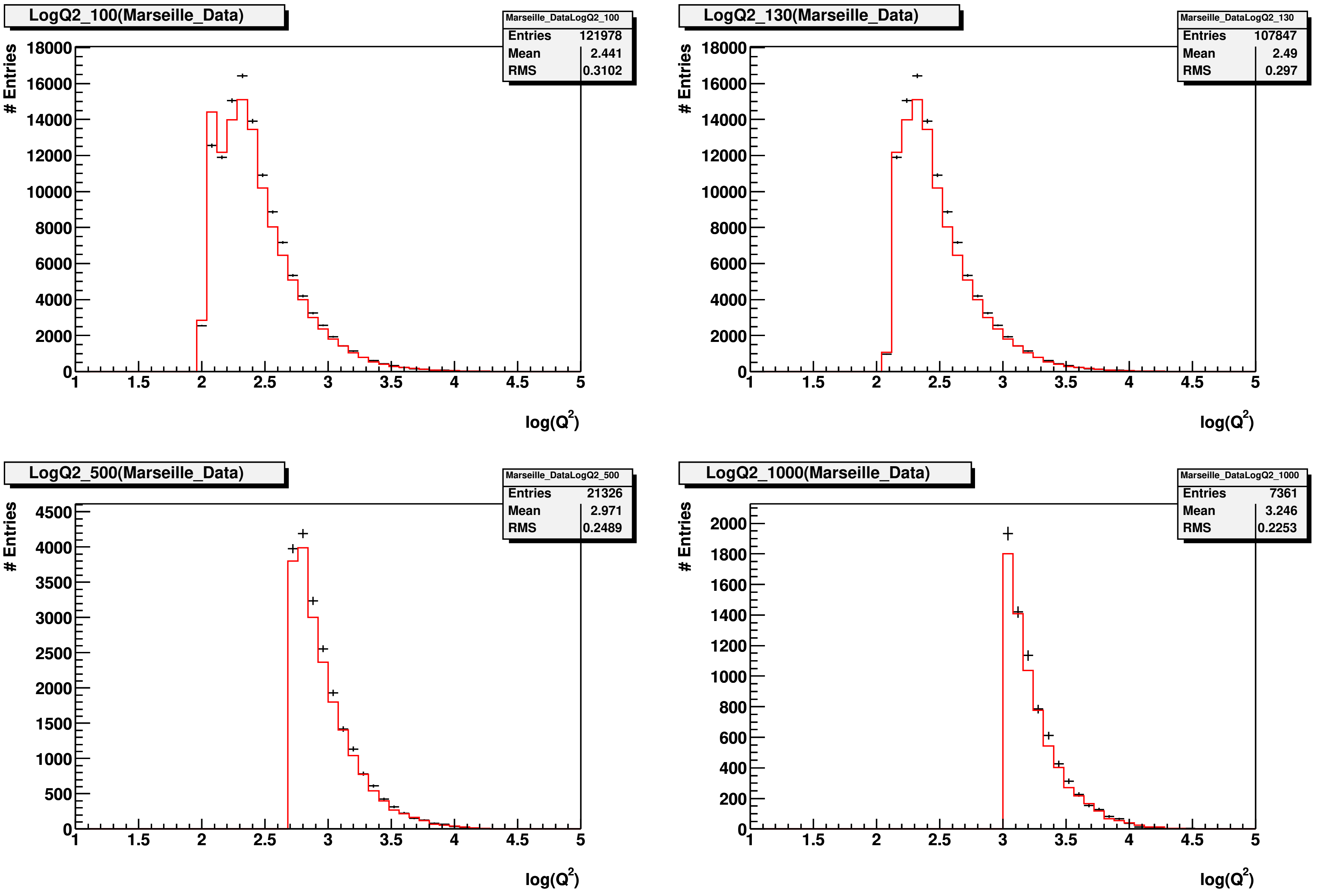
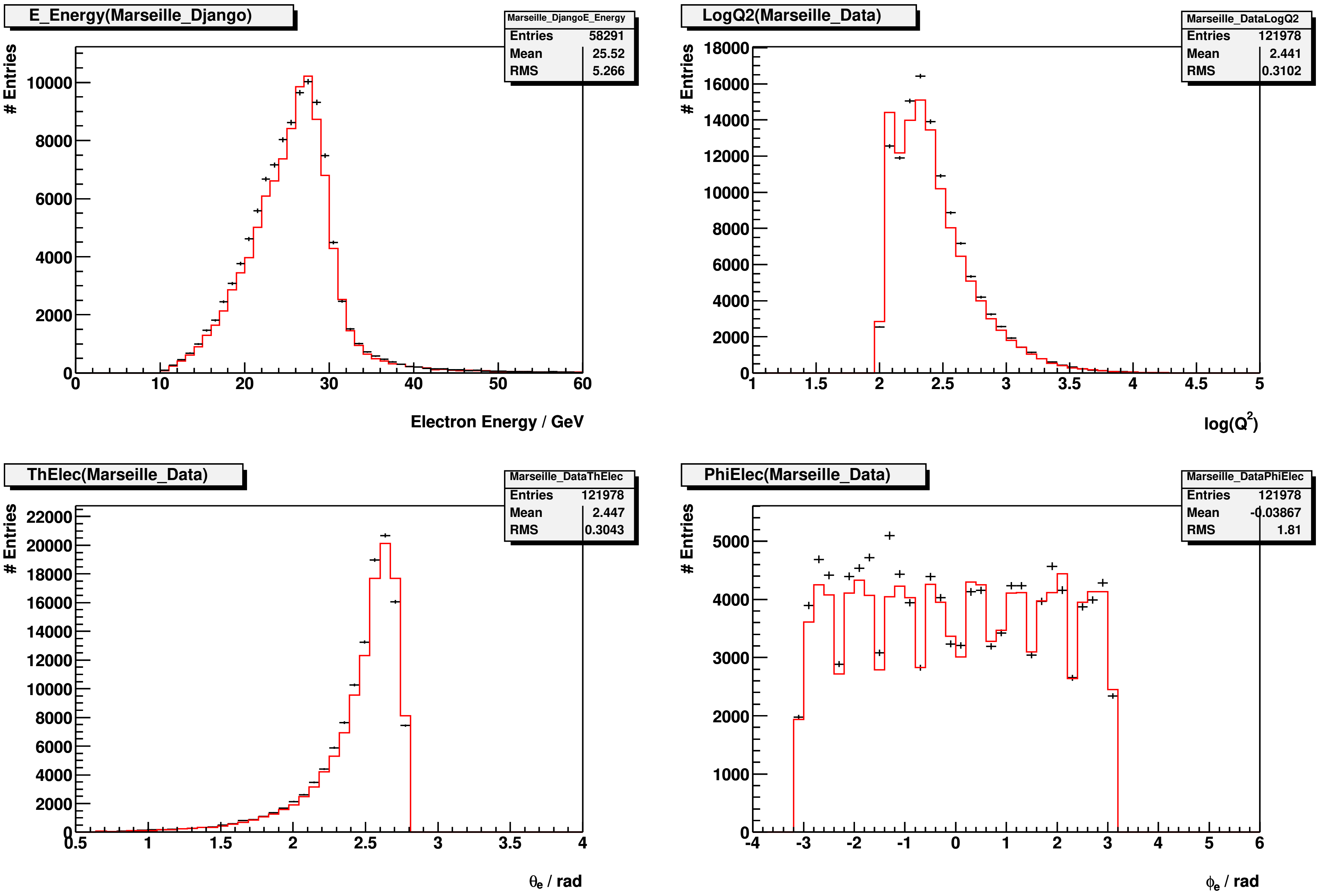
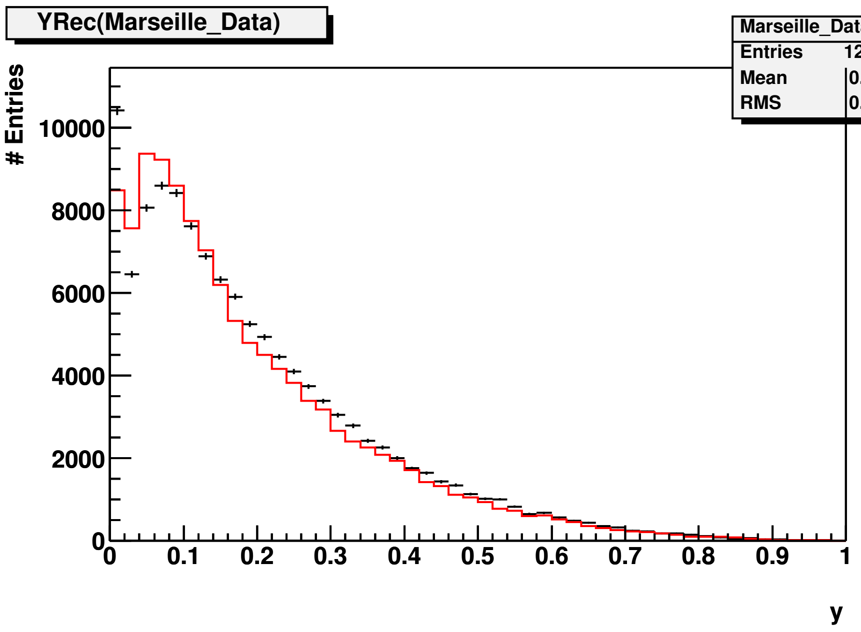
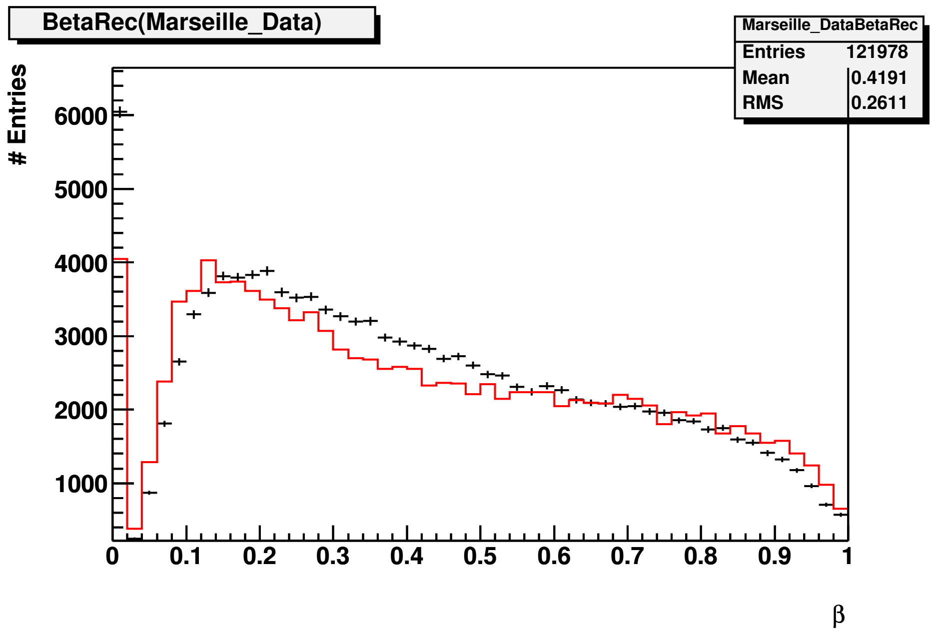


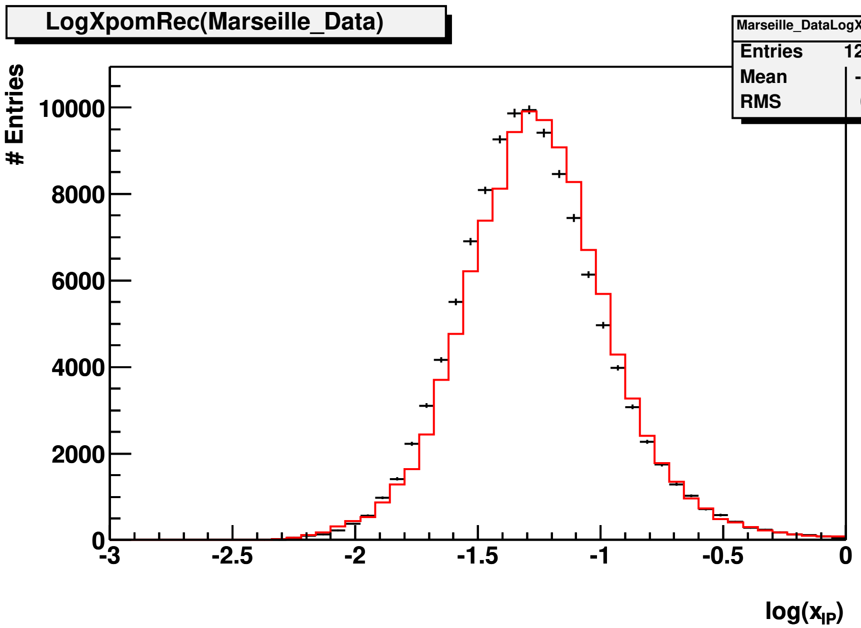
LogQ2_100(Marseille_Data)
Marseille_DataLogQ2_100
Entries 121978
Mean 2.441
RMS 0.3102
# Entries
log(Q^2)
LogQ2_130(Marseille_Data)
Marseille_DataLogQ2_130
Entries 107847
Mean 2.49
RMS 0.297
# Entries
log(Q^2)
LogQ2_500(Marseille_Data)
Marseille_DataLogQ2_500
Entries 21326
Mean 2.971
RMS 0.2489
# Entries
log(Q^2)
LogQ2_1000(Marseille_Data)
Marseille_DataLogQ2_1000
Entries 7361
Mean 3.246
RMS 0.2253
# Entries
log(Q^2)

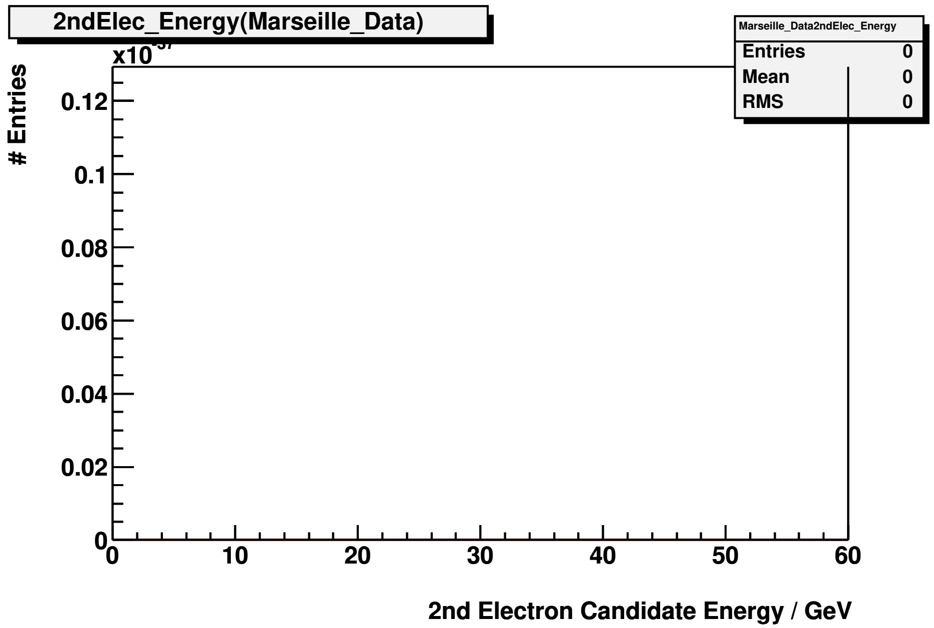


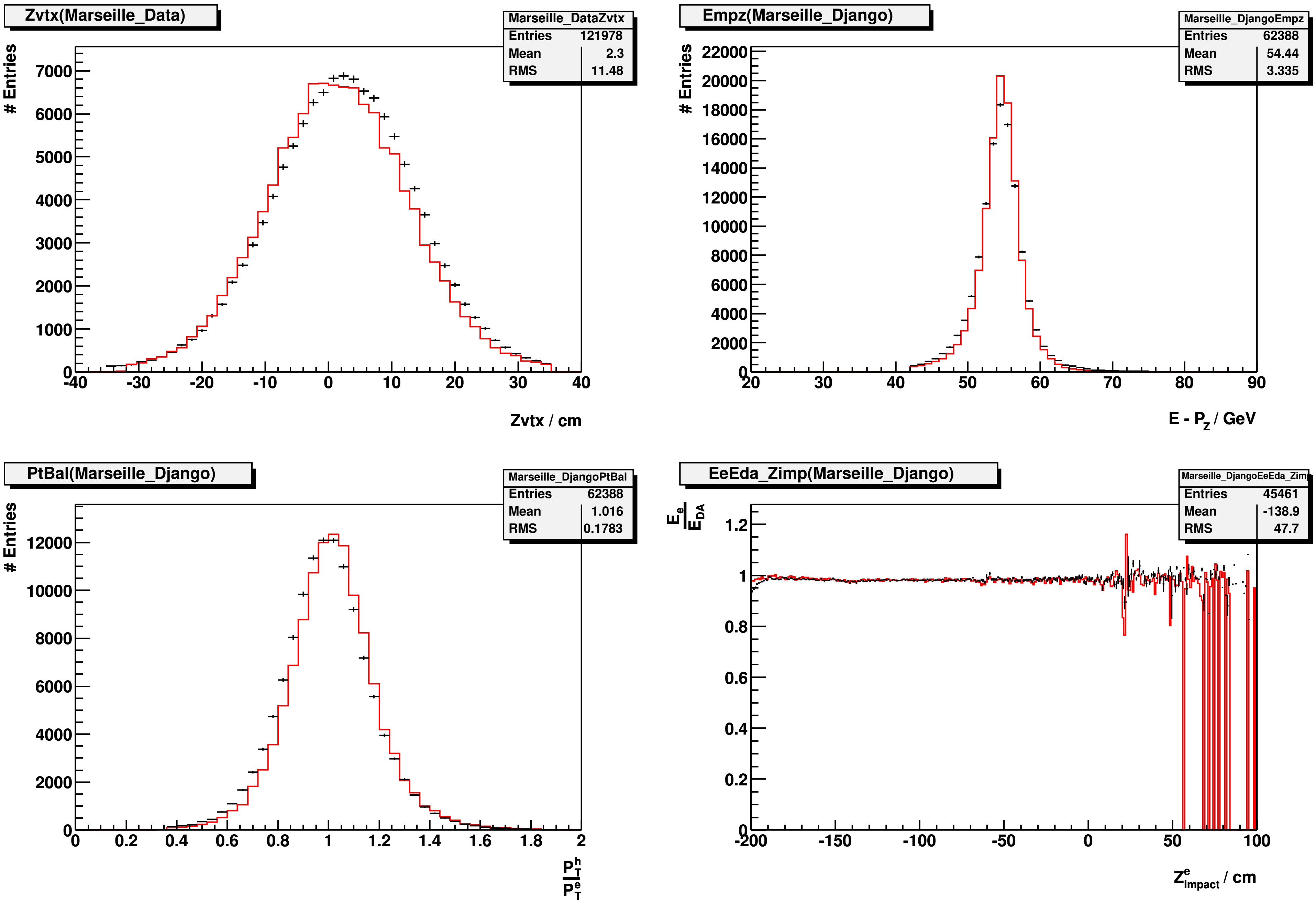
E_Energy(Marseille_Django)
Marseille_DjangoE_Energy
Entries 58291
Mean 25.52
RMS 5.266
Entries
Electron Energy / GeV
LogQ2(Marseille_Data)
Marseille_DataLogQ2
Entries 121978
Mean 2.441
RMS 0.3102
# Entries
log(Q²)
ThElec(Marseille_Data)
Marseille_DataThElec
Entries 121978
Mean 2.447
RMS 0.3043
Entries
θe / rad
PhiElec(Marseille_Data)
Marseille_DataPhiElec
Entries 121978
Mean -0.03867
RMS 1.81
Entries
φe / rad


YRec(Marseille_Data)
Marseille_DataYRec
Entries 121978
Mean 0.1967
RMS 0.1636
Entries
y

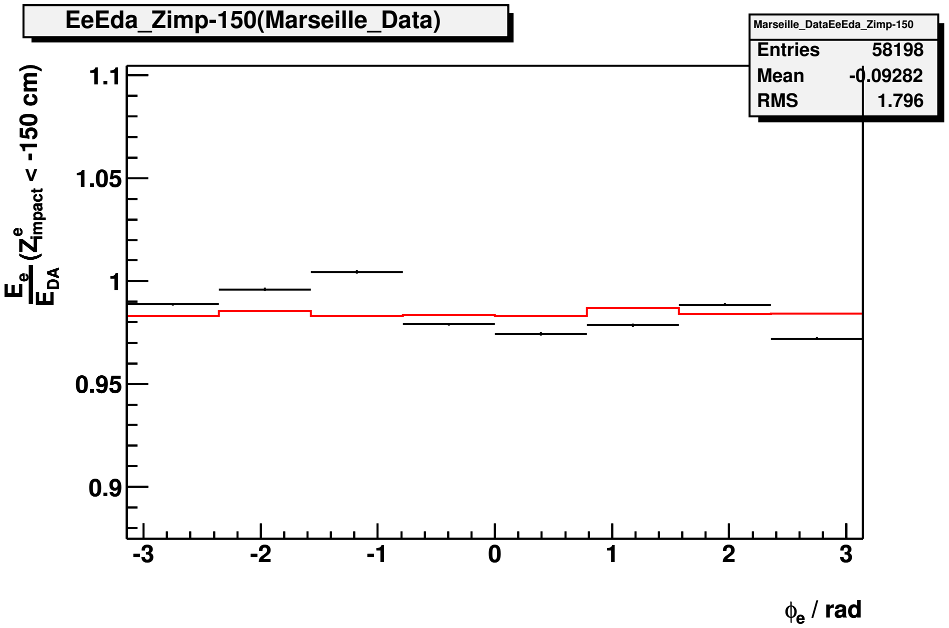

BetaRec(Marseille_Data)
Marseille_DataBetaRec
Entries 121978
Mean 0.4191
RMS 0.2611
Entries
β

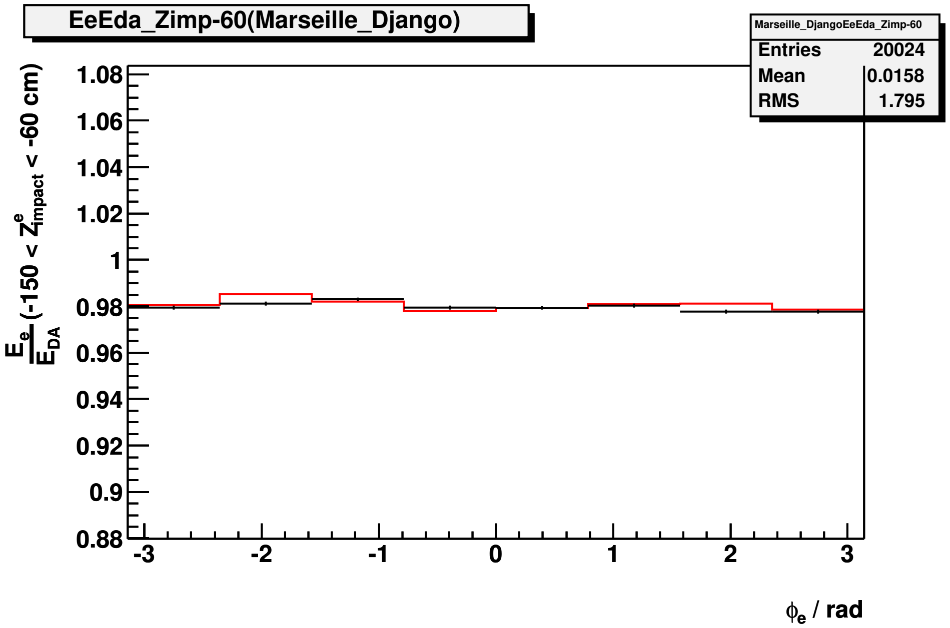

LogXpomRec(Marseille_Data)
Marseille_DataLogXpomRec
Entries 121978
Mean -1.275
RMS 0.306
# Entries
log(x_IP)

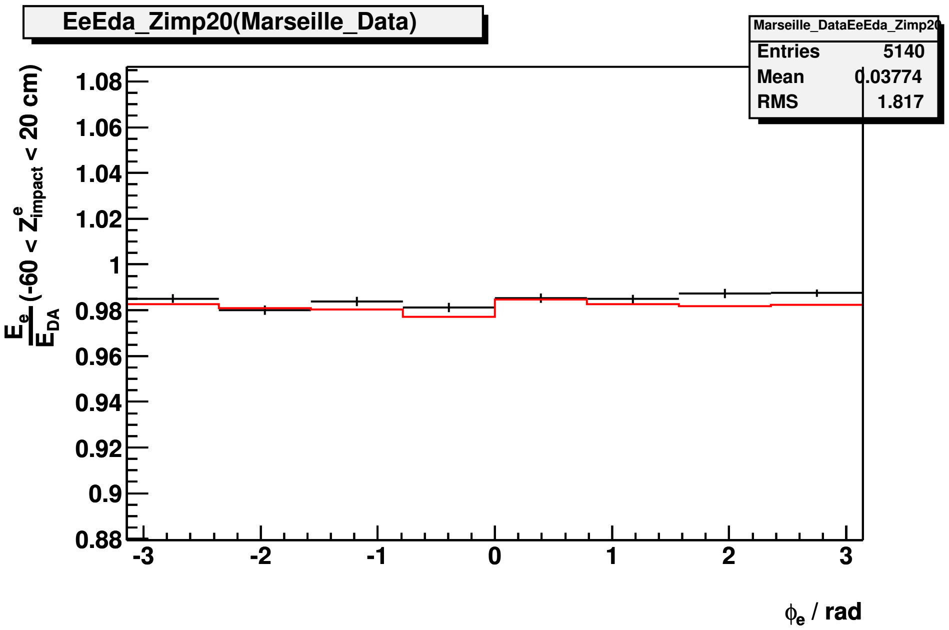

2ndElec_Energy(Marseille_Data)
Marseille_Data2ndElec_Energy
Entries 0
Mean 0
RMS 0
Entries
x10
2nd Electron Candidate Energy / GeV

