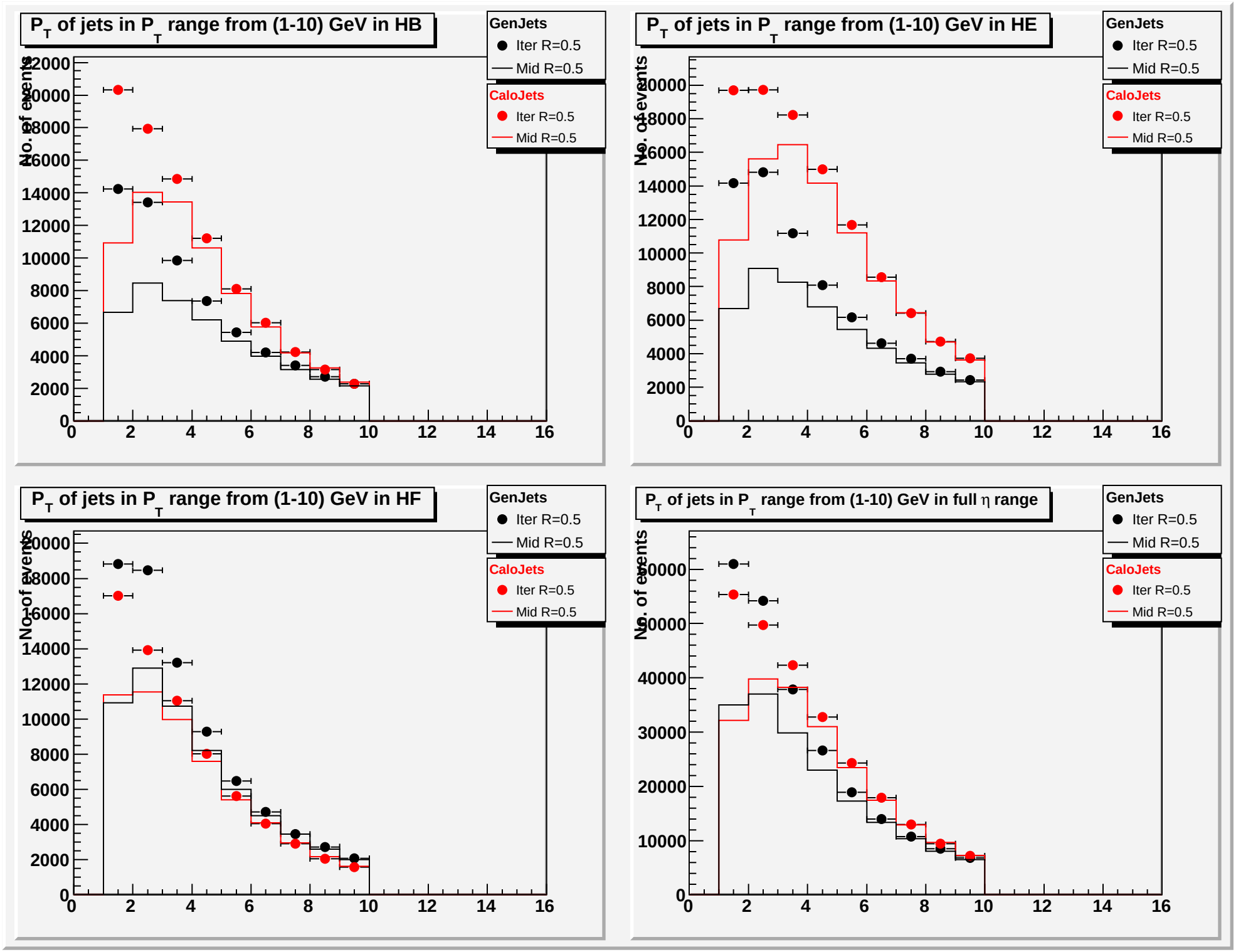
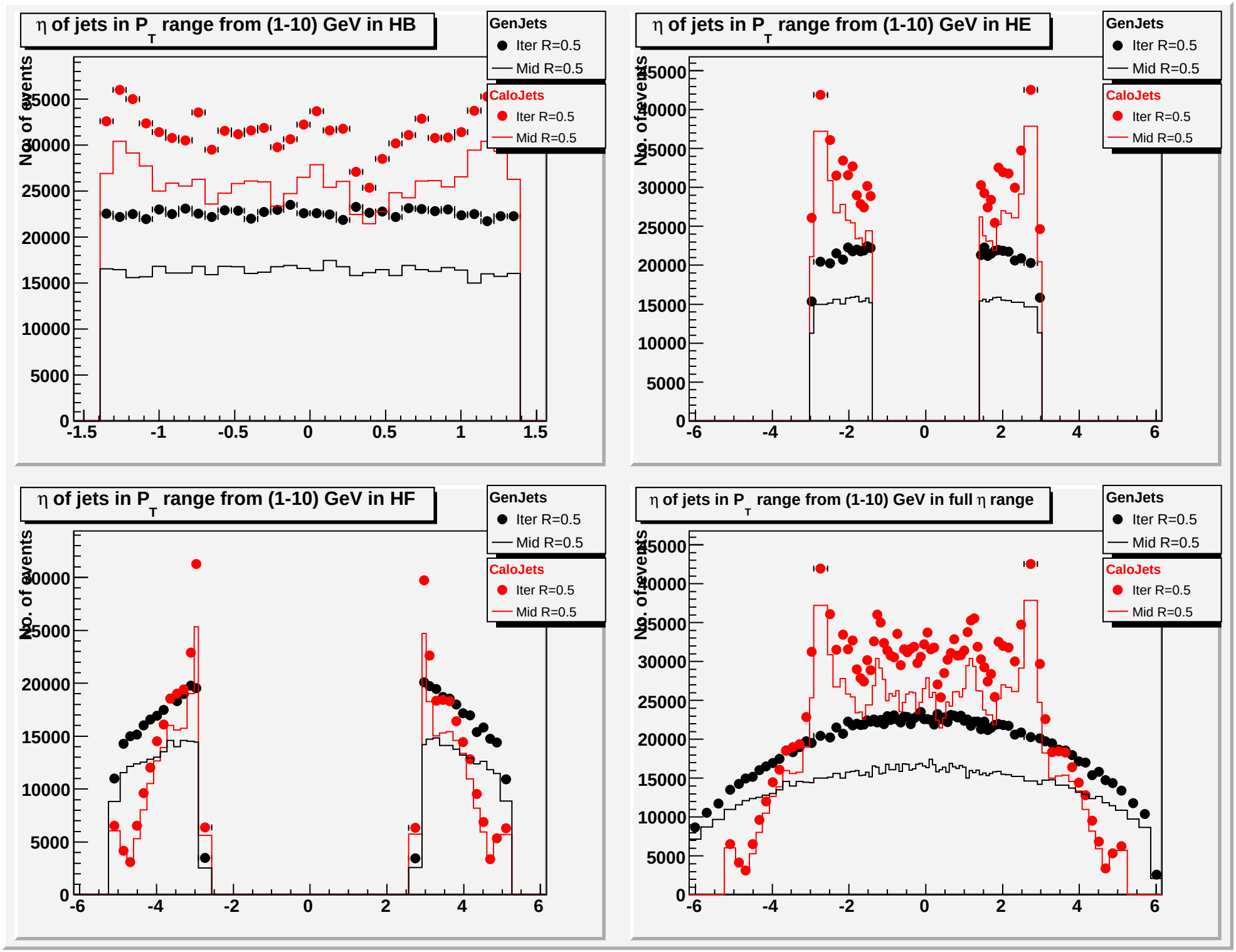
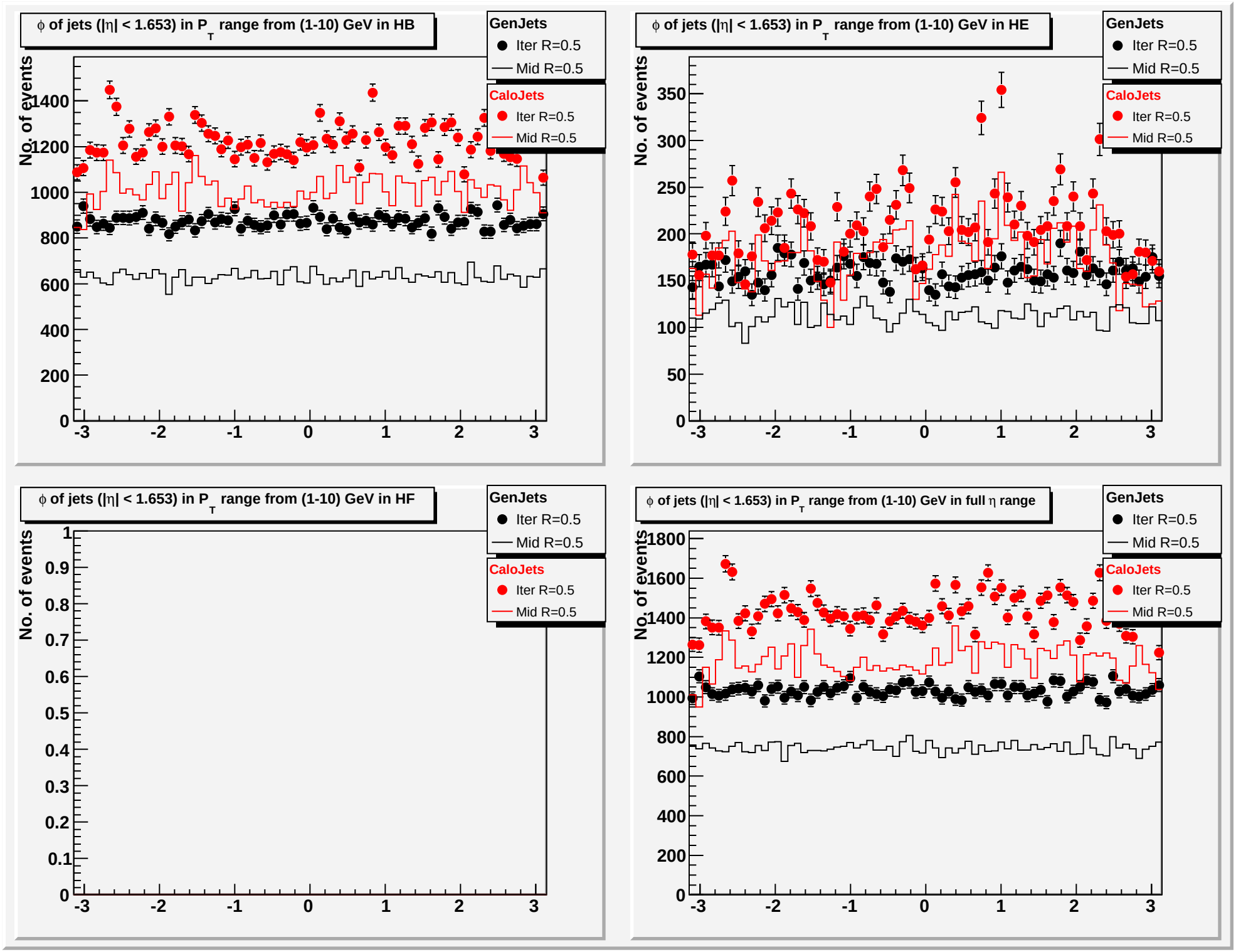
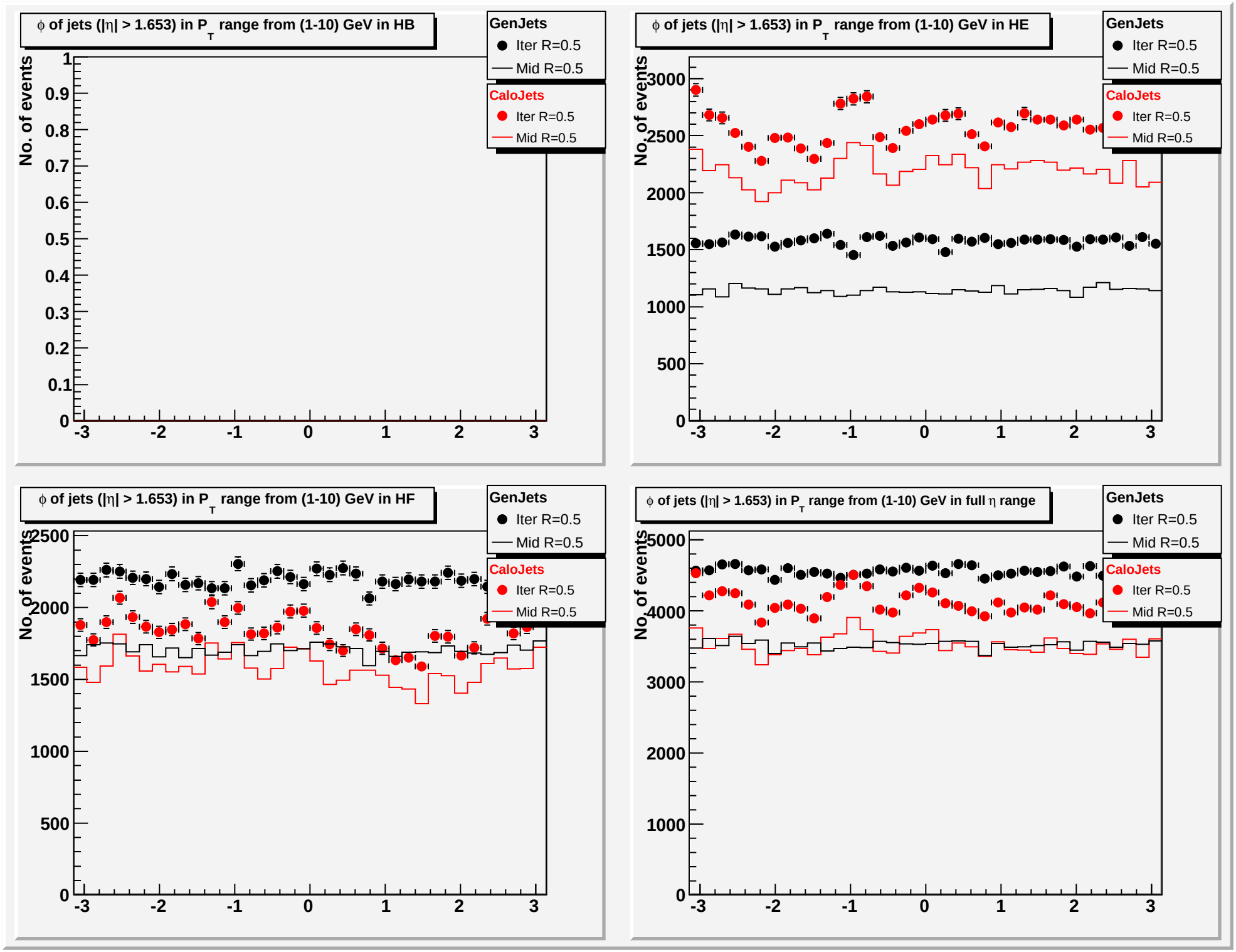
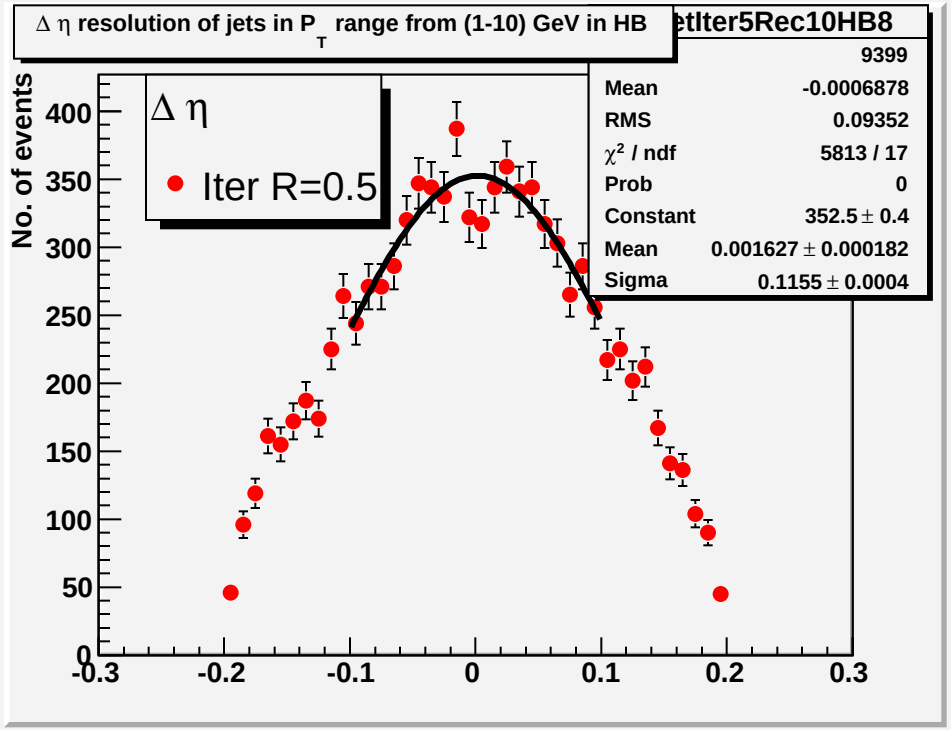
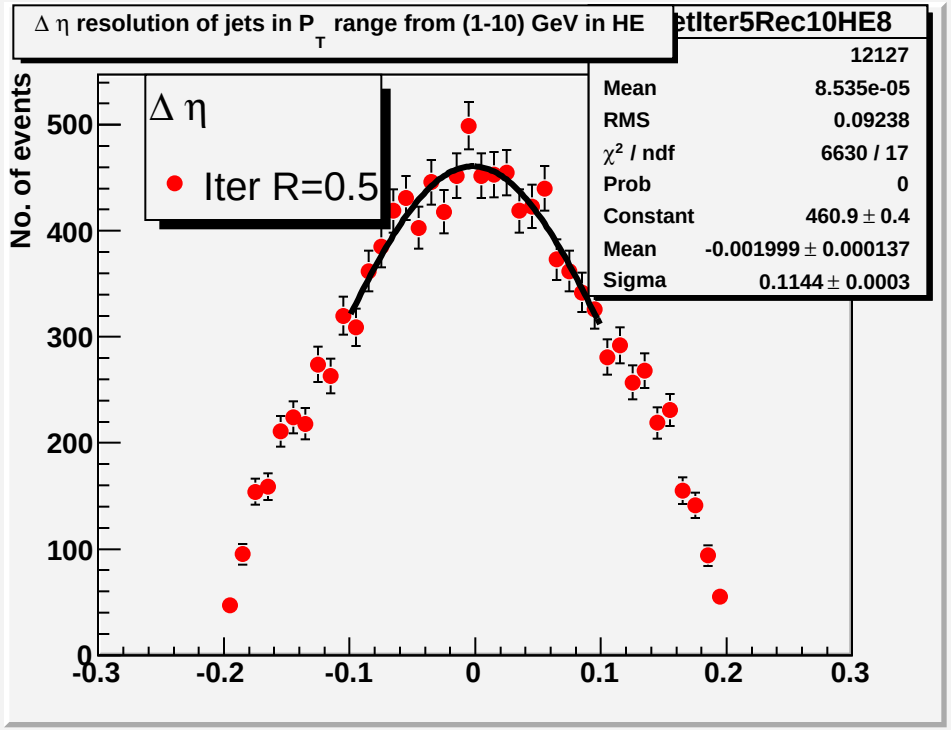

P_T of jets in P_T range from (1-10) GeV in HB
P_T of jets in P_T range from (1-10) GeV in HE
P_T of jets in P_T range from (1-10) GeV in HF
P_T of jets in P_T range from (1-10) GeV in full η range
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5
No. of events

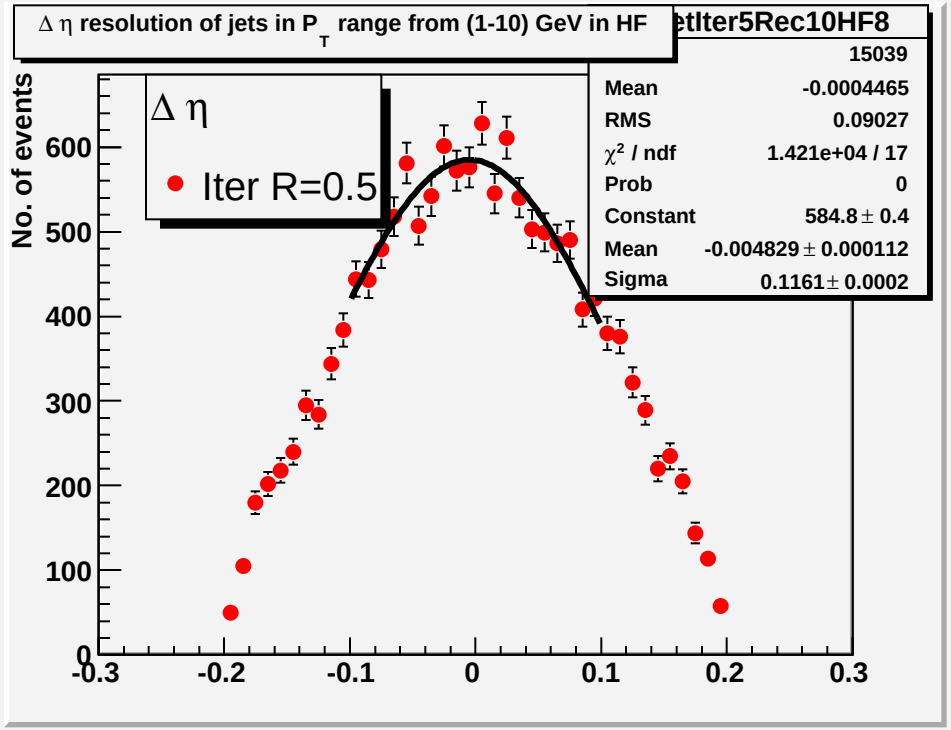

η of jets in P_T range from (1-10) GeV in HB
η of jets in P_T range from (1-10) GeV in HE
η of jets in P_T range from (1-10) GeV in HF
η of jets in P_T range from (1-10) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

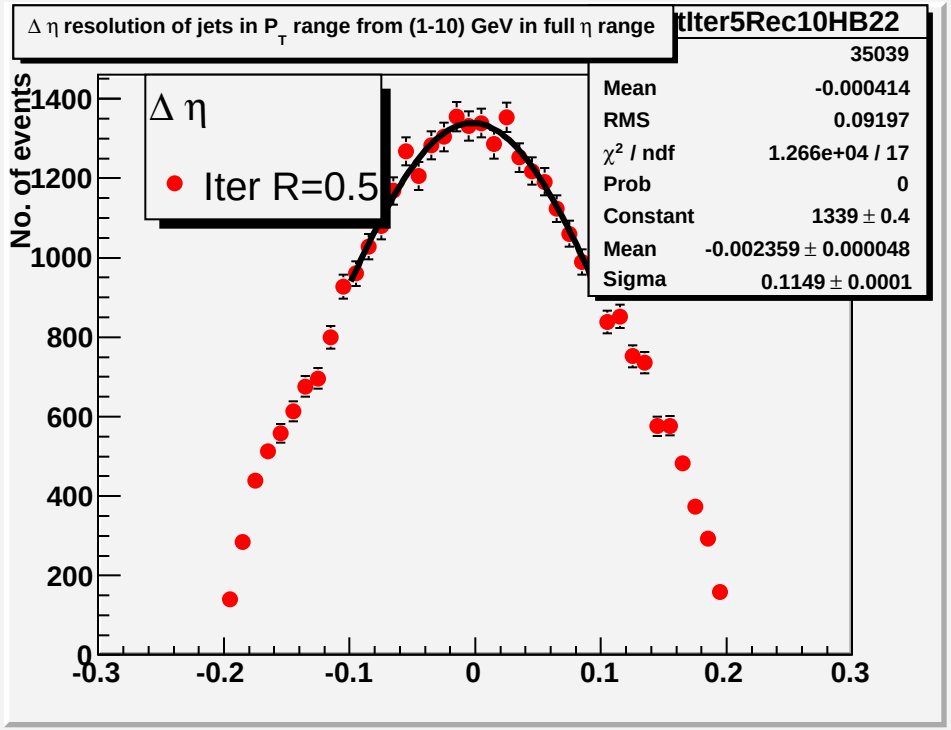

ϕ of jets (|η| < 1.653) in P_T range from (1-10) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (1-10) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (1-10) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (1-10) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

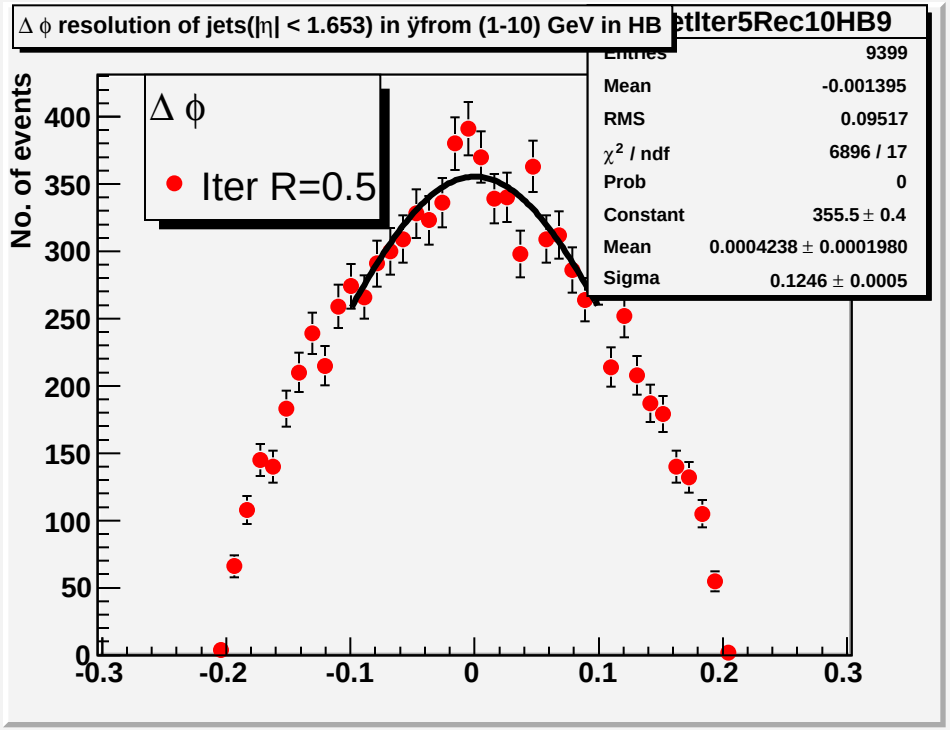

ϕ of jets (|η| > 1.653) in P_T range from (1-10) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (1-10) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (1-10) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (1-10) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

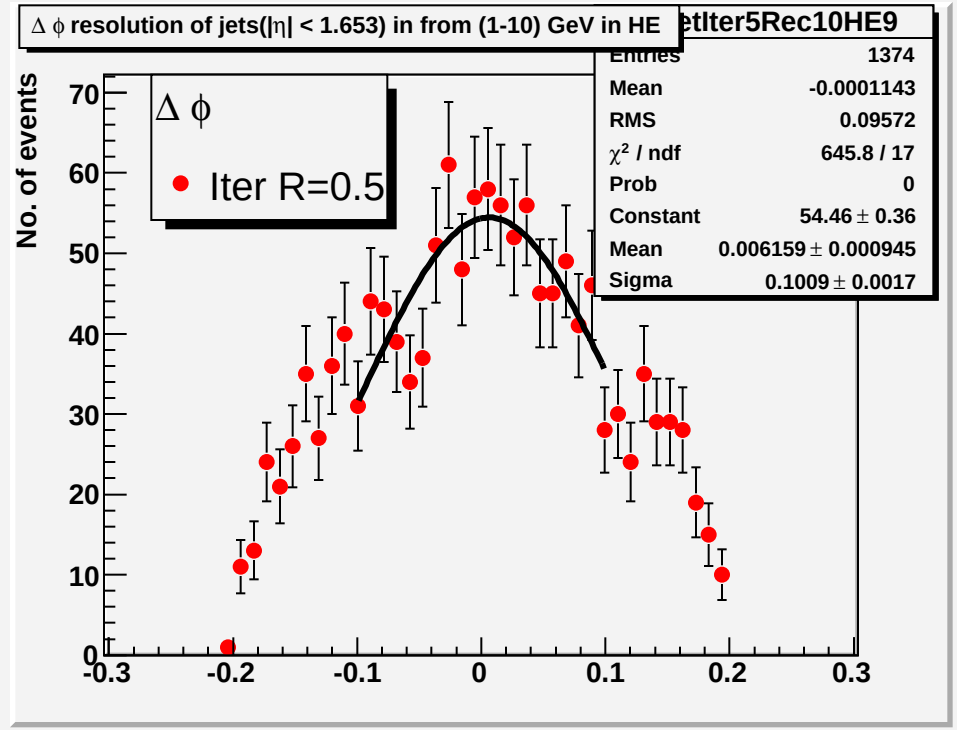

Δ η resolution of jets in P_T range from (1-10) GeV in HB
etIter5Rec10HB8
9399
Mean -0.0006878
RMS 0.09352
χ² / ndf 5813 / 17
Prob 0
Constant 352.5 ± 0.4
Mean 0.001627 ± 0.000182
Sigma 0.1155 ± 0.0004
Δ η
Iter R=0.5
No. of events

