.2
1000
2000
3000
4000
5000
6000
7000
8000
DiJet Mass (in GeV)


Differential Cross Section Vs. Dijet Mass for Calorimetry Jets
hCalo1
Entries 1.50135e+08
Mean 443.1
RMS 147.2
χ² / ndf 35.37 / 37
Prob 0.5457
p0 1.377e+13 ± 1680657612800
p1 8.017 ± 0.186
p2 3.757 ± 0.020
p3 -0.1983 ± 0.0240
dσ/dM_diJet (pb/GeV)
10³
10²
10
1
10⁻¹
10⁻²
10⁻³
10⁻⁴
1000
2000
3000
4000
5000
6000
7000
DiJet Mass (in GeV)


QCD Points Vs QCD Fit for Calorimetry Jets
(QCD - Fit)/Fit
0.2
0.15
0.1
0.05
-0
-0.05
-0.1
-0.15
-0.2
1000
2000
3000
4000
5000
6000
7000
8000
DiJet Mass (in GeV)


Differential Cross Section Vs. Dijet Mass for Corrected Jets
hCor1
Entries 1.061054e+08
Mean 431.1
RMS 128.7
χ² / ndf 38.96 / 37
Prob 0.3815
p0 9.824e+14 ± 118946661400576
p1 5.901 ± 0.167
p2 4.258 ± 0.019
p3 -0.3024 ± 0.0298
dσ/dM_diJet (pb/GeV)
10^4
10^3
10^2
10
1
10^-1
10^-2
10^-3
10^-4
1000
2000
3000
4000
5000
6000
7000
DiJet Mass (in GeV)


QCD Points Vs QCD Fit for Corrected Jets
(QCD - Fit)/Fit
0.2
0.15
0.1
0.05
-0
-0.05
-0.1
-0.15
-0.2
1000
2000
3000
4000
5000
6000
7000
8000
DiJet Mass (in GeV)


QCD Points Vs QCD Fit for Corrected Jets
(QCD - Fit)/Fit
0.2
0.15
0.1
0.05
-0
-0.05
-0.1
-0.15
-0.2
1000
2000
3000
4000
5000
6000
7000
8000
DiJet Mass (in GeV)