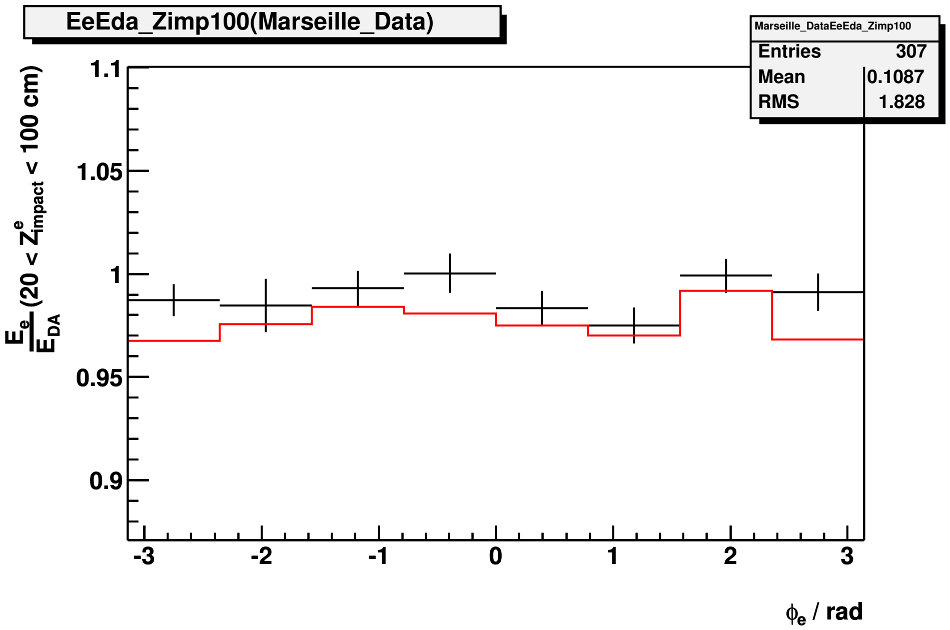


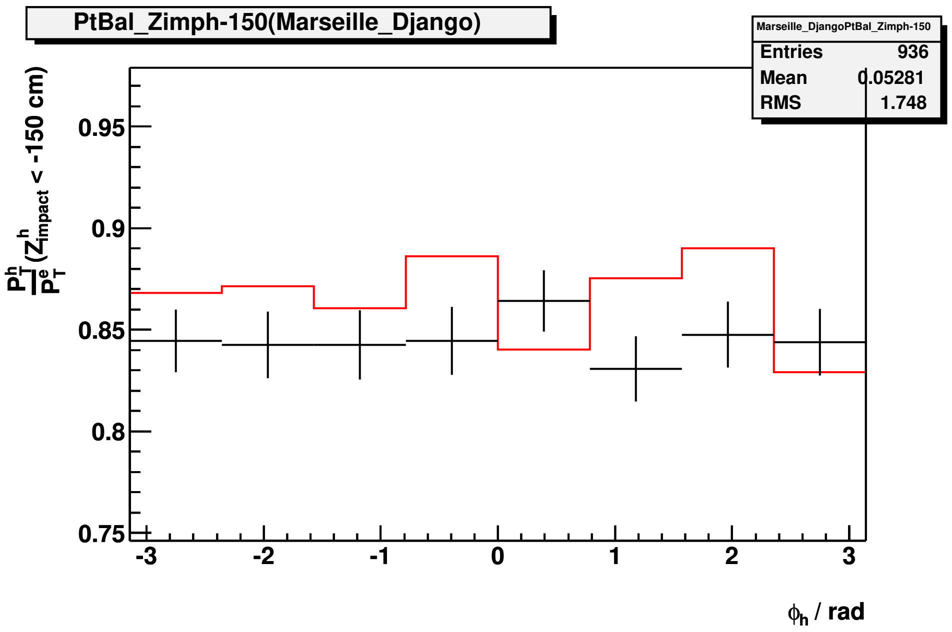
Zvtx(Marseille_Data)
Marseille_DataZvtx
Entries 121978
Mean 2.3
RMS 11.48
Entries
Zvtx / cm
Empz(Marseille_Django)
Marseille_DjangoEmpz
Entries 62388
Mean 54.44
RMS 3.335
Entries
E - P_Z / GeV
PtBal(Marseille_Django)
Marseille_DjangoPtBal
Entries 62388
Mean 1.016
RMS 0.1783
Entries
P_T^h / P_T^e
EeEda_Zimp(Marseille_Django)
Marseille_DjangoEeEda_Zim
Entries 45461
Mean -138.9
RMS 47.7
E_e / E_DA
Z^e_impact / cm

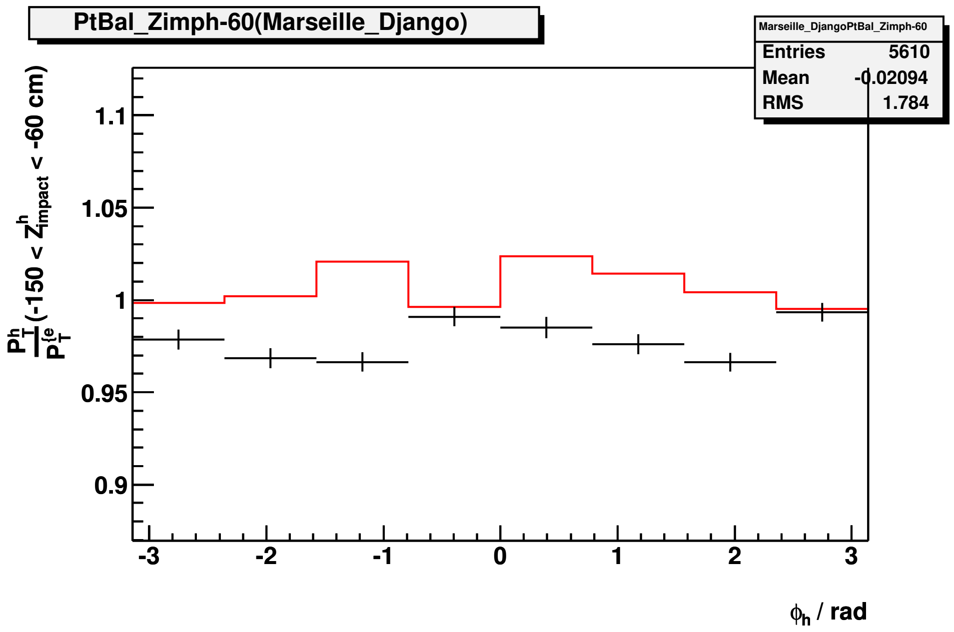

EeEda_Zimp-150(Marseille_Data)
Marseille_DataEeEda_Zimp-150
Entries 58198
Mean -0.09282
RMS 1.796
$\frac{E_e}{E_{DA}}$ (Z^e_{impact} < -150 cm)
ϕ_e / rad

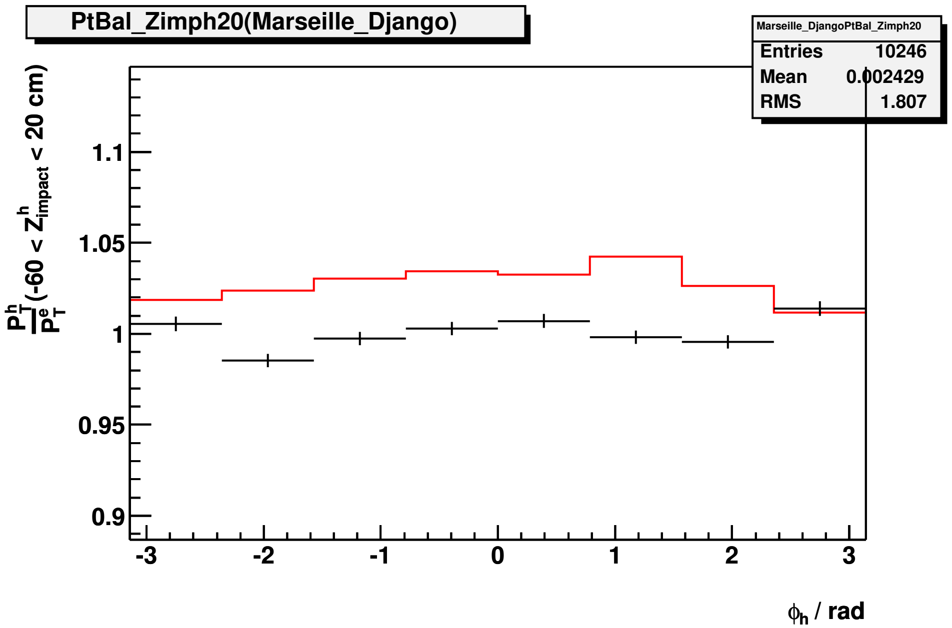

EeEda_Zimp-60(Marseille_Django)
Marseille_DjangoEeEda_Zimp-60
Entries 20024
Mean 0.0158
RMS 1.795
$\frac{E_e}{E_{DA}}$ (-150 < Z^e_{impact} < -60 cm)
ϕ_e / rad

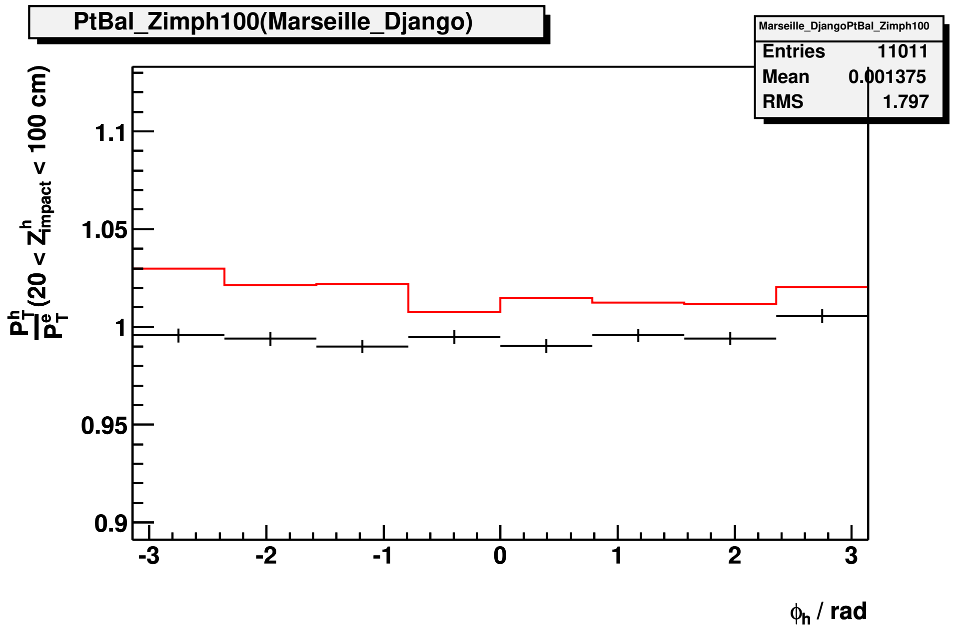

EeEda_Zimp20(Marseille_Data)
Marseille_DataEeEda_Zimp20
Entries 5140
Mean 0.03774
RMS 1.817
$\frac{E_e}{E_{DA}}$ (-60 < Z^e_{impact} < 20 cm)
ϕ_e / rad

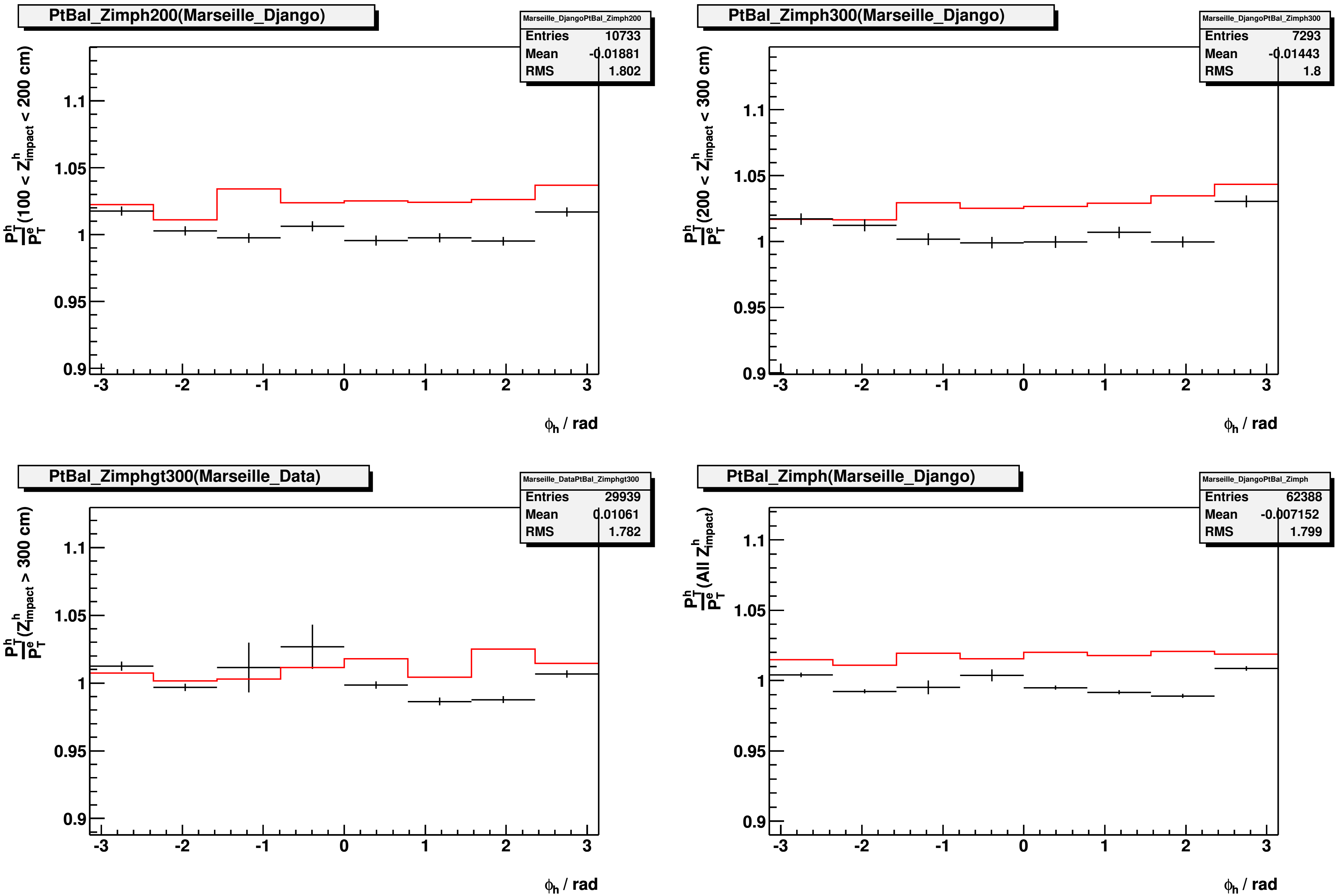

EeEda_Zimp100(Marseille_Data)
Marseille_DataEeEda_Zimp100
Entries 307
Mean 0.1087
RMS 1.828
$\frac{E_e}{E_{DA}}$ (20 < Z^e_{impact} < 100 cm)
ϕ_e / rad


PtBal_Zimph-150(Marseille_Django)
Marseille_DjangoPtBal_Zimph-150
Entries 936
Mean 0.05281
RMS 1.748
$\frac{P_T^h}{P_T^e}(Z_{impact}^h < -150\ cm)$
ϕ_h / rad

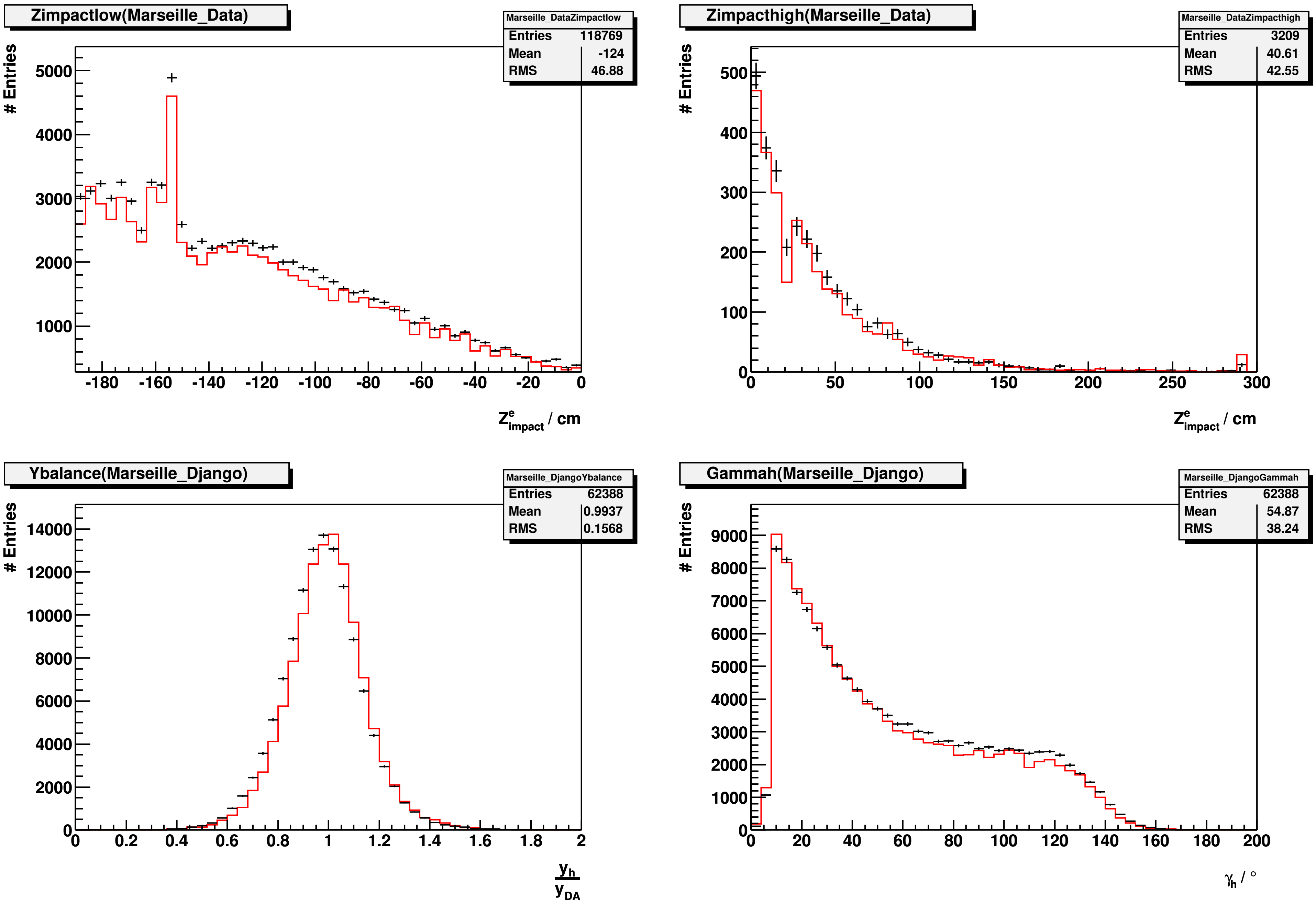

PtBal_Zimph-60(Marseille_Django)
Marseille_DjangoPtBal_Zimph-60
Entries 5610
Mean -0.02094
RMS 1.784
$\frac{P_T^h}{P_T^e}(-150 < Z_{impact}^h < -60\ cm)$
ϕ_h / rad


PtBal_Zimph20(Marseille_Django)
Marseille_DjangoPtBal_Zimph20
Entries 10246
Mean 0.002429
RMS 1.807
$\frac{P_T^h}{P_T^e}(-60 < Z_{impact}^h < 20\ cm)$
ϕ_h / rad

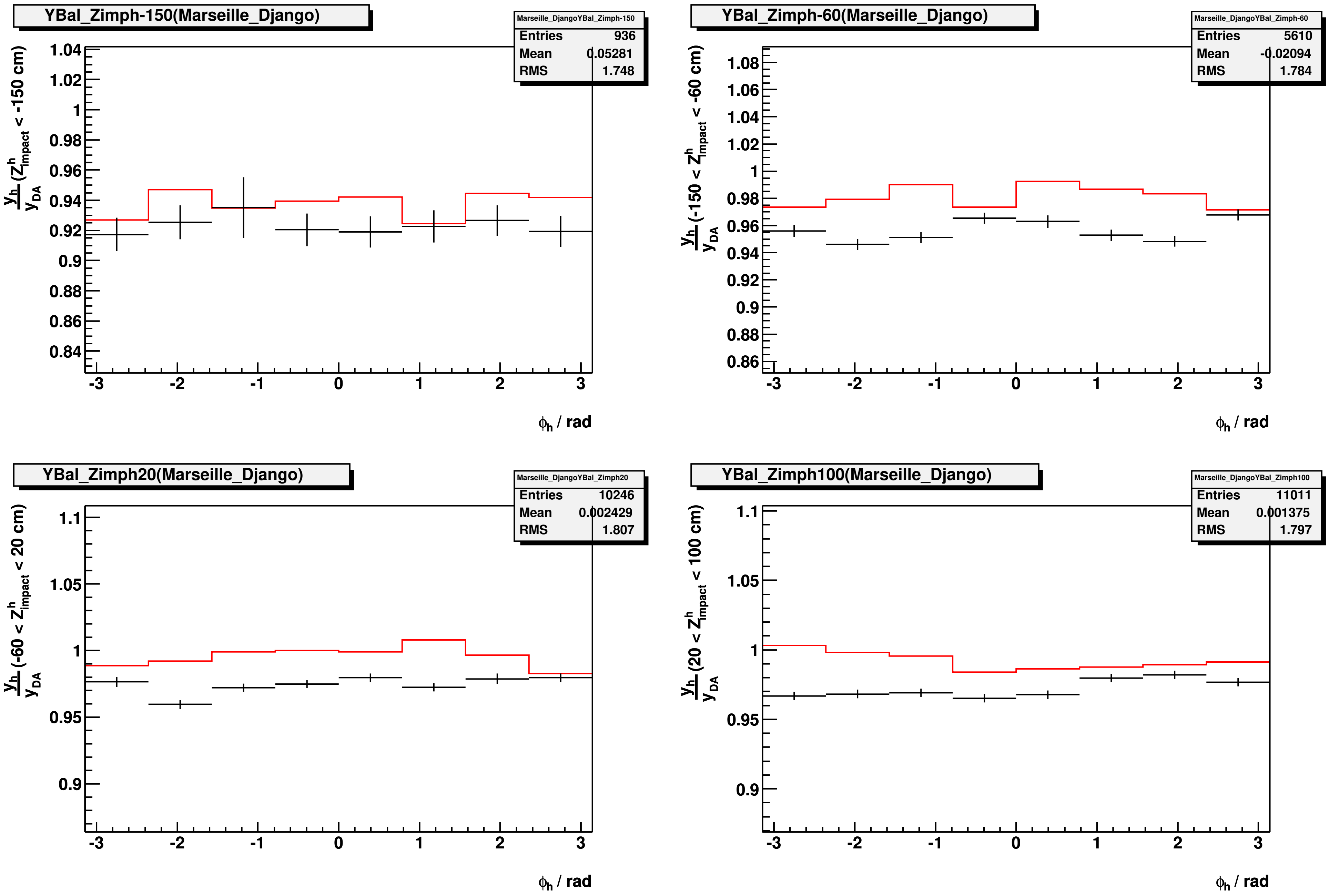

PtBal_Zimph100(Marseille_Django)
Marseille_DjangoPtBal_Zimph100
Entries 11011
Mean 0.001375
RMS 1.797
$\frac{P_T^h}{P_T^e}(20 < Z_{impact}^h < 100\ cm)$
ϕ_h / rad



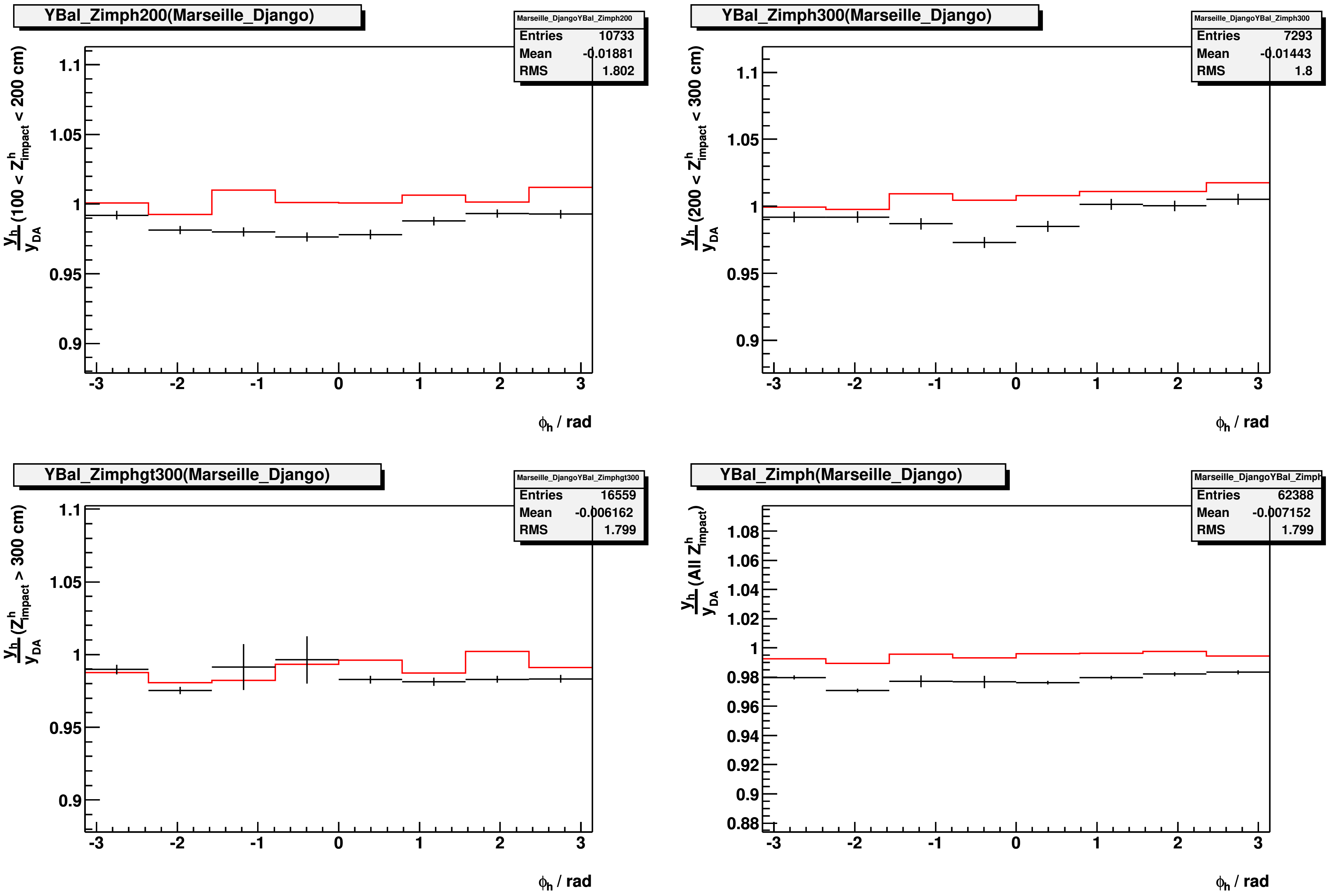
PtBal_Zimph200(Marseille_Django)
Marseille_DjangoPtBal_Zimph200
Entries 10733
Mean -0.01881
RMS 1.802
$\frac{P_T^h}{P_T^e}(100 < Z^h_{impact} < 200$ cm)
ϕ_h / rad
PtBal_Zimph300(Marseille_Django)
Marseille_DjangoPtBal_Zimph300
Entries 7293
Mean -0.01443
RMS 1.8
$\frac{P_T^h}{P_T^e}(200 < Z^h_{impact} < 300$ cm)
ϕ_h / rad
PtBal_Zimphgt300(Marseille_Data)
Marseille_DataPtBal_Zimphgt300
Entries 29939
Mean 0.01061
RMS 1.782
$\frac{P_T^h}{P_T^e}(Z^h_{impact} > 300$ cm)
ϕ_h / rad
PtBal_Zimph(Marseille_Django)
Marseille_DjangoPtBal_Zimph
Entries 62388
Mean -0.007152
RMS 1.799
$\frac{P_T^h}{P_T^e}$(All Z^h_{impact})
ϕ_h / rad