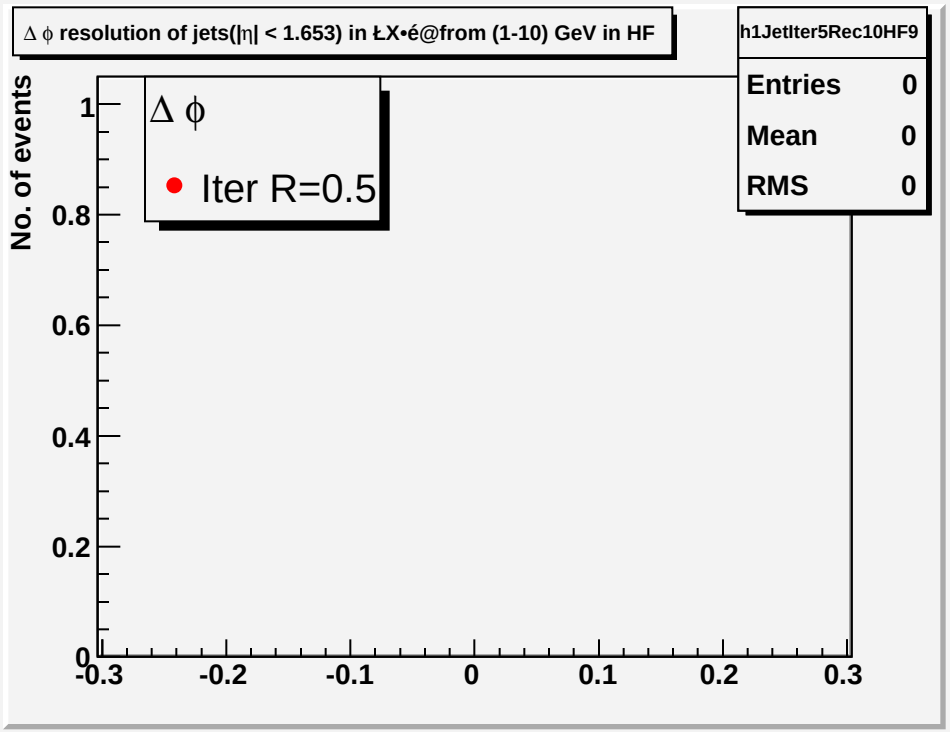

Δ η resolution of jets in P_T range from (1-10) GeV in HE
etIter5Rec10HE8
12127
Mean 8.535e-05
RMS 0.09238
χ² / ndf 6630 / 17
Prob 0
Constant 460.9 ± 0.4
Mean -0.001999 ± 0.000137
Sigma 0.1144 ± 0.0003
Δ η
Iter R=0.5
No. of events

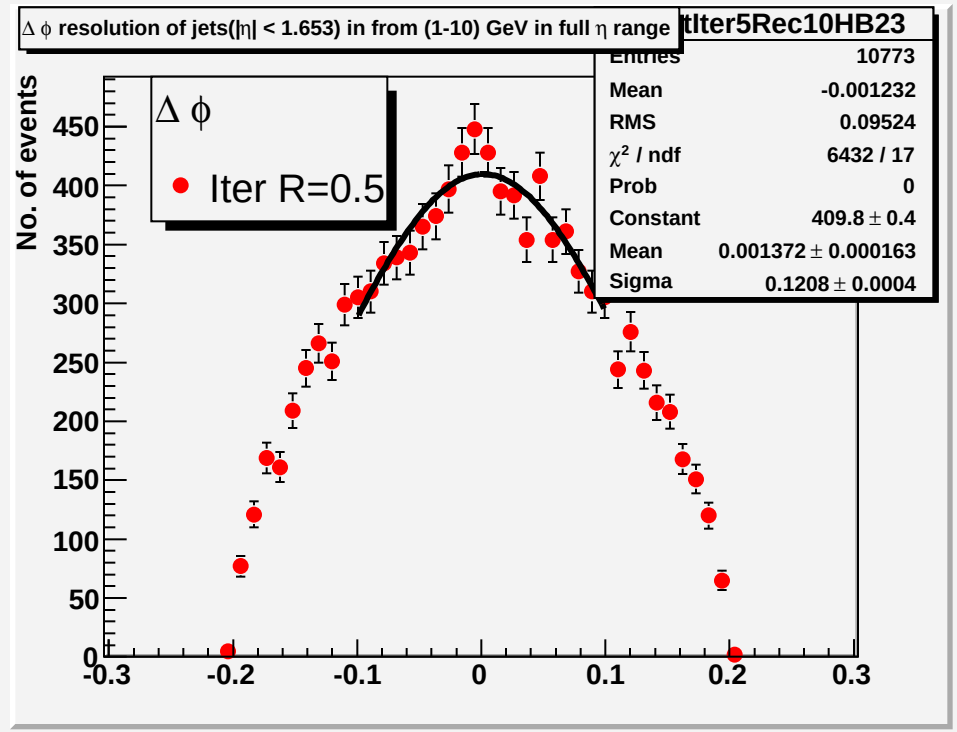

Δ η resolution of jets in P_T range from (1-10) GeV in HF
etIter5Rec10HF8
15039
Mean -0.0004465
RMS 0.09027
χ² / ndf 1.421e+04 / 17
Prob 0
Constant 584.8 ± 0.4
Mean -0.004829 ± 0.000112
Sigma 0.1161 ± 0.0002
Δ η
Iter R=0.5
No. of events

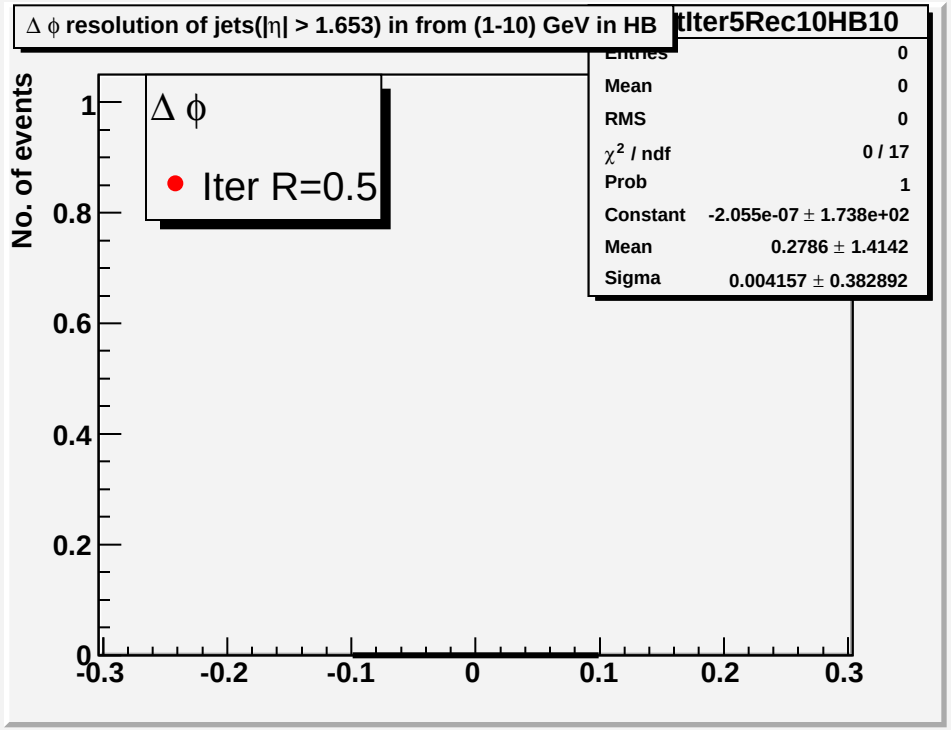

Δ η resolution of jets in P_T range from (1-10) GeV in full η range
tIter5Rec10HB22
35039
Mean -0.000414
RMS 0.09197
χ² / ndf 1.266e+04 / 17
Prob 0
Constant 1339 ± 0.4
Mean -0.002359 ± 0.000048
Sigma 0.1149 ± 0.0001
Δ η
Iter R=0.5
No. of events

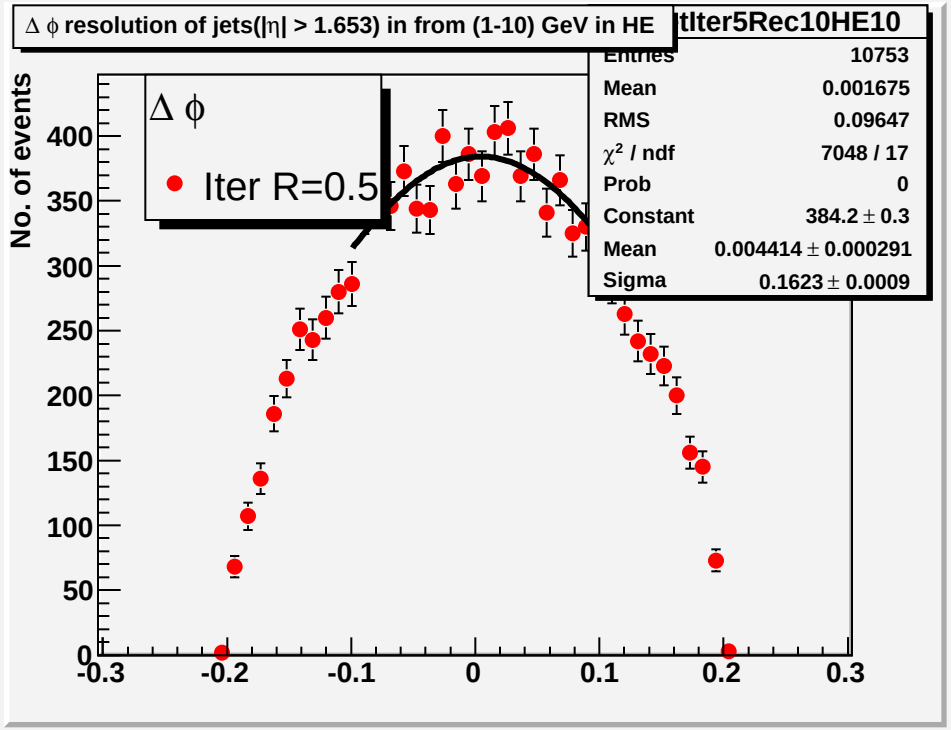

Δ ϕ resolution of jets(|η| < 1.653) in ÿfrom (1-10) GeV in HB
etIter5Rec10HB9
Entries 9399
Mean -0.001395
RMS 0.09517
χ² / ndf 6896 / 17
Prob 0
Constant 355.5 ± 0.4
Mean 0.0004238 ± 0.0001980
Sigma 0.1246 ± 0.0005
Δ ϕ
Iter R=0.5
No. of events

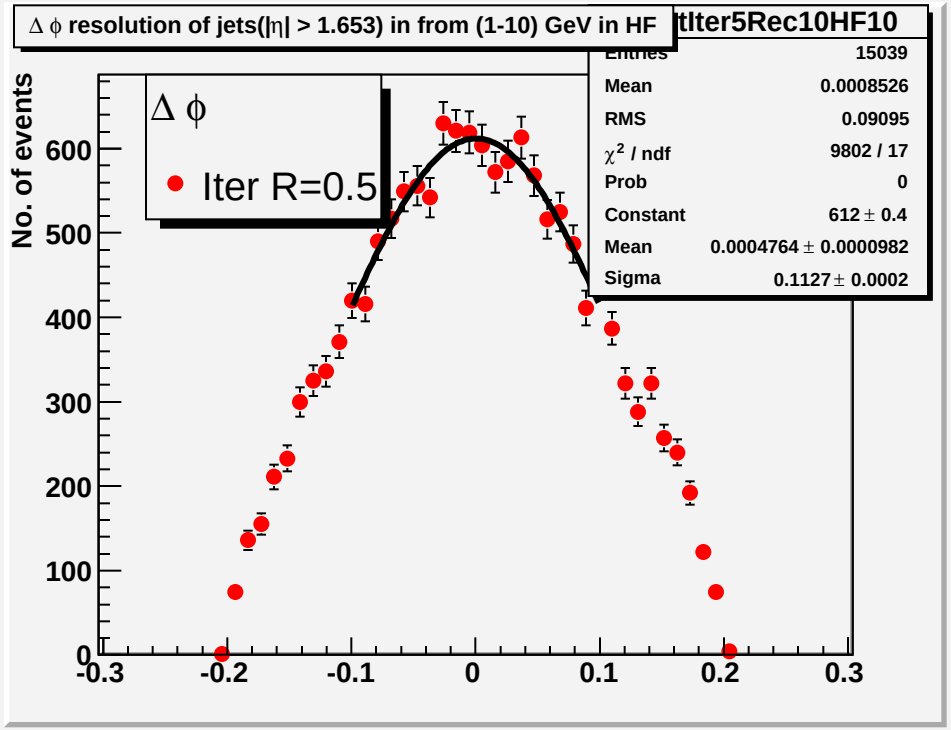

Δ ϕ resolution of jets(|η| < 1.653) in from (1-10) GeV in HE
etIter5Rec10HE9
Entries 1374
Mean -0.0001143
RMS 0.09572
χ² / ndf 645.8 / 17
Prob 0
Constant 54.46 ± 0.36
Mean 0.006159 ± 0.000945
Sigma 0.1009 ± 0.0017
Δ ϕ
Iter R=0.5
No. of events

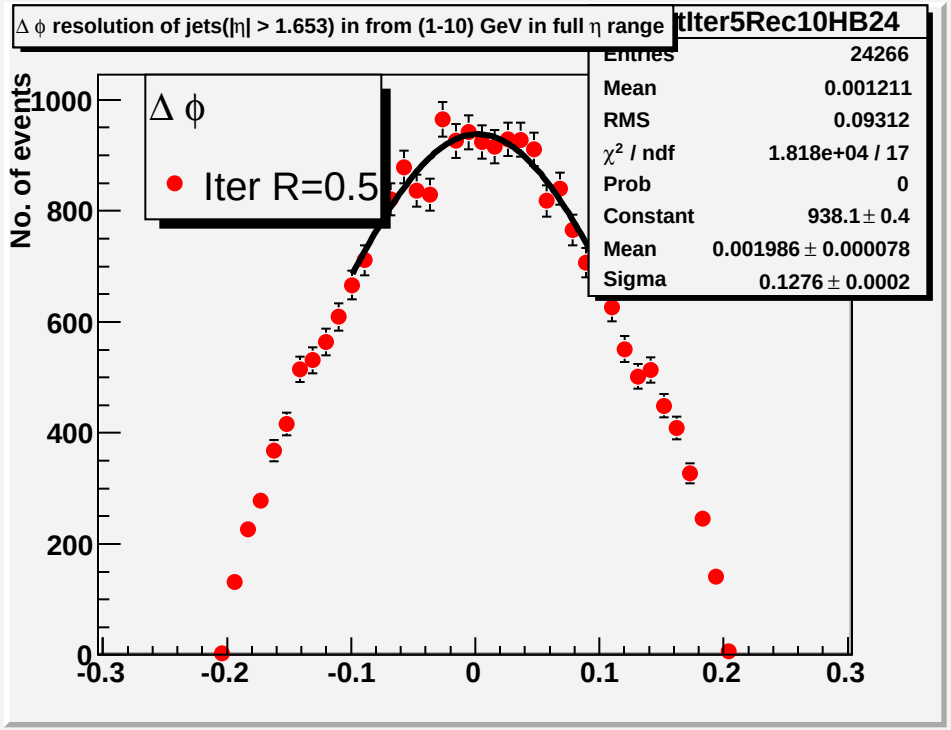

Δ ϕ resolution of jets(|η| < 1.653) in ŁX•é@from (1-10) GeV in HF
h1JetIter5Rec10HF9
Entries 0
Mean 0
RMS 0
Δ ϕ
Iter R=0.5
No. of events

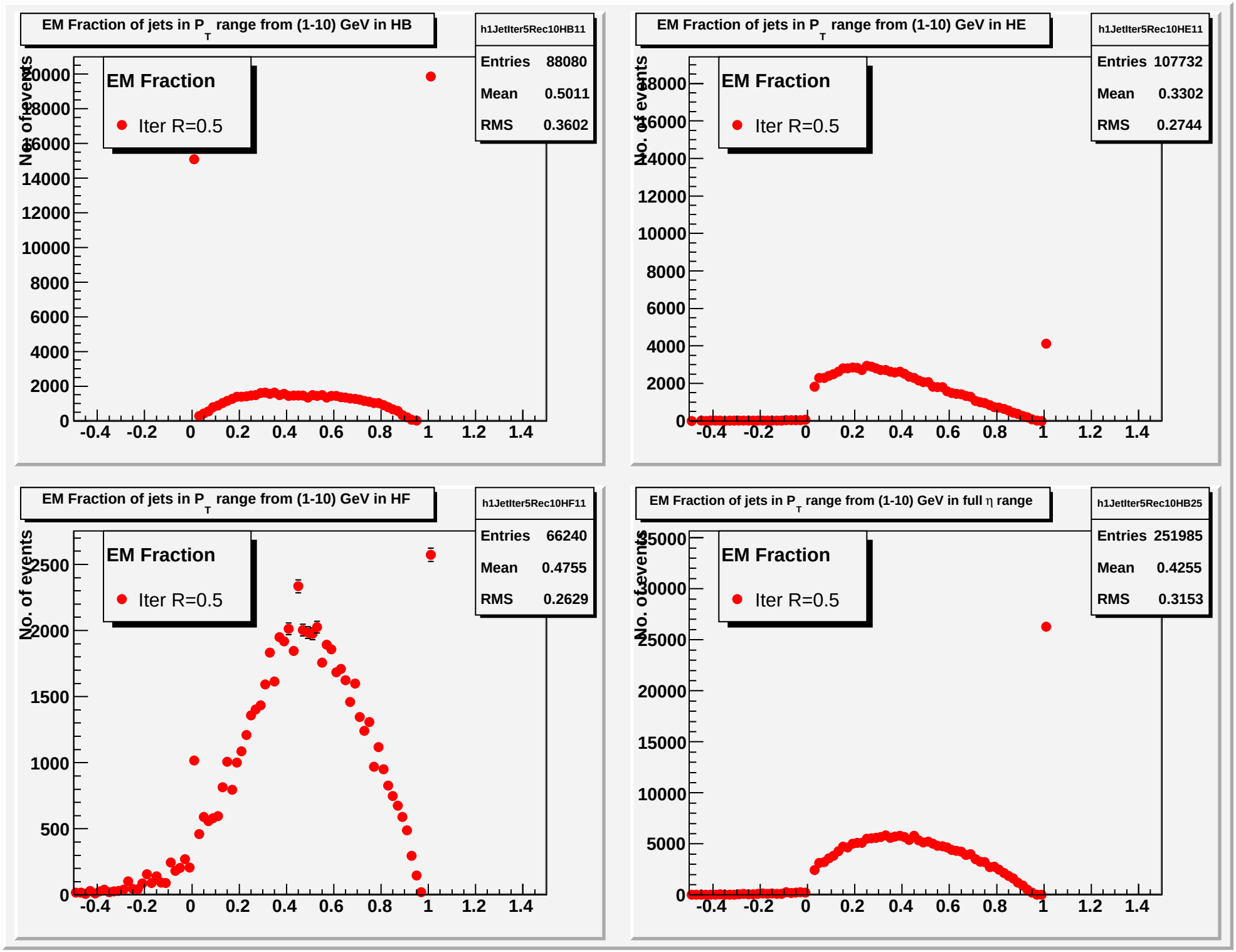

Δ ϕ resolution of jets(|η| < 1.653) in from (1-10) GeV in full η range
tIter5Rec10HB23
Entries 10773
Mean -0.001232
RMS 0.09524
χ² / ndf 6432 / 17
Prob 0
Constant 409.8 ± 0.4
Mean 0.001372 ± 0.000163
Sigma 0.1208 ± 0.0004
Δ ϕ
Iter R=0.5
No. of events

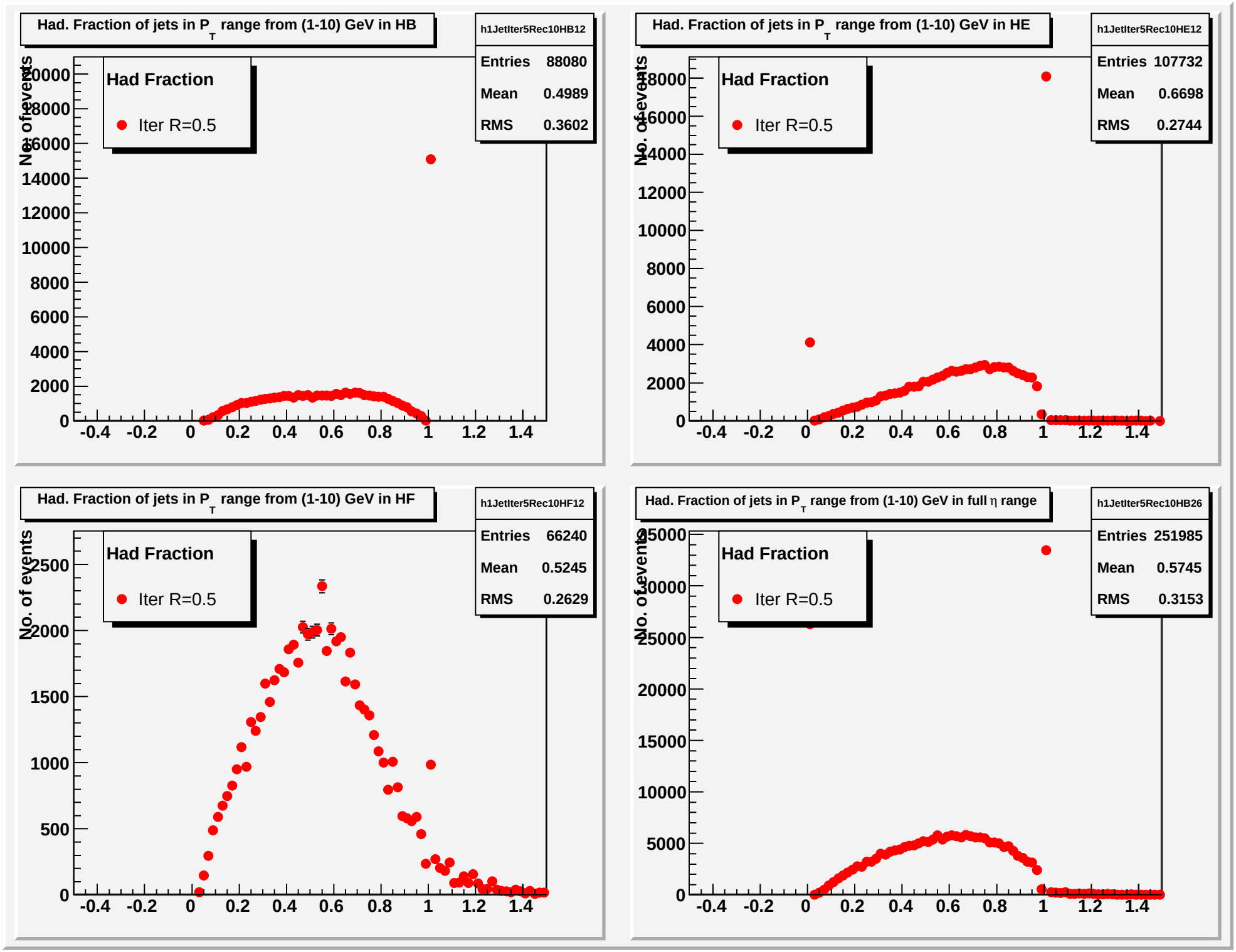

Δ ϕ resolution of jets(|η| > 1.653) in from (1-10) GeV in HB
tIter5Rec10HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 0 / 17
Prob 1
Constant -2.055e-07 ± 1.738e+02
Mean 0.2786 ± 1.4142
Sigma 0.004157 ± 0.382892
Δ ϕ
Iter R=0.5
No. of events

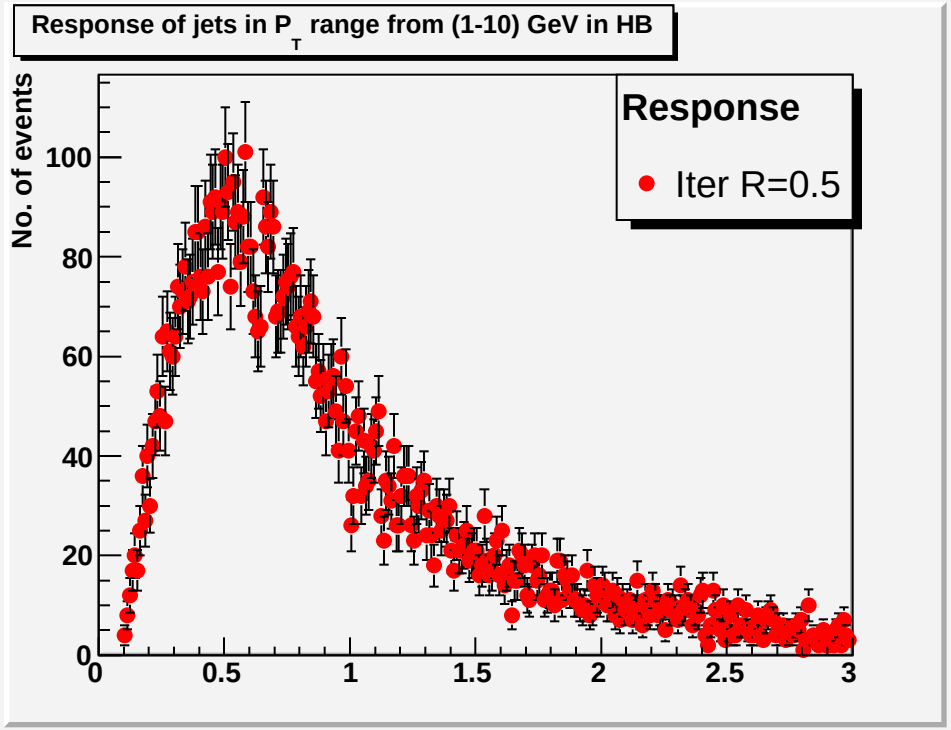

Δ ϕ resolution of jets(|η| > 1.653) in from (1-10) GeV in HE
tIter5Rec10HE10
Entries 10753
Mean 0.001675
RMS 0.09647
χ² / ndf 7048 / 17
Prob 0
Constant 384.2 ± 0.3
Mean 0.004414 ± 0.000291
Sigma 0.1623 ± 0.0009
Δ ϕ
Iter R=0.5
No. of events

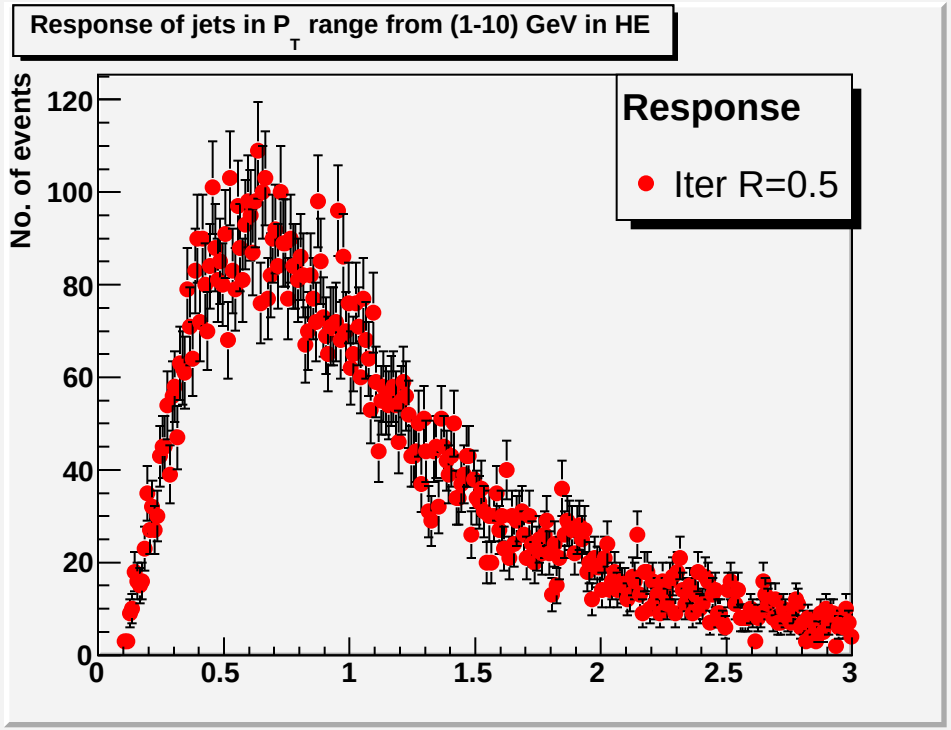

Δ ϕ resolution of jets(|η| > 1.653) in from (1-10) GeV in HF
tIter5Rec10HF10
Entries 15039
Mean 0.0008526
RMS 0.09095
χ² / ndf 9802 / 17
Prob 0
Constant 612 ± 0.4
Mean 0.0004764 ± 0.0000982
Sigma 0.1127 ± 0.0002
Δ ϕ
Iter R=0.5
No. of events