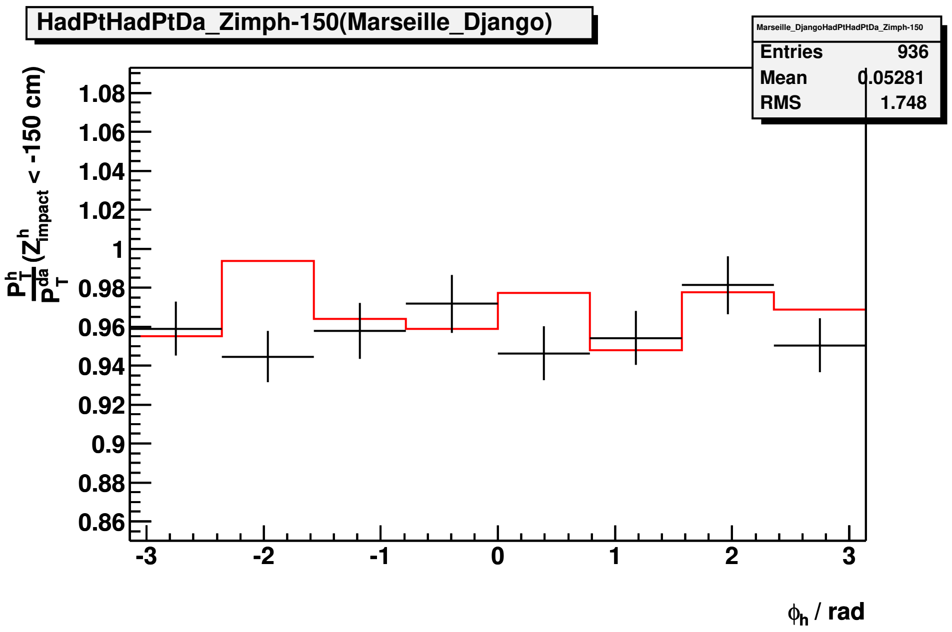
Zimpactlow(Marseille_Data)
Marseille_DataZimpactlow
Entries 118769
Mean -124
RMS 46.88
Entries
5000
4000
3000
2000
1000
-180 -160 -140 -120 -100 -80 -60 -40 -20 0
Z^{e}_{impact} / cm
Zimpacthigh(Marseille_Data)
Marseille_DataZimpacthigh
Entries 3209
Mean 40.61
RMS 42.55
Entries
500
400
300
200
100
0
0 50 100 150 200 250 300
Z^{e}_{impact} / cm
Ybalance(Marseille_Django)
Marseille_DjangoYbalance
Entries 62388
Mean 0.9937
RMS 0.1568
Entries
14000
12000
10000
8000
6000
4000
2000
0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
$\frac{y_h}{y_{DA}}$
Gammah(Marseille_Django)
Marseille_DjangoGammah
Entries 62388
Mean 54.87
RMS 38.24
Entries
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0 20 40 60 80 100 120 140 160 180 200
γ_h / °

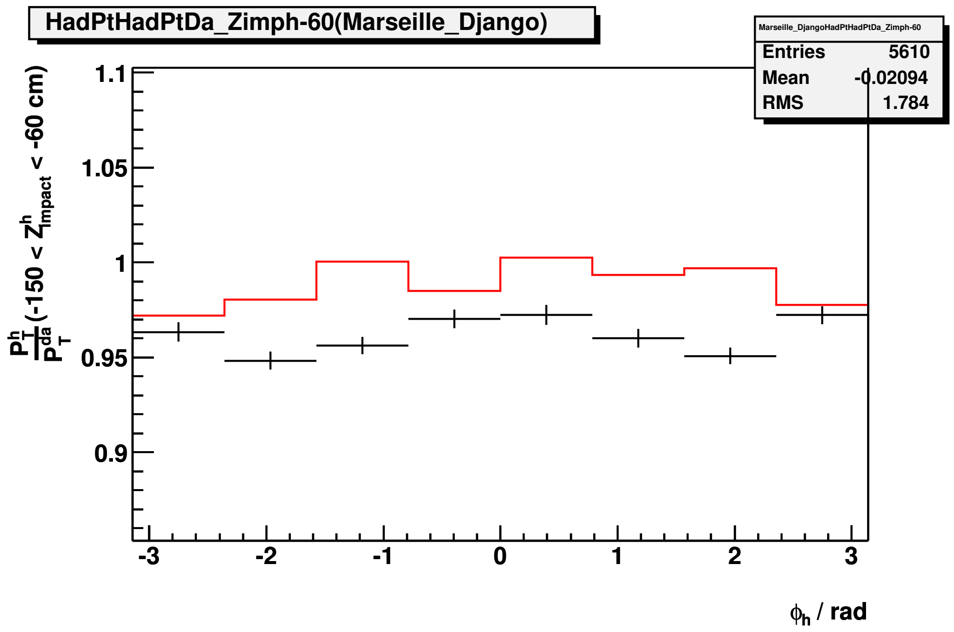


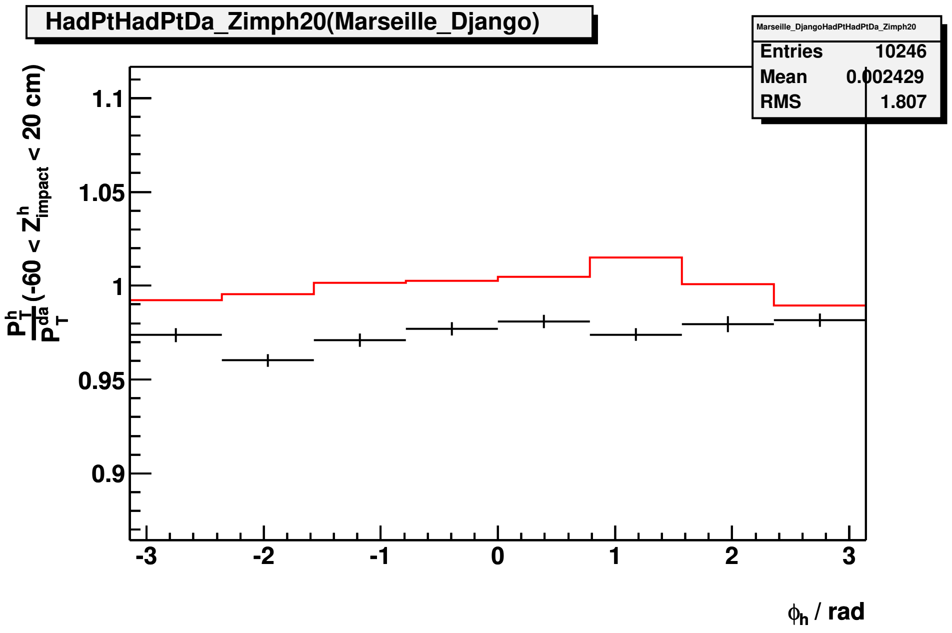
YBal_Zimph-150(Marseille_Django)
Marseille_DjangoYBal_Zimph-150
Entries 936
Mean 0.05281
RMS 1.748
$\frac{y_h}{y_{DA}} (Z^h_{impact} < -150\ cm)$
ϕ_h / rad
YBal_Zimph-60(Marseille_Django)
Marseille_DjangoYBal_Zimph-60
Entries 5610
Mean -0.02094
RMS 1.784
$\frac{y_h}{y_{DA}} (-150 < Z^h_{impact} < -60\ cm)$
ϕ_h / rad
YBal_Zimph20(Marseille_Django)
Marseille_DjangoYBal_Zimph20
Entries 10246
Mean 0.002429
RMS 1.807
$\frac{y_h}{y_{DA}} (-60 < Z^h_{impact} < 20\ cm)$
ϕ_h / rad
YBal_Zimph100(Marseille_Django)
Marseille_DjangoYBal_Zimph100
Entries 11011
Mean 0.001375
RMS 1.797
$\frac{y_h}{y_{DA}} (20 < Z^h_{impact} < 100\ cm)$
ϕ_h / rad

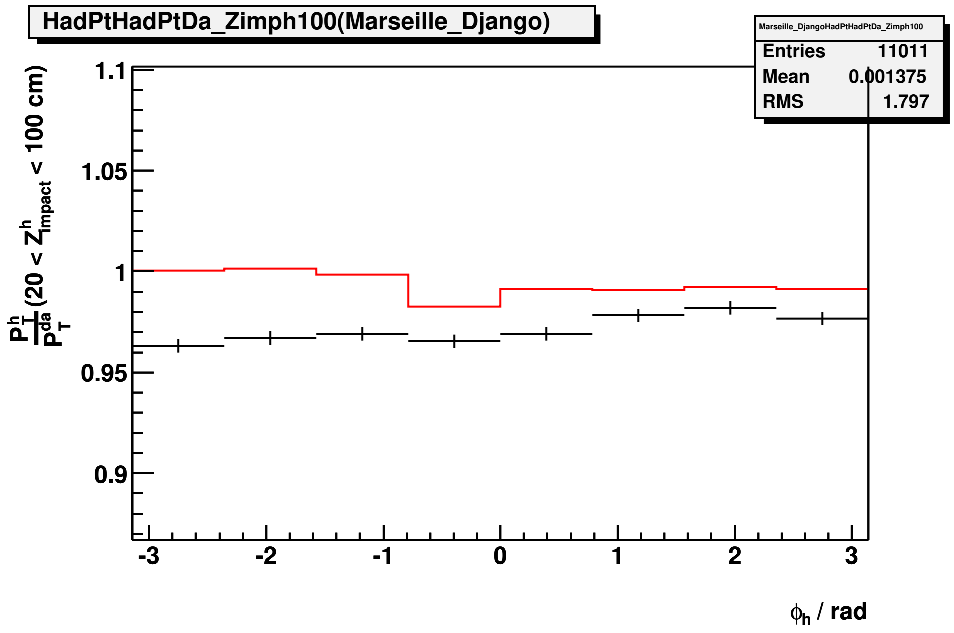


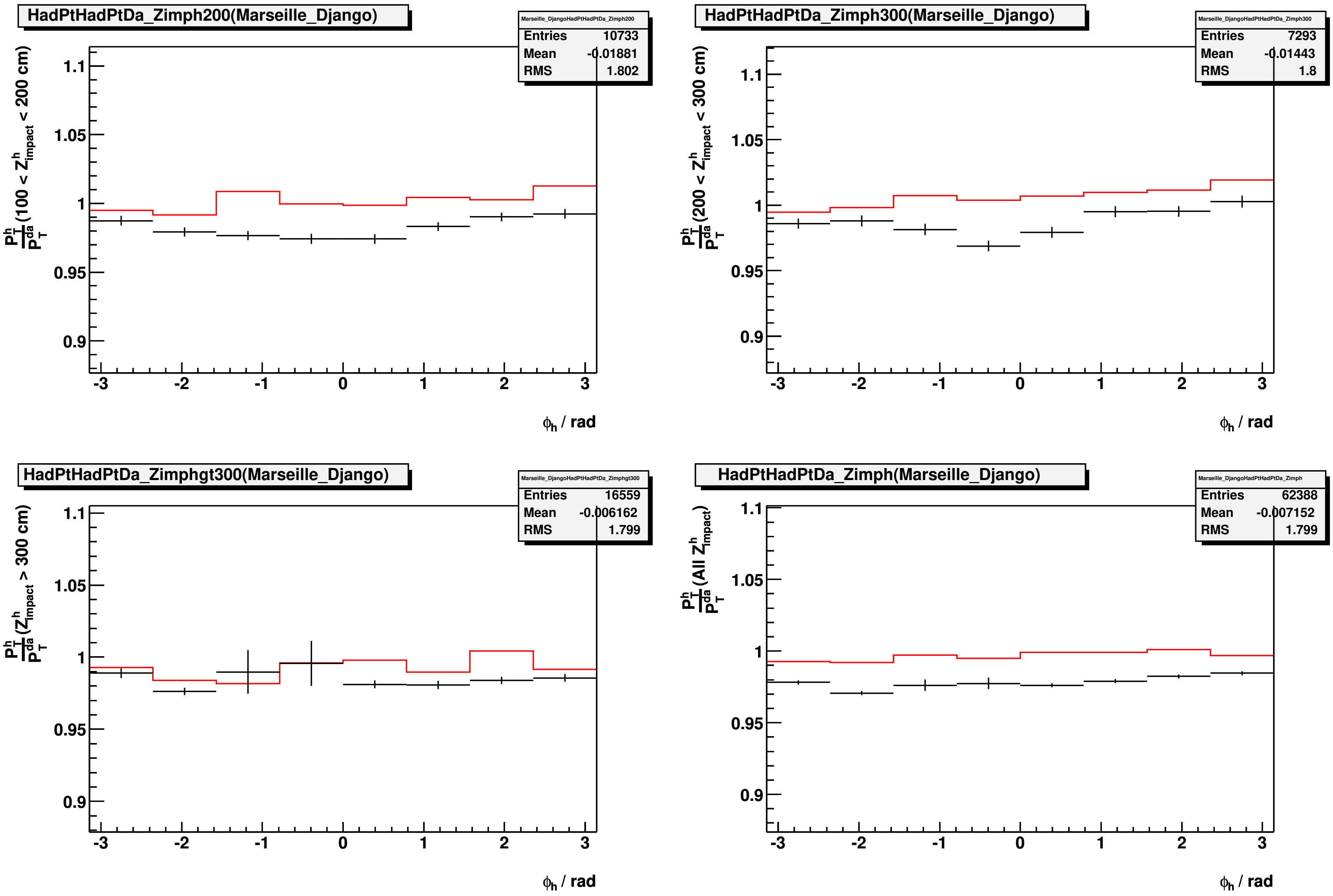
YBal_Zimph200(Marseille_Django)
Marseille_DjangoYBal_Zimph200
Entries 10733
Mean -0.01881
RMS 1.802
$\frac{y_h}{y_{DA}}(100 < Z^h_{impact} < 200\ cm)$
ϕ_h / rad
YBal_Zimph300(Marseille_Django)
Marseille_DjangoYBal_Zimph300
Entries 7293
Mean -0.01443
RMS 1.8
$\frac{y_h}{y_{DA}}(200 < Z^h_{impact} < 300\ cm)$
ϕ_h / rad
YBal_Zimphgt300(Marseille_Django)
Marseille_DjangoYBal_Zimphgt300
Entries 16559
Mean -0.006162
RMS 1.799
$\frac{y_h}{y_{DA}}(Z^h_{impact} > 300\ cm)$
ϕ_h / rad
YBal_Zimph(Marseille_Django)
Marseille_DjangoYBal_Zimph
Entries 62388
Mean -0.007152
RMS 1.799
$\frac{y_h}{y_{DA}}(All\ Z^h_{impact})$
ϕ_h / rad

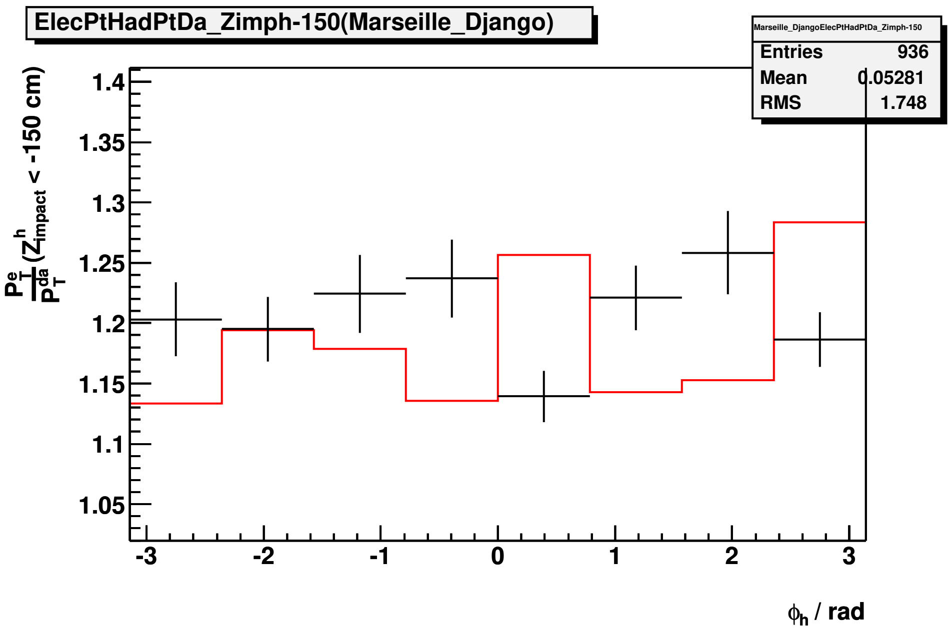

HadPtHadPtDa_Zimph-150(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph-150
Entries 936
Mean 0.05281
RMS 1.748
$\frac{P_T^h}{P_T^{da}}(Z_{impact}^h < -150\ cm)$
ϕ_h / rad

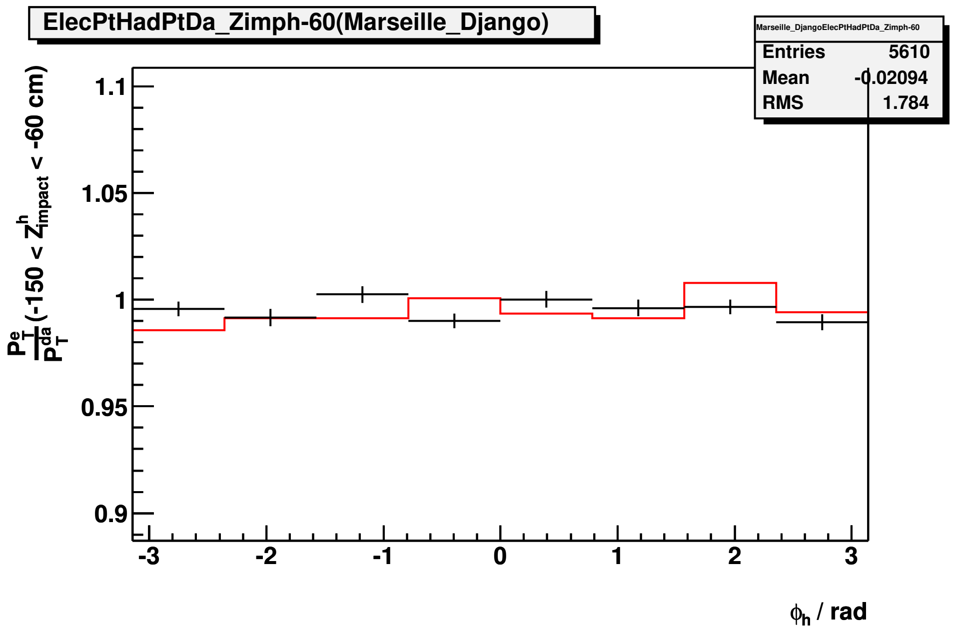

HadPtHadPtDa_Zimph-60(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph-60
Entries 5610
Mean -0.02094
RMS 1.784
$\frac{P_T^h}{P_T^{da}}(-150 < Z_{impact}^h < -60\ cm)$
ϕ_h / rad

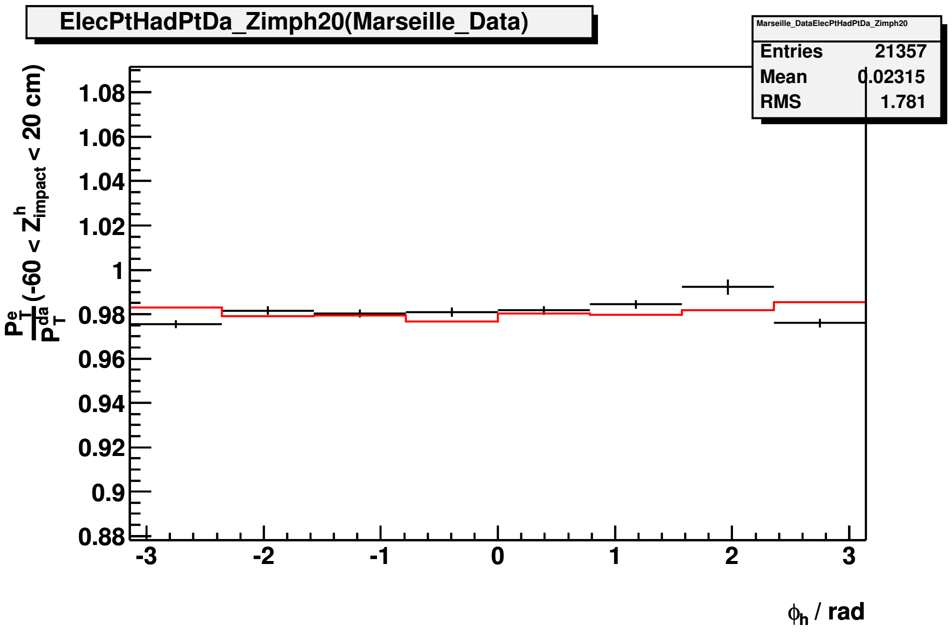

HadPtHadPtDa_Zimph20(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph20
Entries 10246
Mean 0.002429
RMS 1.807
$\frac{P_T^h}{P_T^{da}}(-60 < Z_{impact}^h < 20\ cm)$
ϕ_h / rad

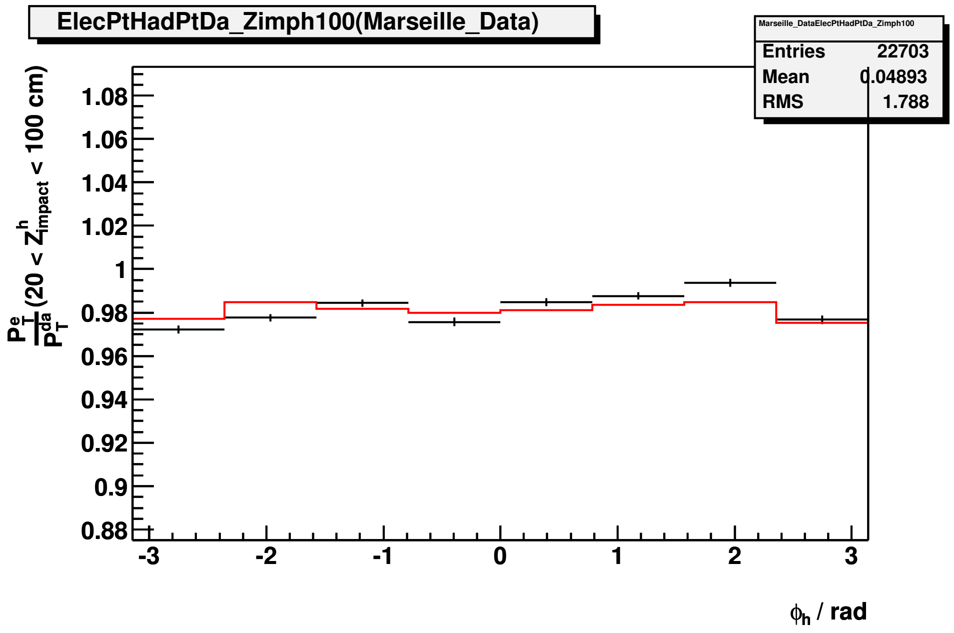

HadPtHadPtDa_Zimph100(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph100
Entries 11011
Mean 0.001375
RMS 1.797
$\frac{P_T^h}{P_T^{da}}(20 < Z_{impact}^h < 100\ cm)$
ϕ_h / rad

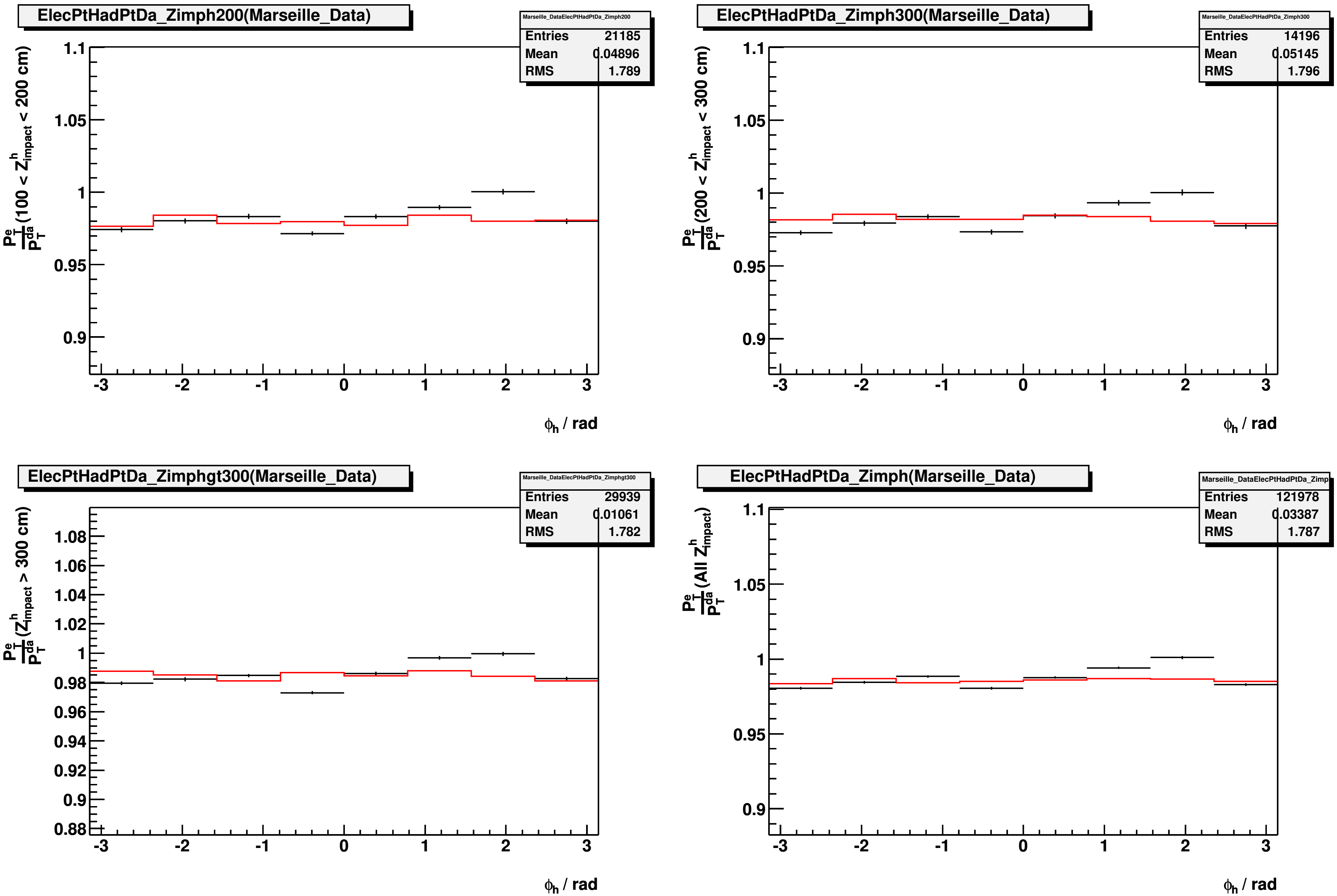

HadPtHadPtDa_Zimph200(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph200
Entries 10733
Mean -0.01881
RMS 1.802
$\frac{P_T^h}{P_T^{da}}(100 < Z_{impact}^h < 200$ cm)
ϕ_h / rad
HadPtHadPtDa_Zimph300(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph300
Entries 7293
Mean -0.01443
RMS 1.8
$\frac{P_T^h}{P_T^{da}}(200 < Z_{impact}^h < 300$ cm)
ϕ_h / rad
HadPtHadPtDa_Zimphgt300(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimphgt300
Entries 16559
Mean -0.006162
RMS 1.799
$\frac{P_T^h}{P_T^{da}}(Z_{impact}^h > 300$ cm)
ϕ_h / rad
HadPtHadPtDa_Zimph(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Zimph
Entries 62388
Mean -0.007152
RMS 1.799
$\frac{P_T^h}{P_T^{da}}$(All Z_{impact}^h)
ϕ_h / rad

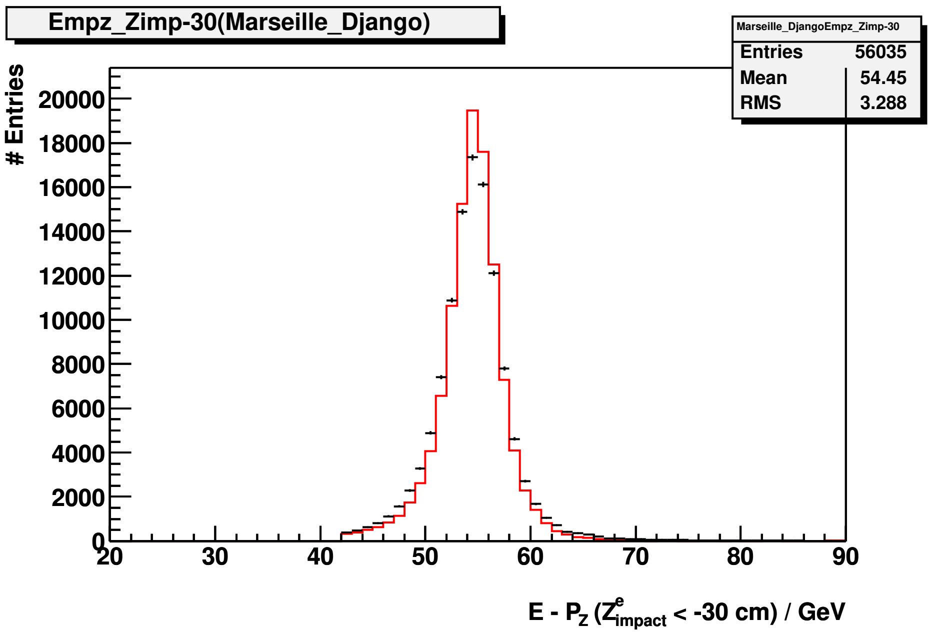

ElecPtHadPtDa_Zimph-150(Marseille_Django)
Marseille_DjangoElecPtHadPtDa_Zimph-150
Entries 936
Mean 0.05281
RMS 1.748
$\frac{P_T^e}{P_T^{da}}(Z^h_{impact} < -150$ cm)
ϕ_h / rad

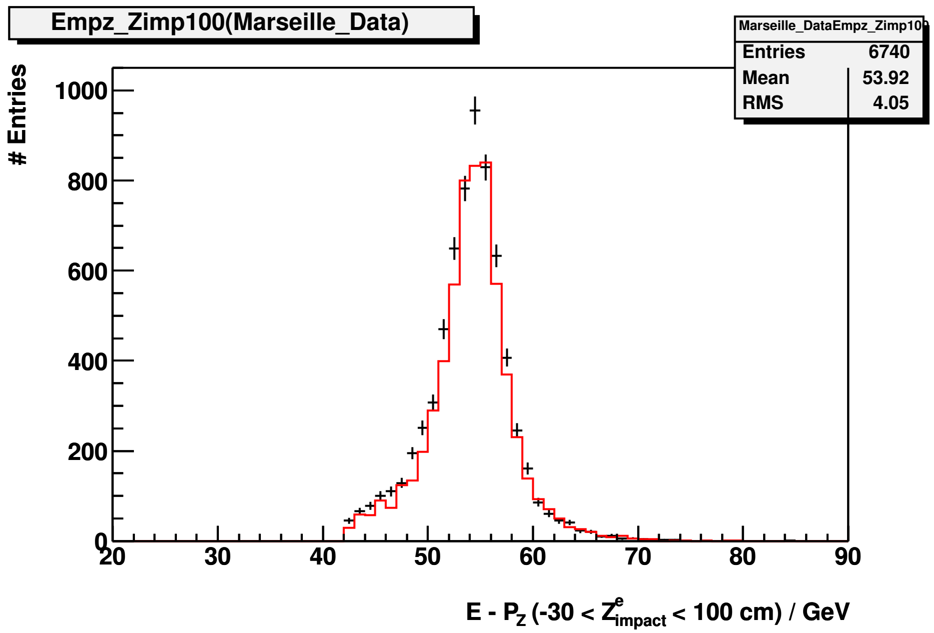

ElecPtHadPtDa_Zimph-60(Marseille_Django)
Marseille_DjangoElecPtHadPtDa_Zimph-60
Entries 5610
Mean -0.02094
RMS 1.784
$\frac{P_T^e}{P_T^{da}}(-150 < Z^h_{impact} < -60$ cm)
ϕ_h / rad

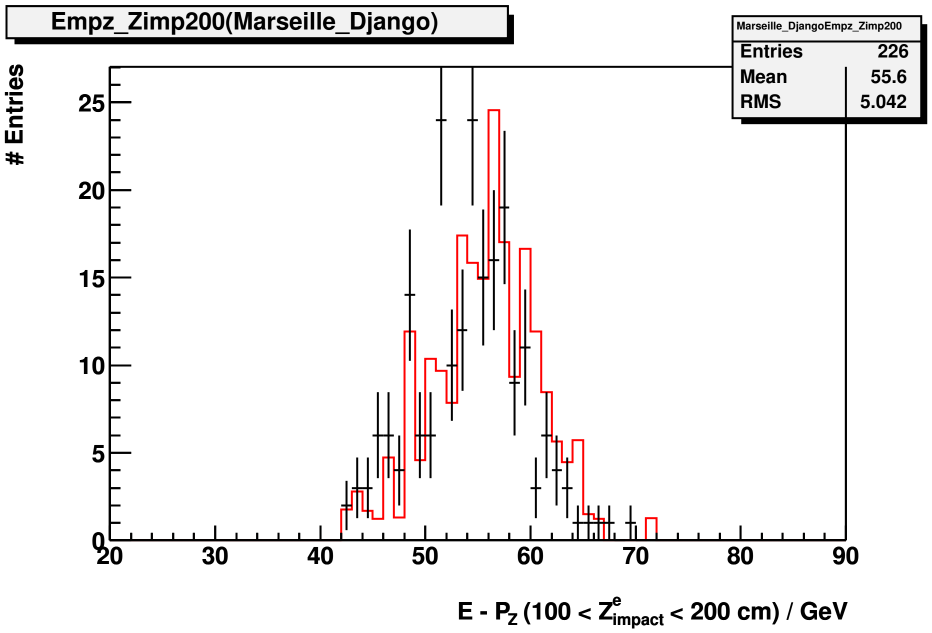

ElecPtHadPtDa_Zimph20(Marseille_Data)
Marseille_DataElecPtHadPtDa_Zimph20
Entries 21357
Mean 0.02315
RMS 1.781
$\frac{P_T^e}{P_T^{da}}(-60 < Z^h_{impact} < 20$ cm)
ϕ_h / rad

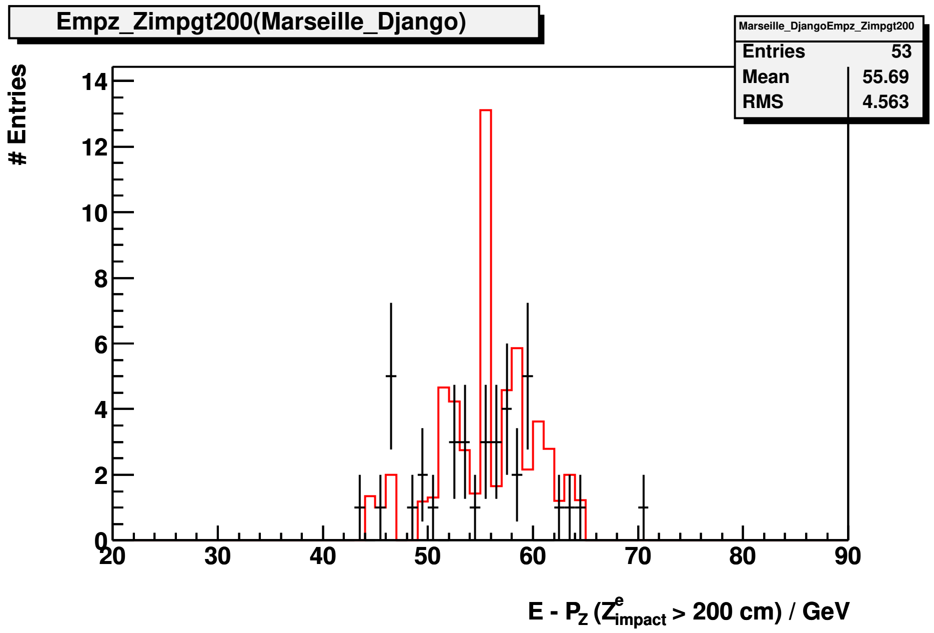

ElecPtHadPtDa_Zimph100(Marseille_Data)
Marseille_DataElecPtHadPtDa_Zimph100
Entries 22703
Mean 0.04893
RMS 1.788
$\frac{P_T^e}{P_T^{da}}(20 < Z^h_{impact} < 100$ cm)
ϕ_h / rad

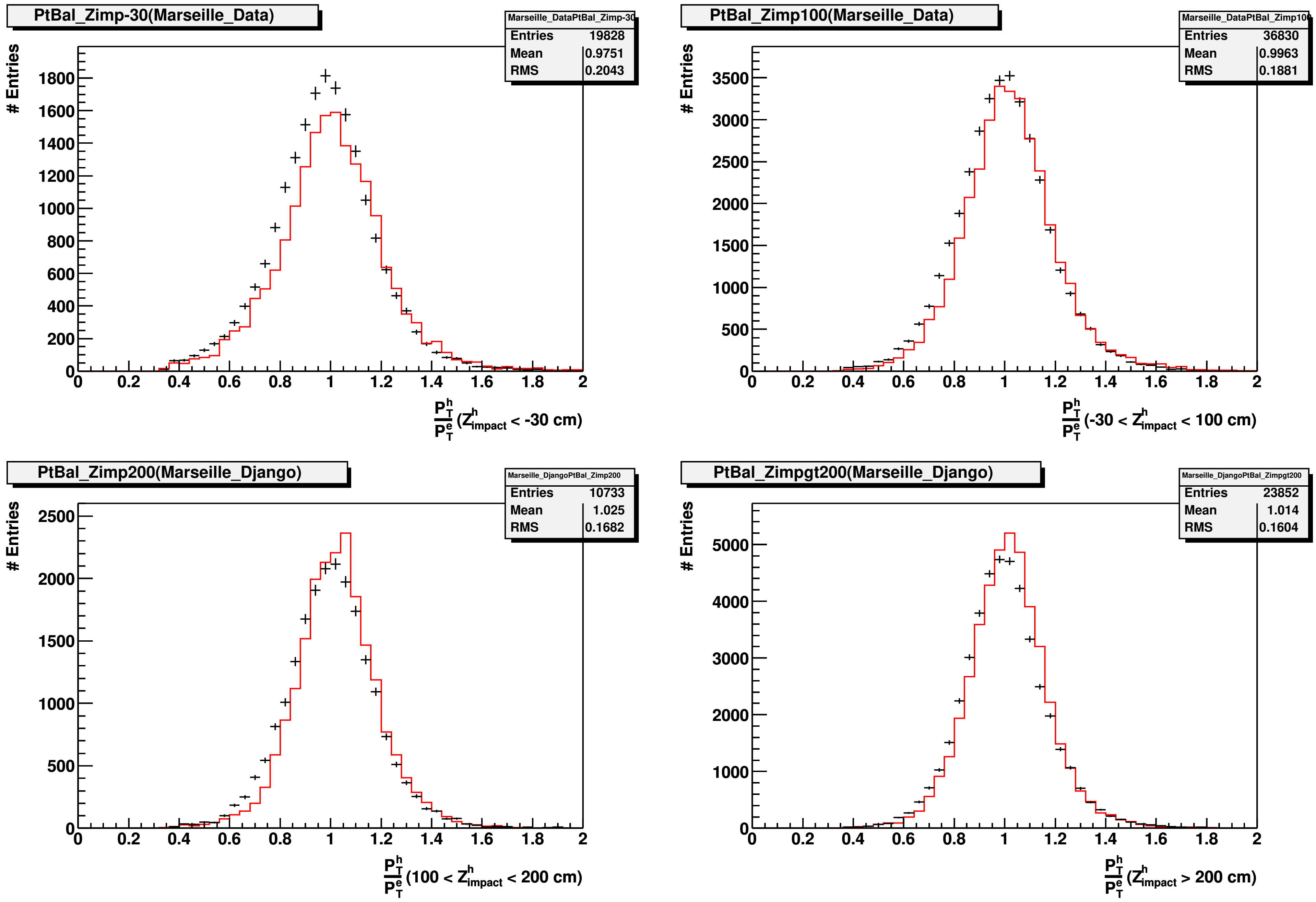

ElecPtHadPtDa_Zimph200(Marseille_Data)
Entries 21185
Mean 0.04896
RMS 1.789
1.1
1.05
1
0.95
0.9
-3 -2 -1 0 1 2 3
ϕh / rad
ElecPtHadPtDa_Zimph300(Marseille_Data)
Marseille_DataElecPtHadPtDa_Zimph300
Entries 14196
Mean 0.05145
RMS 1.796
1.1
1.05
1
0.95
0.9
-3 -2 -1 0 1 2 3
ϕh / rad
ElecPtHadPtDa_Zimphgt300(Marseille_Data)
Entries 29939
Mean 0.01061
RMS 1.782
1.08
1.06
1.04
1.02
1
0.98
0.96
0.94
0.92
0.9
0.88
-3 -2 -1 0 1 2 3
ϕh / rad
ElecPtHadPtDa_Zimph(Marseille_Data)
Marseille_DataElecPtHadPtDa_Zimp
Entries 121978
Mean 0.03387
RMS 1.787
1.1
1.05
1
0.95
0.9
-3 -2 -1 0 1 2 3
ϕh / rad


Empz_Zimp-30(Marseille_Django)
Marseille_DjangoEmpz_Zimp-30
Entries 56035
Mean 54.45
RMS 3.288
Entries
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
20 30 40 50 60 70 80 90
E - P_Z (Z^e_{impact} < -30 cm) / GeV

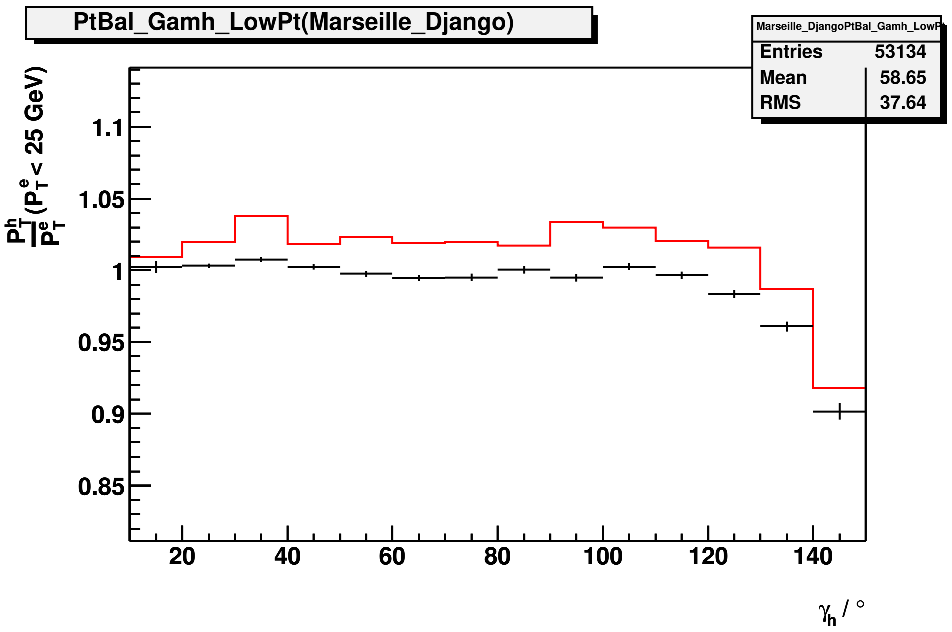

Empz_Zimp100(Marseille_Data)
Marseille_DataEmpz_Zimp100
Entries 6740
Mean 53.92
RMS 4.05
Entries
0
200
400
600
800
1000
20 30 40 50 60 70 80 90
E - P_Z (-30 < Z^e_{impact} < 100 cm) / GeV


Empz_Zimp200(Marseille_Django)
Marseille_DjangoEmpz_Zimp200
Entries 226
Mean 55.6
RMS 5.042
Entries
0
5
10
15
20
25
20 30 40 50 60 70 80 90
E - P_Z (100 < Z^e_{impact} < 200 cm) / GeV

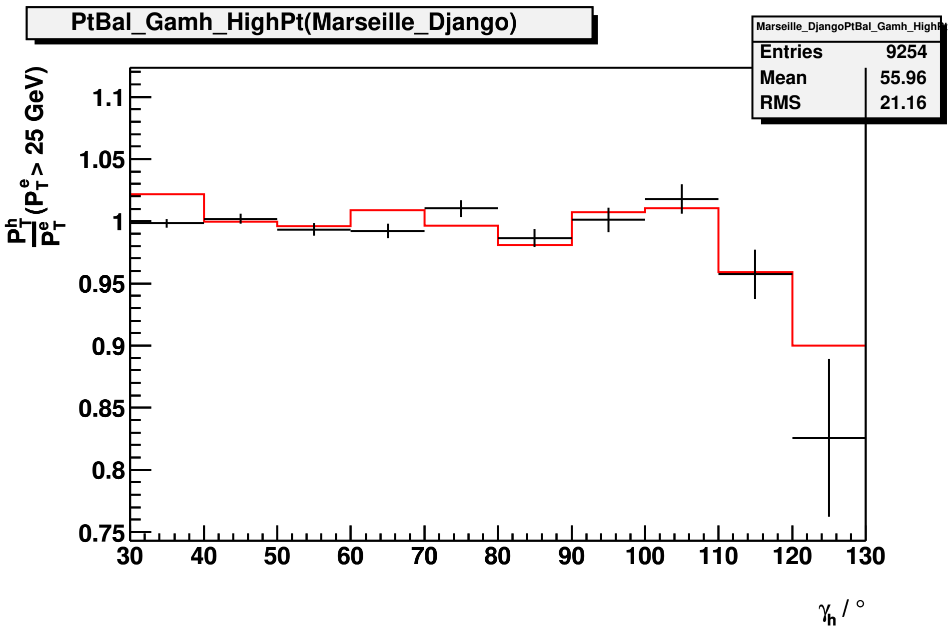

Empz_Zimpgt200(Marseille_Django)
Marseille_DjangoEmpz_Zimpgt200
Entries 53
Mean 55.69
RMS 4.563
Entries
0
2
4
6
8
10
12
14
20 30 40 50 60 70 80 90
E - P_Z (Z^e_{impact} > 200 cm) / GeV



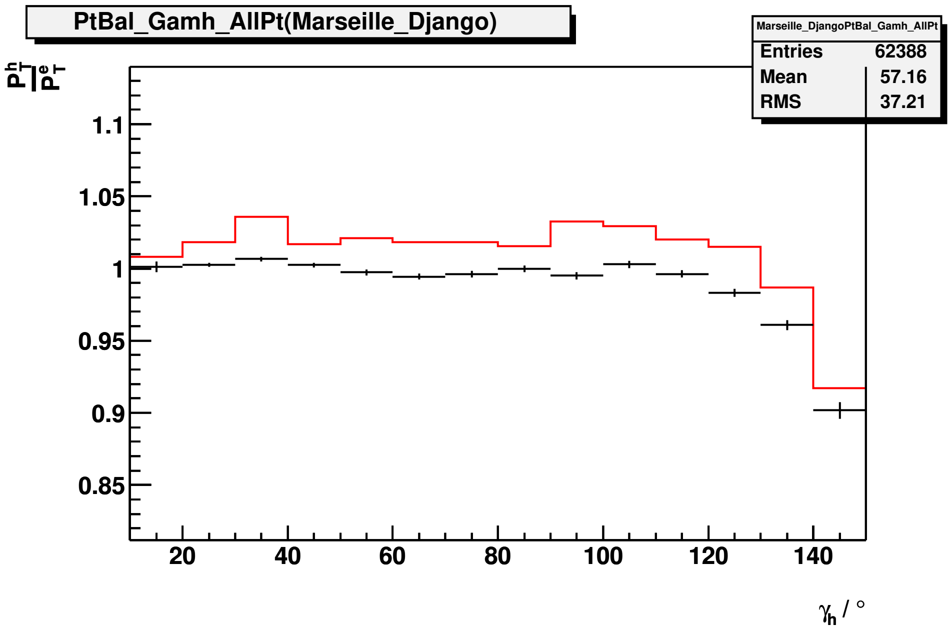
PtBal_Zimp-30(Marseille_Data)
Marseille_DataPtBal_Zimp-30
Entries 19828
Mean 0.9751
RMS 0.2043
Entries
$\frac{P_T^h}{P_T^e}$ (Z^h_{impact} < -30 cm)
PtBal_Zimp100(Marseille_Data)
Marseille_DataPtBal_Zimp100
Entries 36830
Mean 0.9963
RMS 0.1881
$\frac{P_T^h}{P_T^e}$ (-30 < Z^h_{impact} < 100 cm)
PtBal_Zimp200(Marseille_Django)
Marseille_DjangoPtBal_Zimp200
Entries 10733
Mean 1.025
RMS 0.1682
$\frac{P_T^h}{P_T^e}$ (100 < Z^h_{impact} < 200 cm)
PtBal_Zimpgt200(Marseille_Django)
Marseille_DjangoPtBal_Zimpgt200
Entries 23852
Mean 1.014
RMS 0.1604
$\frac{P_T^h}{P_T^e}$ (Z^h_{impact} > 200 cm)



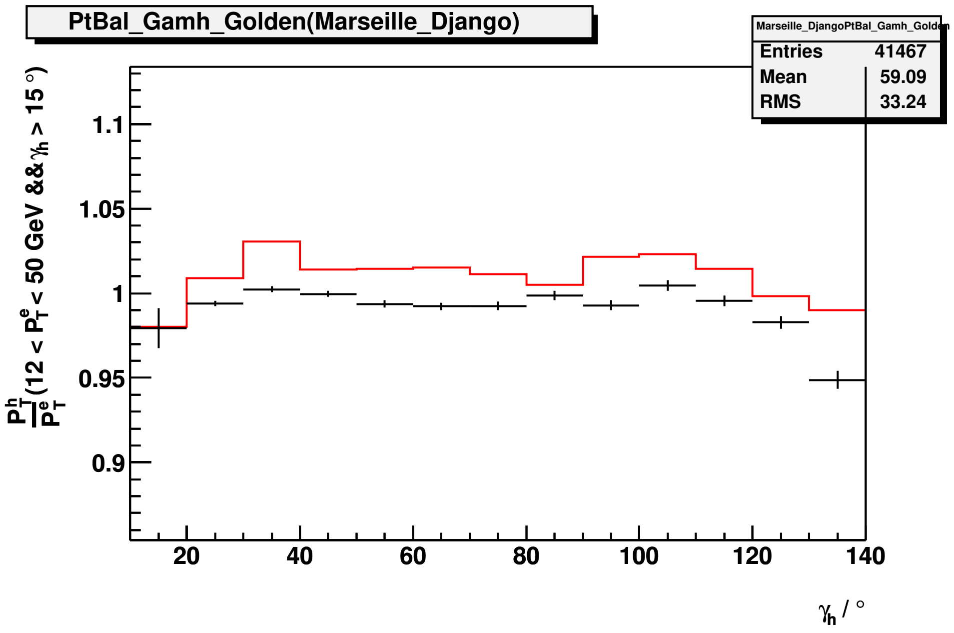
PtBal_Gamh_LowPt(Marseille_Django)
Marseille_DjangoPtBal_Gamh_LowPt
Entries 53134
Mean 58.65
RMS 37.64
$\frac{P_T^h}{P_T^e}(P_T^e < 25$ GeV)
γ_h / °



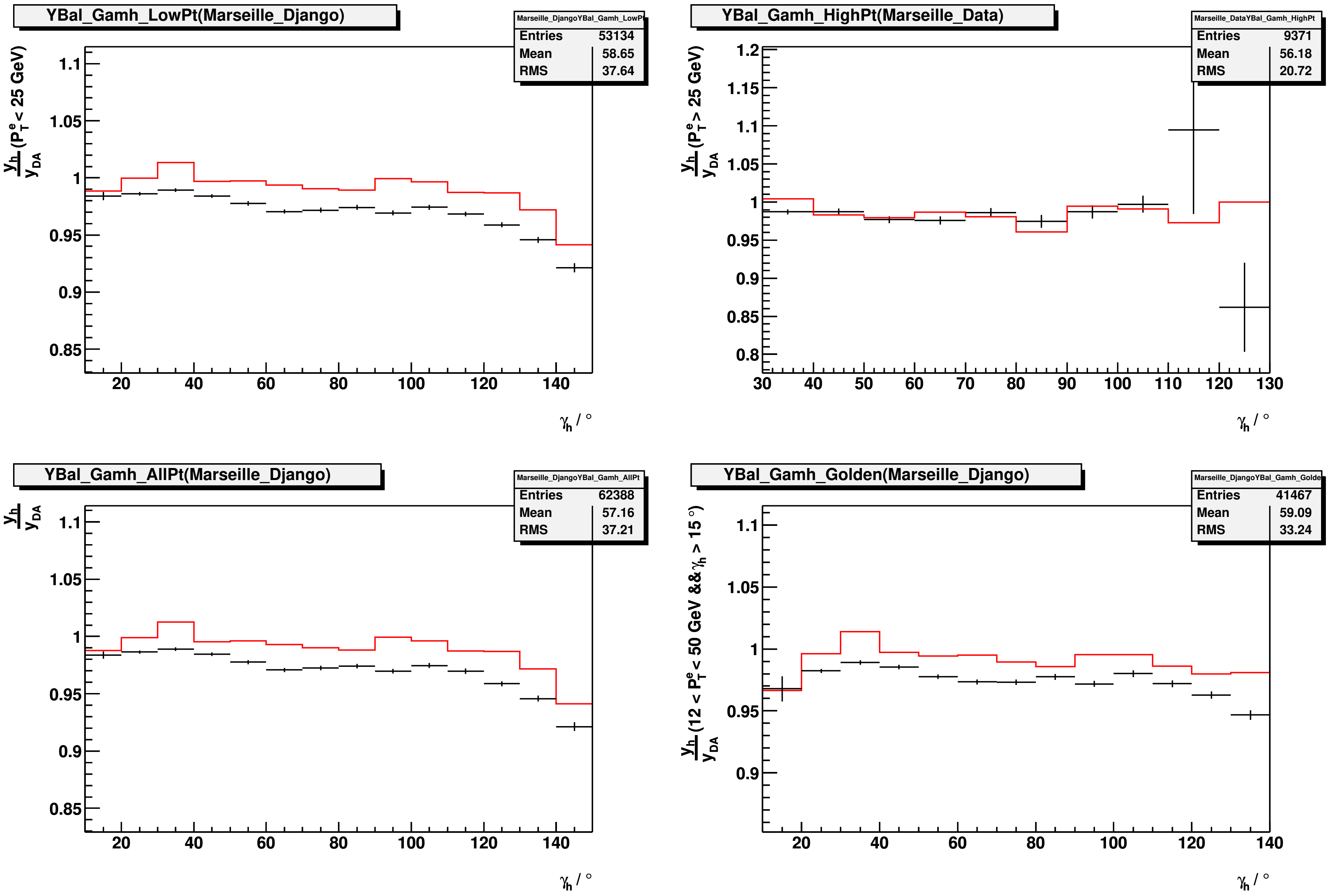
PtBal_Gamh_HighPt(Marseille_Django)
Marseille_DjangoPtBal_Gamh_HighPt
Entries 9254
Mean 55.96
RMS 21.16
$\frac{P_T^h}{P_T^e}(P_T^e > 25$ GeV)
γ_h / °