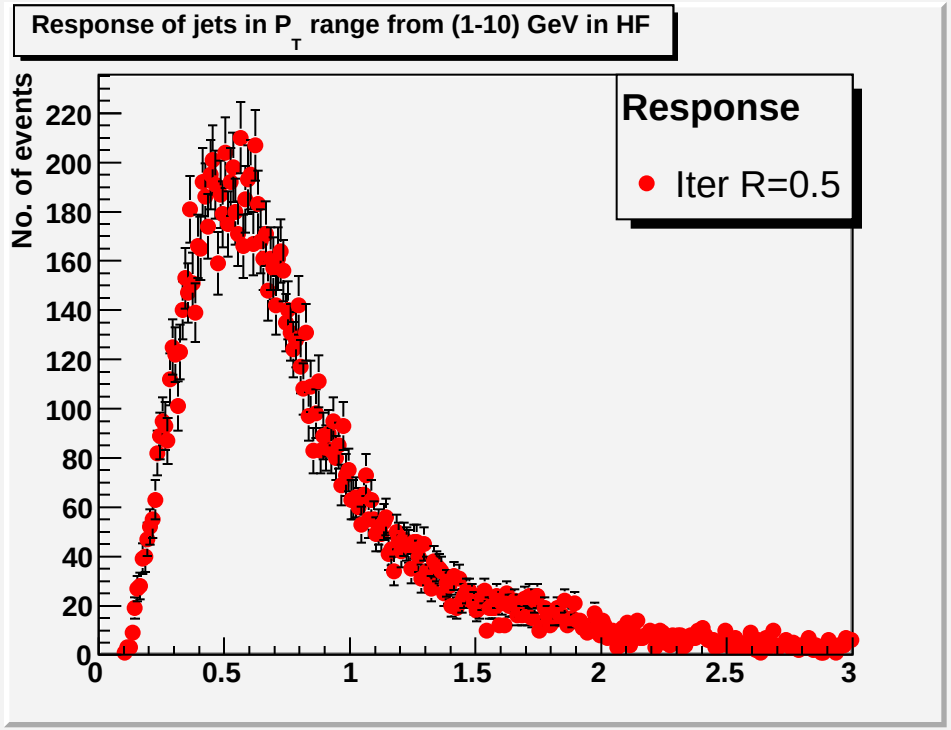

Δ ϕ resolution of jets(|η| > 1.653) in from (1-10) GeV in full η range
tIter5Rec10HB24
Entries 24266
Mean 0.001211
RMS 0.09312
χ² / ndf 1.818e+04 / 17
Prob 0
Constant 938.1 ± 0.4
Mean 0.001986 ± 0.000078
Sigma 0.1276 ± 0.0002
Δ ϕ
Iter R=0.5
No. of events

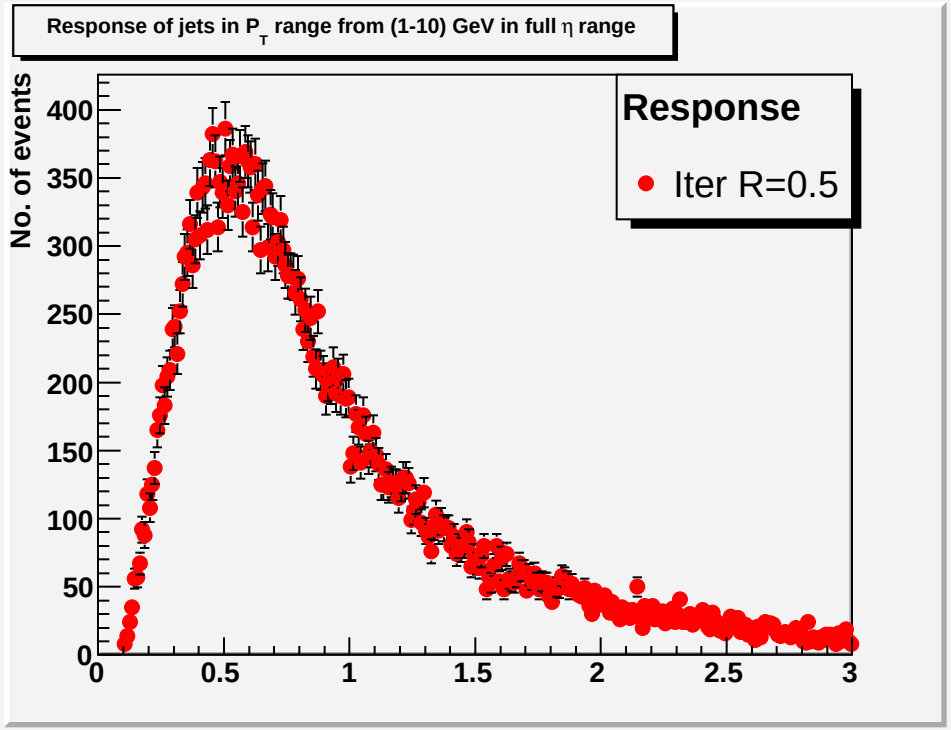

EM Fraction of jets in P_T range from (1-10) GeV in HB
h1JetIter5Rec10HB11
Entries 88080
Mean 0.5011
RMS 0.3602
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (1-10) GeV in HE
h1JetIter5Rec10HE11
Entries 107732
Mean 0.3302
RMS 0.2744
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (1-10) GeV in HF
h1JetIter5Rec10HF11
Entries 66240
Mean 0.4755
RMS 0.2629
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (1-10) GeV in full η range
h1JetIter5Rec10HB25
Entries 251985
Mean 0.4255
RMS 0.3153
EM Fraction
Iter R=0.5
No. of events

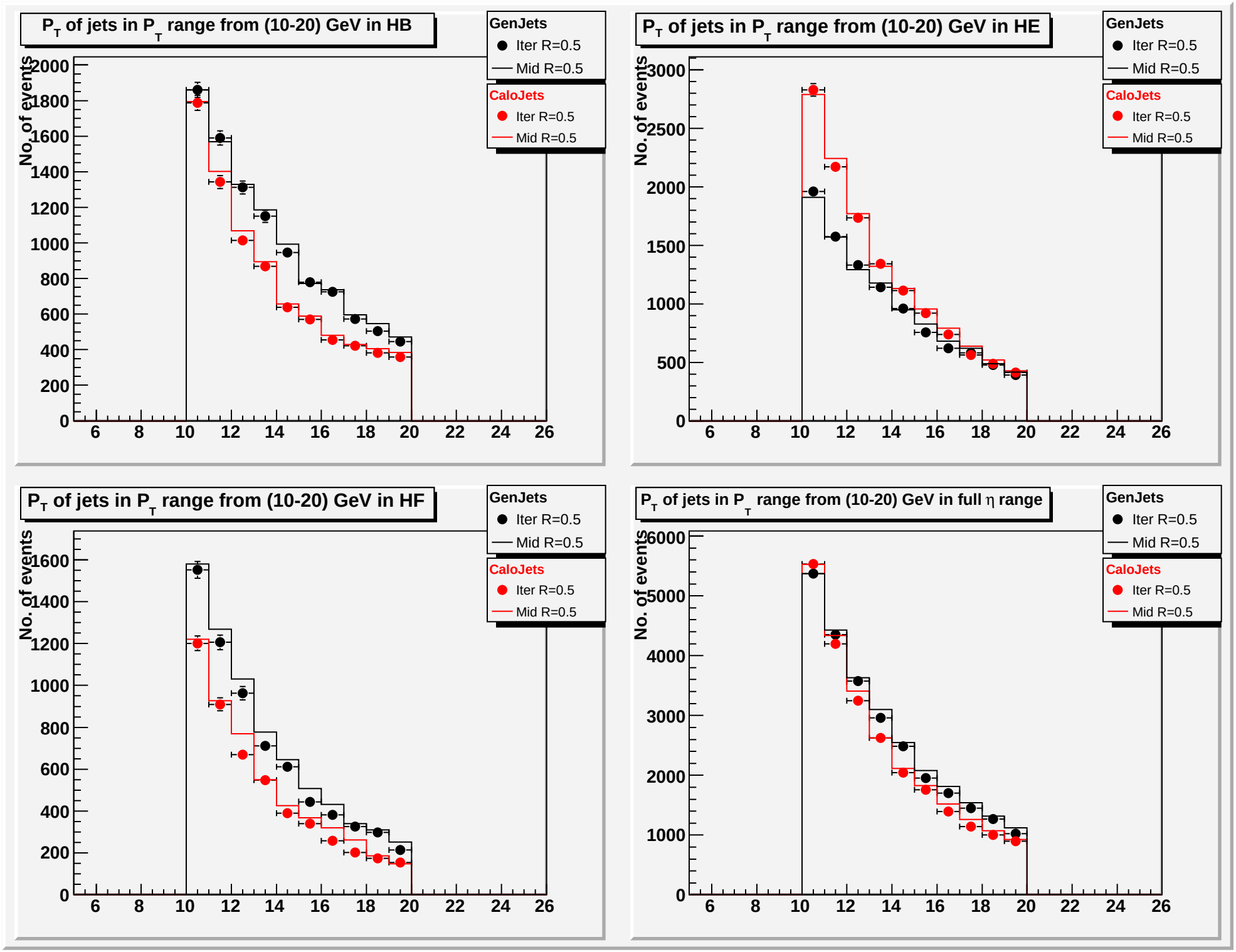

Had. Fraction of jets in P_T range from (1-10) GeV in HB
h1JetIter5Rec10HB12
Entries 88080
Mean 0.4989
RMS 0.3602
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (1-10) GeV in HE
h1JetIter5Rec10HE12
Entries 107732
Mean 0.6698
RMS 0.2744
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (1-10) GeV in HF
h1JetIter5Rec10HF12
Entries 66240
Mean 0.5245
RMS 0.2629
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (1-10) GeV in full η range
h1JetIter5Rec10HB26
Entries 251985
Mean 0.5745
RMS 0.3153
Had Fraction
Iter R=0.5
No. of events

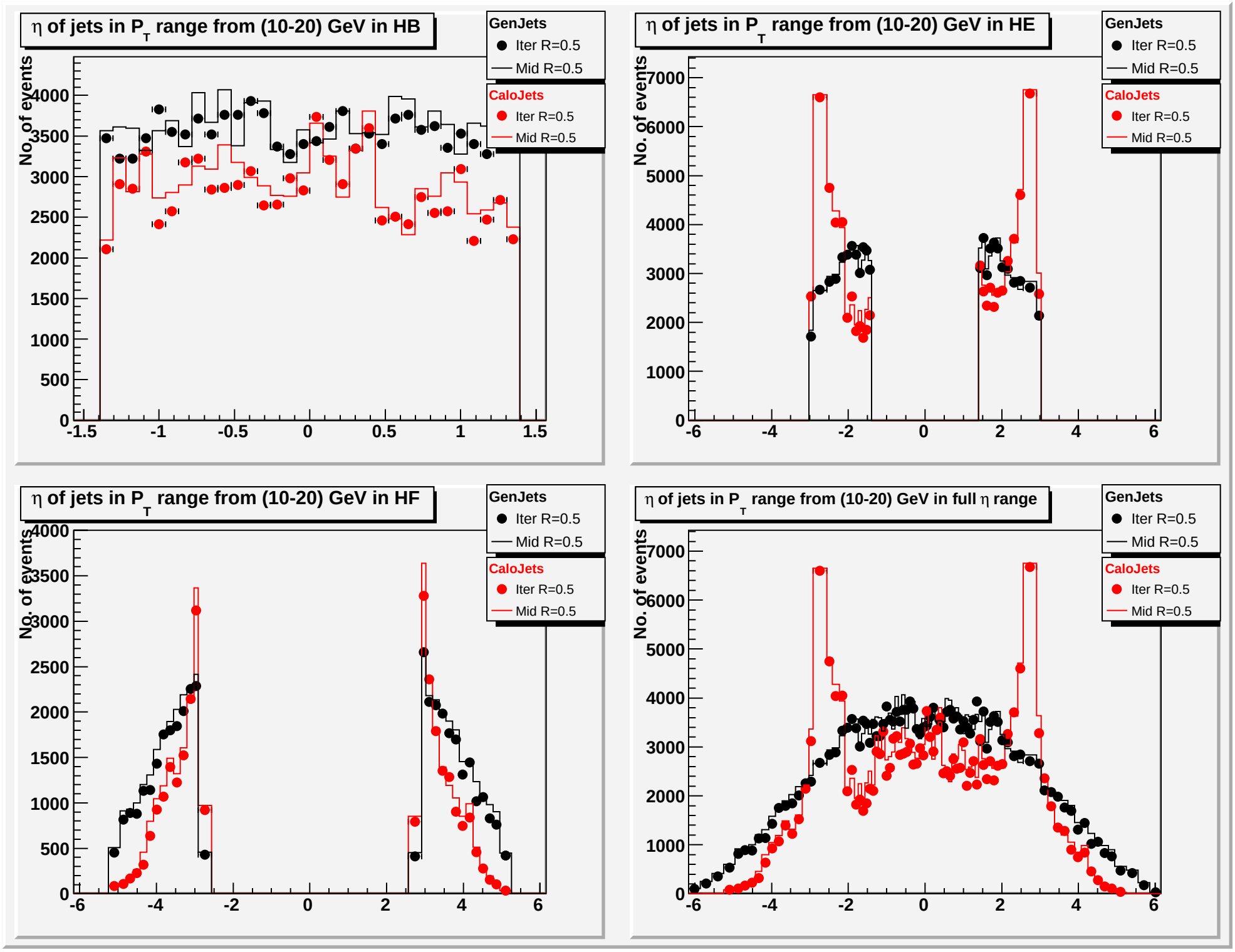

Response of jets in P_T range from (1-10) GeV in HB
Response
Iter R=0.5
No. of events

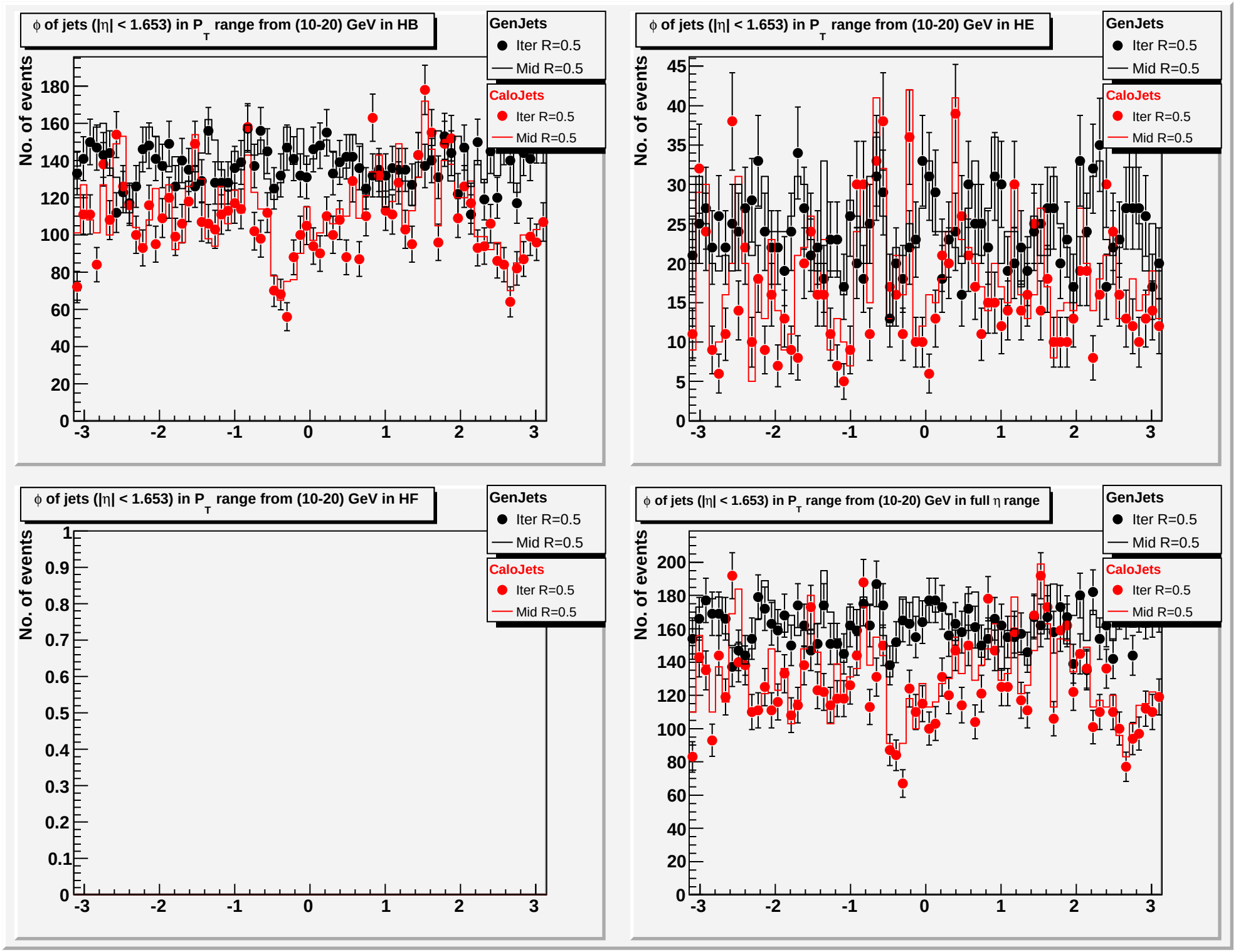

Response of jets in P_T range from (1-10) GeV in HE
Response
Iter R=0.5
No. of events

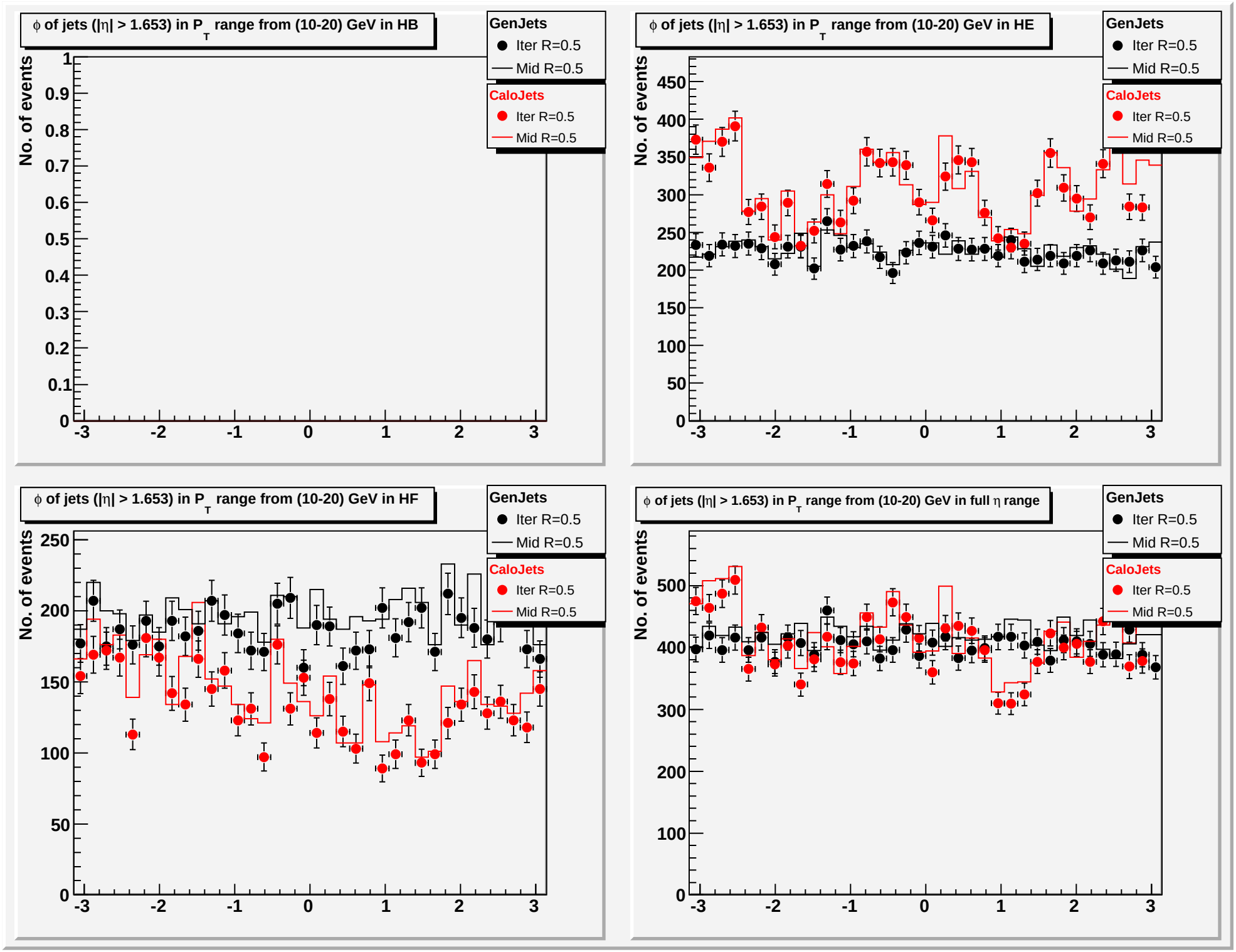

Response of jets in P_T range from (1-10) GeV in HF
Response
Iter R=0.5
No. of events

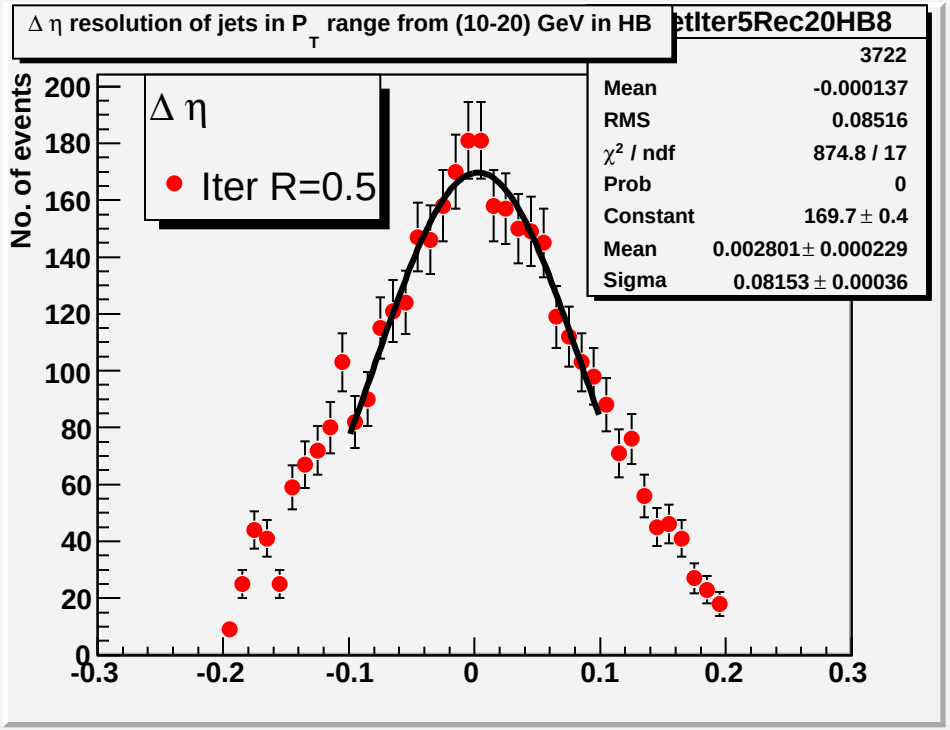

Response of jets in P_T range from (1-10) GeV in full η range
Response
Iter R=0.5
No. of events

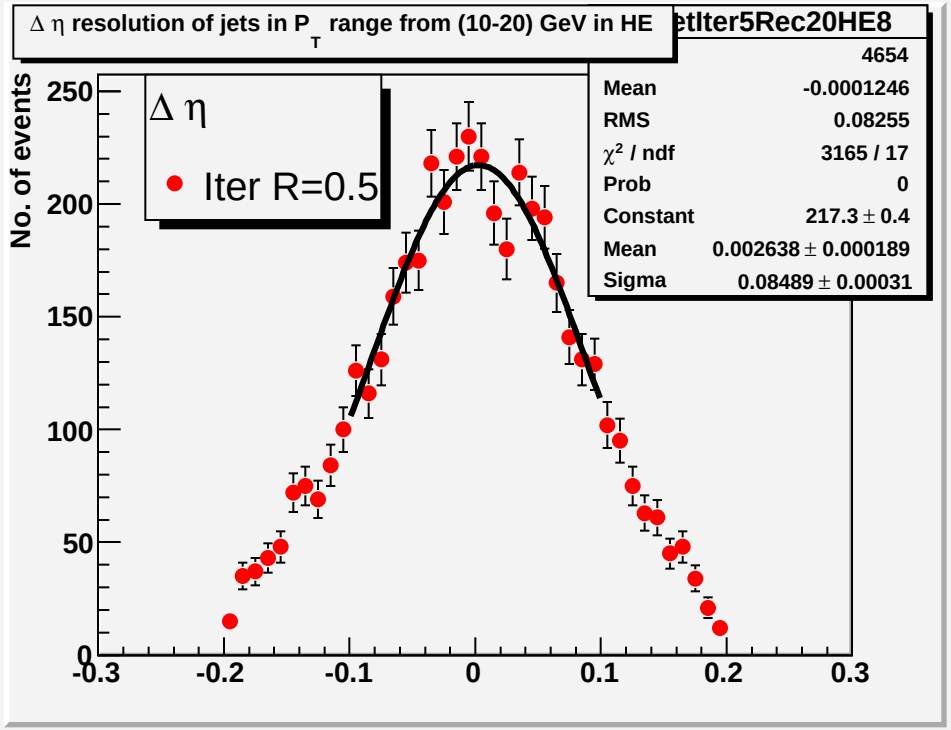

P_T of jets in P_T range from (10-20) GeV in HB
P_T of jets in P_T range from (10-20) GeV in HE
P_T of jets in P_T range from (10-20) GeV in HF
P_T of jets in P_T range from (10-20) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

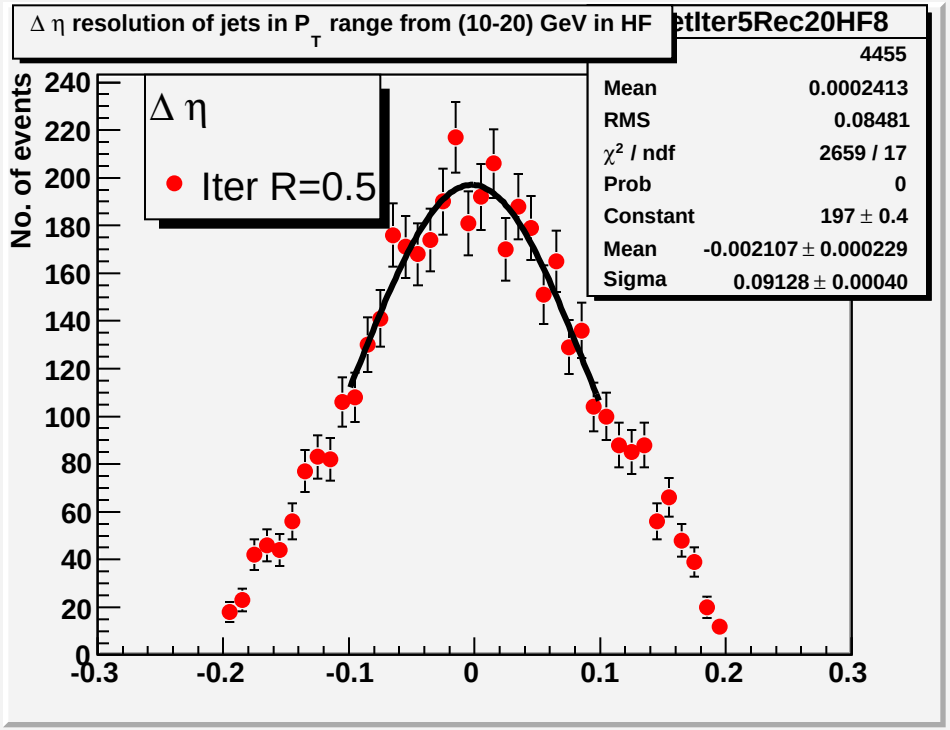

η of jets in P_T range from (10-20) GeV in HB
η of jets in P_T range from (10-20) GeV in HE
η of jets in P_T range from (10-20) GeV in HF
η of jets in P_T range from (10-20) GeV in full η range
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5
No. of events