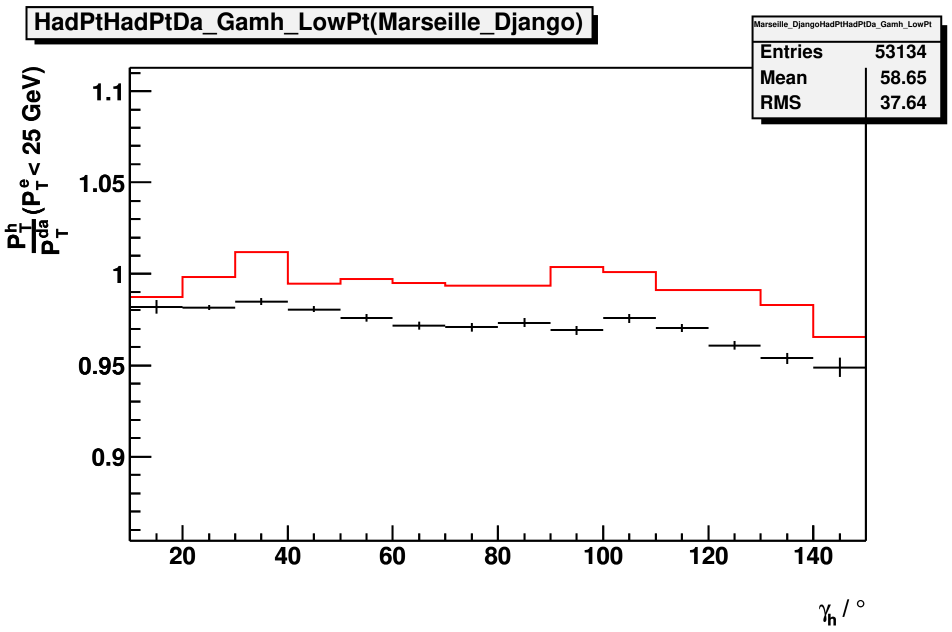
PtBal_Gamh_AllPt(Marseille_Django)
Marseille_DjangoPtBal_Gamh_AllPt
Entries 62388
Mean 57.16
RMS 37.21
$\frac{P_T^h}{P_T^e}$
γ_h / °

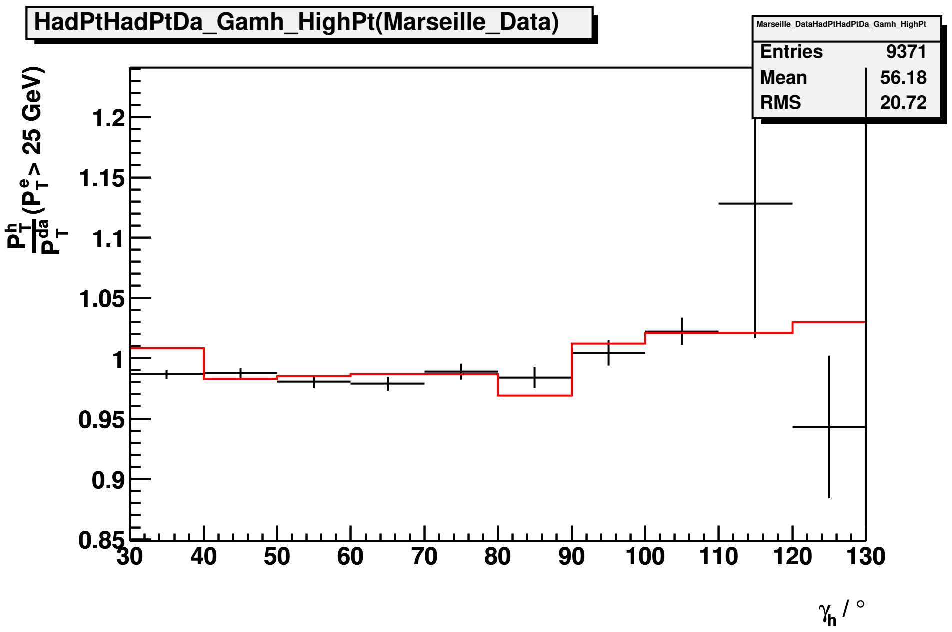


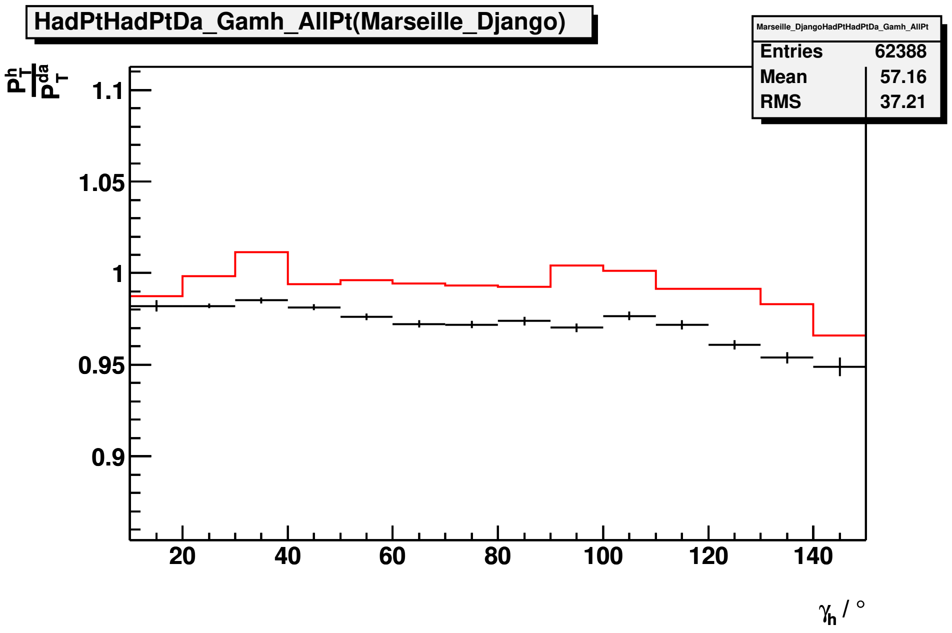
PtBal_Gamh_Golden(Marseille_Django)
Marseille_DjangoPtBal_Gamh_Golden
Entries 41467
Mean 59.09
RMS 33.24
$\frac{P_T^h}{P_T^e}(12 < P_T^e < 50$ GeV && $\gamma_h > 15$ °)
γ_h / °

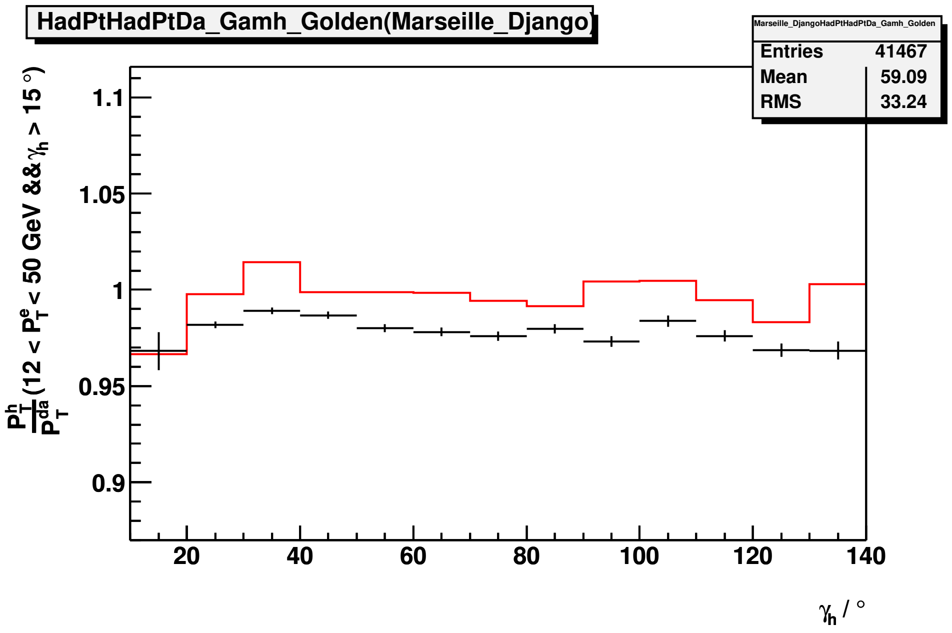


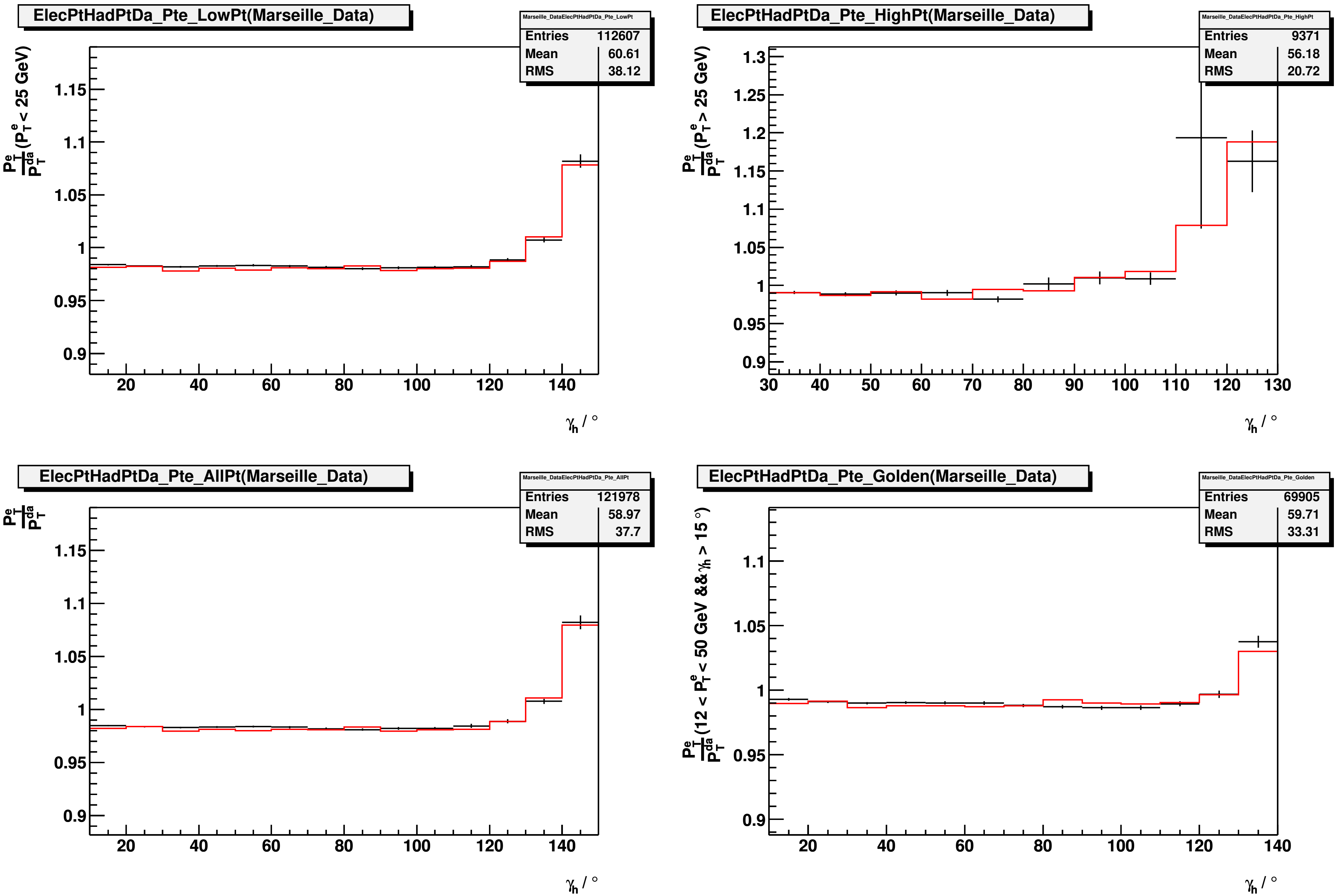
YBal_Gamh_LowPt(Marseille_Django)
Marseille_DjangoYBal_Gamh_LowPt
Entries 53134
Mean 58.65
RMS 37.64
y_h / y_DA (P^e_T < 25 GeV)
γ_h / °
YBal_Gamh_HighPt(Marseille_Data)
Marseille_DataYBal_Gamh_HighPt
Entries 9371
Mean 56.18
RMS 20.72
y_h / y_DA (P^e_T > 25 GeV)
γ_h / °
YBal_Gamh_AllPt(Marseille_Django)
Marseille_DjangoYBal_Gamh_AllPt
Entries 62388
Mean 57.16
RMS 37.21
y_h / y_DA
γ_h / °
YBal_Gamh_Golden(Marseille_Django)
Entries 41467
Mean 59.09
RMS 33.24
y_h / y_DA (12 < P^e_T < 50 GeV && γ_h > 15 °)
γ_h / °

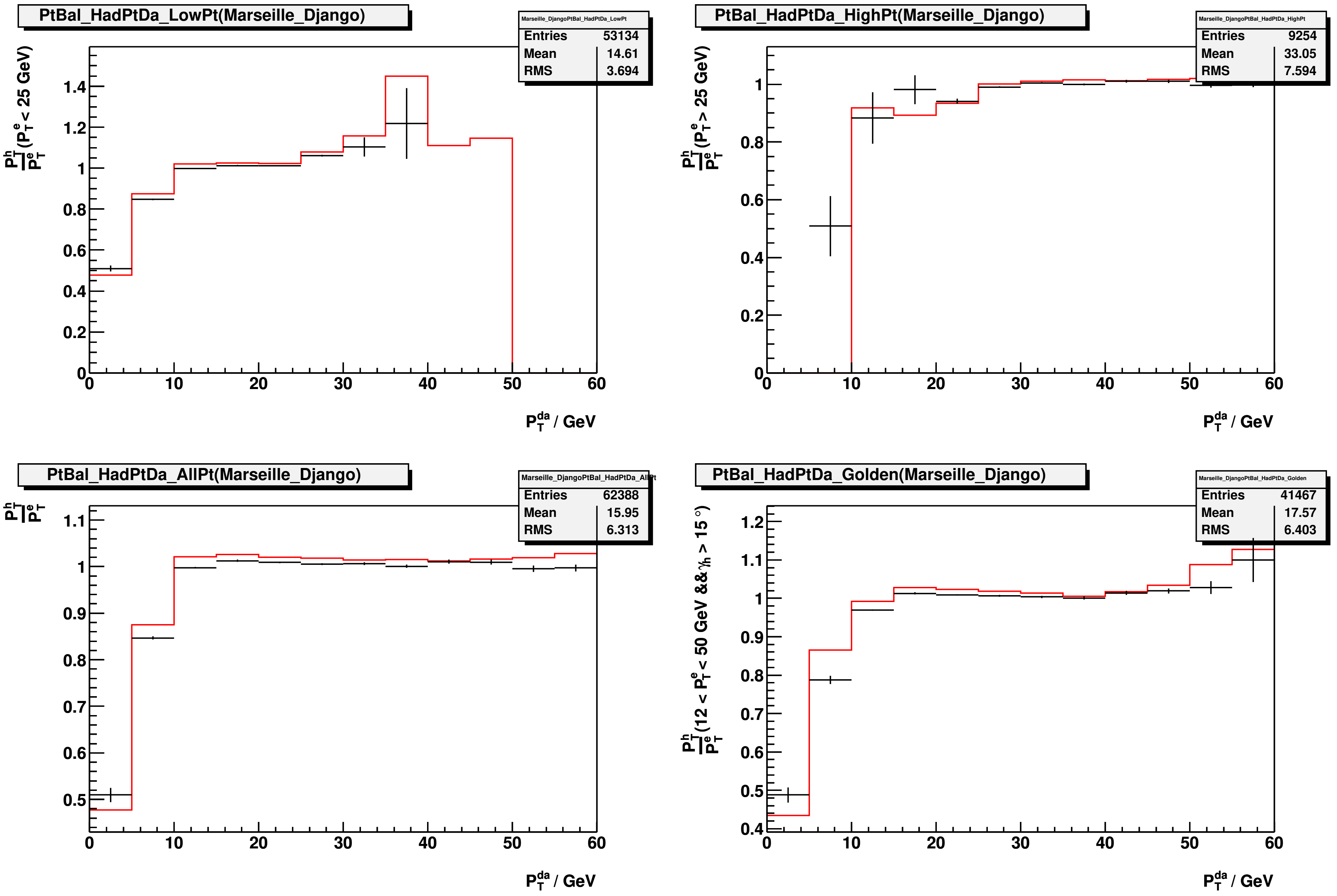

HadPtHadPtDa_Gamh_LowPt(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Gamh_LowPt
Entries 53134
Mean 58.65
RMS 37.64
$\frac{P_T^h}{P_T^{da}} (P_T^e < 25\ GeV)$
γ_h / °

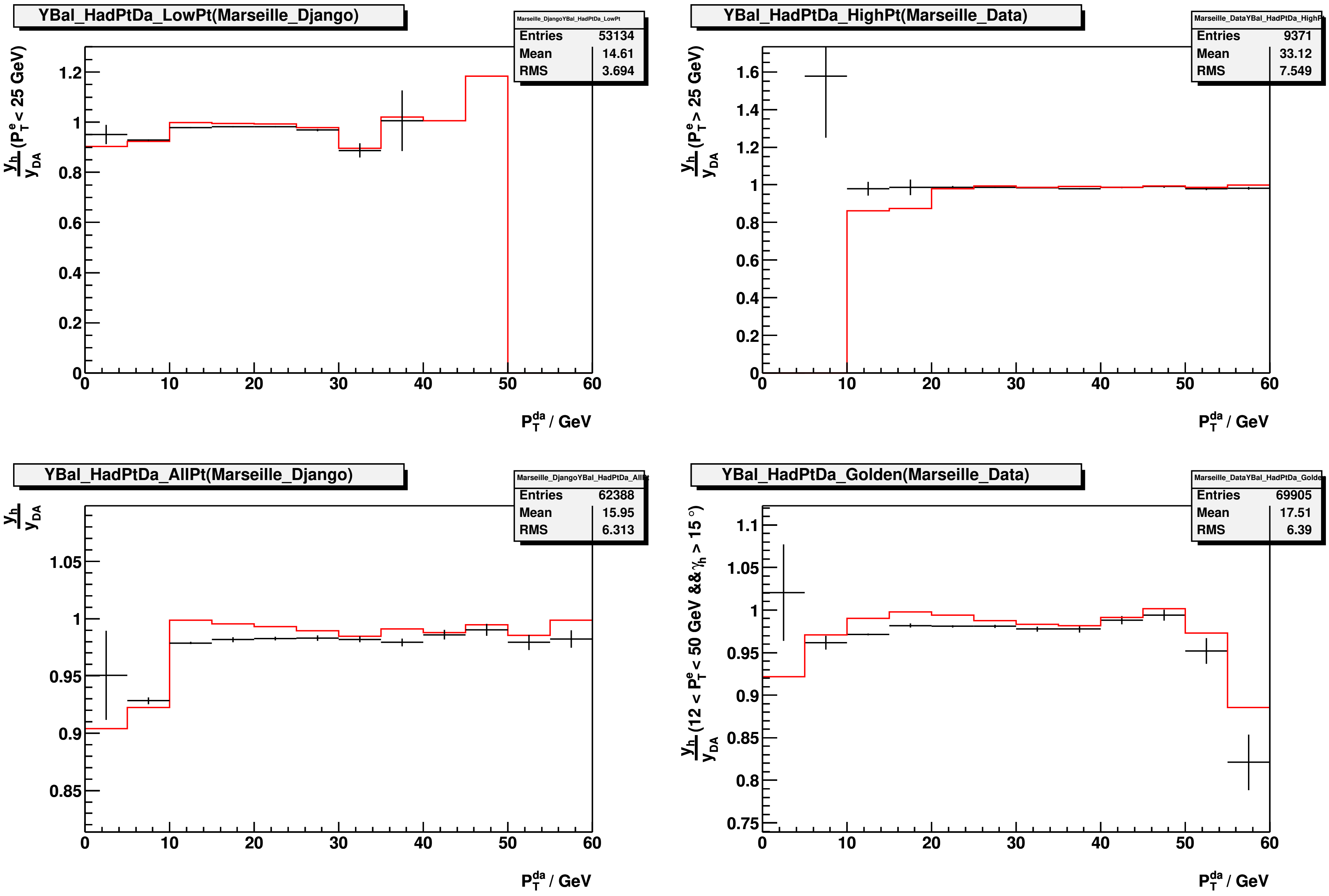

HadPtHadPtDa_Gamh_HighPt(Marseille_Data)
Marseille_DataHadPtHadPtDa_Gamh_HighPt
Entries 9371
Mean 56.18
RMS 20.72
$\frac{P_T^h}{P_T^{da}} (P_T^e > 25\ GeV)$
γ_h / °

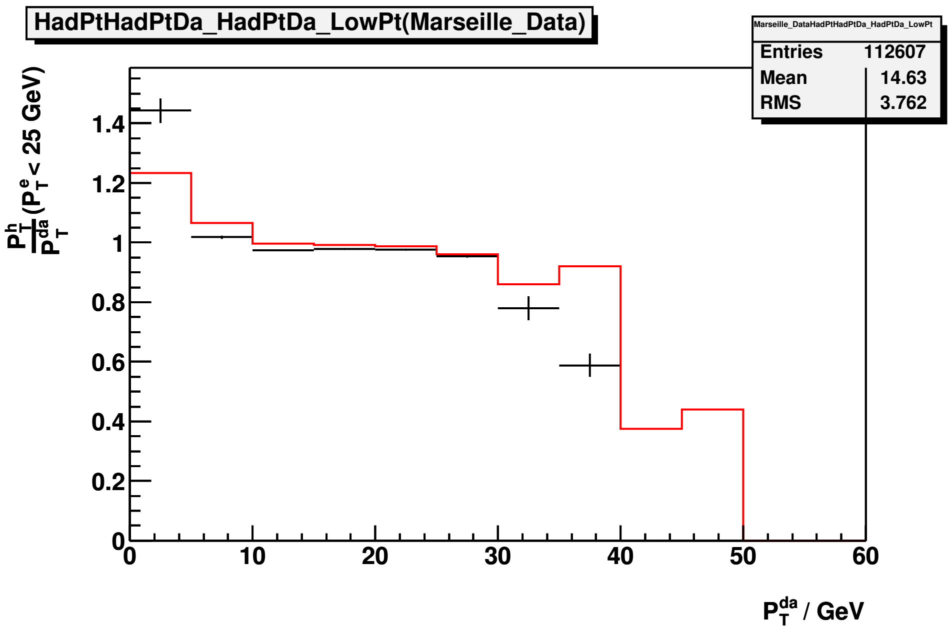

HadPtHadPtDa_Gamh_AllPt(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Gamh_AllPt
Entries 62388
Mean 57.16
RMS 37.21
$\frac{P_T^h}{P_T^{da}}$
γ_h / °


HadPtHadPtDa_Gamh_Golden(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Gamh_Golden
Entries 41467
Mean 59.09
RMS 33.24
$\frac{P_T^h}{P_T^{da}} (12 < P_T^e < 50\ GeV\ \&\&\ \gamma_h > 15\ °)$
γ_h / °

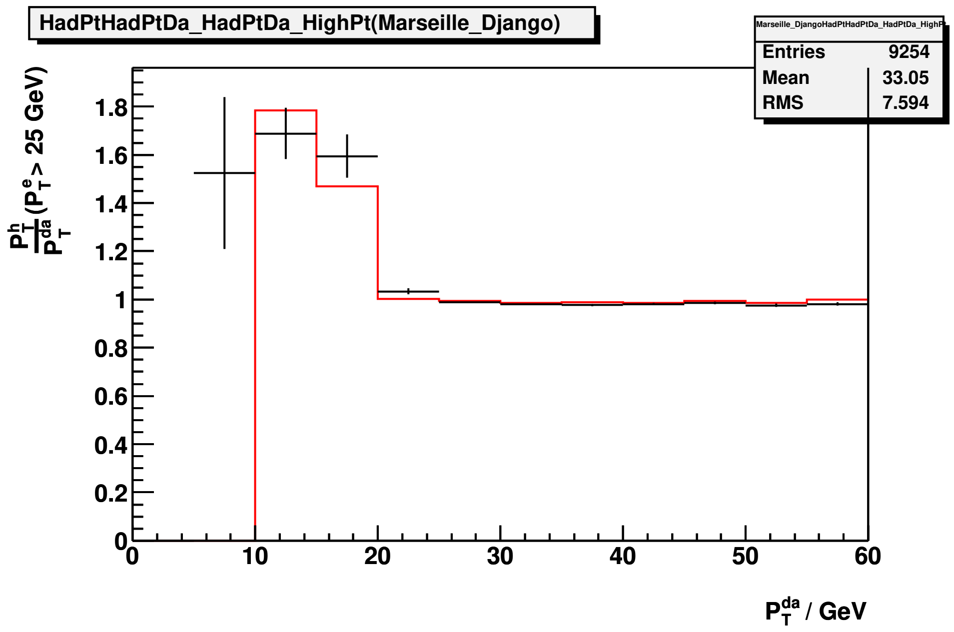

ElecPtHadPtDa_Pte_LowPt(Marseille_Data)
Entries 112607
Mean 60.61
RMS 38.12
γh / °
ElecPtHadPtDa_Pte_HighPt(Marseille_Data)
Entries 9371
Mean 56.18
RMS 20.72
γh / °
ElecPtHadPtDa_Pte_AllPt(Marseille_Data)
Entries 121978
Mean 58.97
RMS 37.7
γh / °
ElecPtHadPtDa_Pte_Golden(Marseille_Data)
Entries 69905
Mean 59.71
RMS 33.31
γh / °


PtBal_HadPtDa_LowPt(Marseille_Django)
Marseille_DjangoPtBal_HadPtDa_LowPt
Entries 53134
Mean 14.61
RMS 3.694
$\frac{P_T^h}{P_T^e}(P_T^e < 25$ GeV)
P_T^{da} / GeV
PtBal_HadPtDa_HighPt(Marseille_Django)
Marseille_DjangoPtBal_HadPtDa_HighPt
Entries 9254
Mean 33.05
RMS 7.594
$\frac{P_T^h}{P_T^e}(P_T^e > 25$ GeV)
P_T^{da} / GeV
PtBal_HadPtDa_AllPt(Marseille_Django)
Marseille_DjangoPtBal_HadPtDa_AllPt
Entries 62388
Mean 15.95
RMS 6.313
$\frac{P_T^h}{P_T^e}$
P_T^{da} / GeV
PtBal_HadPtDa_Golden(Marseille_Django)
Marseille_DjangoPtBal_HadPtDa_Golden
Entries 41467
Mean 17.57
RMS 6.403
$\frac{P_T^h}{P_T^e}(12 < P_T^e < 50$ GeV && $\gamma_h > 15°)$
P_T^{da} / GeV