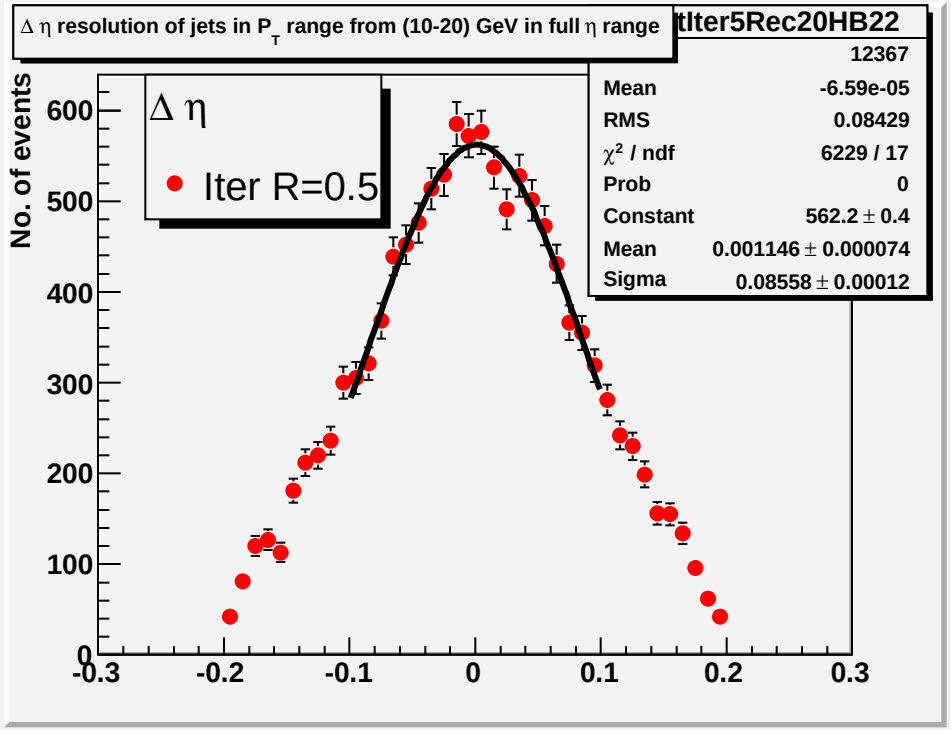

ϕ of jets (|η| < 1.653) in P_T range from (10-20) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (10-20) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (10-20) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (10-20) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

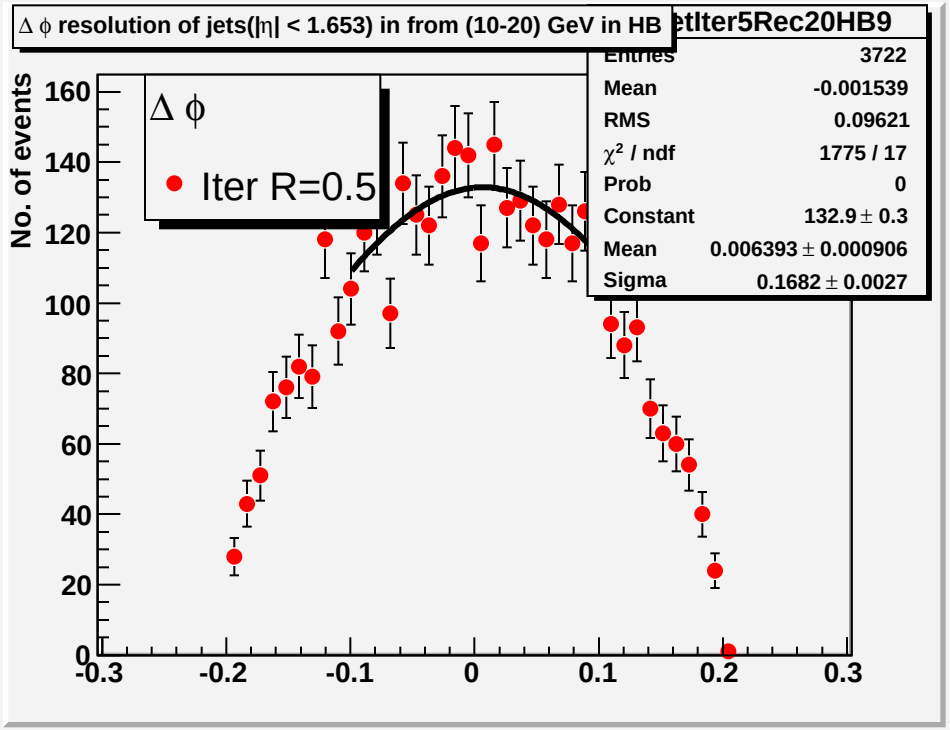

ϕ of jets (|η| > 1.653) in P_T range from (10-20) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (10-20) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (10-20) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (10-20) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

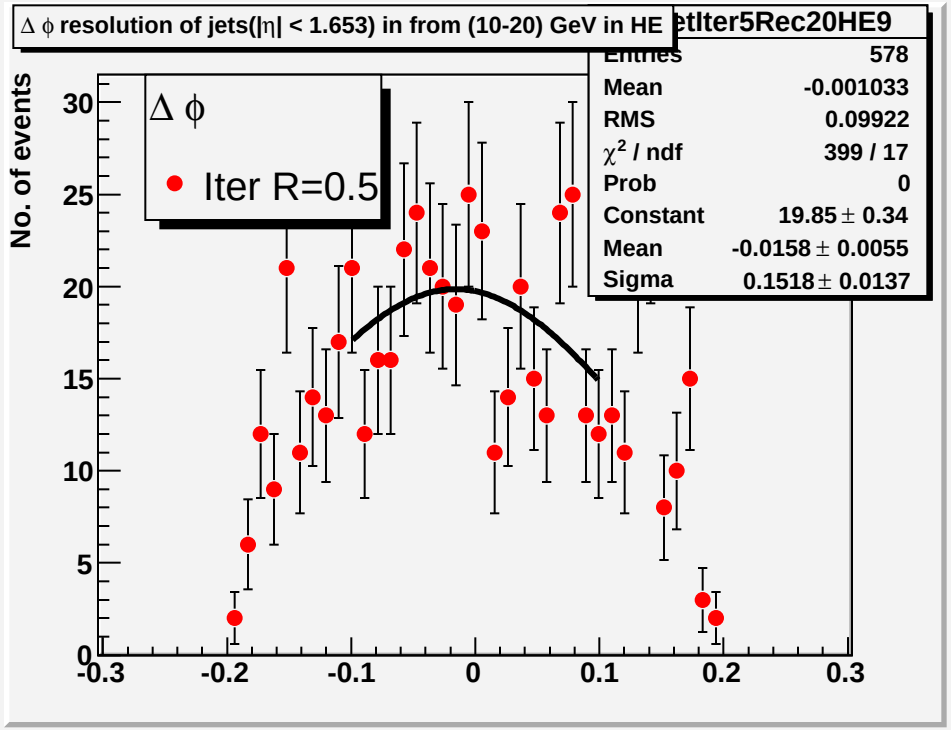

Δ η resolution of jets in P_T range from (10-20) GeV in HB
etIter5Rec20HB8
3722
Mean -0.000137
RMS 0.08516
χ² / ndf 874.8 / 17
Prob 0
Constant 169.7 ± 0.4
Mean 0.002801 ± 0.000229
Sigma 0.08153 ± 0.00036
Δ η
Iter R=0.5
No. of events

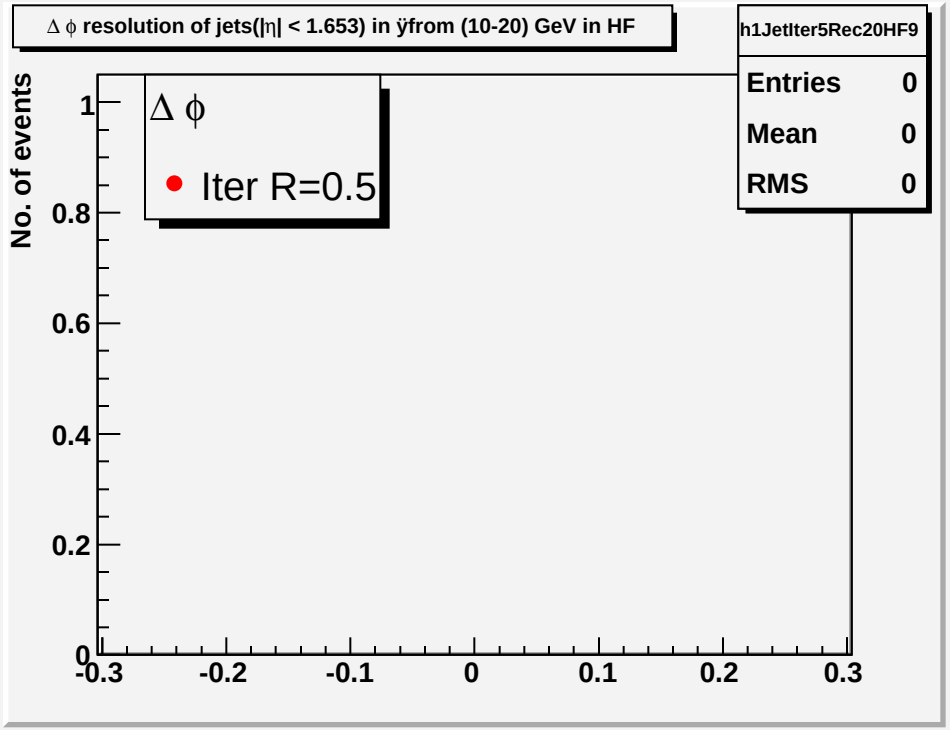

Δ η resolution of jets in P_T range from (10-20) GeV in HE
etIter5Rec20HE8
4654
Mean -0.0001246
RMS 0.08255
χ² / ndf 3165 / 17
Prob 0
Constant 217.3 ± 0.4
Mean 0.002638 ± 0.000189
Sigma 0.08489 ± 0.00031
Δ η
Iter R=0.5
No. of events

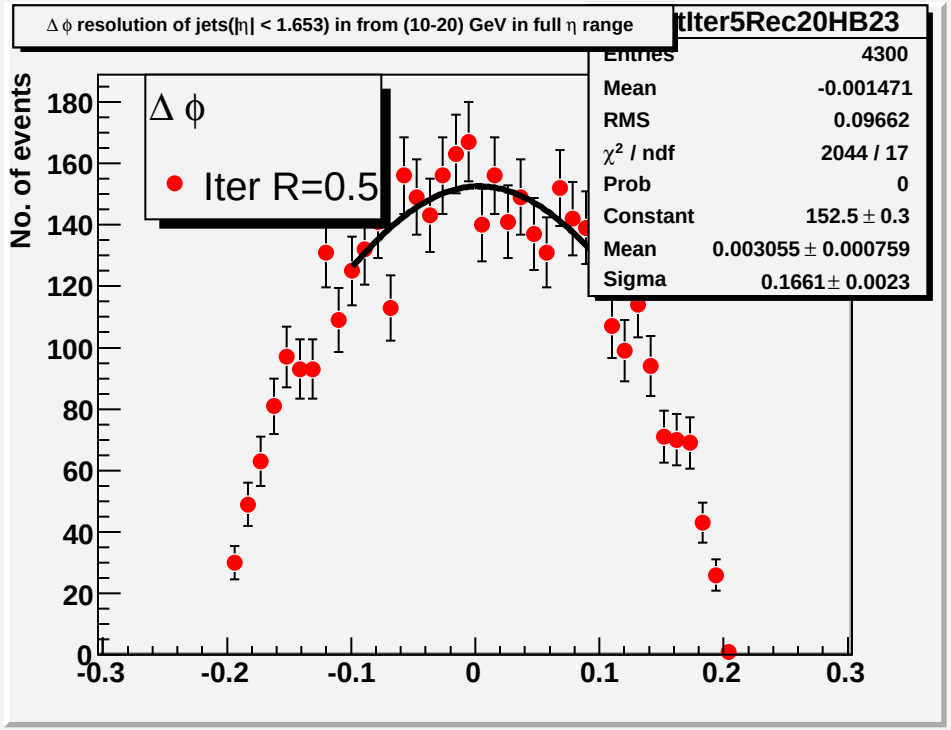

Δ η resolution of jets in P_T range from (10-20) GeV in HF
etIter5Rec20HF8
4455
Mean 0.0002413
RMS 0.08481
χ² / ndf 2659 / 17
Prob 0
Constant 197 ± 0.4
Mean -0.002107 ± 0.000229
Sigma 0.09128 ± 0.00040
Δ η
Iter R=0.5
No. of events

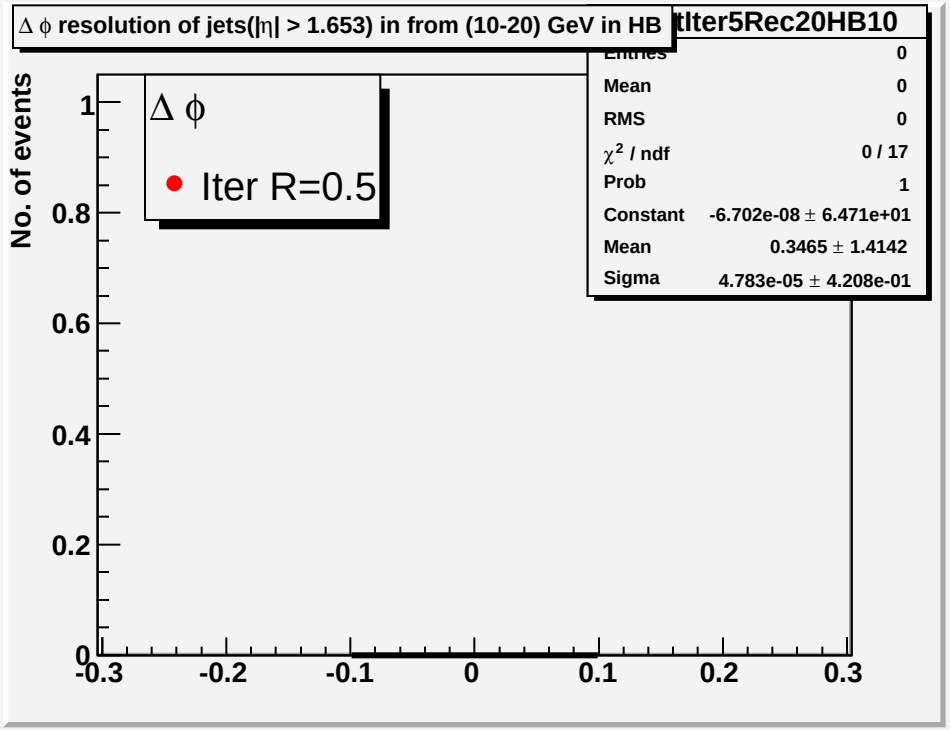

Δ η resolution of jets in P_T range from (10-20) GeV in full η range
tIter5Rec20HB22
12367
Mean -6.59e-05
RMS 0.08429
χ² / ndf 6229 / 17
Prob 0
Constant 562.2 ± 0.4
Mean 0.001146 ± 0.000074
Sigma 0.08558 ± 0.00012
Δ η
Iter R=0.5
No. of events

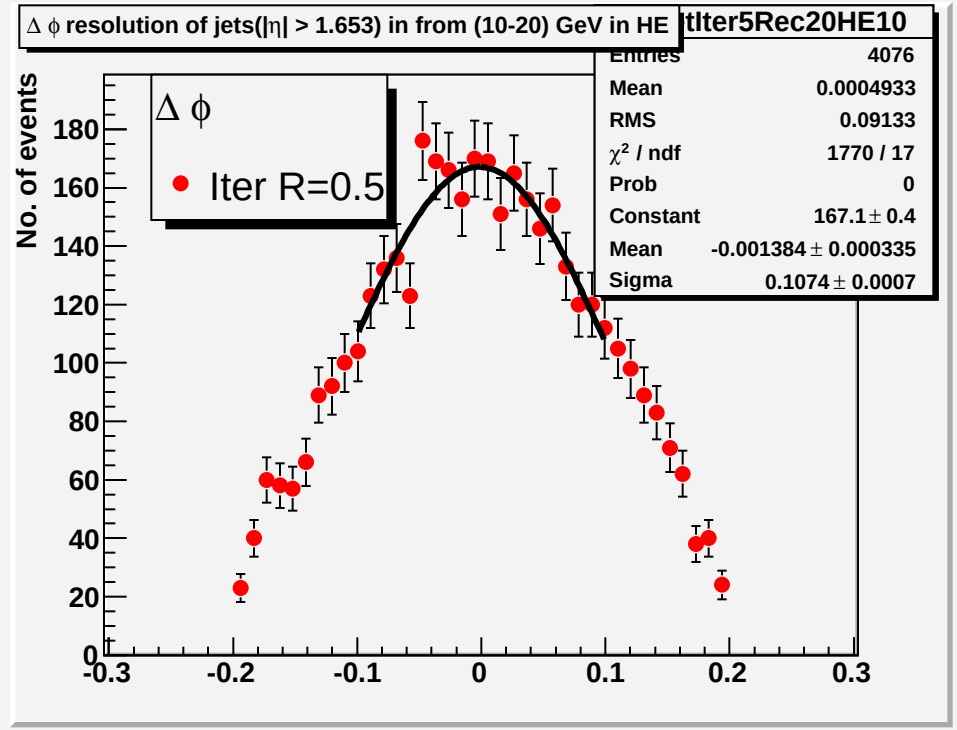

Δ ϕ resolution of jets(|η| < 1.653) in from (10-20) GeV in HB
etIter5Rec20HB9
Entries 3722
Mean -0.001539
RMS 0.09621
χ² / ndf 1775 / 17
Prob 0
Constant 132.9 ± 0.3
Mean 0.006393 ± 0.000906
Sigma 0.1682 ± 0.0027
Δ ϕ
Iter R=0.5
No. of events

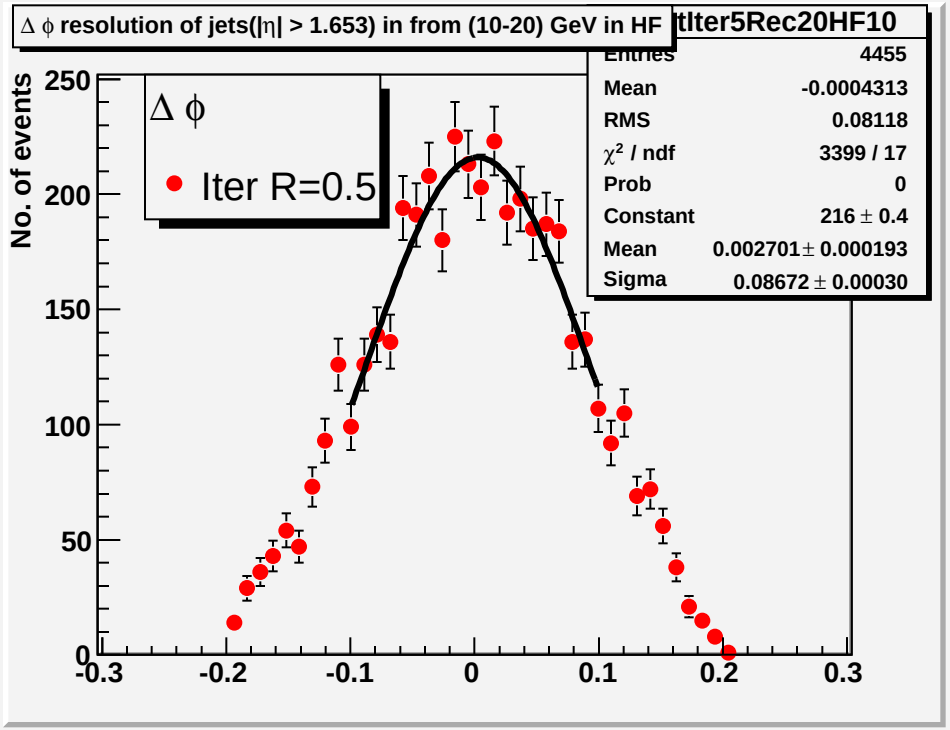

Δ ϕ resolution of jets(|η| < 1.653) in from (10-20) GeV in HE
etIter5Rec20HE9
Entries 578
Mean -0.001033
RMS 0.09922
χ² / ndf 399 / 17
Prob 0
Constant 19.85 ± 0.34
Mean -0.0158 ± 0.0055
Sigma 0.1518 ± 0.0137
Δ ϕ
Iter R=0.5
No. of events

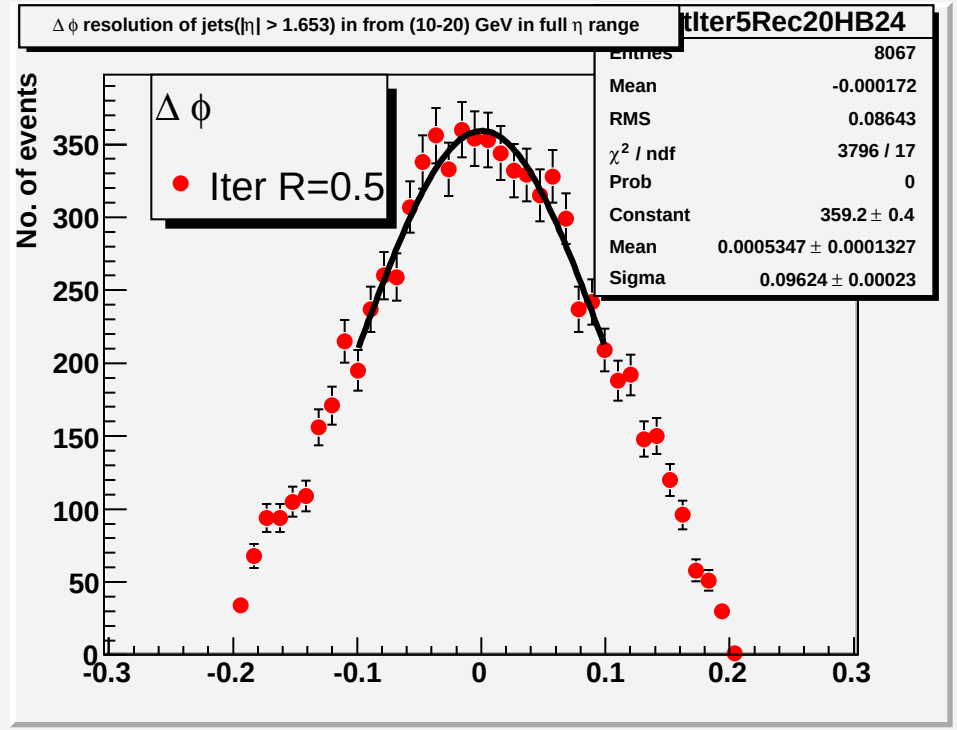

Δ ϕ resolution of jets(|η| < 1.653) in ÿfrom (10-20) GeV in HF
h1JetIter5Rec20HF9
Entries 0
Mean 0
RMS 0
Δ ϕ
Iter R=0.5
No. of events

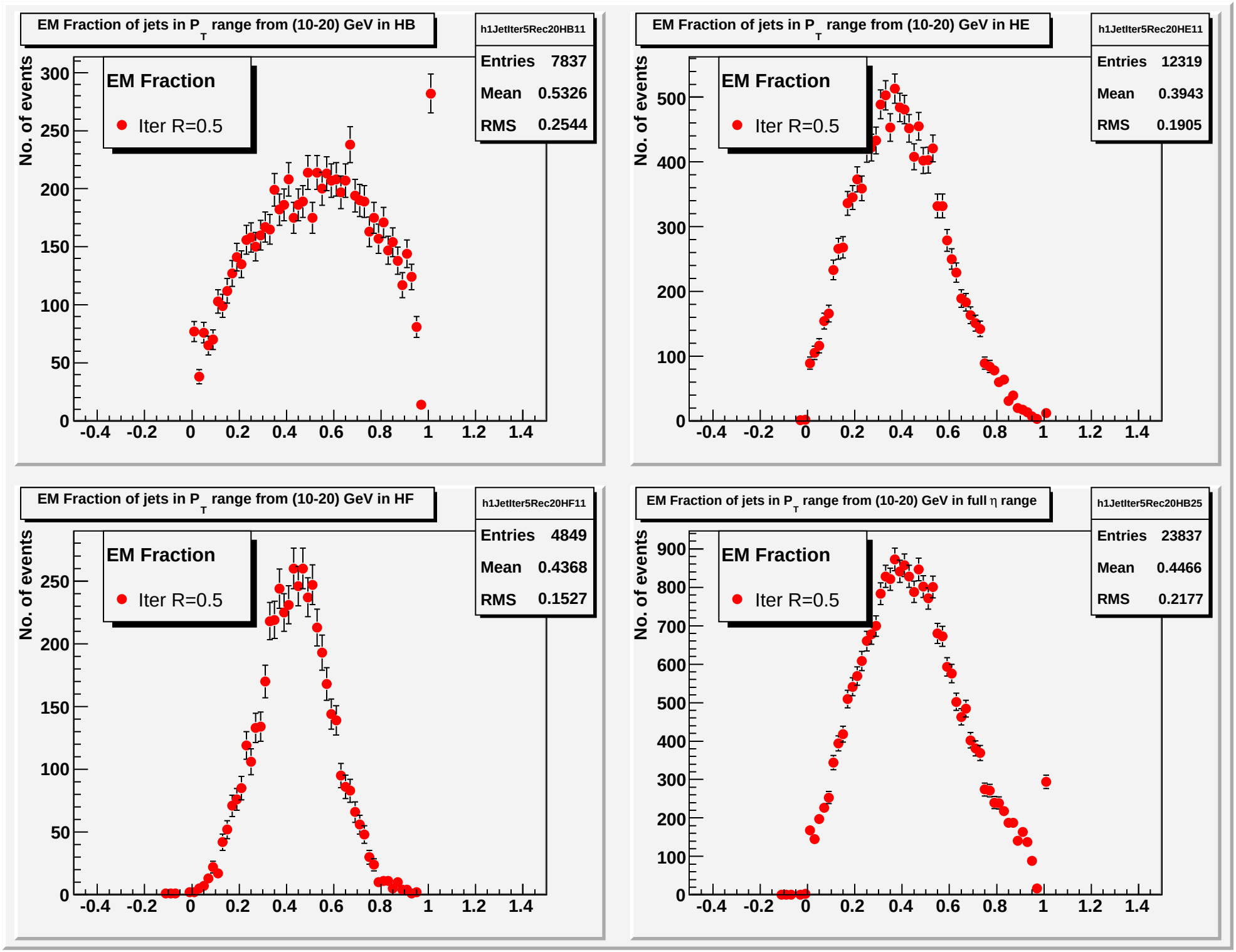

Δ ϕ resolution of jets(|η| < 1.653) in from (10-20) GeV in full η range
tIter5Rec20HB23
Entries 4300
Mean -0.001471
RMS 0.09662
χ² / ndf 2044 / 17
Prob 0
Constant 152.5 ± 0.3
Mean 0.003055 ± 0.000759
Sigma 0.1661 ± 0.0023
Δ ϕ
Iter R=0.5
No. of events

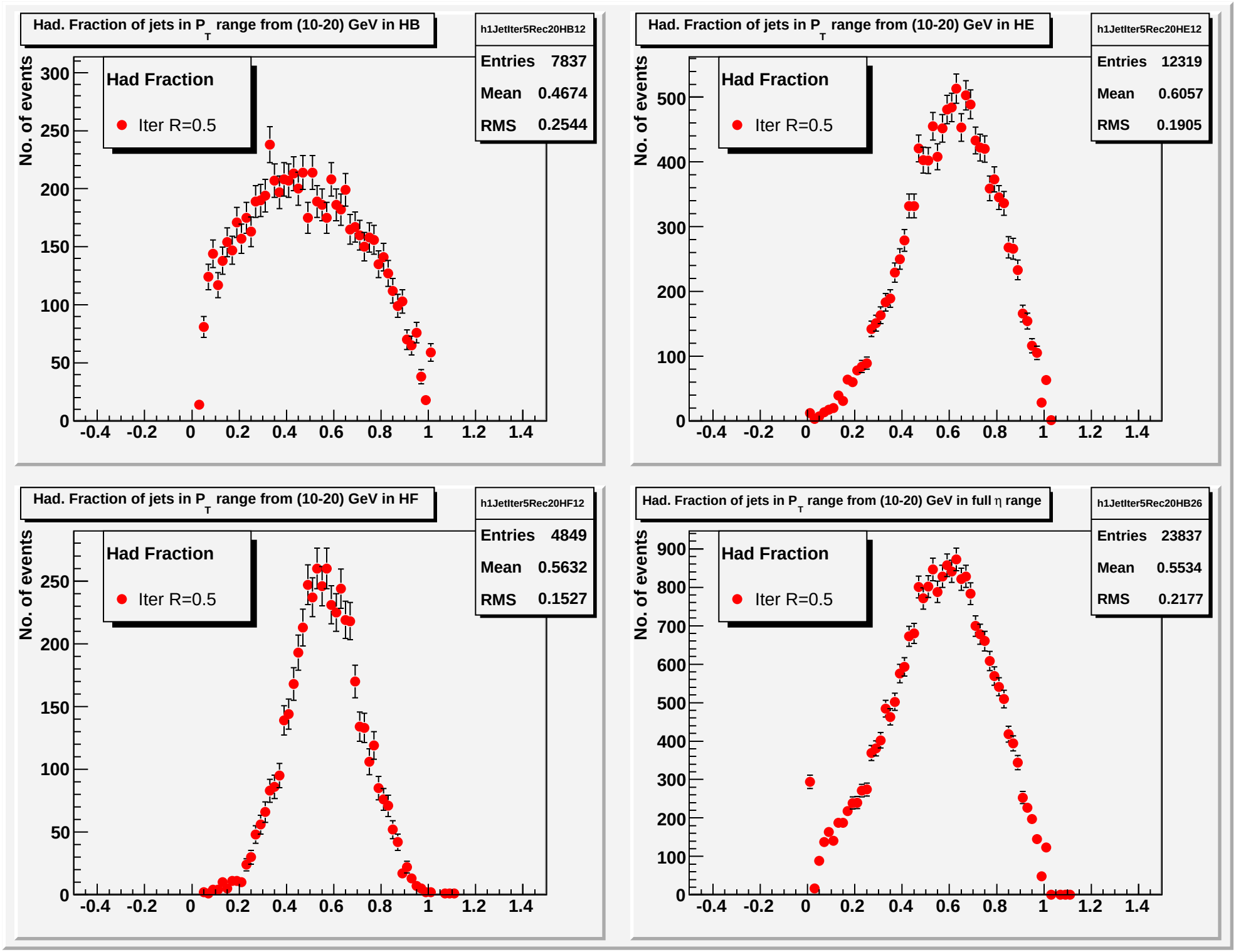

Δ ϕ resolution of jets(|η| > 1.653) in from (10-20) GeV in HB
tIter5Rec20HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 0 / 17
Prob 1
Constant -6.702e-08 ± 6.471e+01
Mean 0.3465 ± 1.4142
Sigma 4.783e-05 ± 4.208e-01
Δ ϕ
Iter R=0.5
No. of events

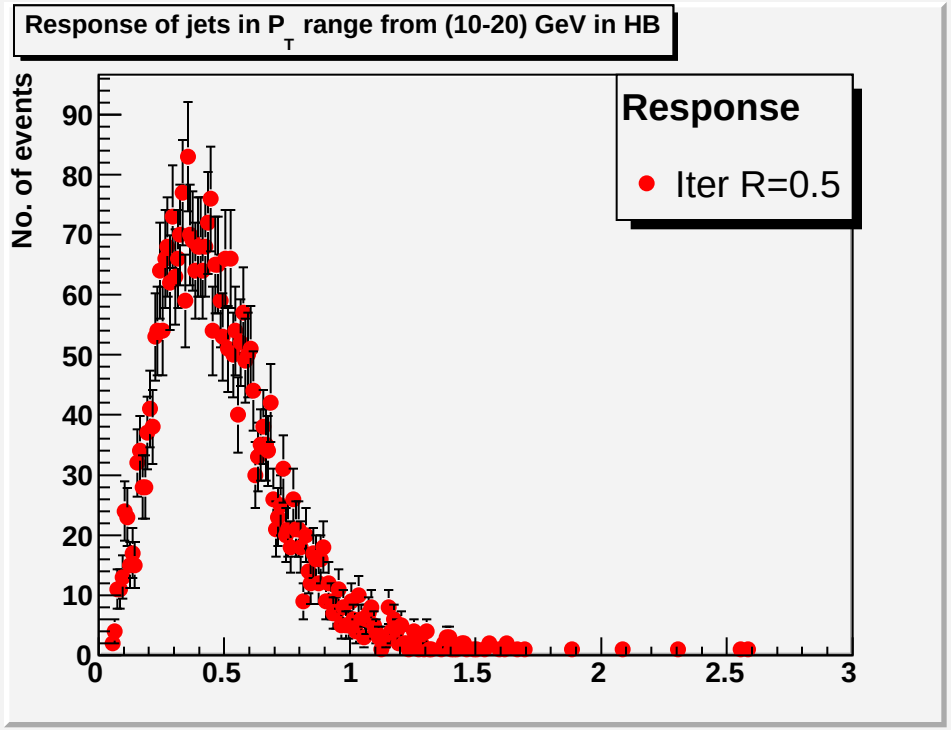

Δ ϕ resolution of jets(|η| > 1.653) in from (10-20) GeV in HE
tIter5Rec20HE10
Entries 4076
Mean 0.0004933
RMS 0.09133
χ² / ndf 1770 / 17
Prob 0
Constant 167.1 ± 0.4
Mean -0.001384 ± 0.000335
Sigma 0.1074 ± 0.0007
Δ ϕ
Iter R=0.5
No. of events

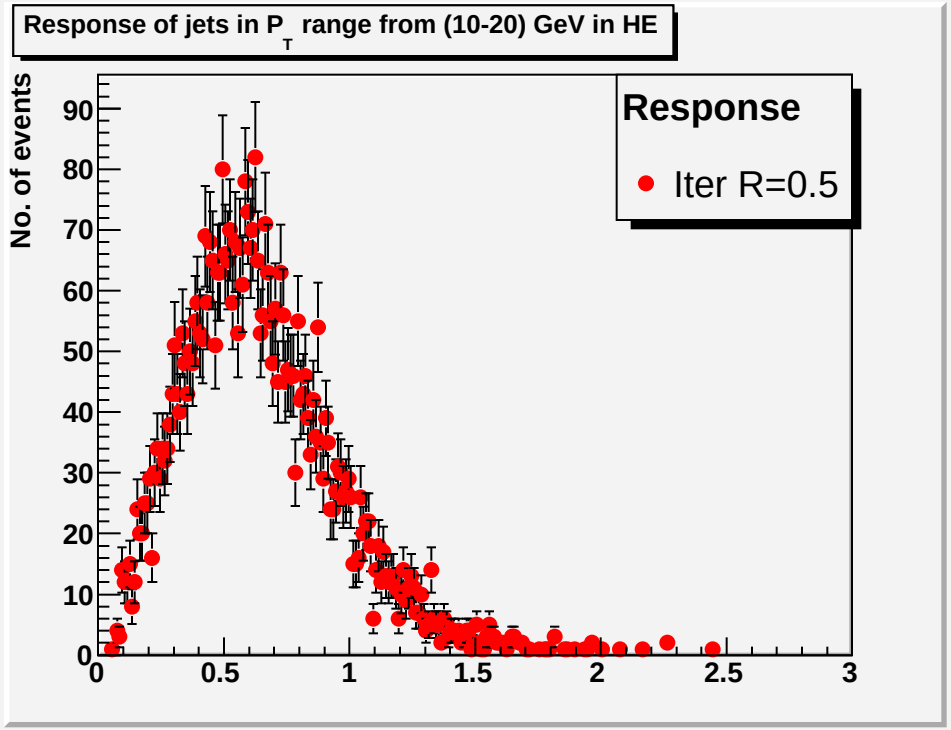

Δ ϕ resolution of jets(|η| > 1.653) in from (10-20) GeV in HF
tIter5Rec20HF10
Entries 4455
Mean -0.0004313
RMS 0.08118
χ² / ndf 3399 / 17
Prob 0
Constant 216 ± 0.4
Mean 0.002701 ± 0.000193
Sigma 0.08672 ± 0.00030
Δ ϕ
Iter R=0.5
No. of events

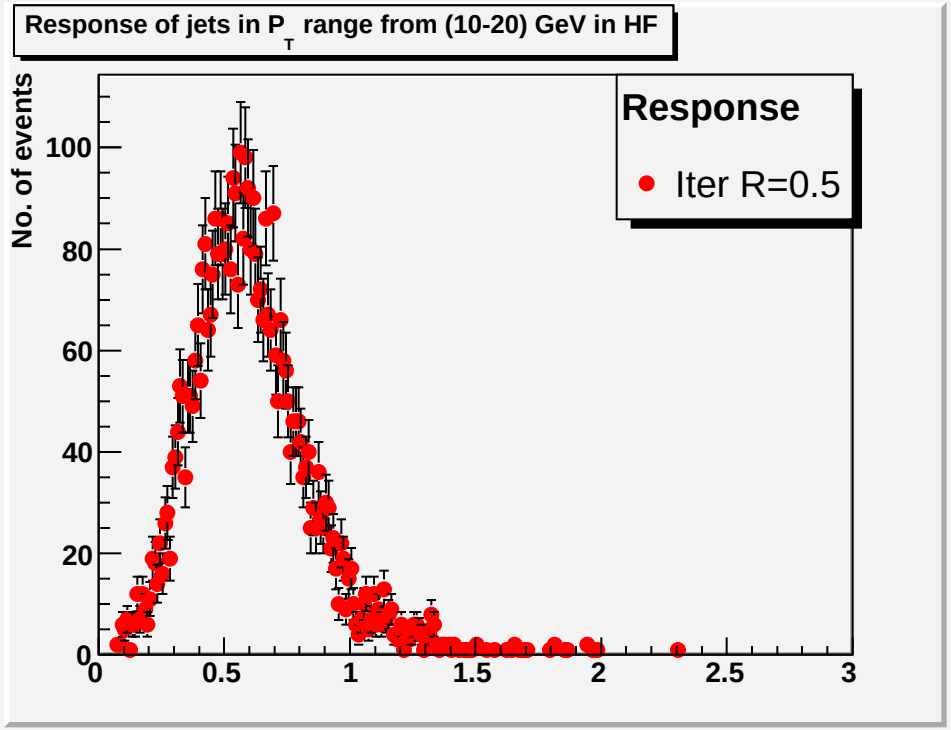

Δ ϕ resolution of jets(|η| > 1.653) in from (10-20) GeV in full η range
tIter5Rec20HB24
Entries 8067
Mean -0.000172
RMS 0.08643
χ² / ndf 3796 / 17
Prob 0
Constant 359.2 ± 0.4
Mean 0.0005347 ± 0.0001327
Sigma 0.09624 ± 0.00023
Δ ϕ
Iter R=0.5
No. of events

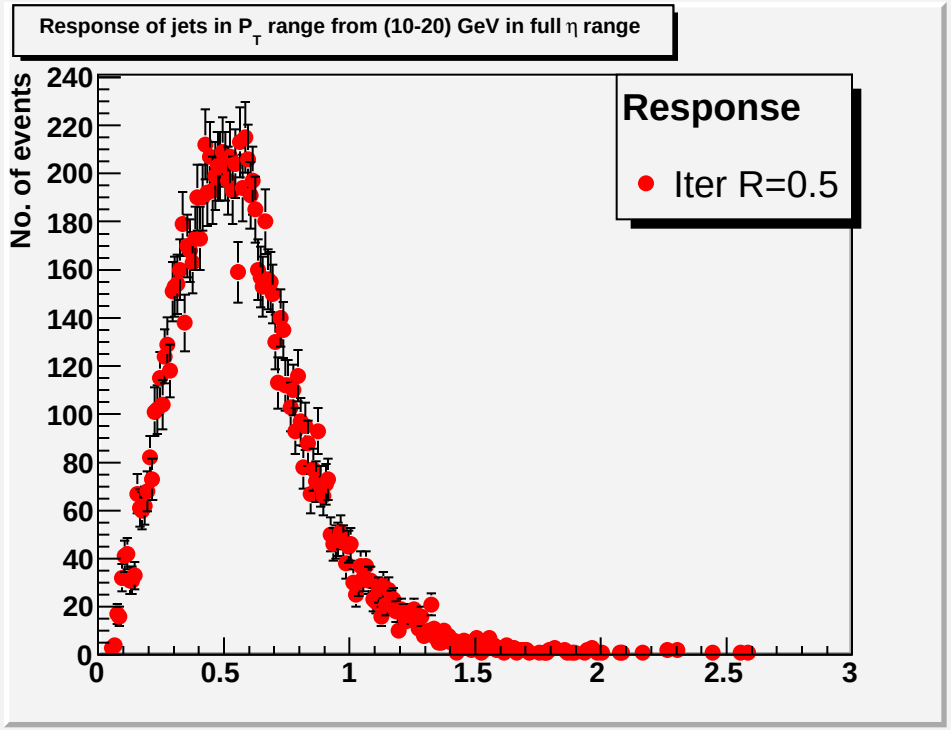

EM Fraction of jets in P_T range from (10-20) GeV in HB
h1JetIter5Rec20HB11
Entries 7837
Mean 0.5326
RMS 0.2544
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (10-20) GeV in HE
h1JetIter5Rec20HE11
Entries 12319
Mean 0.3943
RMS 0.1905
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (10-20) GeV in HF
h1JetIter5Rec20HF11
Entries 4849
Mean 0.4368
RMS 0.1527
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (10-20) GeV in full η range
h1JetIter5Rec20HB25
Entries 23837
Mean 0.4466
RMS 0.2177
EM Fraction
Iter R=0.5
No. of events

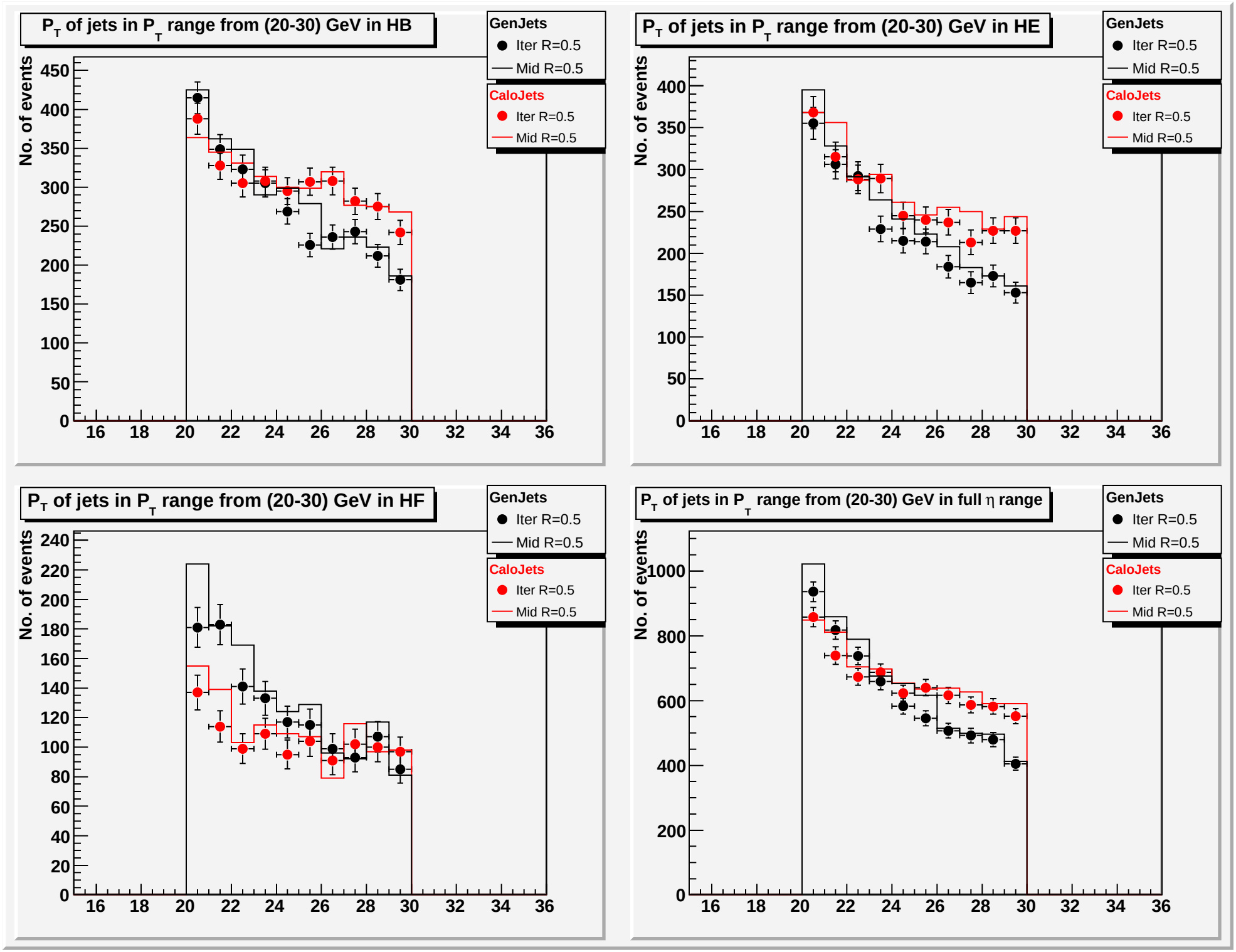

Had. Fraction of jets in P_T range from (10-20) GeV in HB
h1JetIter5Rec20HB12
Entries 7837
Mean 0.4674
RMS 0.2544
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (10-20) GeV in HE
h1JetIter5Rec20HE12
Entries 12319
Mean 0.6057
RMS 0.1905
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (10-20) GeV in HF
h1JetIter5Rec20HF12
Entries 4849
Mean 0.5632
RMS 0.1527
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (10-20) GeV in full η range
h1JetIter5Rec20HB26
Entries 23837
Mean 0.5534
RMS 0.2177
Had Fraction
Iter R=0.5
No. of events

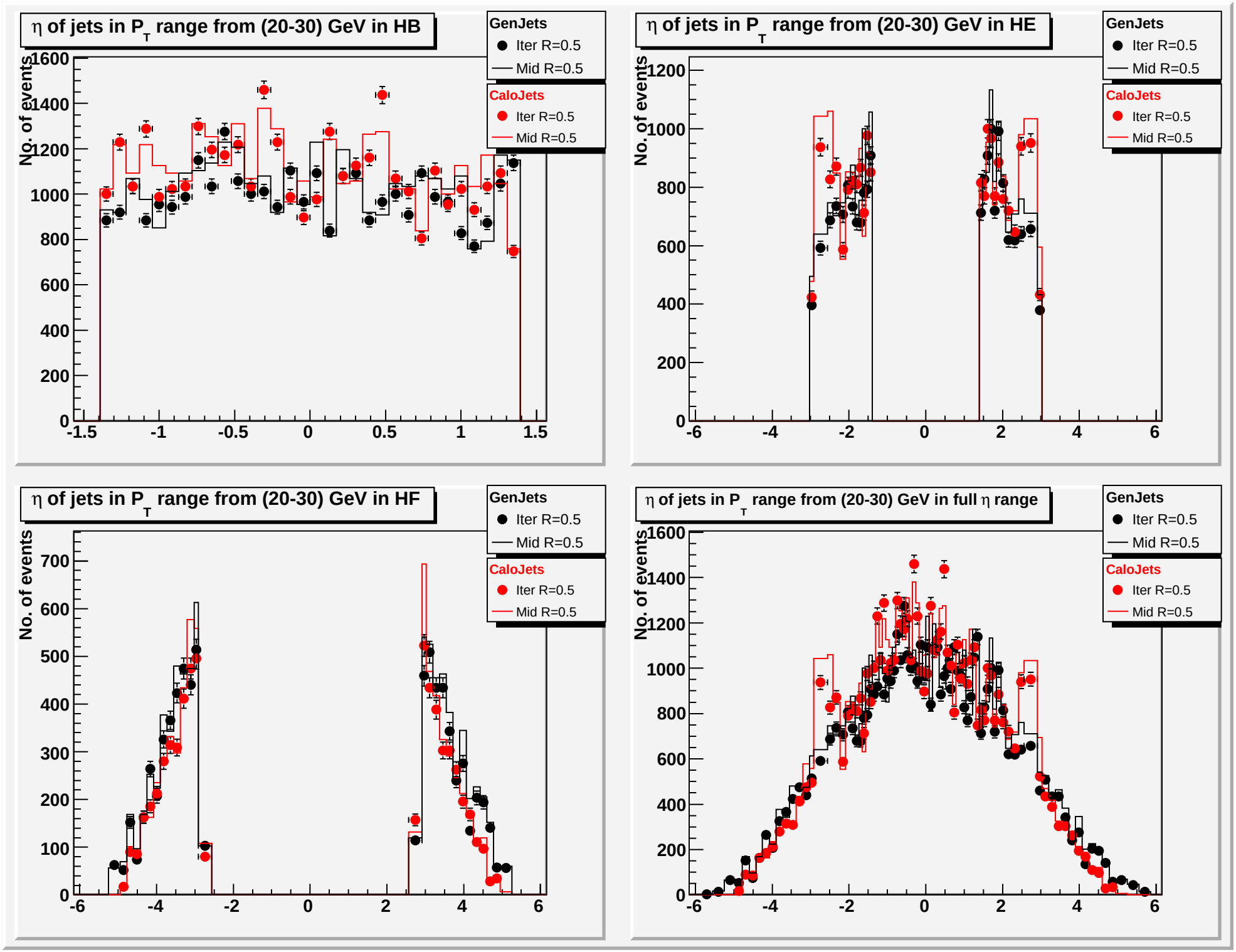

Response of jets in P_T range from (10-20) GeV in HB
No. of events
Response
Iter R=0.5

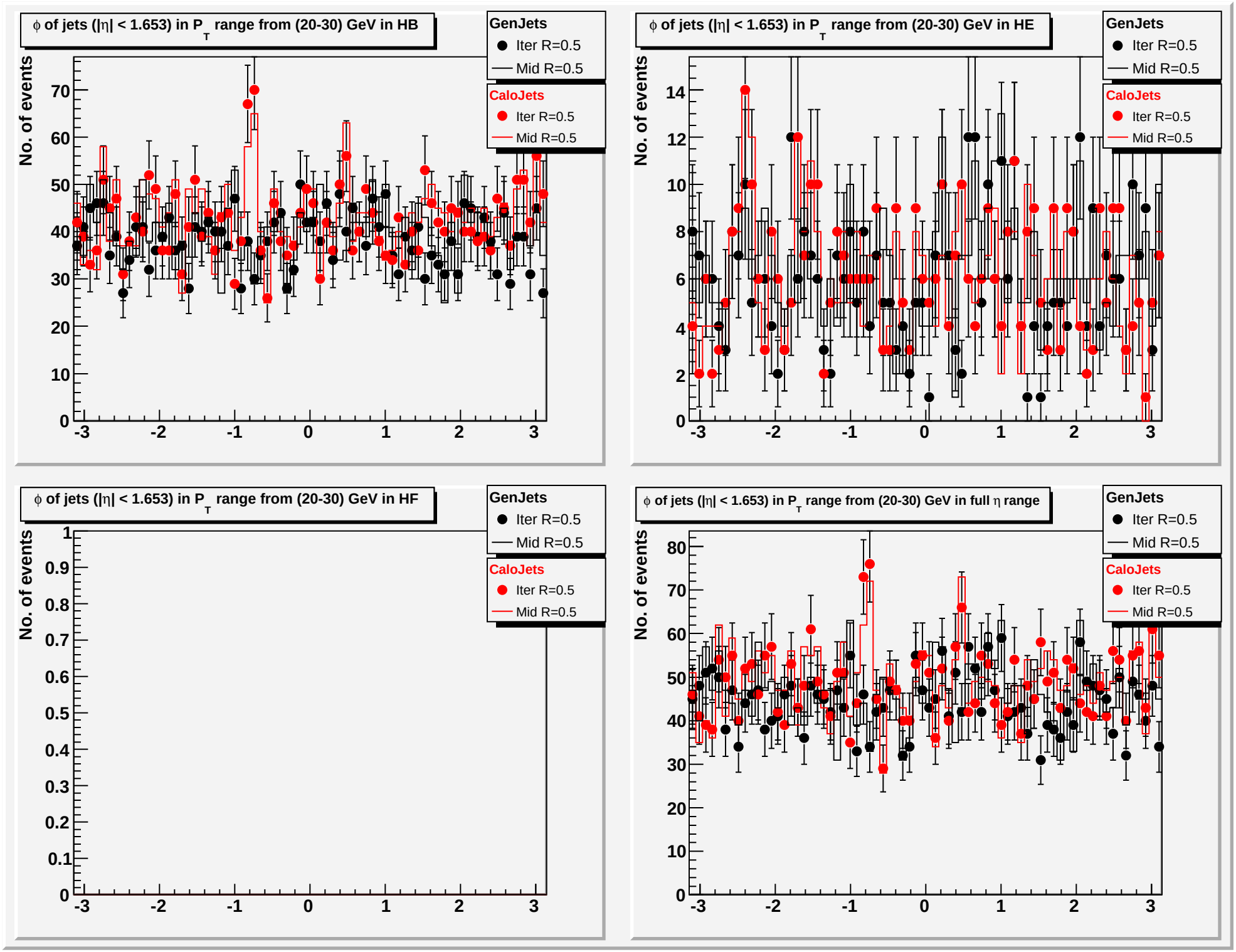

Response of jets in P_T range from (10-20) GeV in HE
No. of events
Response
Iter R=0.5

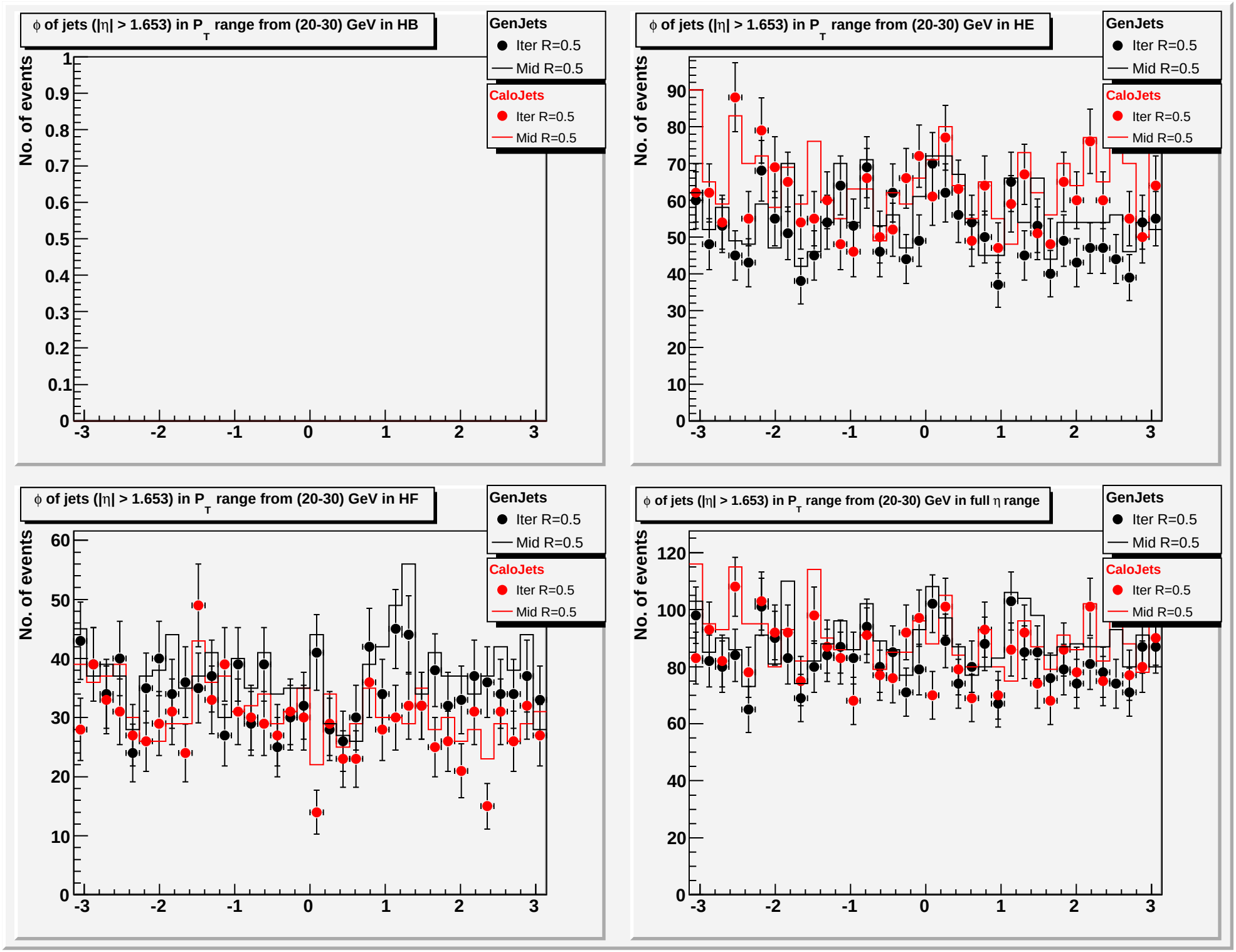

Response of jets in P_T range from (10-20) GeV in HF
No. of events
Response
Iter R=0.5