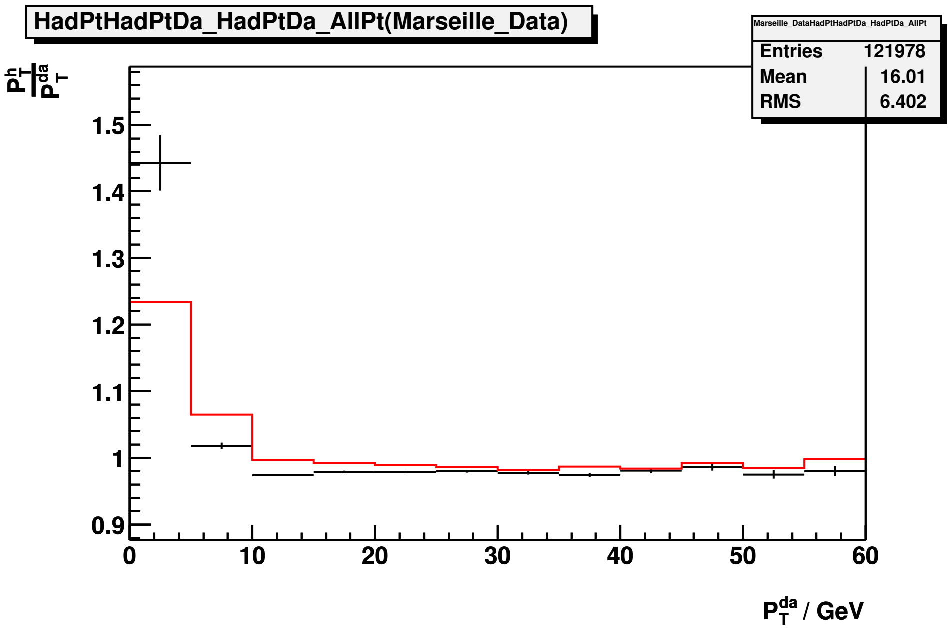

YBal_HadPtDa_LowPt(Marseille_Django)
Marseille_DjangoYBal_HadPtDa_LowPt
Entries 53134
Mean 14.61
RMS 3.694
$\frac{y_h}{y_{DA}}$ (P_T^e < 25 GeV)
P_T^{da} / GeV
YBal_HadPtDa_HighPt(Marseille_Data)
Entries 9371
Mean 33.12
RMS 7.549
$\frac{y_h}{y_{DA}}$ (P_T^e > 25 GeV)
P_T^{da} / GeV
YBal_HadPtDa_AllPt(Marseille_Django)
Entries 62388
Mean 15.95
RMS 6.313
$\frac{y_h}{y_{DA}}$
P_T^{da} / GeV
YBal_HadPtDa_Golden(Marseille_Data)
Entries 69905
Mean 17.51
RMS 6.39
$\frac{y_h}{y_{DA}}$(12 < P_T^e < 50 GeV && γ_h > 15 °)
P_T^{da} / GeV



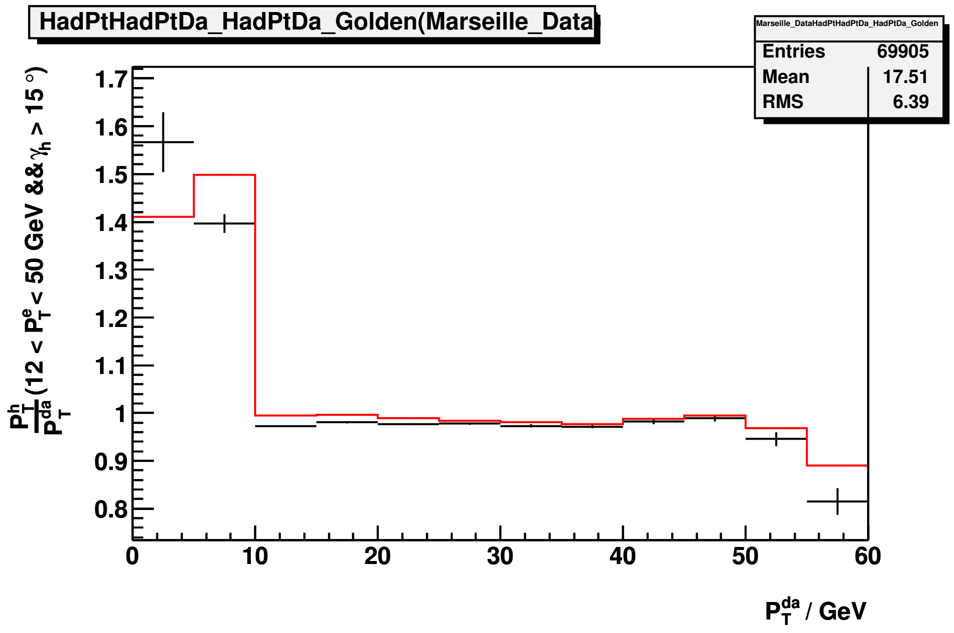
HadPtHadPtDa_HadPtDa_LowPt(Marseille_Data)
Marseille_DataHadPtHadPtDa_HadPtDa_LowPt
Entries 112607
Mean 14.63
RMS 3.762
$\frac{P_T^h}{P_T^{da}}(P_T^e < 25\ \mathrm{GeV})$
P_T^{da} / GeV



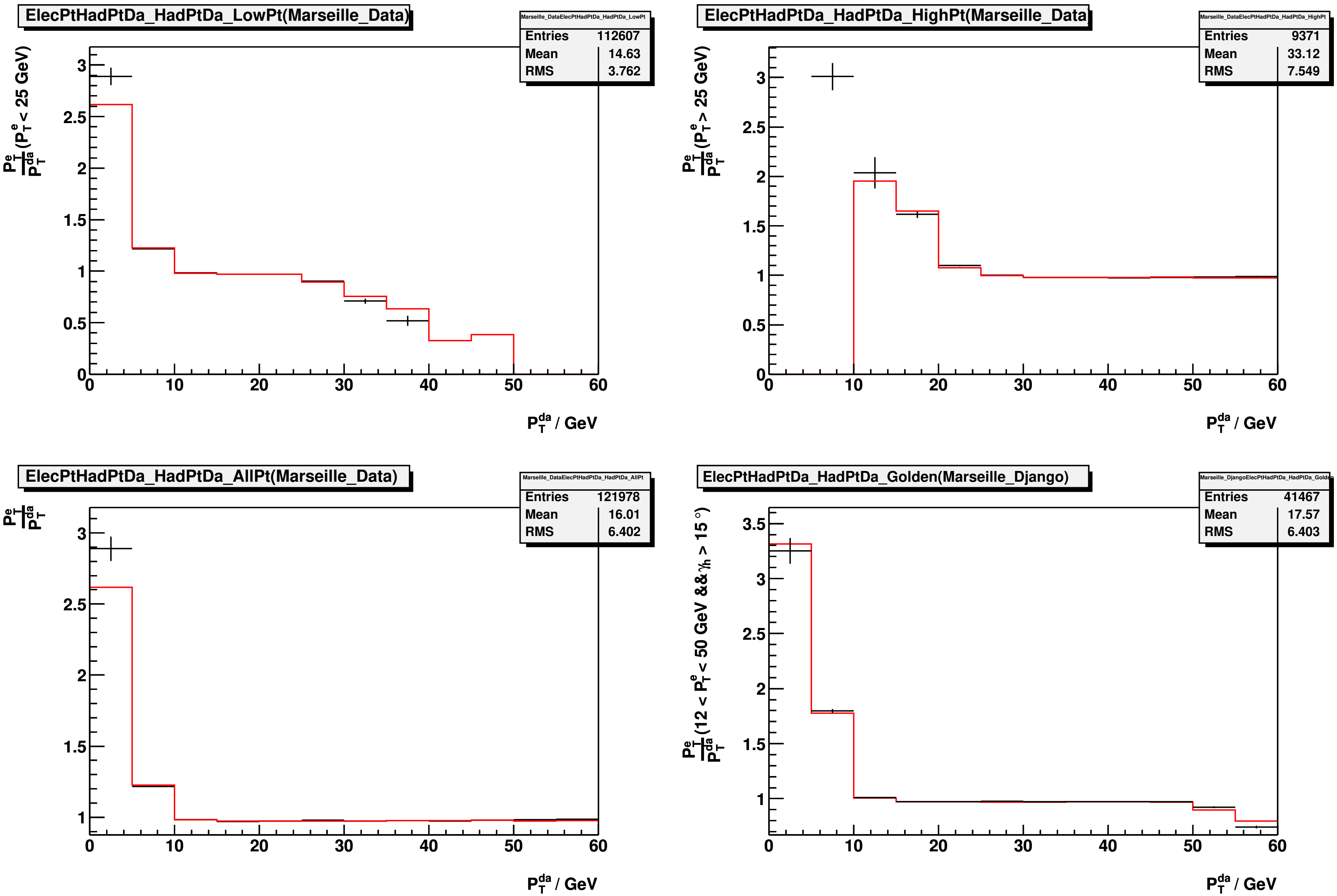
HadPtHadPtDa_HadPtDa_HighPt(Marseille_Django)
Entries 9254
Mean 33.05
RMS 7.594
$\frac{P_T^h}{P_T^{da}}(P_T^e > 25\ \mathrm{GeV})$
P_T^{da} / GeV

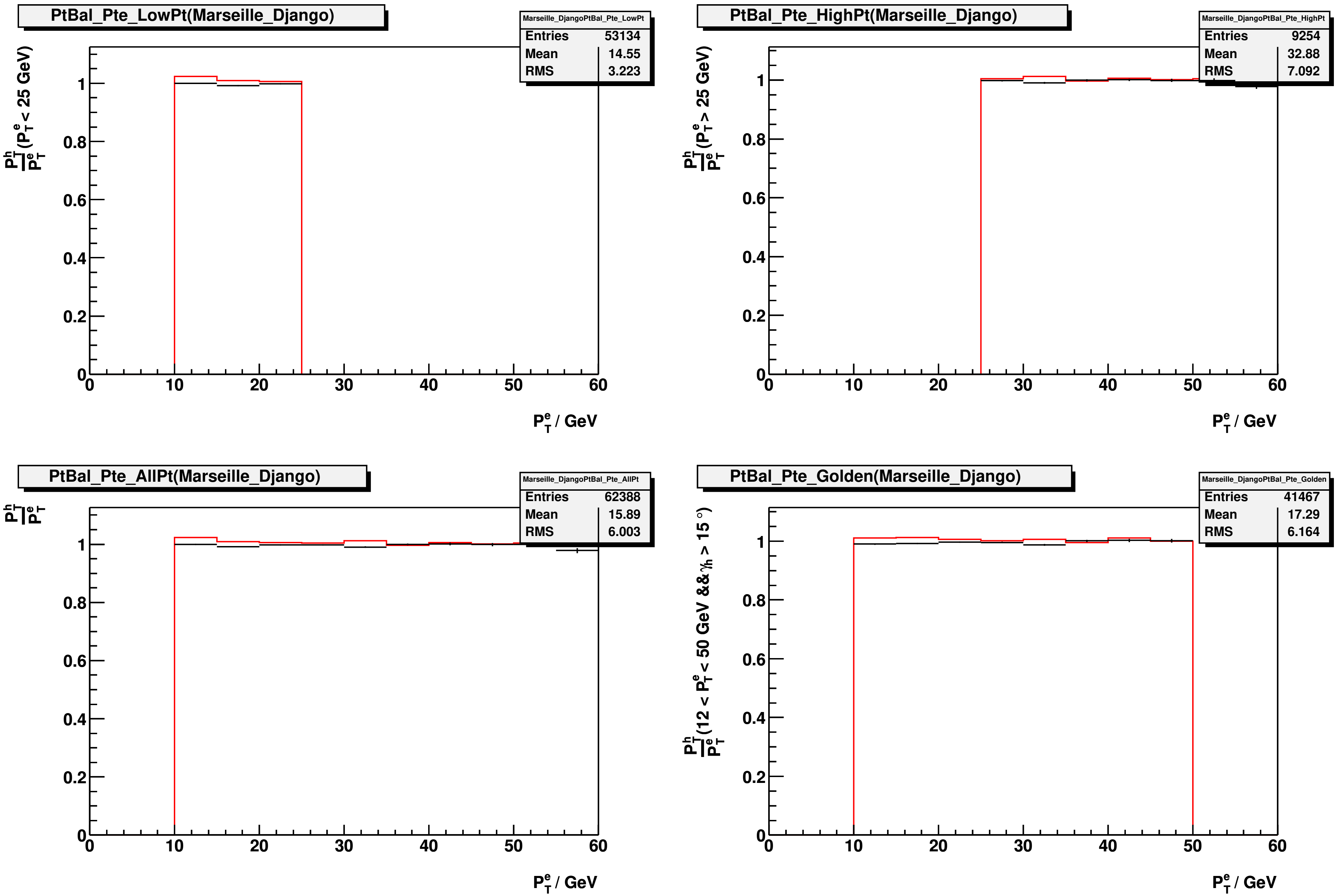


HadPtHadPtDa_HadPtDa_AllPt(Marseille_Data)
Marseille_DataHadPtHadPtDa_HadPtDa_AllPt
Entries 121978
Mean 16.01
RMS 6.402
$\frac{P_T^h}{P_T^{da}}$
P_T^{da} / GeV

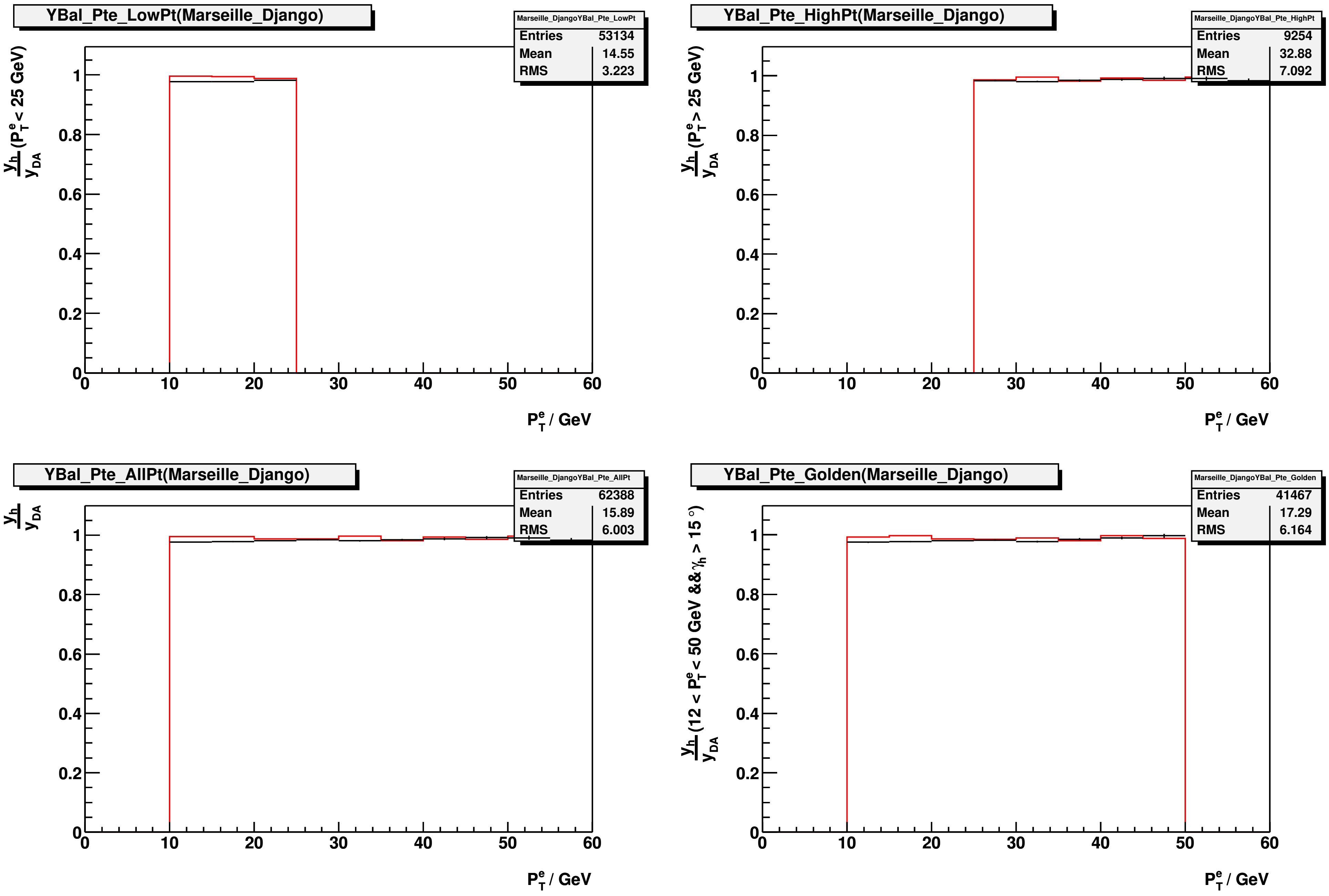


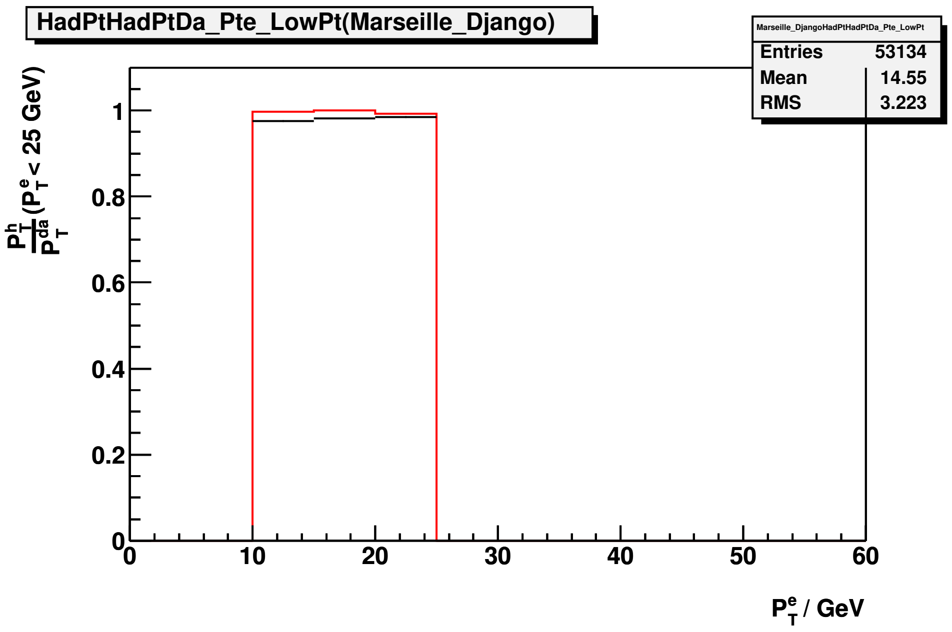
HadPtHadPtDa_HadPtDa_Golden(Marseille_Data
Marseille_DataHadPtHadPtDa_HadPtDa_Golden
Entries 69905
Mean 17.51
RMS 6.39
$\frac{P_T^h}{P_T^{da}}(12 < P_T^e < 50\ \mathrm{GeV}\ \&\&\ \gamma_h > 15\ ^\circ)$
P_T^{da} / GeV

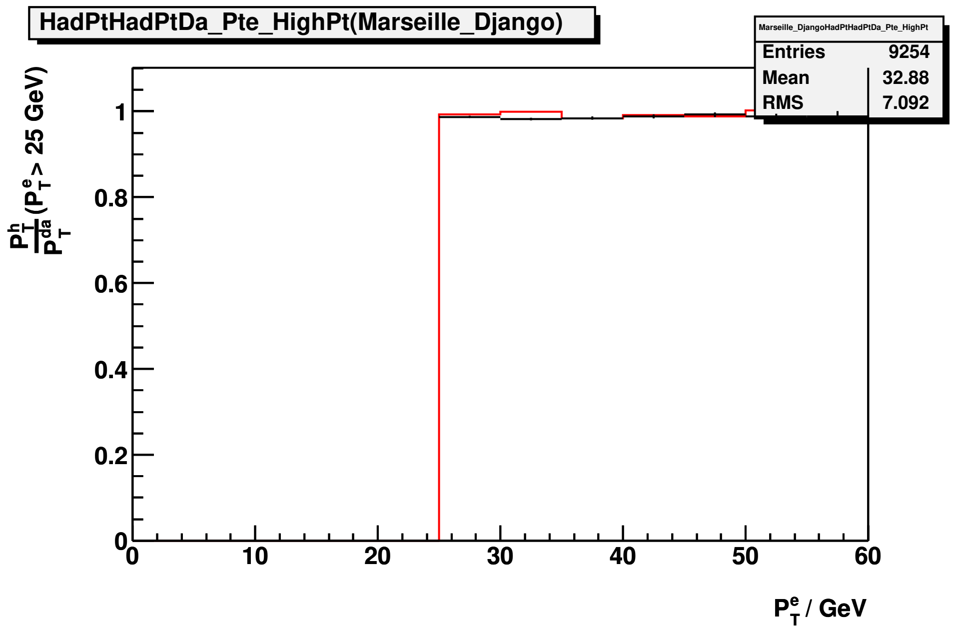

ElecPtHadPtDa_HadPtDa_LowPt(Marseille_Data)
Marseille_DataElecPtHadPtDa_HadPtDa_LowPt
Entries 112607
Mean 14.63
RMS 3.762
P_T^e/P_T^da (P_T^e < 25 GeV)
P_T^da / GeV
ElecPtHadPtDa_HadPtDa_HighPt(Marseille_Data
Marseille_DataElecPtHadPtDa_HadPtDa_HighPt
Entries 9371
Mean 33.12
RMS 7.549
P_T^e/P_T^da (P_T^e > 25 GeV)
P_T^da / GeV
ElecPtHadPtDa_HadPtDa_AllPt(Marseille_Data)
Marseille_DataElecPtHadPtDa_HadPtDa_AllPt
Entries 121978
Mean 16.01
RMS 6.402
P_T^e/P_T^da
P_T^da / GeV
ElecPtHadPtDa_HadPtDa_Golden(Marseille_Django)
Entries 41467
Mean 17.57
RMS 6.403
P_T^e/P_T^da (12 < P_T^e < 50 GeV && γ_h > 15 °)
P_T^da / GeV

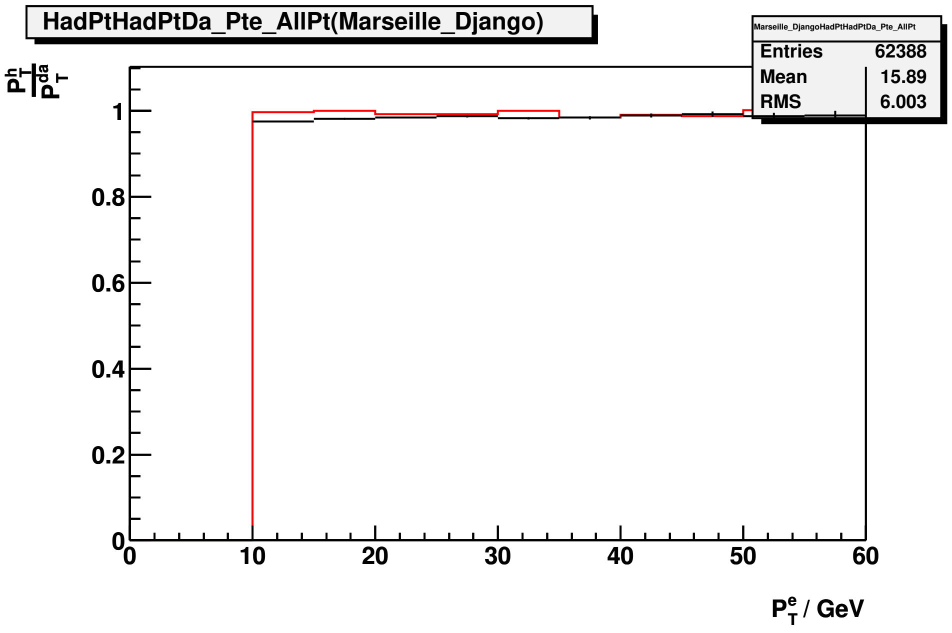


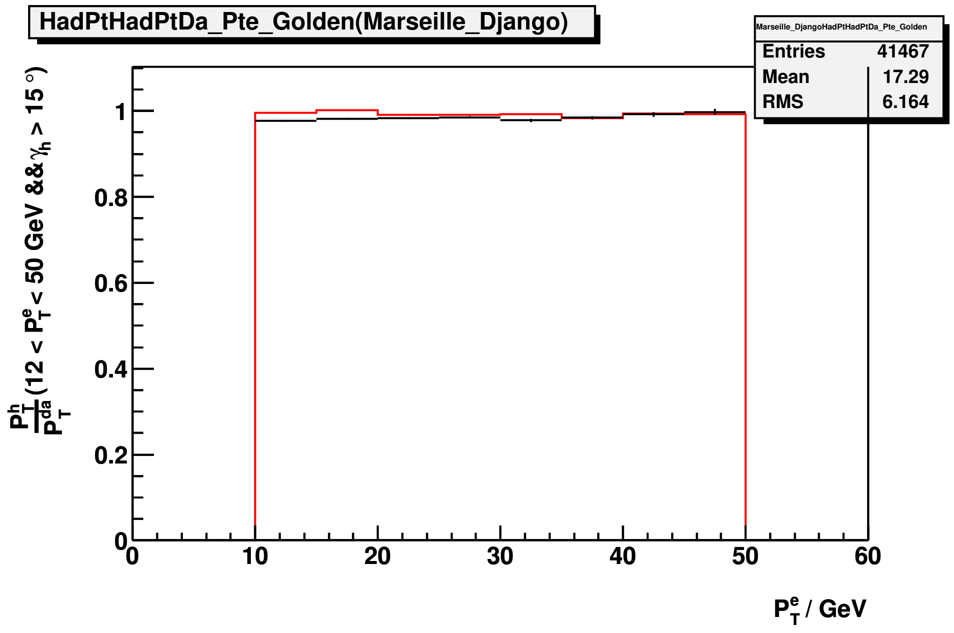
PtBal_Pte_LowPt(Marseille_Django)
Marseille_DjangoPtBal_Pte_LowPt
Entries 53134
Mean 14.55
RMS 3.223
$\frac{P_T^h}{P_T^e}(P_T^e < 25$ GeV)
P_T^e / GeV
PtBal_Pte_HighPt(Marseille_Django)
Marseille_DjangoPtBal_Pte_HighPt
Entries 9254
Mean 32.88
RMS 7.092
$\frac{P_T^h}{P_T^e}(P_T^e > 25$ GeV)
P_T^e / GeV
PtBal_Pte_AllPt(Marseille_Django)
Marseille_DjangoPtBal_Pte_AllPt
Entries 62388
Mean 15.89
RMS 6.003
$\frac{P_T^h}{P_T^e}$
P_T^e / GeV
PtBal_Pte_Golden(Marseille_Django)
Marseille_DjangoPtBal_Pte_Golden
Entries 41467
Mean 17.29
RMS 6.164
$\frac{P_T^h}{P_T^e}(12 < P_T^e < 50$ GeV && $\gamma_h > 15$ °)
P_T^e / GeV

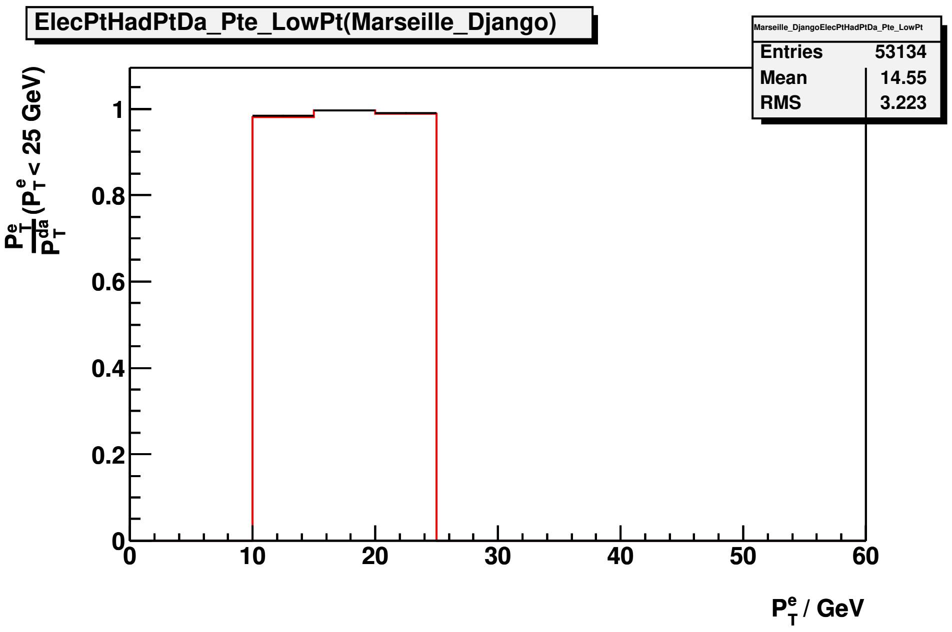

YBal_Pte_LowPt(Marseille_Django)
Marseille_DjangoYBal_Pte_LowPt
Entries 53134
Mean 14.55
RMS 3.223
$\frac{y_h}{y_{DA}} (P_T^e < 25$ GeV)
P_T^e / GeV
YBal_Pte_HighPt(Marseille_Django)
Marseille_DjangoYBal_Pte_HighPt
Entries 9254
Mean 32.88
RMS 7.092
$\frac{y_h}{y_{DA}} (P_T^e > 25$ GeV)
P_T^e / GeV
YBal_Pte_AllPt(Marseille_Django)
Marseille_DjangoYBal_Pte_AllPt
Entries 62388
Mean 15.89
RMS 6.003
$\frac{y_h}{y_{DA}}$
P_T^e / GeV
YBal_Pte_Golden(Marseille_Django)
Marseille_DjangoYBal_Pte_Golden
Entries 41467
Mean 17.29
RMS 6.164
$\frac{y_h}{y_{DA}} (12 < P_T^e < 50$ GeV && $\gamma_h > 15$ °)
P_T^e / GeV