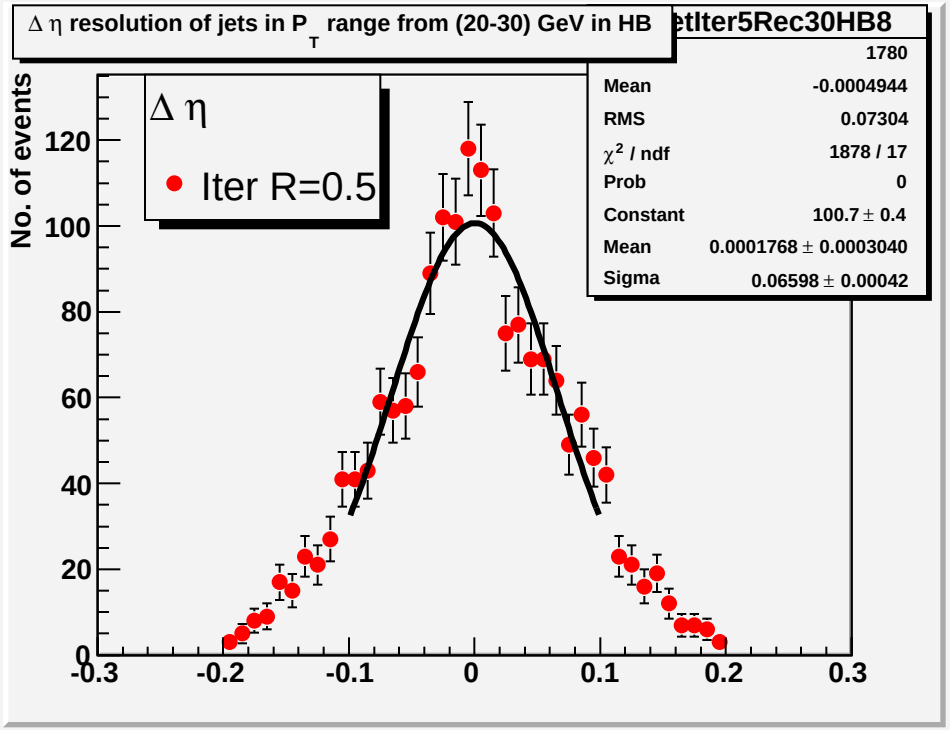

Response of jets in P_T range from (10-20) GeV in full η range
No. of events
Response
Iter R=0.5

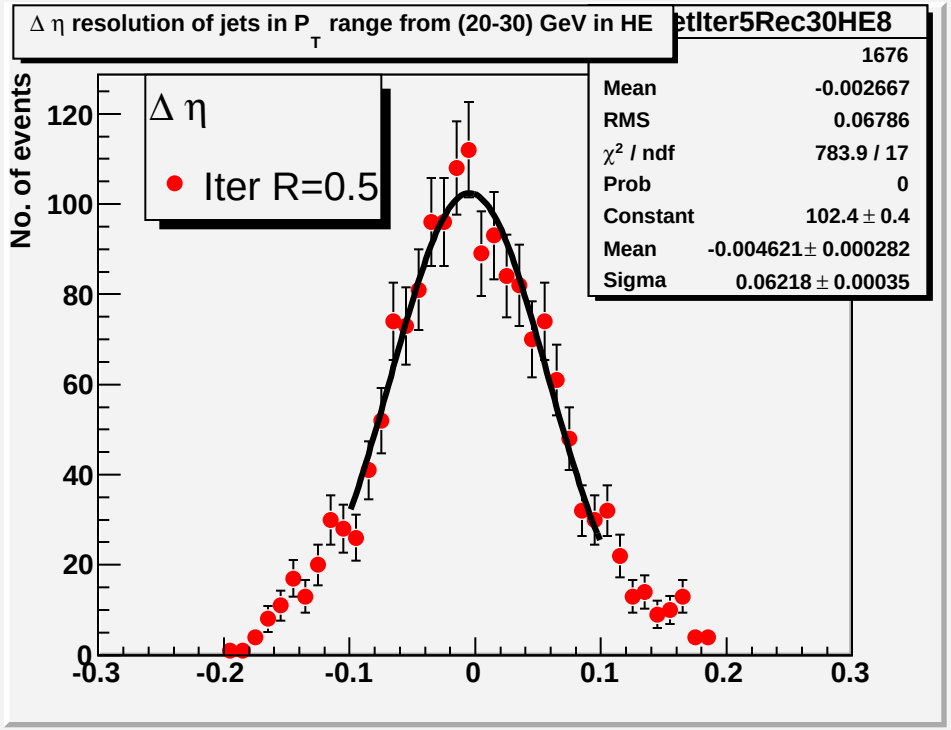

P_T of jets in P_T range from (20-30) GeV in HB
P_T of jets in P_T range from (20-30) GeV in HE
P_T of jets in P_T range from (20-30) GeV in HF
P_T of jets in P_T range from (20-30) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

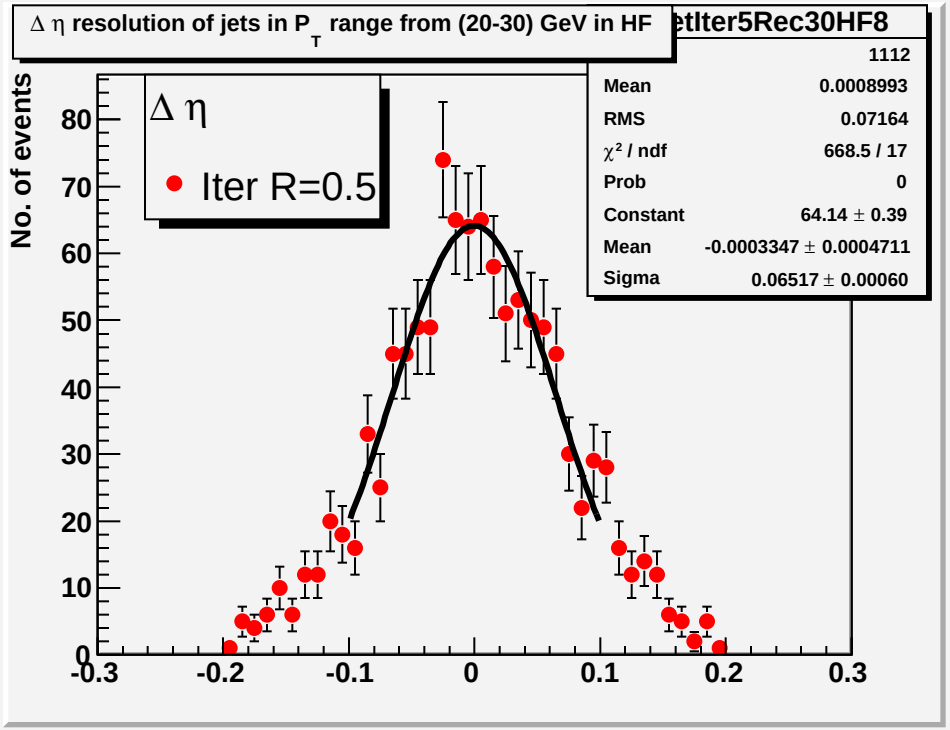

η of jets in P_T range from (20-30) GeV in HB
η of jets in P_T range from (20-30) GeV in HE
η of jets in P_T range from (20-30) GeV in HF
η of jets in P_T range from (20-30) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

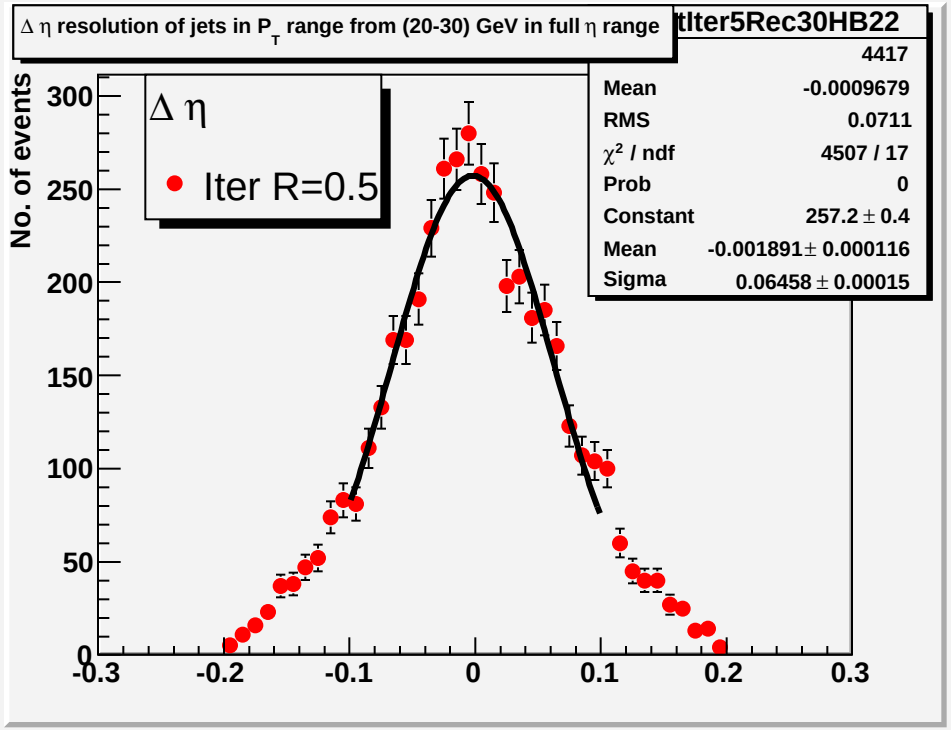

ϕ of jets (|η| < 1.653) in P_T range from (20-30) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (20-30) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (20-30) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (20-30) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

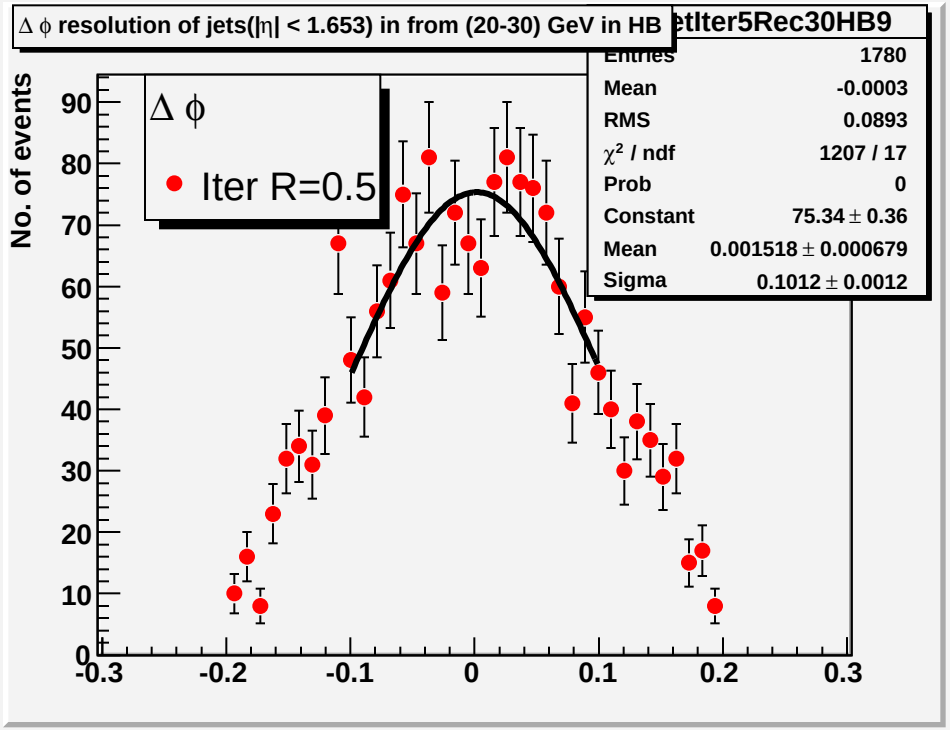

ϕ of jets (|η| > 1.653) in P_T range from (20-30) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (20-30) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (20-30) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (20-30) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

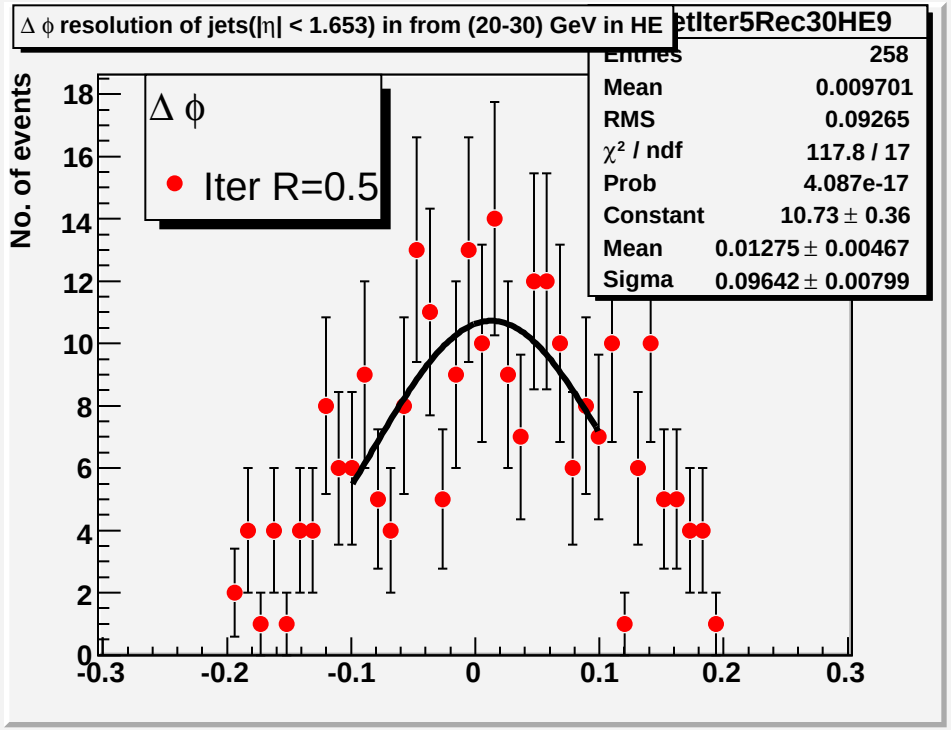

Δ η resolution of jets in P_T range from (20-30) GeV in HB
etIter5Rec30HB8
1780
Mean -0.0004944
RMS 0.07304
χ² / ndf 1878 / 17
Prob 0
Constant 100.7 ± 0.4
Mean 0.0001768 ± 0.0003040
Sigma 0.06598 ± 0.00042
Δ η
Iter R=0.5
No. of events

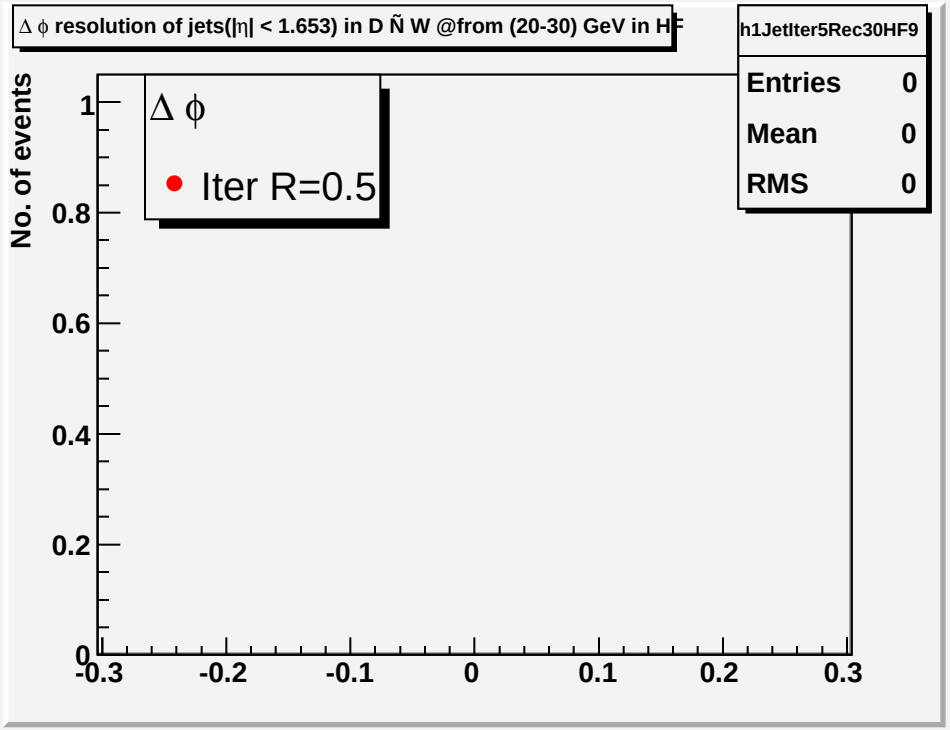

Δ η resolution of jets in P_T range from (20-30) GeV in HE
etIter5Rec30HE8
1676
Mean -0.002667
RMS 0.06786
χ² / ndf 783.9 / 17
Prob 0
Constant 102.4 ± 0.4
Mean -0.004621 ± 0.000282
Sigma 0.06218 ± 0.00035
Δ η
Iter R=0.5
No. of events

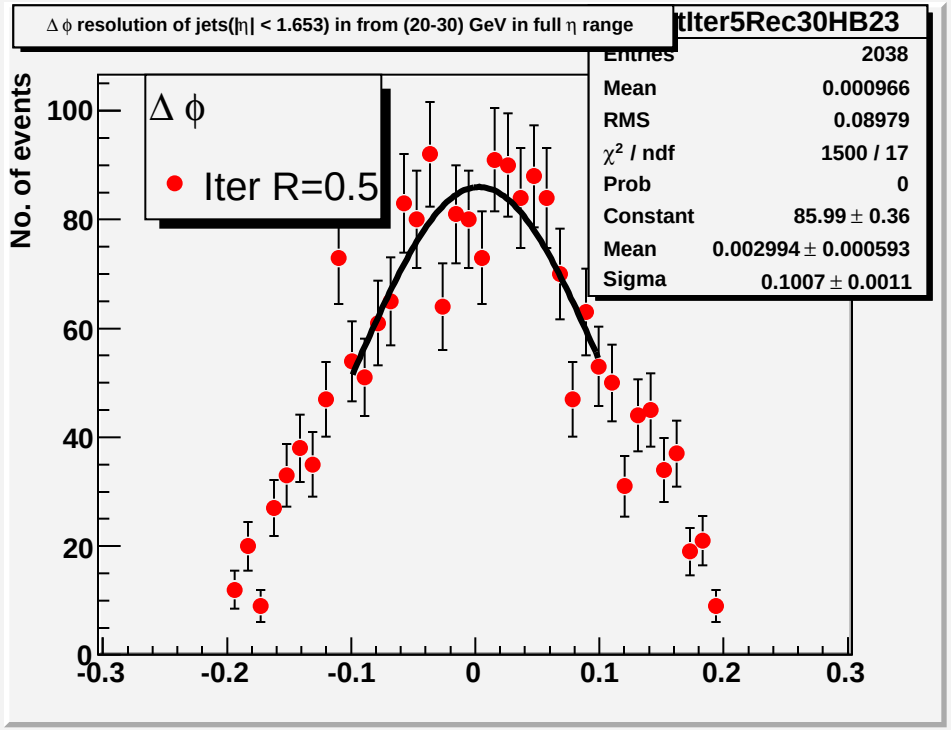

Δ η resolution of jets in P_T range from (20-30) GeV in HF
etIter5Rec30HF8
1112
Mean 0.0008993
RMS 0.07164
χ² / ndf 668.5 / 17
Prob 0
Constant 64.14 ± 0.39
Mean -0.0003347 ± 0.0004711
Sigma 0.06517 ± 0.00060
Δ η
Iter R=0.5
No. of events

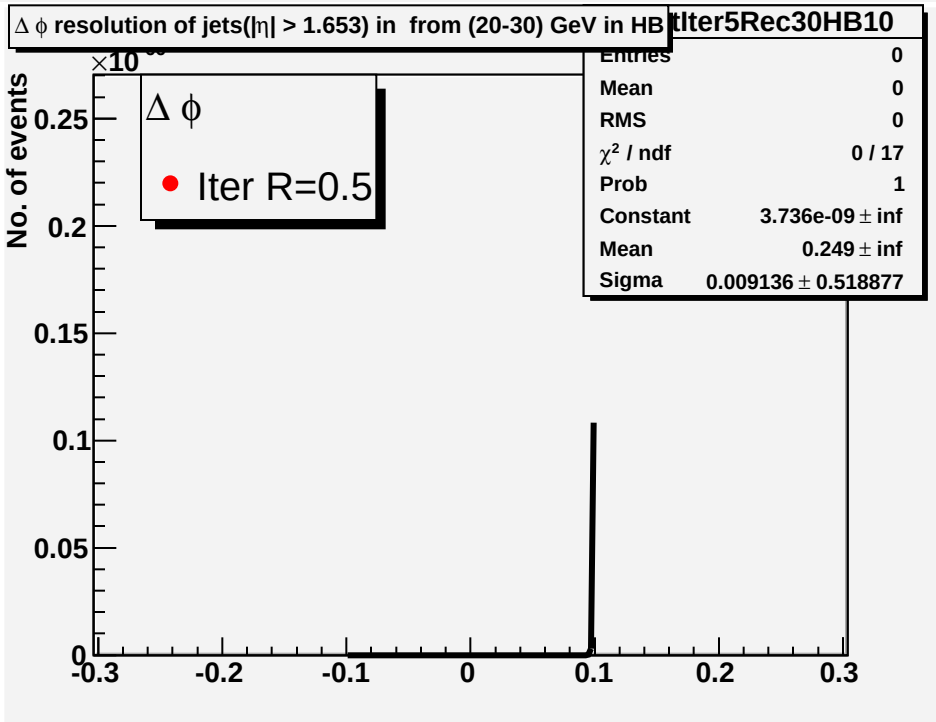

Δ η resolution of jets in P_T range from (20-30) GeV in full η range
tIter5Rec30HB22
4417
Mean -0.0009679
RMS 0.0711
χ² / ndf 4507 / 17
Prob 0
Constant 257.2 ± 0.4
Mean -0.001891 ± 0.000116
Sigma 0.06458 ± 0.00015
Δ η
Iter R=0.5
No. of events

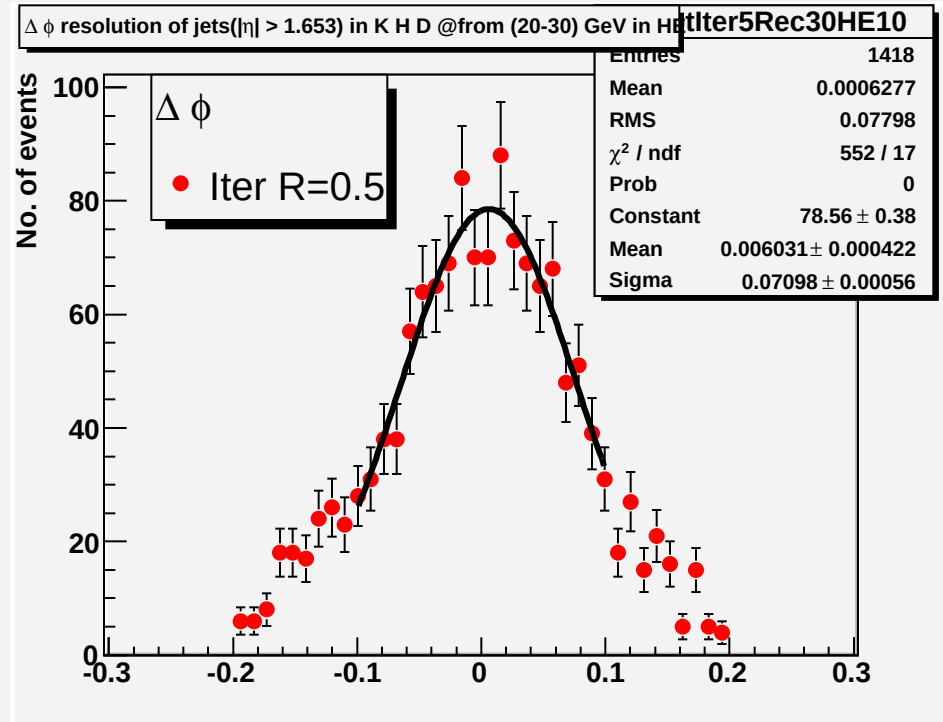

Δ φ resolution of jets(|η| < 1.653) in from (20-30) GeV in HB
etIter5Rec30HB9
Entries 1780
Mean -0.0003
RMS 0.0893
χ² / ndf 1207 / 17
Prob 0
Constant 75.34 ± 0.36
Mean 0.001518 ± 0.000679
Sigma 0.1012 ± 0.0012
Δ φ
Iter R=0.5
No. of events

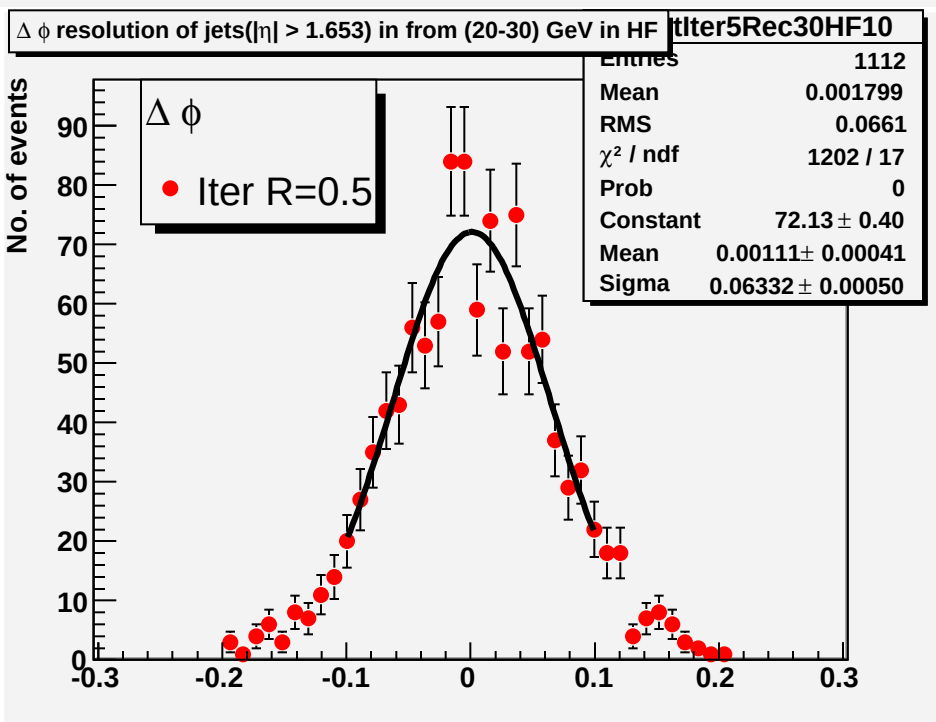

Δ φ resolution of jets(|η| < 1.653) in from (20-30) GeV in HE
etIter5Rec30HE9
Entries 258
Mean 0.009701
RMS 0.09265
χ² / ndf 117.8 / 17
Prob 4.087e-17
Constant 10.73 ± 0.36
Mean 0.01275 ± 0.00467
Sigma 0.09642 ± 0.00799
Δ φ
Iter R=0.5
No. of events

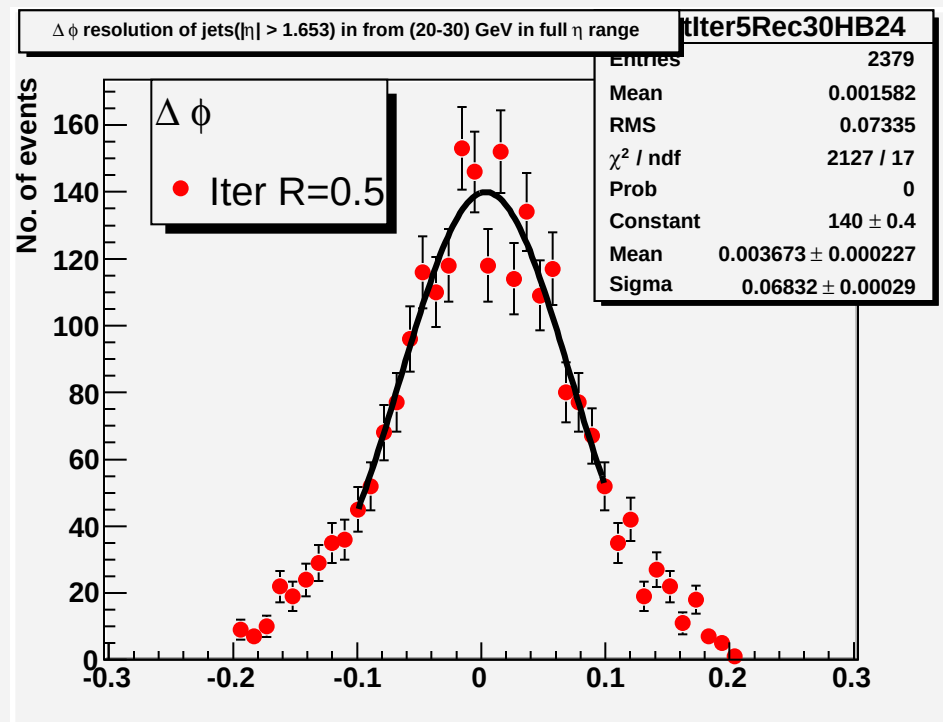

Δ φ resolution of jets(|η| < 1.653) in D Ñ W @from (20-30) GeV in HF
h1JetIter5Rec30HF9
Entries 0
Mean 0
RMS 0
Δ φ
Iter R=0.5
No. of events

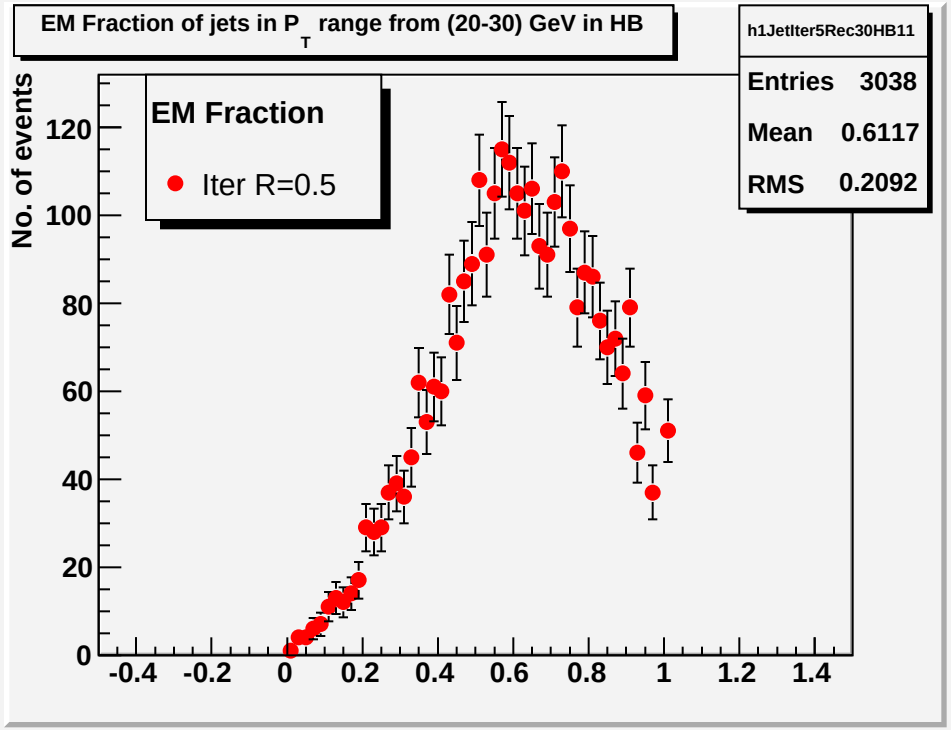

Δ φ resolution of jets(|η| < 1.653) in from (20-30) GeV in full η range
tIter5Rec30HB23
Entries 2038
Mean 0.000966
RMS 0.08979
χ² / ndf 1500 / 17
Prob 0
Constant 85.99 ± 0.36
Mean 0.002994 ± 0.000593
Sigma 0.1007 ± 0.0011
Δ φ
Iter R=0.5
No. of events

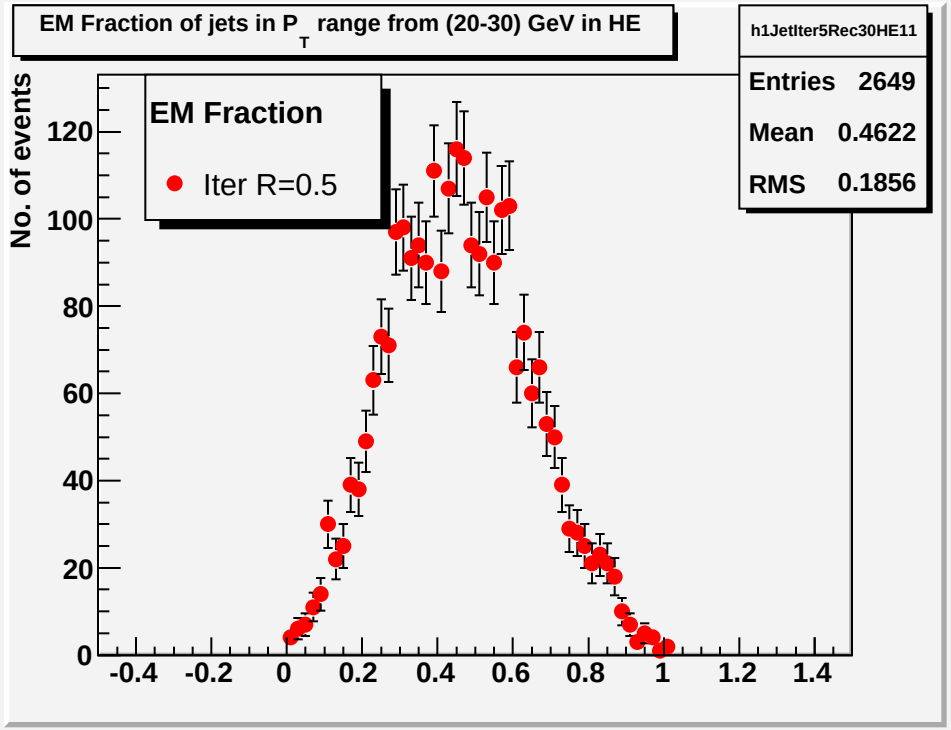

Δ ϕ resolution of jets(|η| > 1.653) in from (20-30) GeV in HB
tIter5Rec30HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 0 / 17
Prob 1
Constant 3.736e-09 ± inf
Mean 0.249 ± inf
Sigma 0.009136 ± 0.518877
Δ ϕ
Iter R=0.5
No. of events

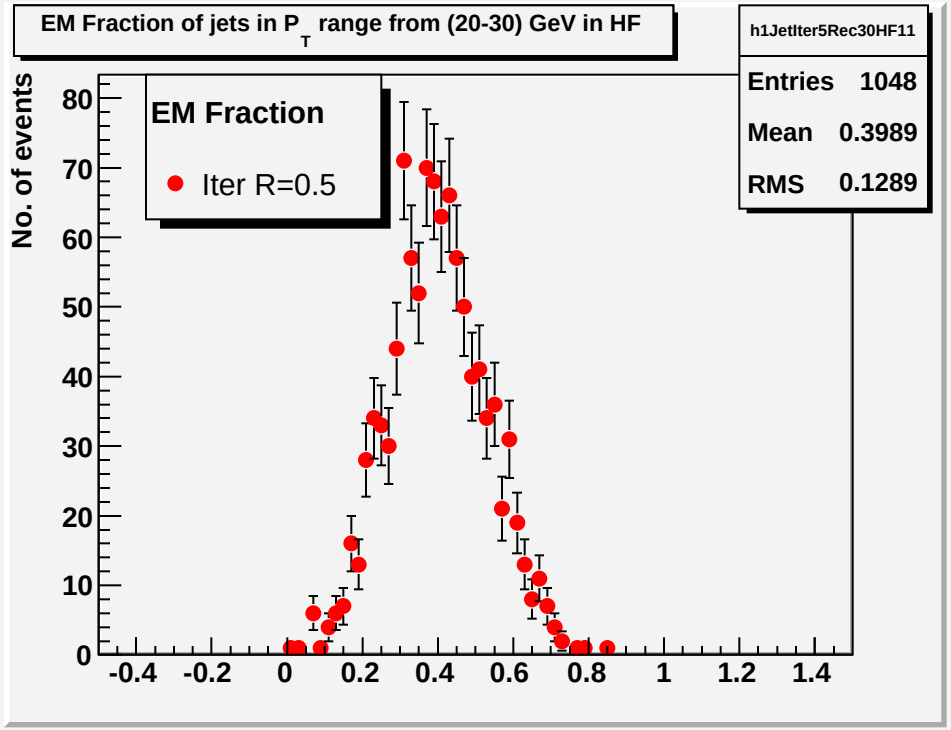

Δ ϕ resolution of jets(|η| > 1.653) in K H D @from (20-30) GeV in HE
tIter5Rec30HE10
Entries 1418
Mean 0.0006277
RMS 0.07798
χ² / ndf 552 / 17
Prob 0
Constant 78.56 ± 0.38
Mean 0.006031 ± 0.000422
Sigma 0.07098 ± 0.00056
Δ ϕ
Iter R=0.5
No. of events

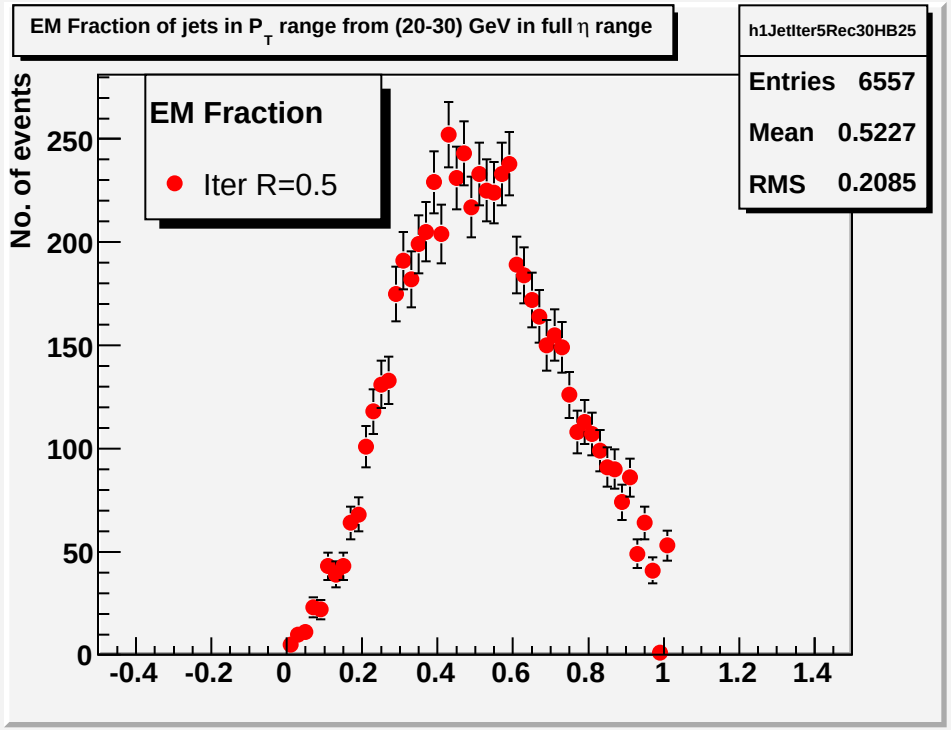

Δ ϕ resolution of jets(|η| > 1.653) in from (20-30) GeV in HF
tIter5Rec30HF10
Entries 1112
Mean 0.001799
RMS 0.0661
χ² / ndf 1202 / 17
Prob 0
Constant 72.13 ± 0.40
Mean 0.00111 ± 0.00041
Sigma 0.06332 ± 0.00050
Δ ϕ
Iter R=0.5
No. of events

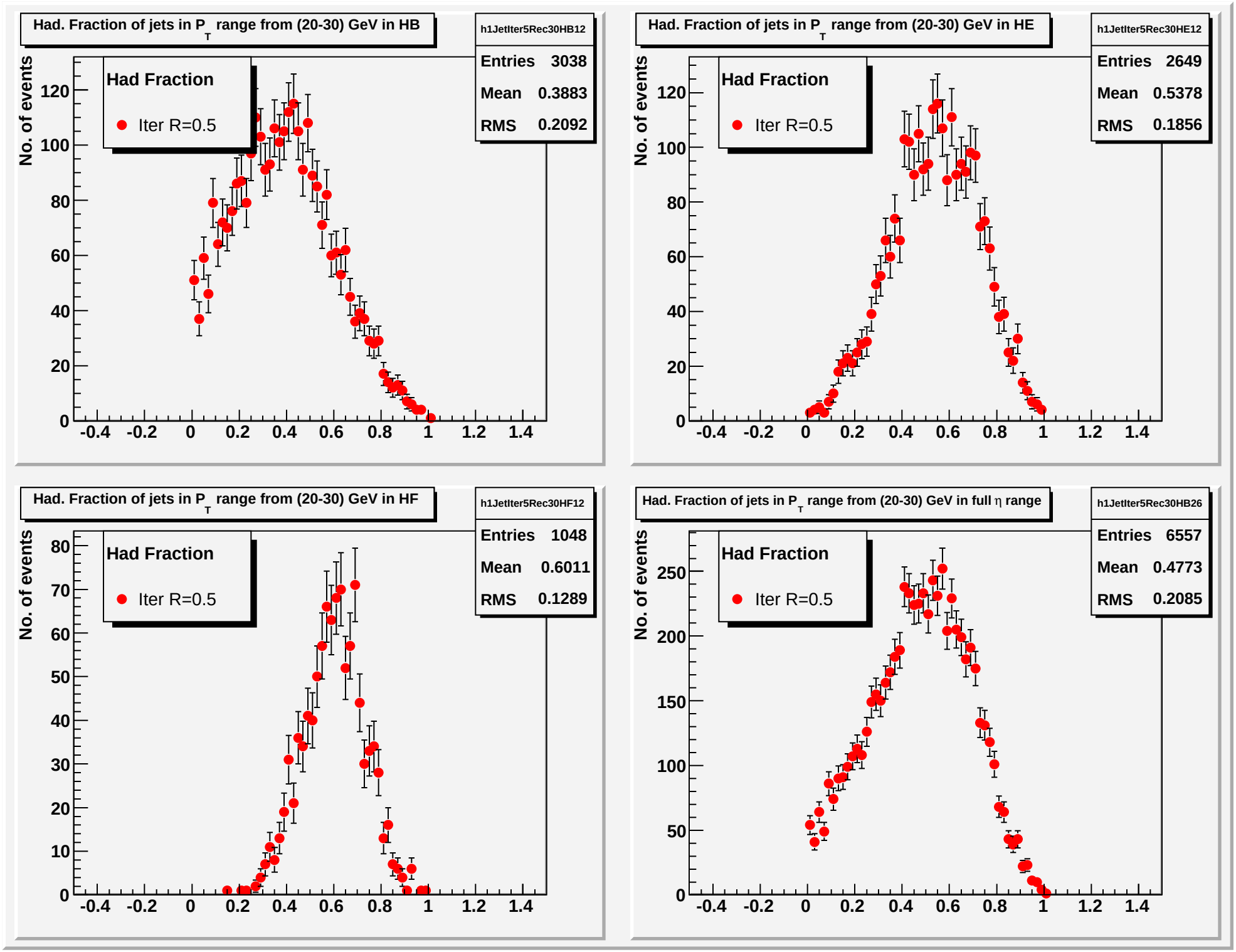

Δ ϕ resolution of jets(|η| > 1.653) in from (20-30) GeV in full η range
tIter5Rec30HB24
Entries 2379
Mean 0.001582
RMS 0.07335
χ² / ndf 2127 / 17
Prob 0
Constant 140 ± 0.4
Mean 0.003673 ± 0.000227
Sigma 0.06832 ± 0.00029
Δ ϕ
Iter R=0.5
No. of events

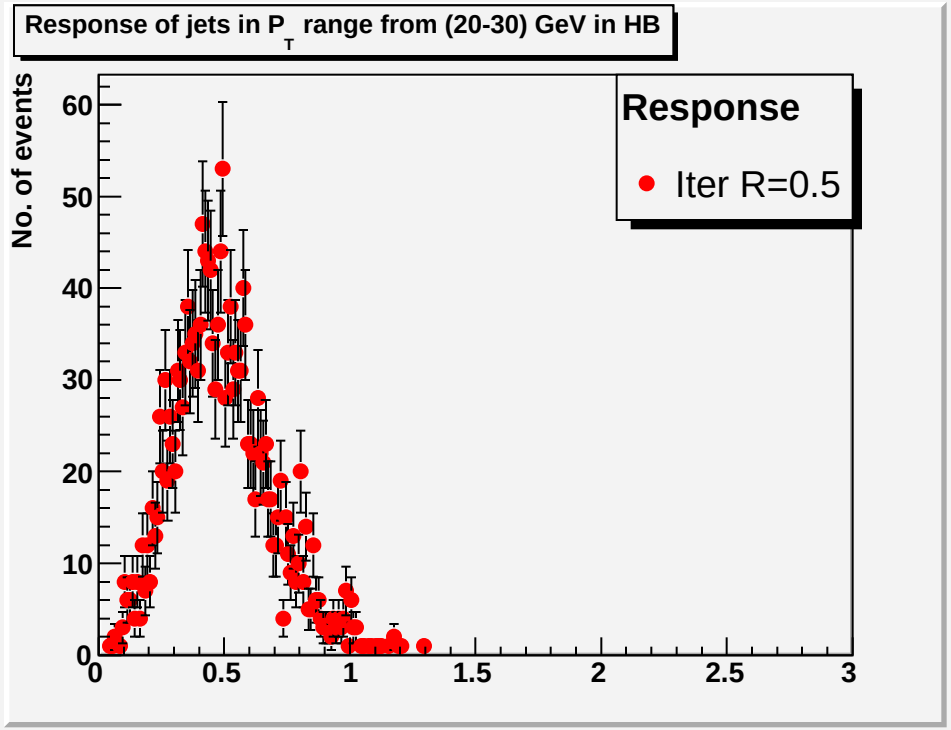

EM Fraction of jets in P_T range from (20-30) GeV in HB
h1JetIter5Rec30HB11
Entries 3038
Mean 0.6117
RMS 0.2092
EM Fraction
Iter R=0.5
No. of events

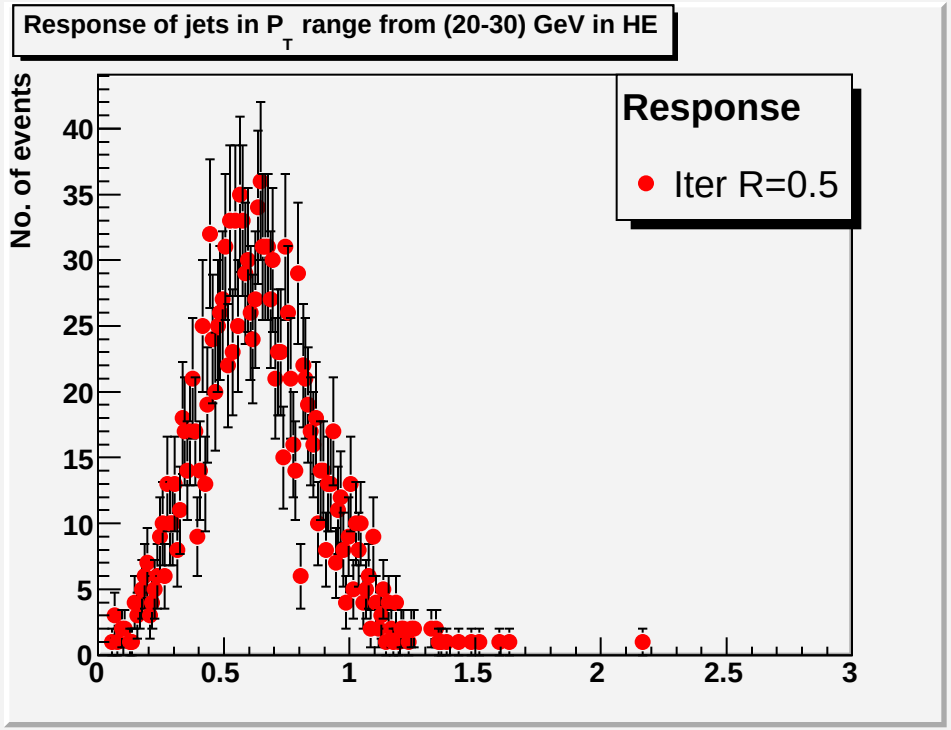

EM Fraction of jets in P_T range from (20-30) GeV in HE
h1JetIter5Rec30HE11
Entries 2649
Mean 0.4622
RMS 0.1856
EM Fraction
Iter R=0.5
No. of events

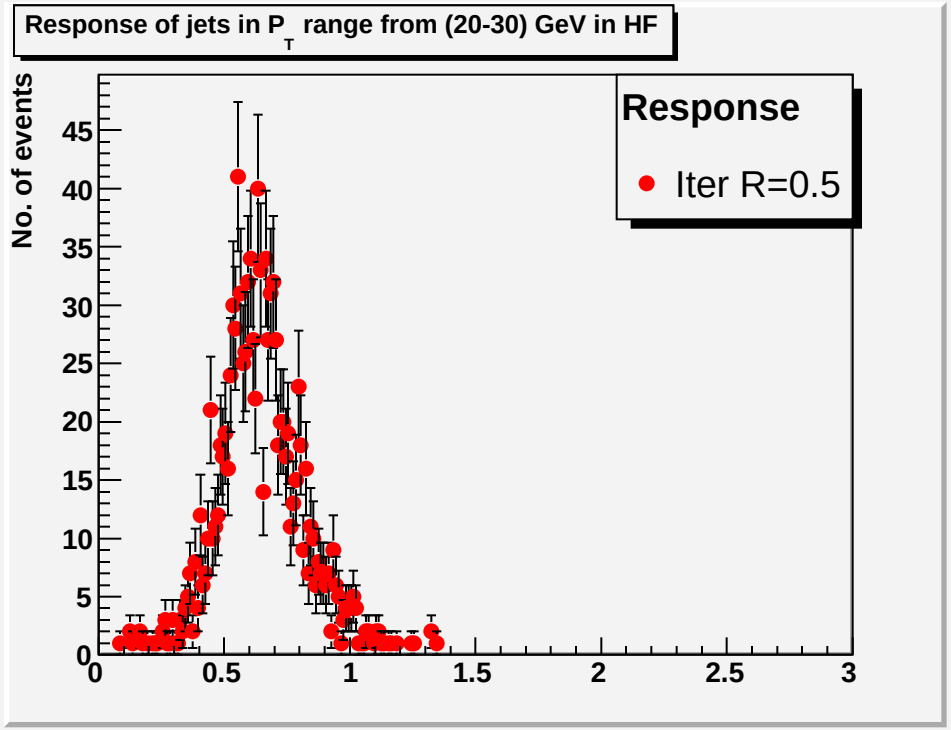

EM Fraction of jets in P_T range from (20-30) GeV in HF
h1JetIter5Rec30HF11
Entries 1048
Mean 0.3989
RMS 0.1289
EM Fraction
Iter R=0.5
No. of events

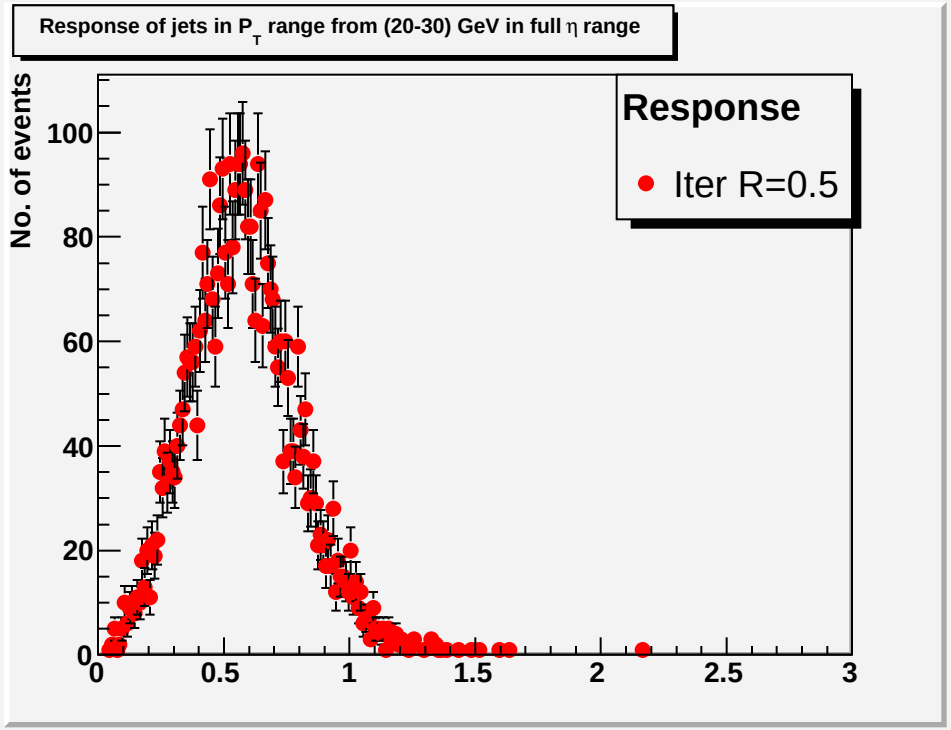

EM Fraction of jets in P_T range from (20-30) GeV in full η range
h1JetIter5Rec30HB25
Entries 6557
Mean 0.5227
RMS 0.2085
EM Fraction
Iter R=0.5
No. of events

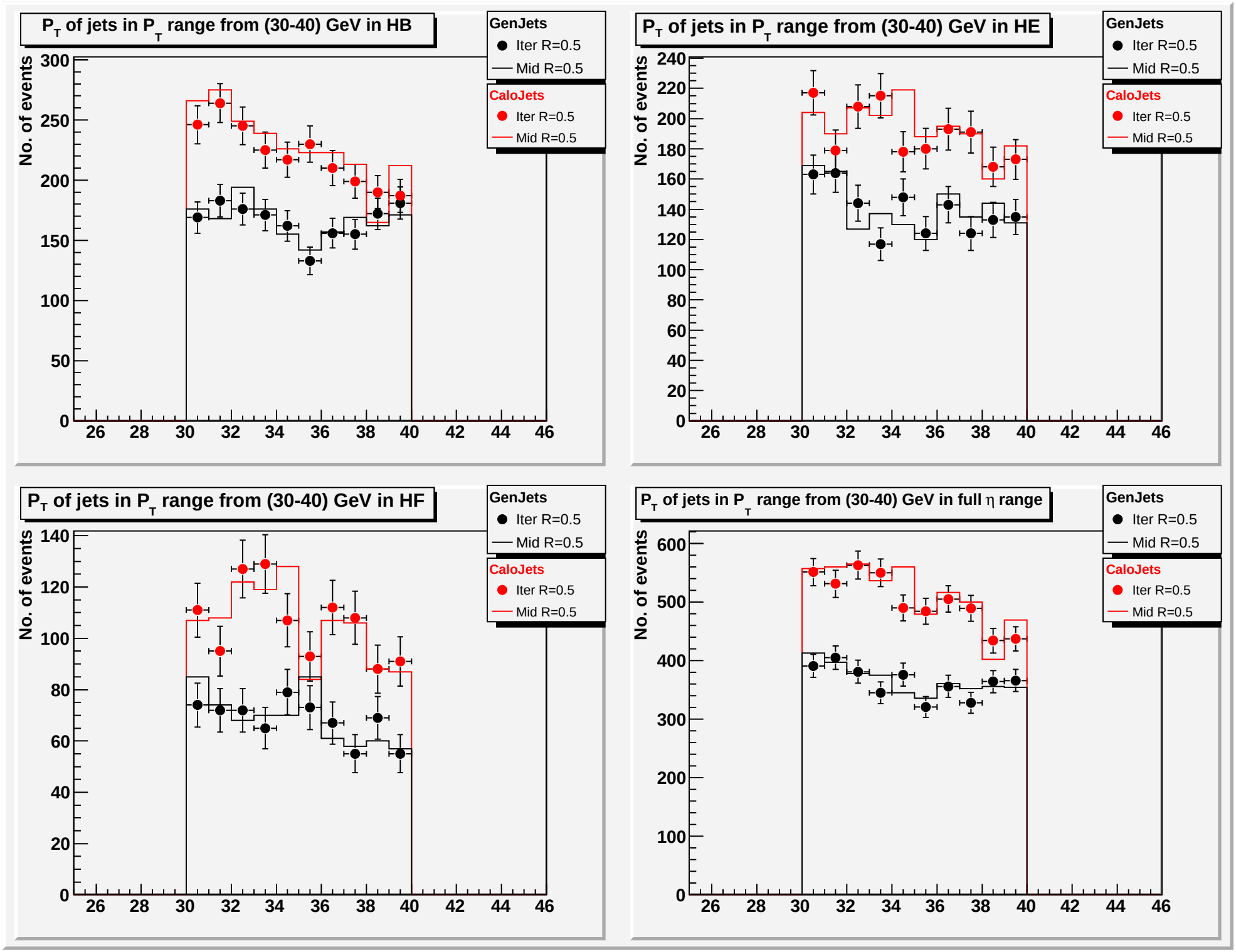

Had. Fraction of jets in P_T range from (20-30) GeV in HB
h1JetIter5Rec30HB12
Entries 3038
Mean 0.3883
RMS 0.2092
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (20-30) GeV in HE
h1JetIter5Rec30HE12
Entries 2649
Mean 0.5378
RMS 0.1856
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (20-30) GeV in HF
h1JetIter5Rec30HF12
Entries 1048
Mean 0.6011
RMS 0.1289
Had Fraction
Iter R=0.5
No. of events
Had. Fraction of jets in P_T range from (20-30) GeV in full η range
h1JetIter5Rec30HB26
Entries 6557
Mean 0.4773
RMS 0.2085
Had Fraction
Iter R=0.5
No. of events