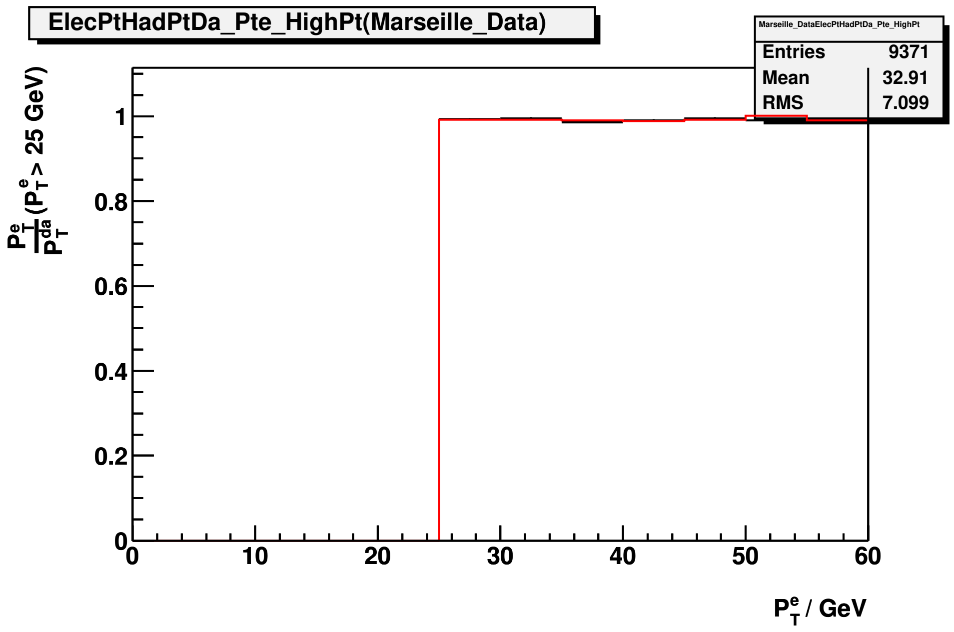

HadPtHadPtDa_Pte_LowPt(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Pte_LowPt
Entries 53134
Mean 14.55
RMS 3.223
$\frac{P_T^h}{P_T^{da}}(P_T^e < 25$ GeV)
P_T^e / GeV
0 10 20 30 40 50 60
0 0.2 0.4 0.6 0.8 1

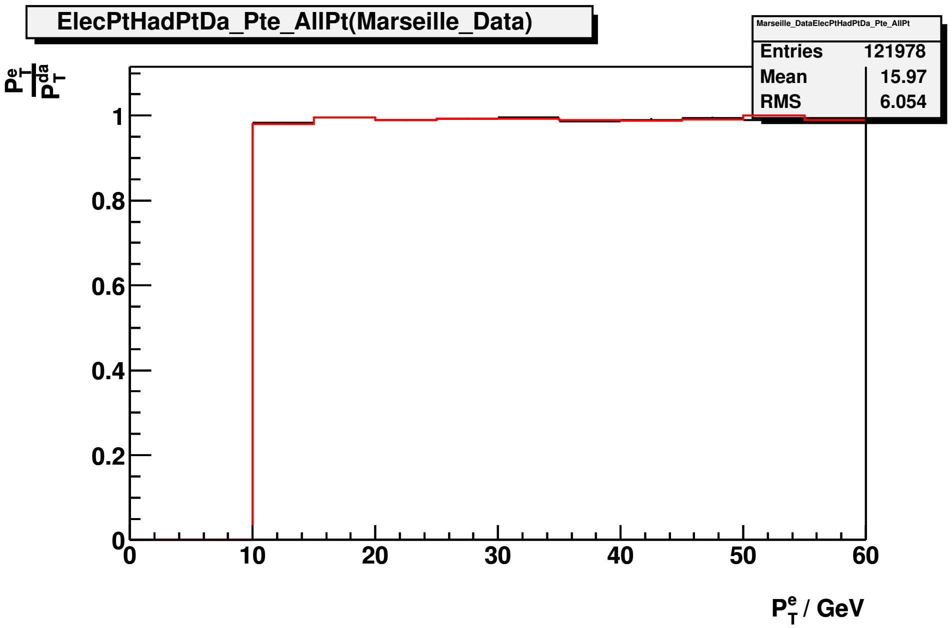

HadPtHadPtDa_Pte_HighPt(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Pte_HighPt
Entries 9254
Mean 32.88
RMS 7.092
$\frac{P_T^h}{P_T^{da}}(P_T^e > 25$ GeV)
P_T^e / GeV
0 10 20 30 40 50 60
0 0.2 0.4 0.6 0.8 1

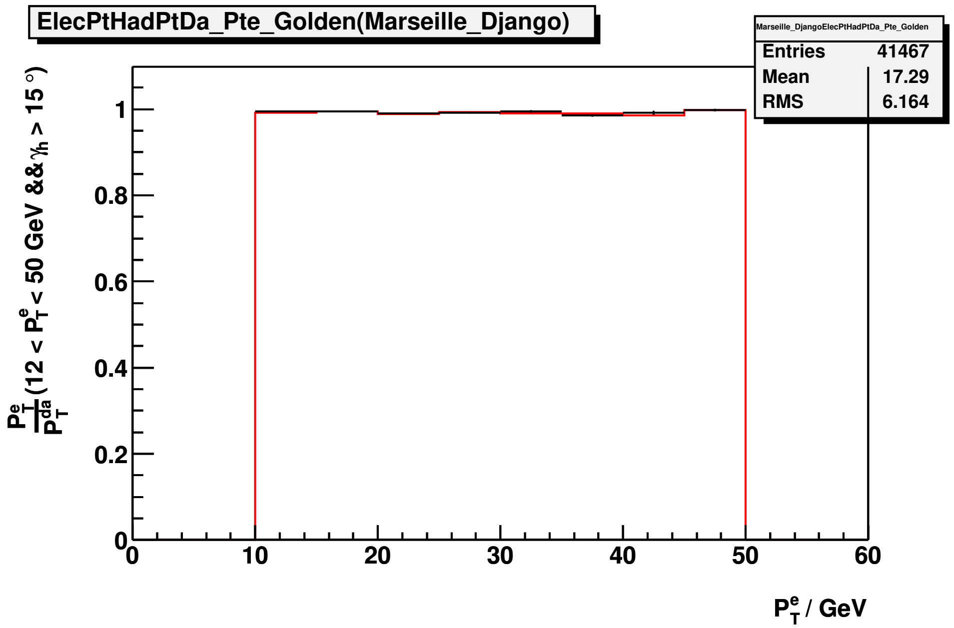

HadPtHadPtDa_Pte_AllPt(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Pte_AllPt
Entries 62388
Mean 15.89
RMS 6.003
$\frac{P_T^h}{P_T^{da}}$
P_T^e / GeV
0 10 20 30 40 50 60
0 0.2 0.4 0.6 0.8 1

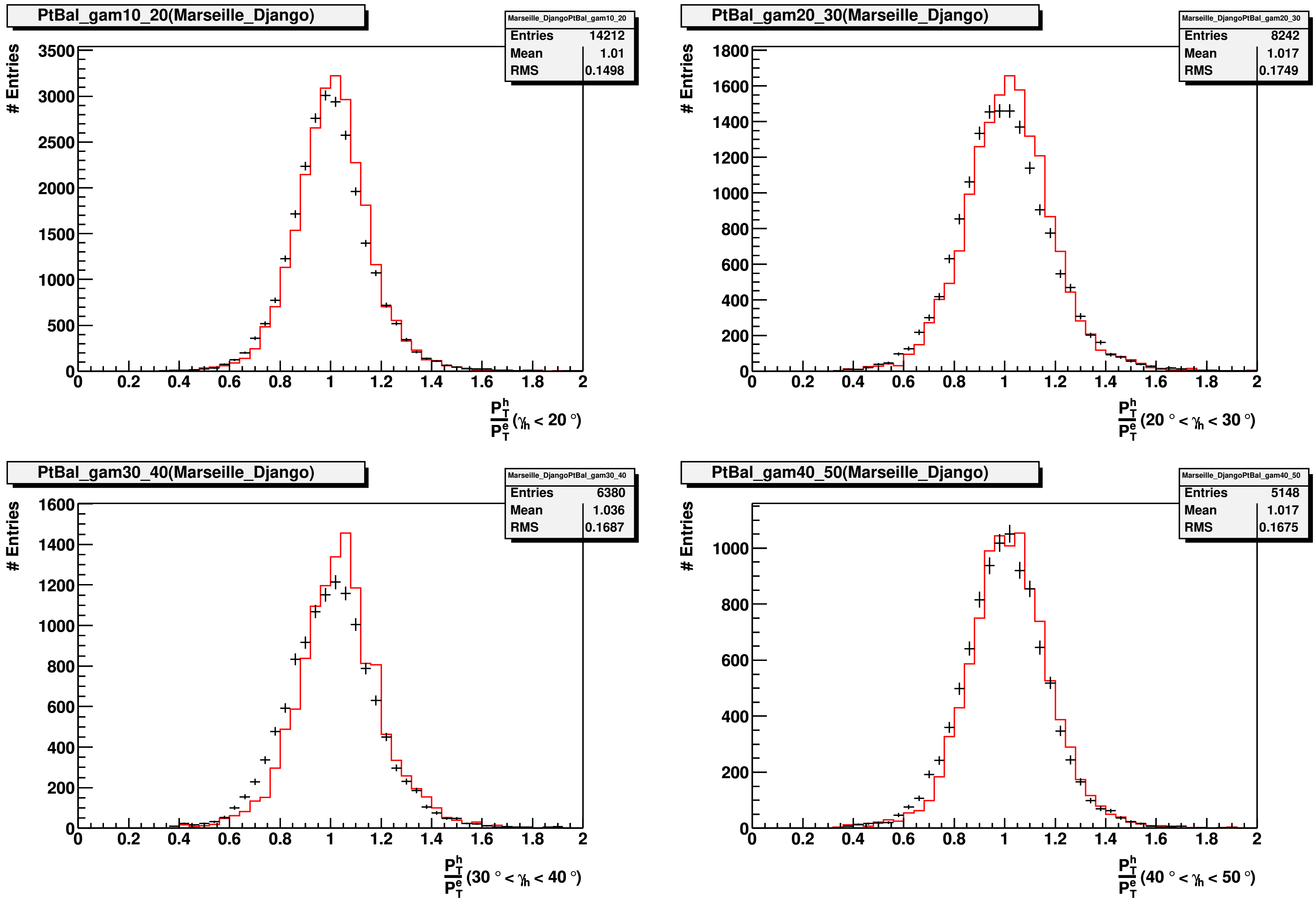

HadPtHadPtDa_Pte_Golden(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_Pte_Golden
Entries 41467
Mean 17.29
RMS 6.164
$\frac{P_T^h}{P_T^{da}}(12 < P_T^e < 50$ GeV && $\gamma_h > 15°)$
P_T^e / GeV
0 10 20 30 40 50 60
0 0.2 0.4 0.6 0.8 1


ElecPtHadPtDa_Pte_LowPt(Marseille_Django)
Marseille_DjangoElecPtHadPtDa_Pte_LowPt
Entries 53134
Mean 14.55
RMS 3.223
$\frac{P_T^e}{P_T^{da}}(P_T^e < 25$ GeV)
P_T^e / GeV

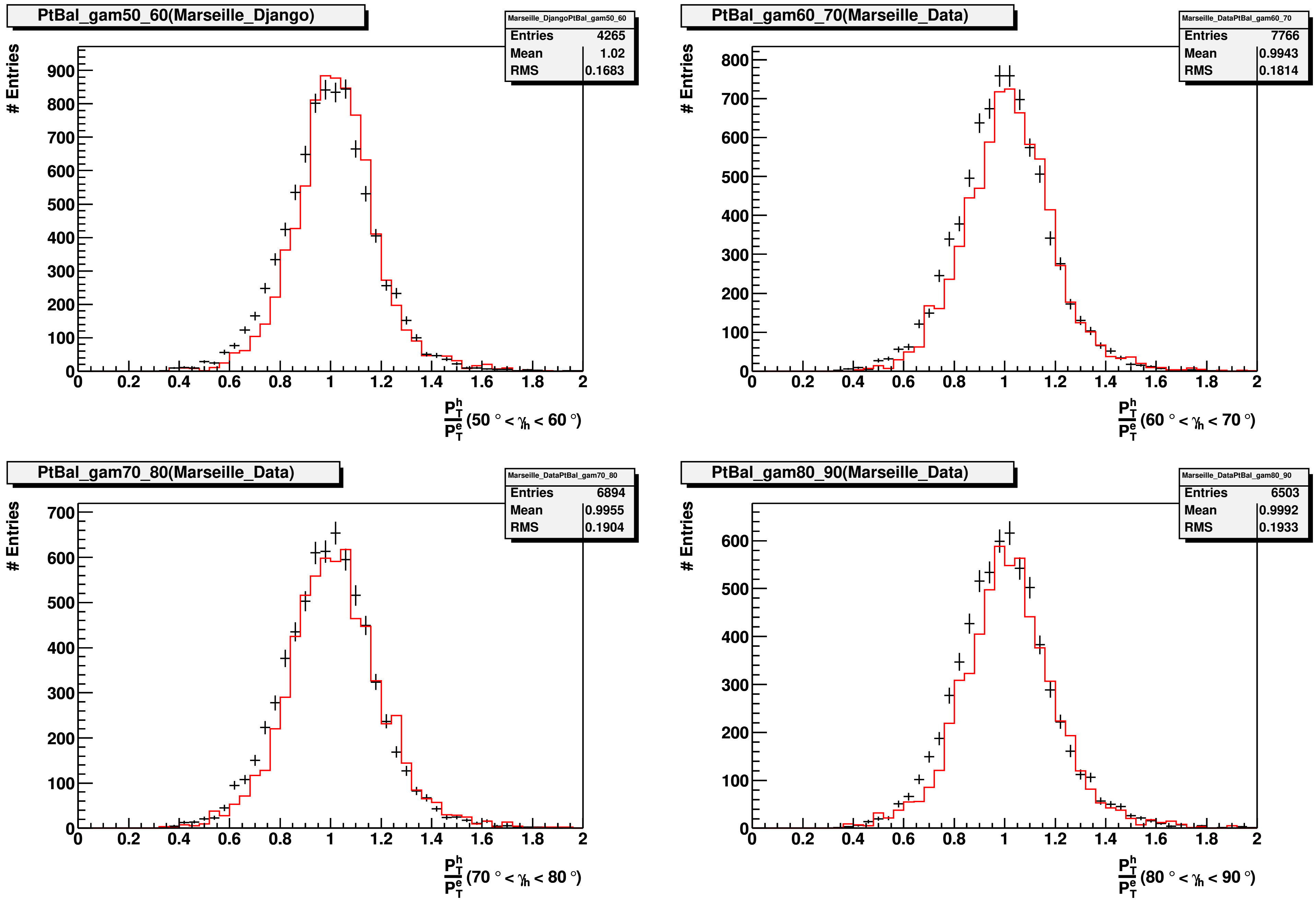

ElecPtHadPtDa_Pte_HighPt(Marseille_Data)
Marseille_DataElecPtHadPtDa_Pte_HighPt
Entries 9371
Mean 32.91
RMS 7.099
$\frac{P_T^e}{P_T^{da}}(P_T^e > 25$ GeV)
P_T^e / GeV


ElecPtHadPtDa_Pte_AllPt(Marseille_Data)
Marseille_DataElecPtHadPtDa_Pte_AllPt
Entries 121978
Mean 15.97
RMS 6.054
$\frac{P_T^e}{P_T^{da}}$
P_T^e / GeV

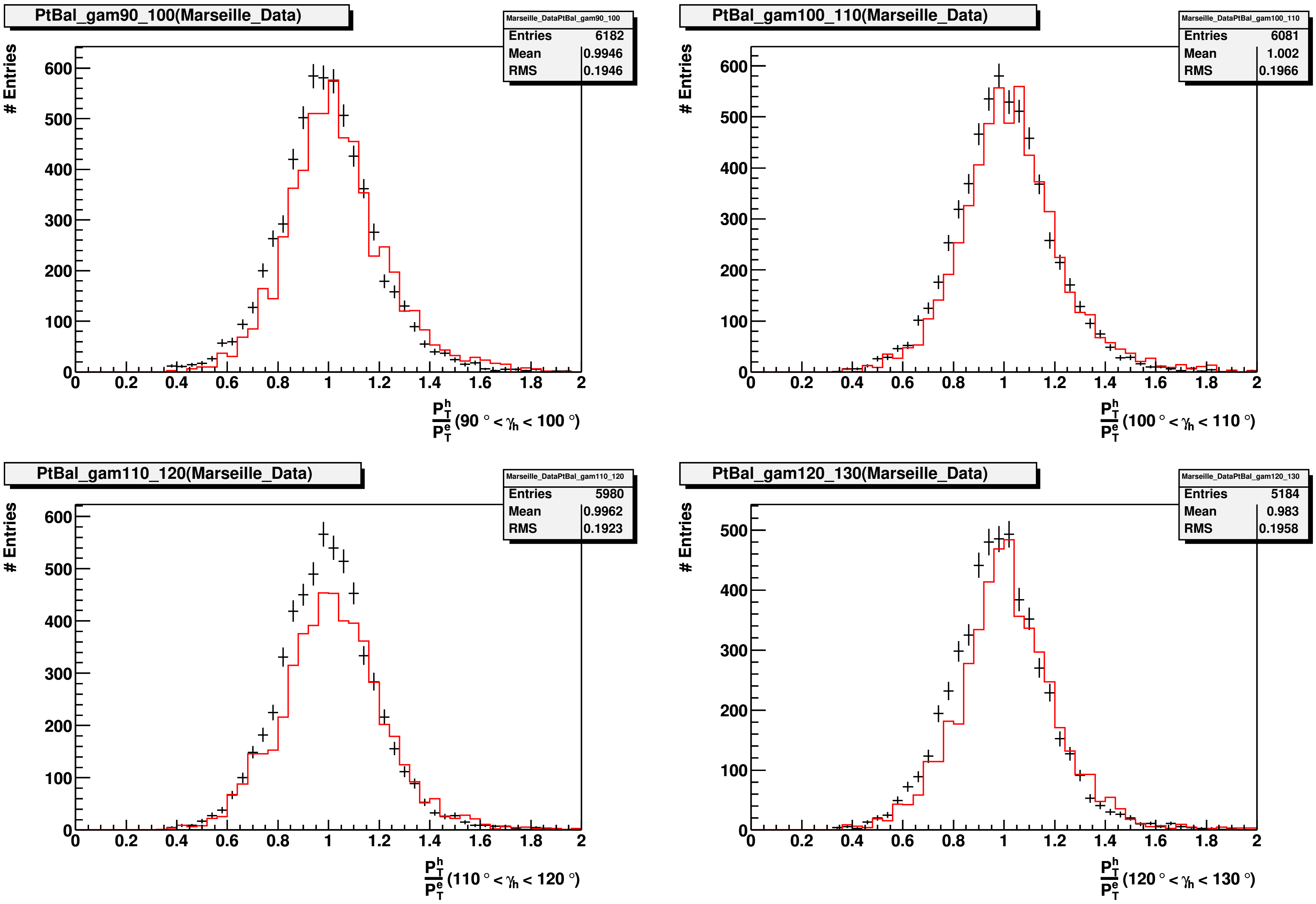

ElecPtHadPtDa_Pte_Golden(Marseille_Django)
Marseille_DjangoElecPtHadPtDa_Pte_Golden
Entries 41467
Mean 17.29
RMS 6.164
$\frac{P_T^e}{P_T^{da}}(12 < P_T^e < 50$ GeV && $\gamma_h > 15°)$
P_T^e / GeV

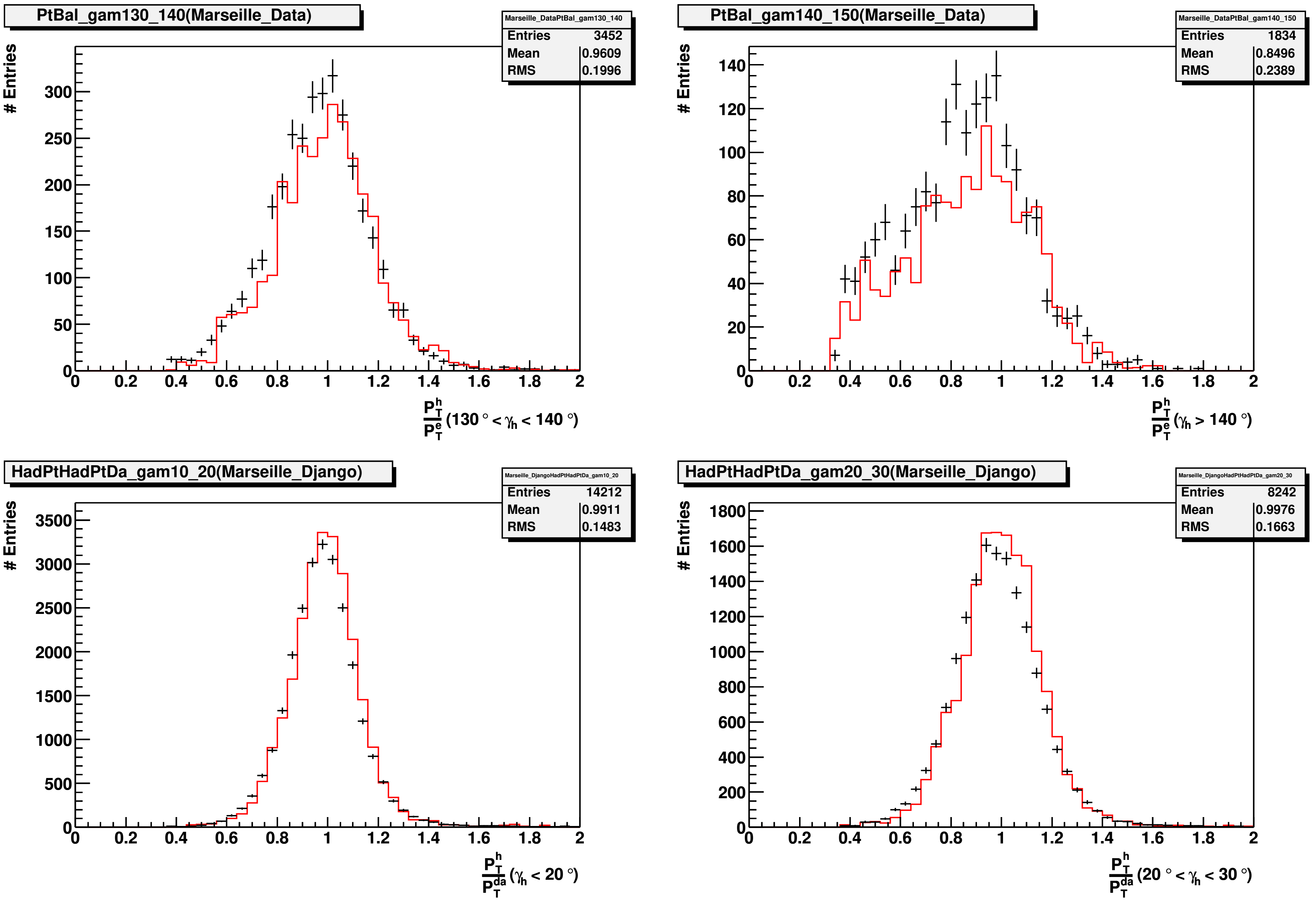


PtBal_gam10_20(Marseille_Django)
Marseille_DjangoPtBal_gam10_20
Entries 14212
Mean 1.01
RMS 0.1498
Entries
$\frac{P_T^h}{P_T^e}$ (γ_h < 20 °)
PtBal_gam20_30(Marseille_Django)
Marseille_DjangoPtBal_gam20_30
Entries 8242
Mean 1.017
RMS 0.1749
Entries
$\frac{P_T^h}{P_T^e}$ (20 ° < γ_h < 30 °)
PtBal_gam30_40(Marseille_Django)
Marseille_DjangoPtBal_gam30_40
Entries 6380
Mean 1.036
RMS 0.1687
Entries
$\frac{P_T^h}{P_T^e}$ (30 ° < γ_h < 40 °)
PtBal_gam40_50(Marseille_Django)
Marseille_DjangoPtBal_gam40_50
Entries 5148
Mean 1.017
RMS 0.1675
Entries
$\frac{P_T^h}{P_T^e}$ (40 ° < γ_h < 50 °)

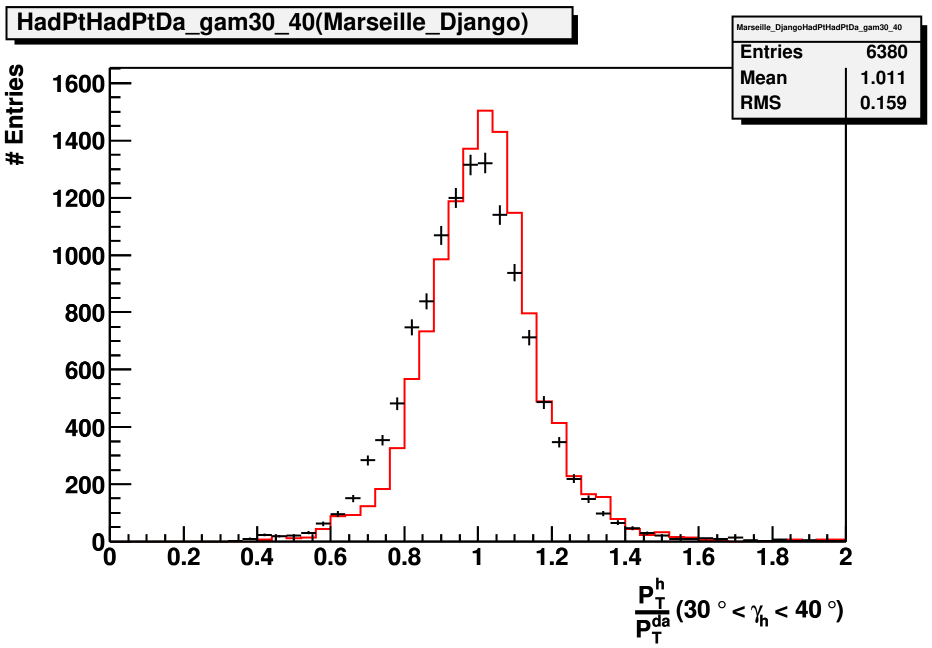


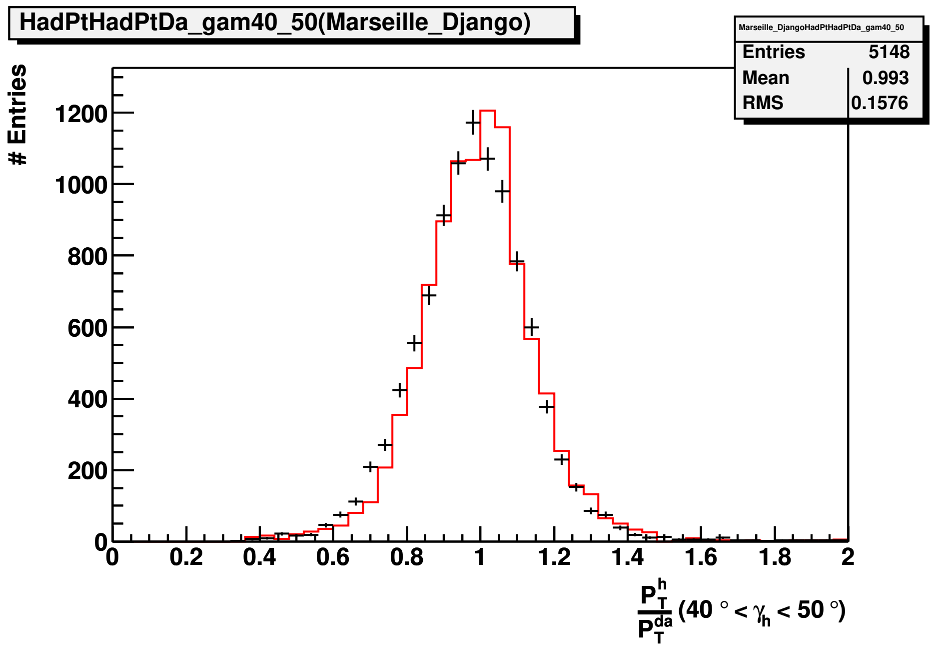
PtBal_gam50_60(Marseille_Django)
Marseille_DjangoPtBal_gam50_60
Entries 4265
Mean 1.02
RMS 0.1683
Entries
0 100 200 300 400 500 600 700 800 900
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
$\frac{P_T^h}{P_T^e}$ (50 ° < γ_h < 60 °)
PtBal_gam60_70(Marseille_Data)
Marseille_DataPtBal_gam60_70
Entries 7766
Mean 0.9943
RMS 0.1814
Entries
0 100 200 300 400 500 600 700 800
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
$\frac{P_T^h}{P_T^e}$ (60 ° < γ_h < 70 °)
PtBal_gam70_80(Marseille_Data)
Marseille_DataPtBal_gam70_80
Entries 6894
Mean 0.9955
RMS 0.1904
Entries
0 100 200 300 400 500 600 700
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
$\frac{P_T^h}{P_T^e}$ (70 ° < γ_h < 80 °)
PtBal_gam80_90(Marseille_Data)
Marseille_DataPtBal_gam80_90
Entries 6503
Mean 0.9992
RMS 0.1933
Entries
0 100 200 300 400 500 600
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2
$\frac{P_T^h}{P_T^e}$ (80 ° < γ_h < 90 °)

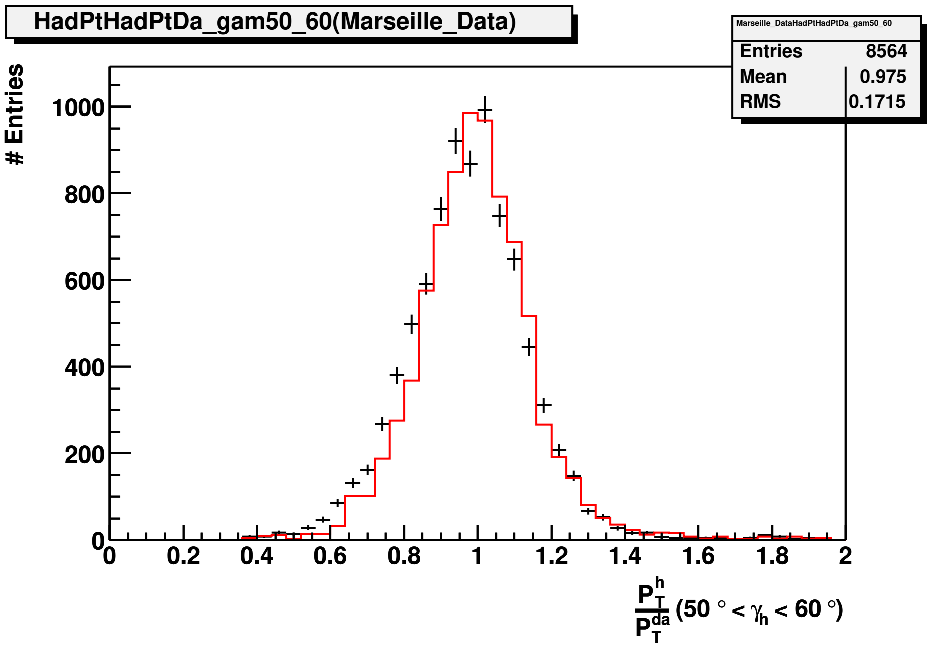

PtBal_gam90_100(Marseille_Data)
Marseille_DataPtBal_gam90_100
Entries 6182
Mean 0.9946
RMS 0.1946
Entries
$\frac{P_T^h}{P_T^e}$ (90 ° < γ_h < 100 °)
PtBal_gam100_110(Marseille_Data)
Marseille_DataPtBal_gam100_110
Entries 6081
Mean 1.002
RMS 0.1966
Entries
$\frac{P_T^h}{P_T^e}$ (100 ° < γ_h < 110 °)
PtBal_gam110_120(Marseille_Data)
Marseille_DataPtBal_gam110_120
Entries 5980
Mean 0.9962
RMS 0.1923
Entries
$\frac{P_T^h}{P_T^e}$ (110 ° < γ_h < 120 °)
PtBal_gam120_130(Marseille_Data)
Marseille_DataPtBal_gam120_130
Entries 5184
Mean 0.983
RMS 0.1958
Entries
$\frac{P_T^h}{P_T^e}$ (120 ° < γ_h < 130 °)

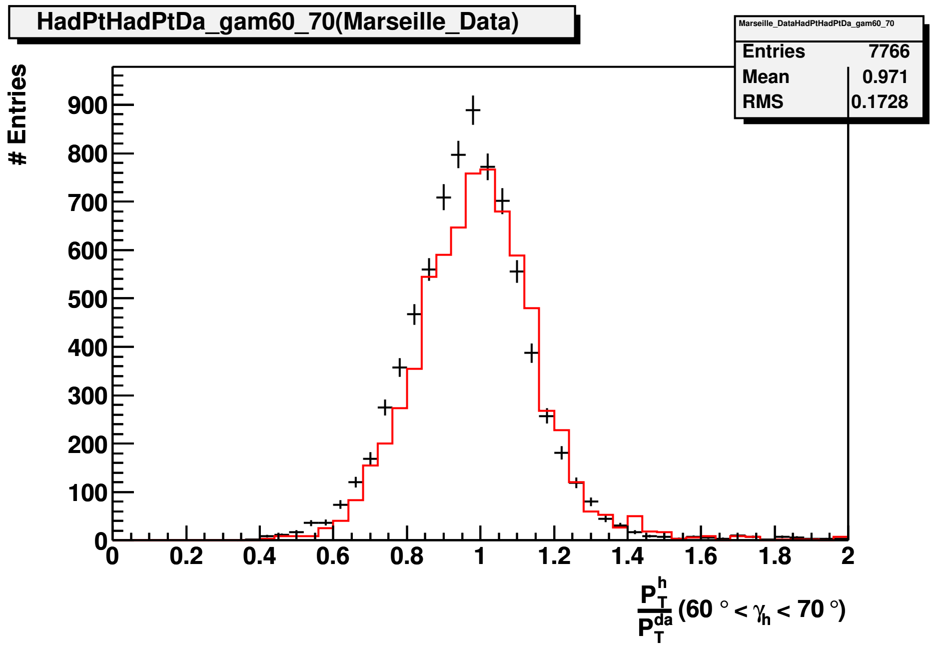


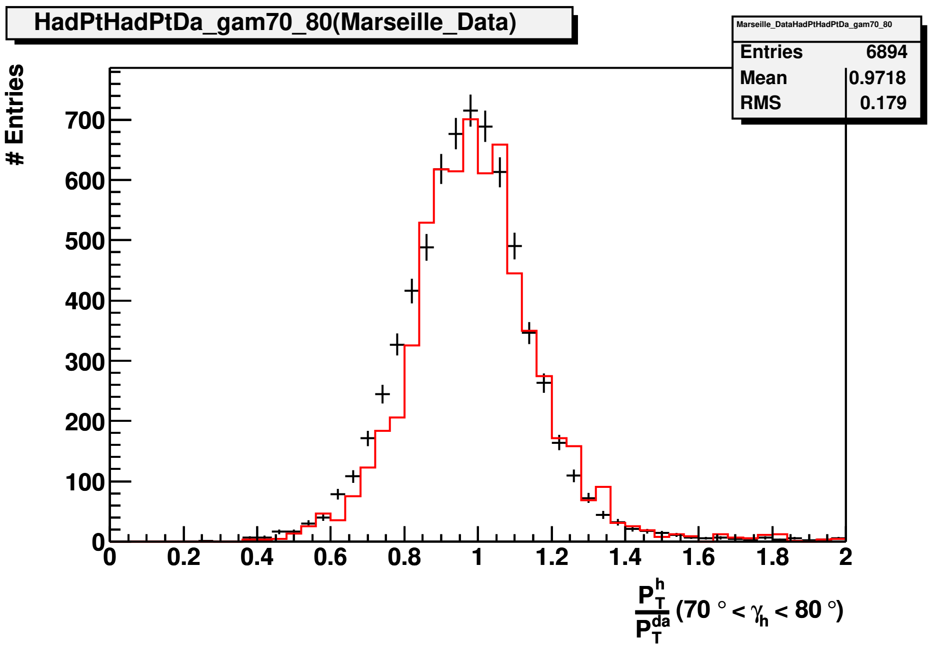
PtBal_gam130_140(Marseille_Data)
Marseille_DataPtBal_gam130_140
Entries 3452
Mean 0.9609
RMS 0.1996
Entries
$\frac{P_T^h}{P_T^e}$ (130 ° < γ_h < 140 °)
PtBal_gam140_150(Marseille_Data)
Marseille_DataPtBal_gam140_150
Entries 1834
Mean 0.8496
RMS 0.2389
Entries
$\frac{P_T^h}{P_T^e}$ (γ_h > 140 °)
HadPtHadPtDa_gam10_20(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_gam10_20
Entries 14212
Mean 0.9911
RMS 0.1483
Entries
$\frac{P_T^h}{P_T^{da}}$ (γ_h < 20 °)
HadPtHadPtDa_gam20_30(Marseille_Django)
Marseille_DjangoHadPtHadPtDa_gam20_30
Entries 8242
Mean 0.9976
RMS 0.1663
Entries
$\frac{P_T^h}{P_T^{da}}$ (20 ° < γ_h < 30 °)

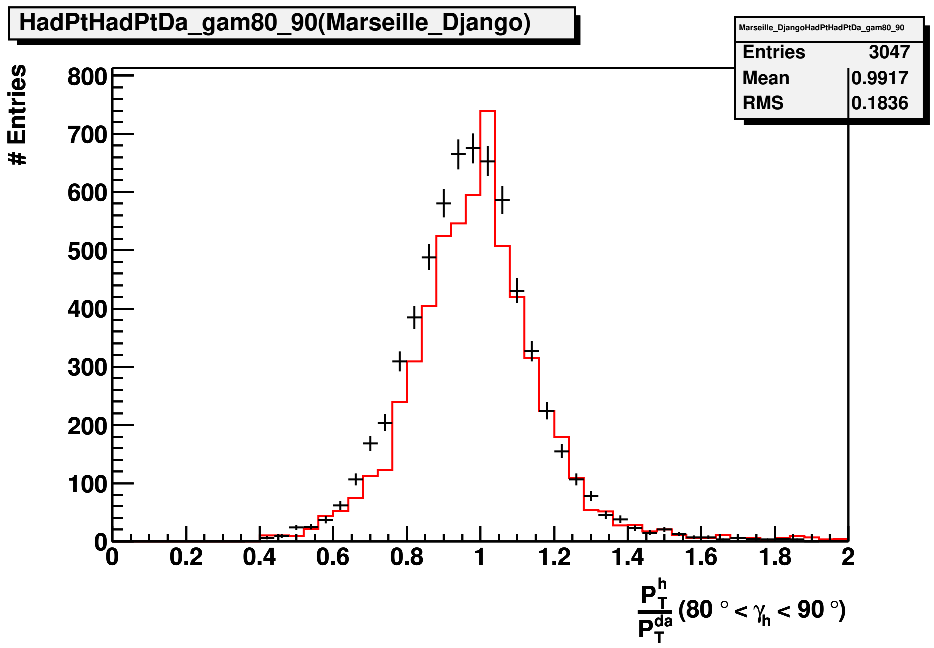

HadPtHadPtDa_gam30_40(Marseille_Django)
Entries 6380
Mean 1.011
RMS 0.159
Entries
$\frac{P_T^h}{P_T^{da}}$ (30 ° < γ_h < 40 °)

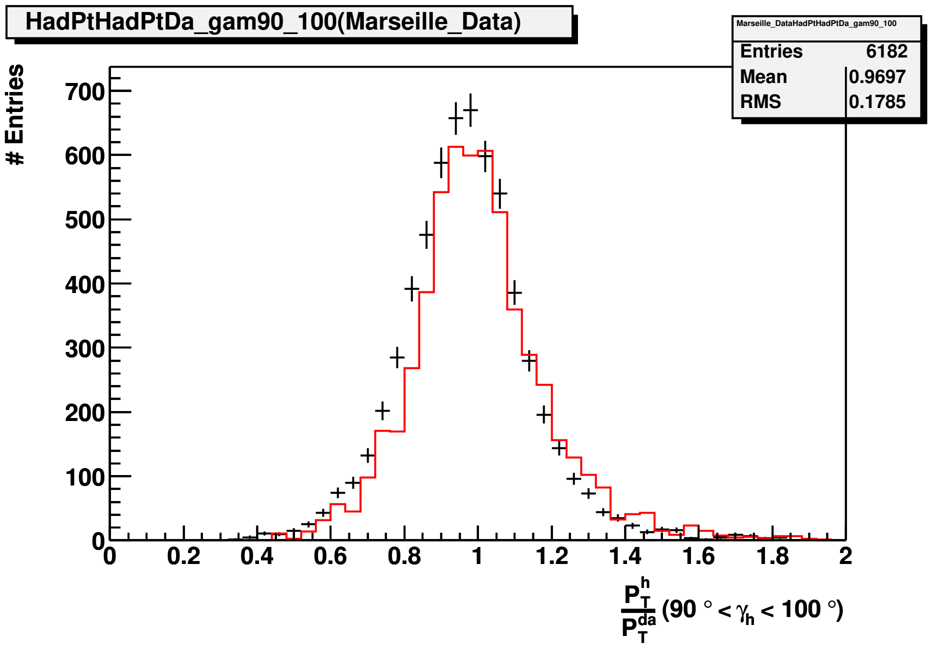

HadPtHadPtDa_gam40_50(Marseille_Django)
Entries 5148
Mean 0.993
RMS 0.1576
Entries
$\frac{P_T^h}{P_T^{da}}$ (40 ° < γ_h < 50 °)

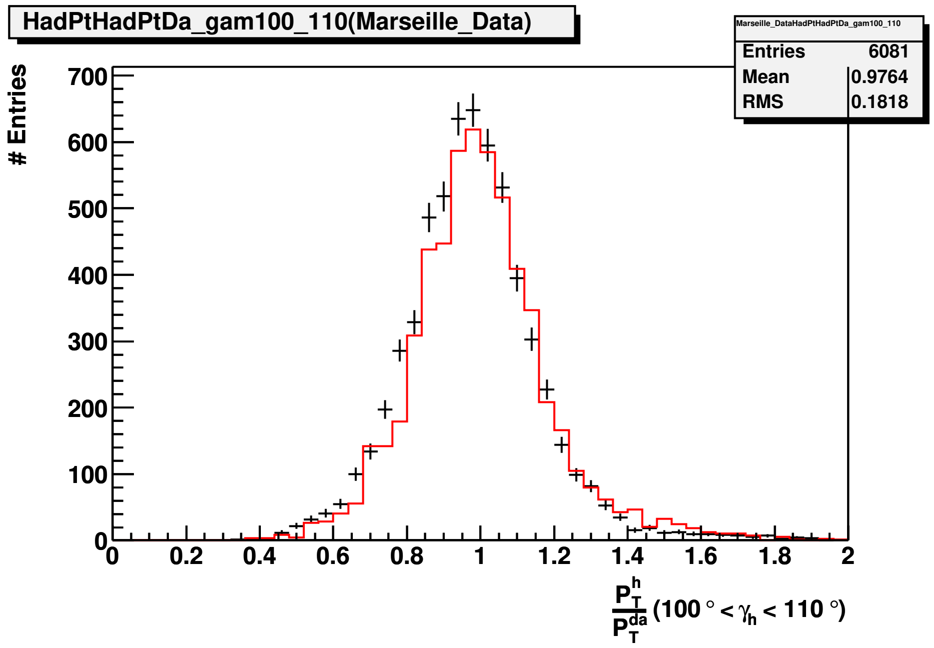

HadPtHadPtDa_gam50_60(Marseille_Data)
Entries 8564
Mean 0.975
RMS 0.1715
Entries
$\frac{P_T^h}{P_T^{da}}$ (50 ° < γ_h < 60 °)

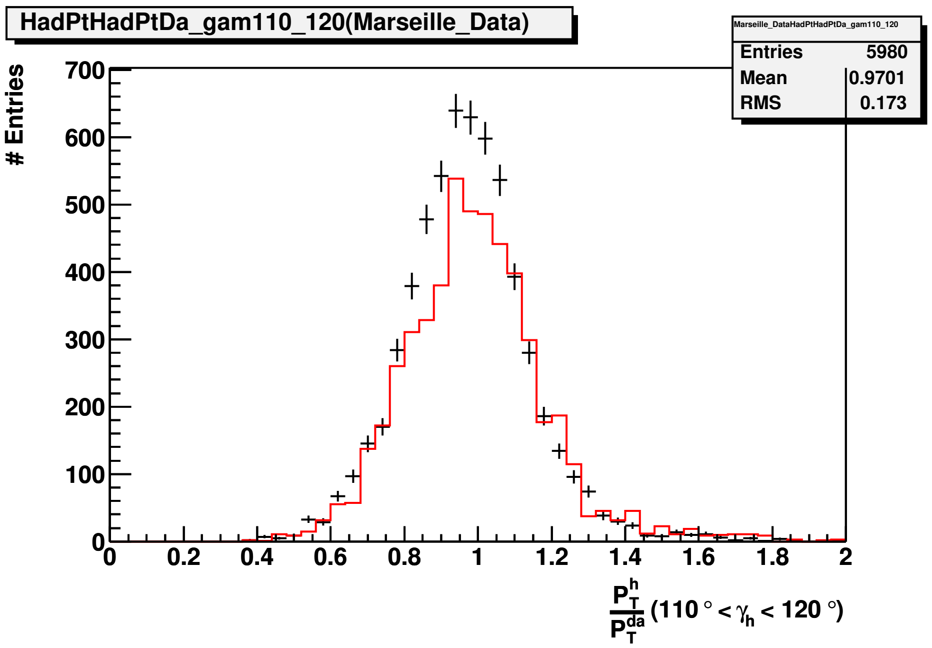

HadPtHadPtDa_gam60_70(Marseille_Data)
Entries 7766
Mean 0.971
RMS 0.1728
Entries
$\frac{P_T^h}{P_T^{da}}$ (60 ° < γ_h < 70 °)

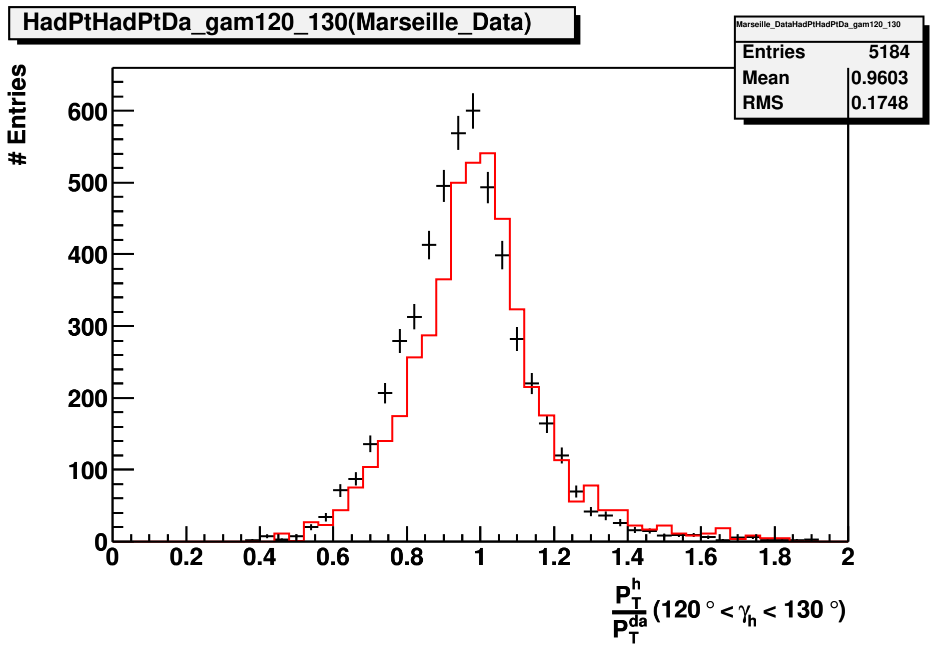

HadPtHadPtDa_gam70_80(Marseille_Data)
Entries 6894
Mean 0.9718
RMS 0.179
Entries
$\frac{P_T^h}{P_T^{da}}$ (70 ° < γ_h < 80 °)

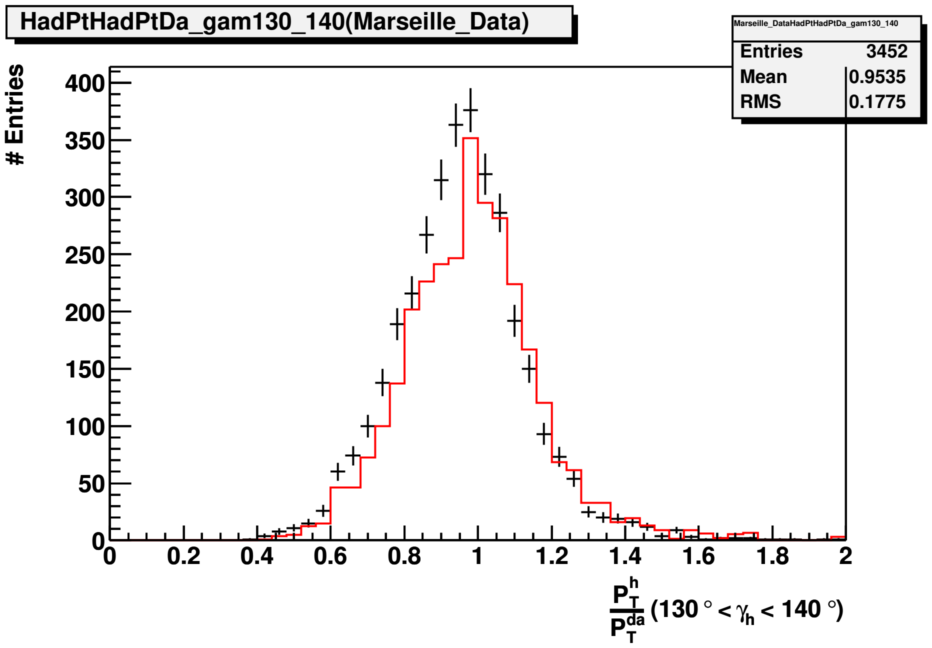

HadPtHadPtDa_gam80_90(Marseille_Django)
Entries 3047
Mean 0.9917
RMS 0.1836
Entries
$\frac{P_T^h}{P_T^{da}}$ (80 ° < γ_h < 90 °)

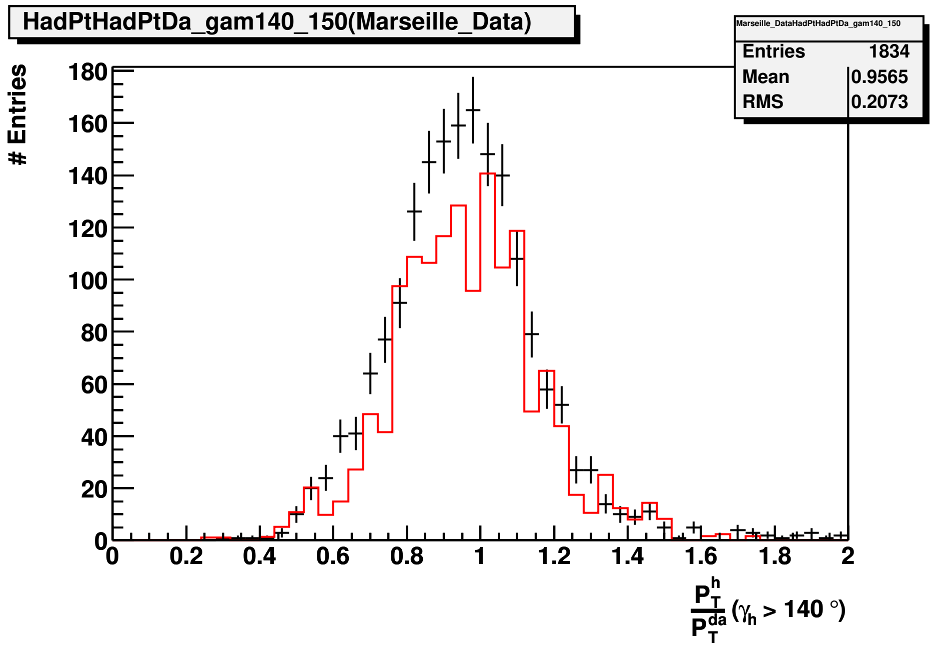

HadPtHadPtDa_gam90_100(Marseille_Data)
Entries 6182
Mean 0.9697
RMS 0.1785
Entries
$\frac{P_T^h}{P_T^{da}}$ (90 ° < γ_h < 100 °)


HadPtHadPtDa_gam100_110(Marseille_Data)
Entries 6081
Mean 0.9764
RMS 0.1818
Entries
$\frac{P_T^h}{P_T^{da}}$ (100 ° < γ_h < 110 °)


HadPtHadPtDa_gam110_120(Marseille_Data)
Marseille_DataHadPtHadPtDa_gam110_120
Entries 5980
Mean 0.9701
RMS 0.173
Entries
$\frac{P_T^h}{P_T^{da}}$ (110 ° < γ_h < 120 °)


HadPtHadPtDa_gam120_130(Marseille_Data)
Marseille_DataHadPtHadPtDa_gam120_130
Entries 5184
Mean 0.9603
RMS 0.1748
Entries
$\frac{P_T^h}{P_T^{da}}$ (120 ° < γ_h < 130 °)


HadPtHadPtDa_gam130_140(Marseille_Data)
Marseille_DataHadPtHadPtDa_gam130_140
Entries 3452
Mean 0.9535
RMS 0.1775
Entries
$\frac{P_T^h}{P_T^{da}}$ (130 ° < γ_h < 140 °)


HadPtHadPtDa_gam140_150(Marseille_Data)
Marseille_DataHadPtHadPtDa_gam140_150
Entries 1834
Mean 0.9565
RMS 0.2073
Entries
$\frac{P_T^h}{P_T^{da}}$ (γ_h > 140 °)