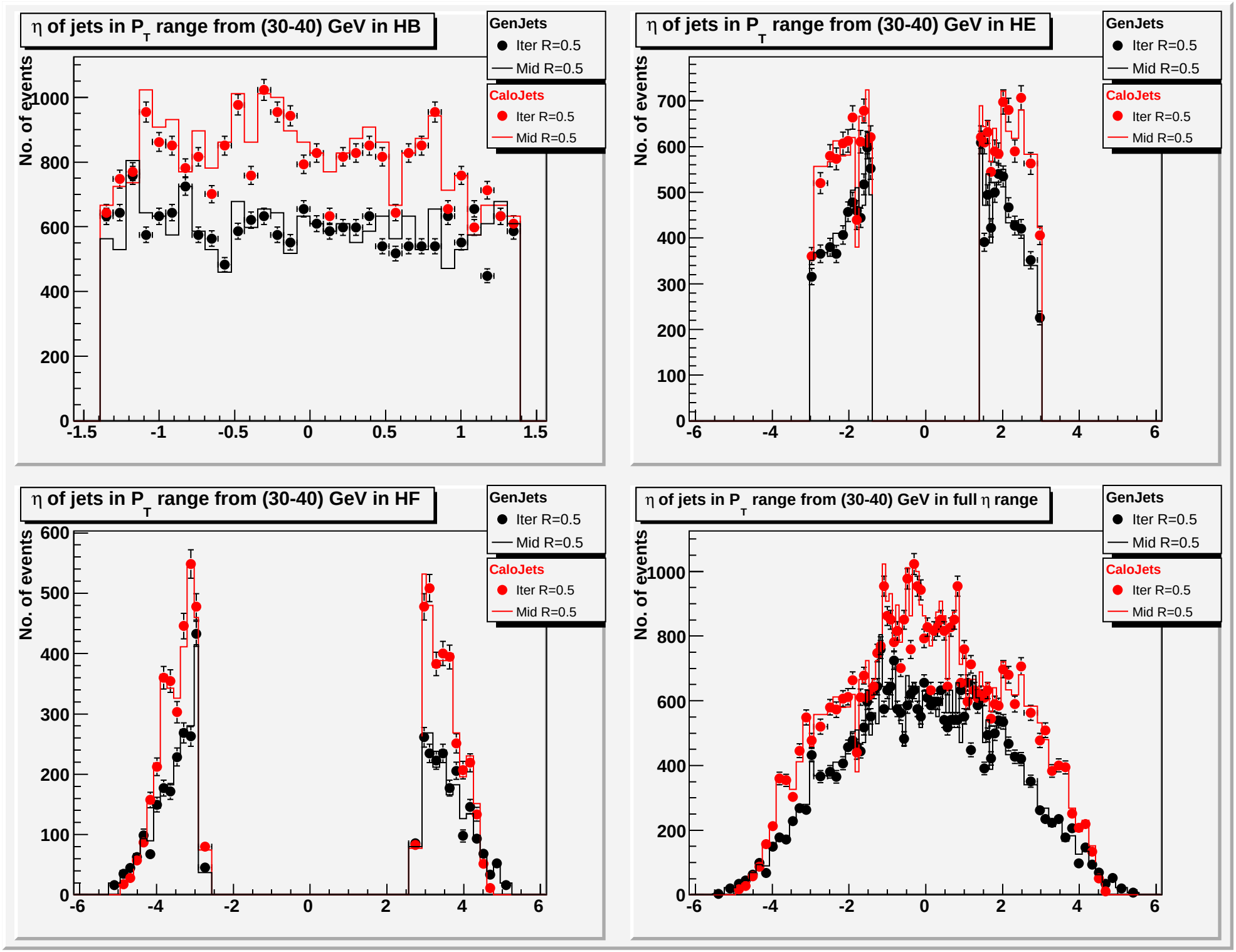

Response of jets in P_T range from (20-30) GeV in HB
No. of events
Response
Iter R=0.5

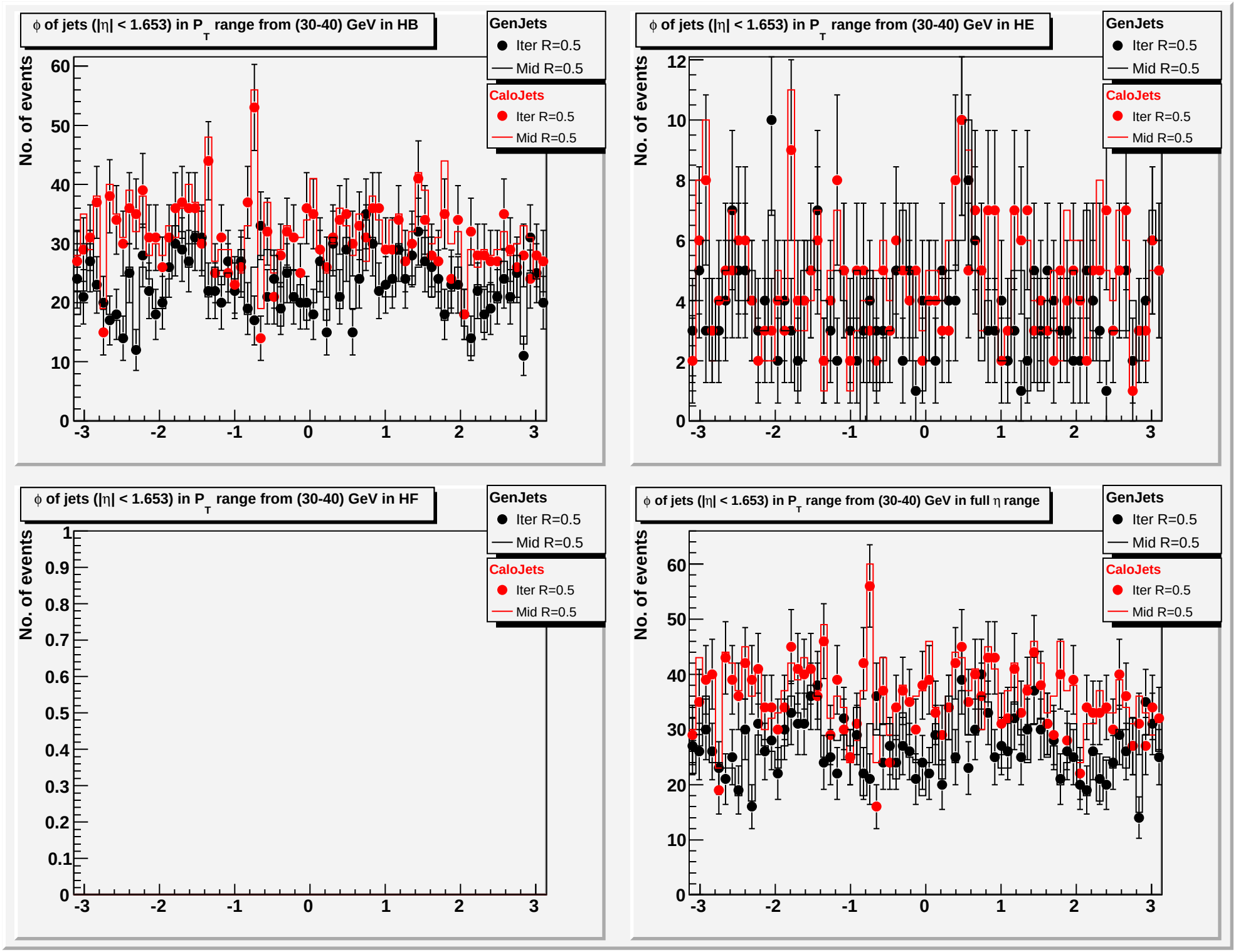

Response of jets in P_T range from (20-30) GeV in HE
No. of events
Response
Iter R=0.5

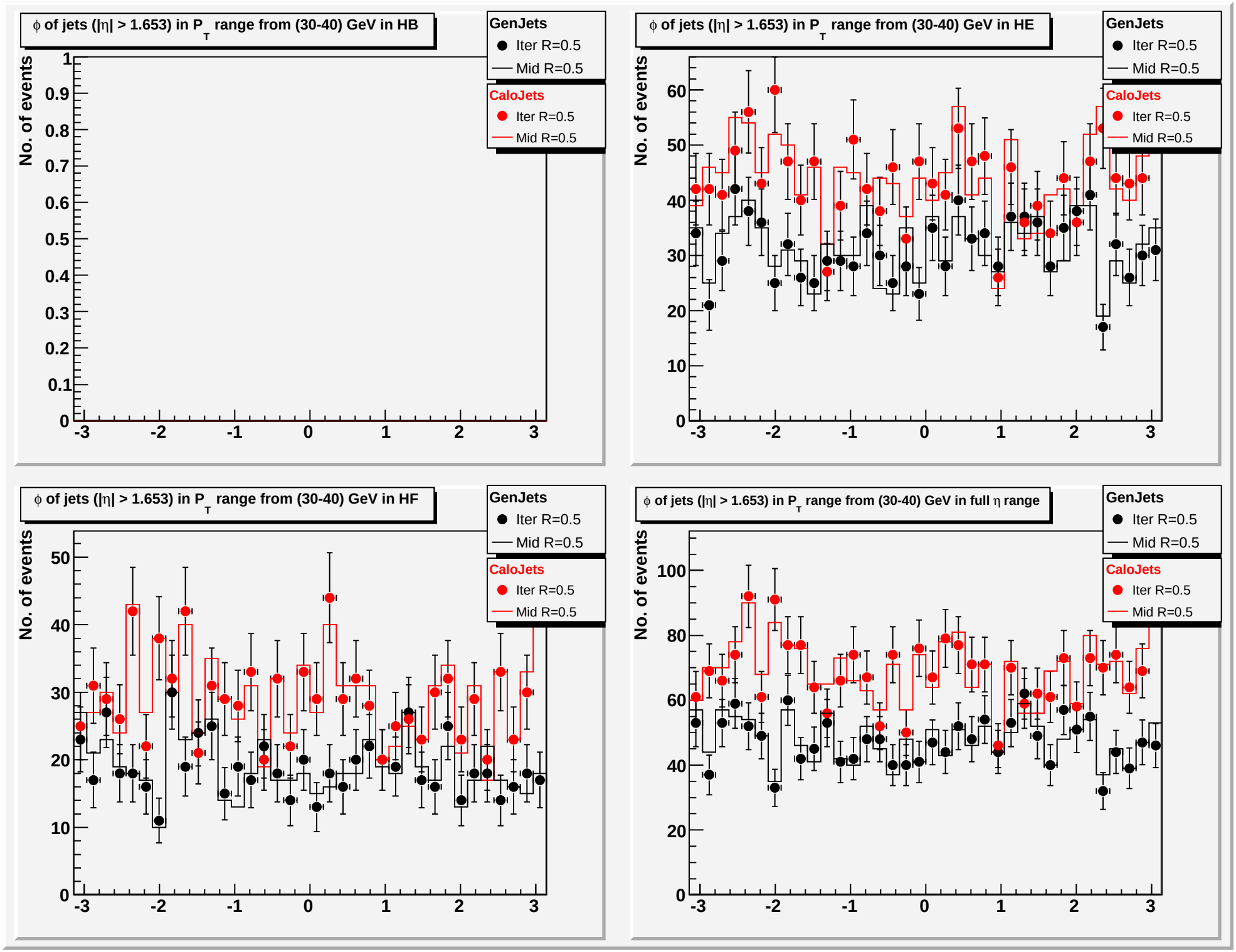

Response of jets in P_T range from (20-30) GeV in HF
No. of events
Response
Iter R=0.5

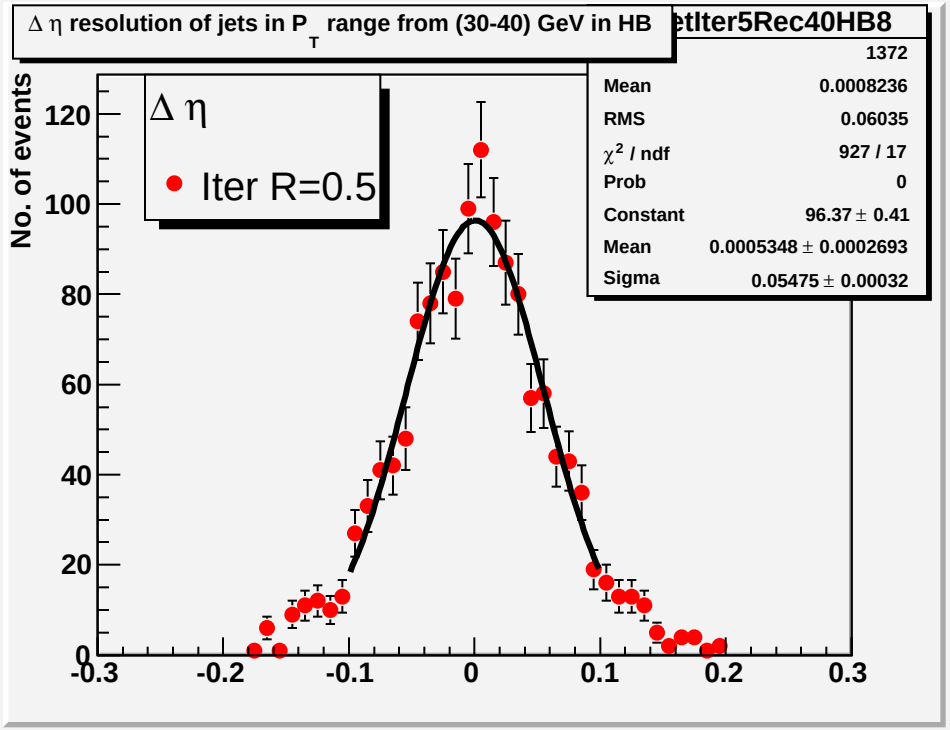

Response of jets in P_T range from (20-30) GeV in full η range
No. of events
Response
Iter R=0.5

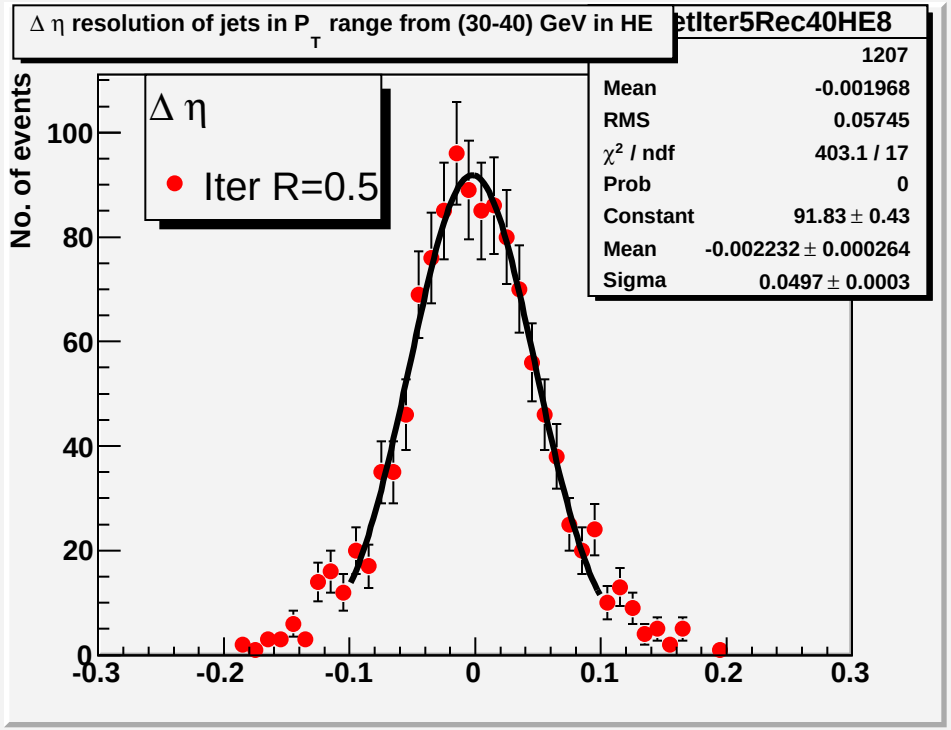

P_T of jets in P_T range from (30-40) GeV in HB
P_T of jets in P_T range from (30-40) GeV in HE
P_T of jets in P_T range from (30-40) GeV in HF
P_T of jets in P_T range from (30-40) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

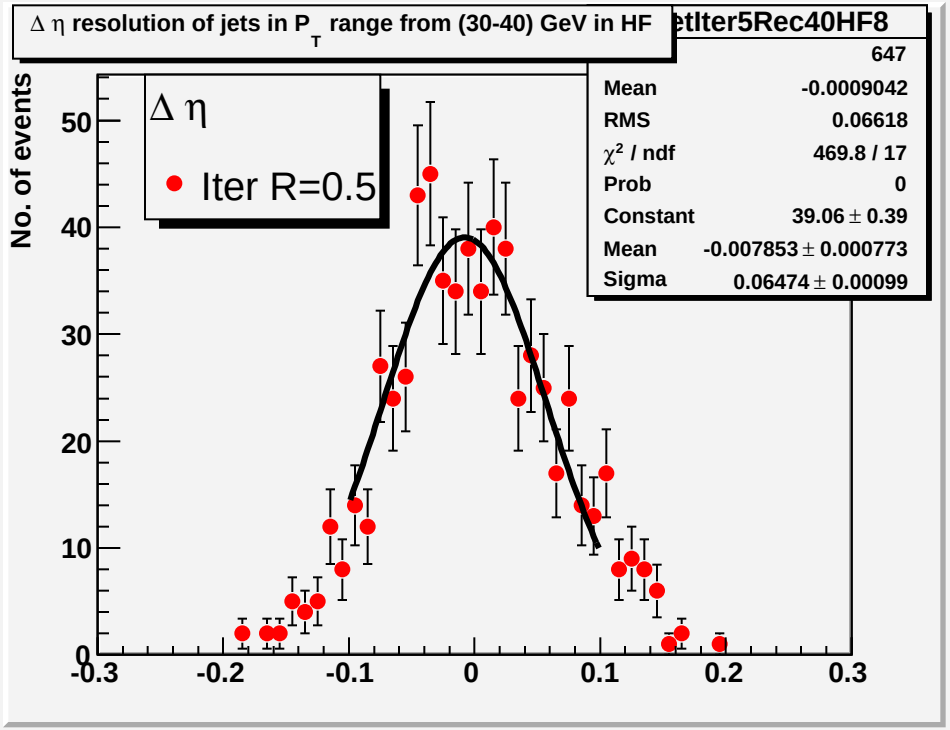

η of jets in P_T range from (30-40) GeV in HB
η of jets in P_T range from (30-40) GeV in HE
η of jets in P_T range from (30-40) GeV in HF
η of jets in P_T range from (30-40) GeV in full η range
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5
No. of events

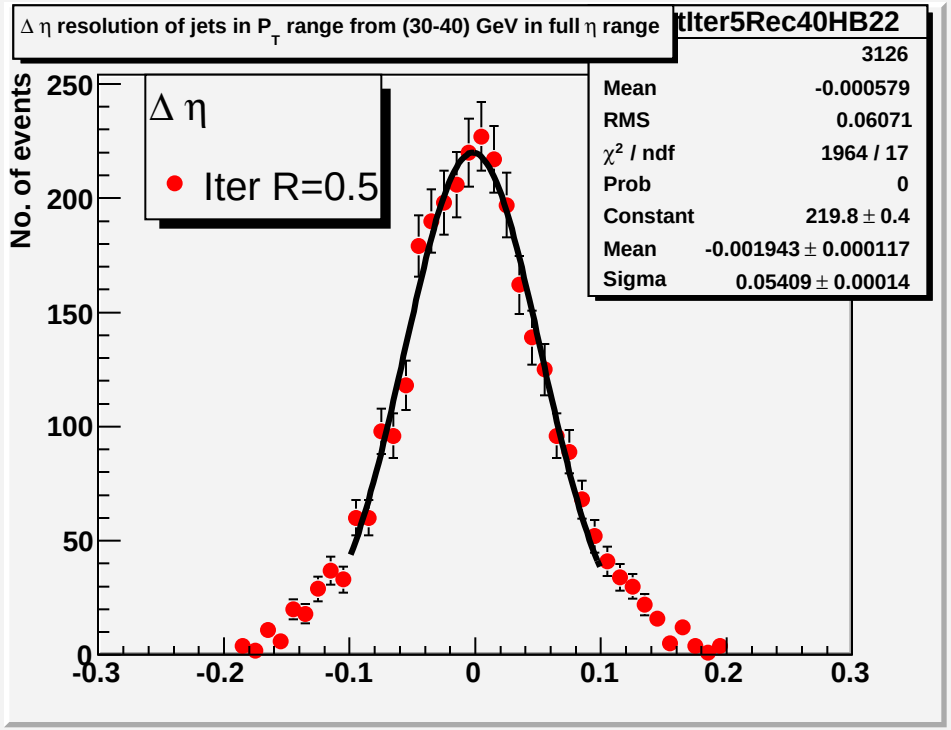

ϕ of jets (|η| < 1.653) in P_T range from (30-40) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (30-40) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (30-40) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (30-40) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

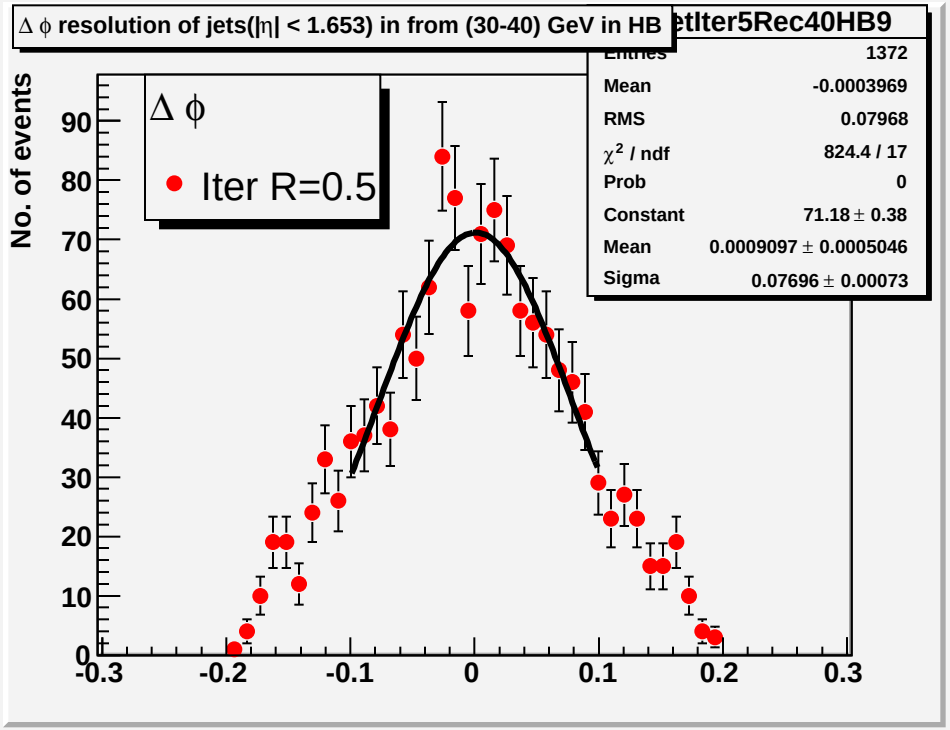

ϕ of jets (|η| > 1.653) in P_T range from (30-40) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (30-40) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (30-40) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (30-40) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

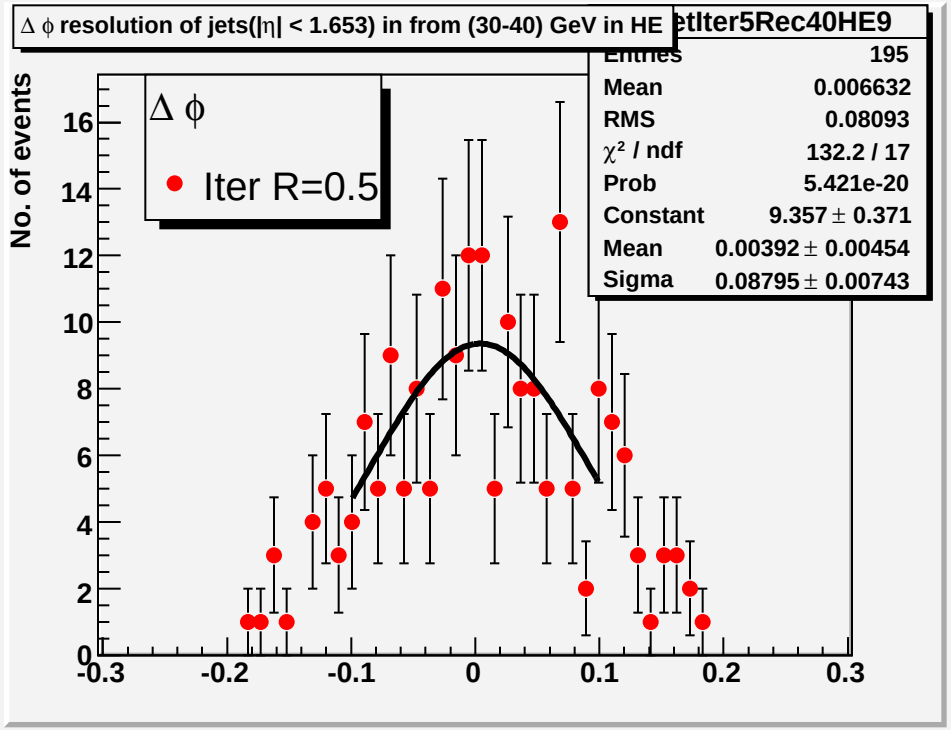

Δ η resolution of jets in P_T range from (30-40) GeV in HB
etIter5Rec40HB8
1372
Mean 0.0008236
RMS 0.06035
χ² / ndf 927 / 17
Prob 0
Constant 96.37 ± 0.41
Mean 0.0005348 ± 0.0002693
Sigma 0.05475 ± 0.00032
Δ η
Iter R=0.5
No. of events

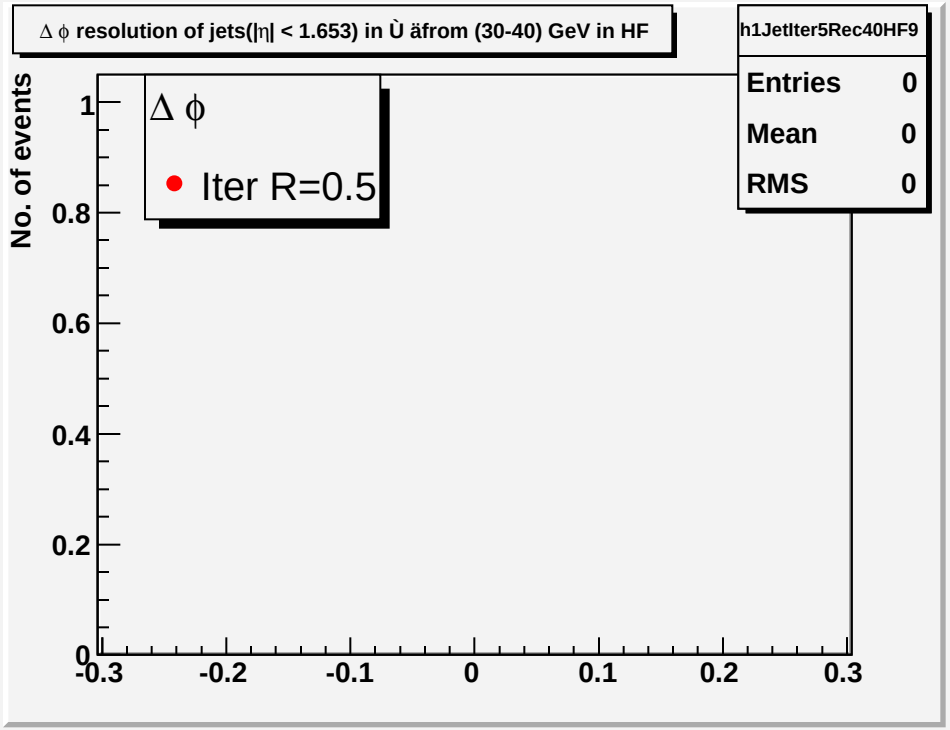

Δ η resolution of jets in P_T range from (30-40) GeV in HE
etIter5Rec40HE8
1207
Mean -0.001968
RMS 0.05745
χ² / ndf 403.1 / 17
Prob 0
Constant 91.83 ± 0.43
Mean -0.002232 ± 0.000264
Sigma 0.0497 ± 0.0003
Δ η
Iter R=0.5
No. of events

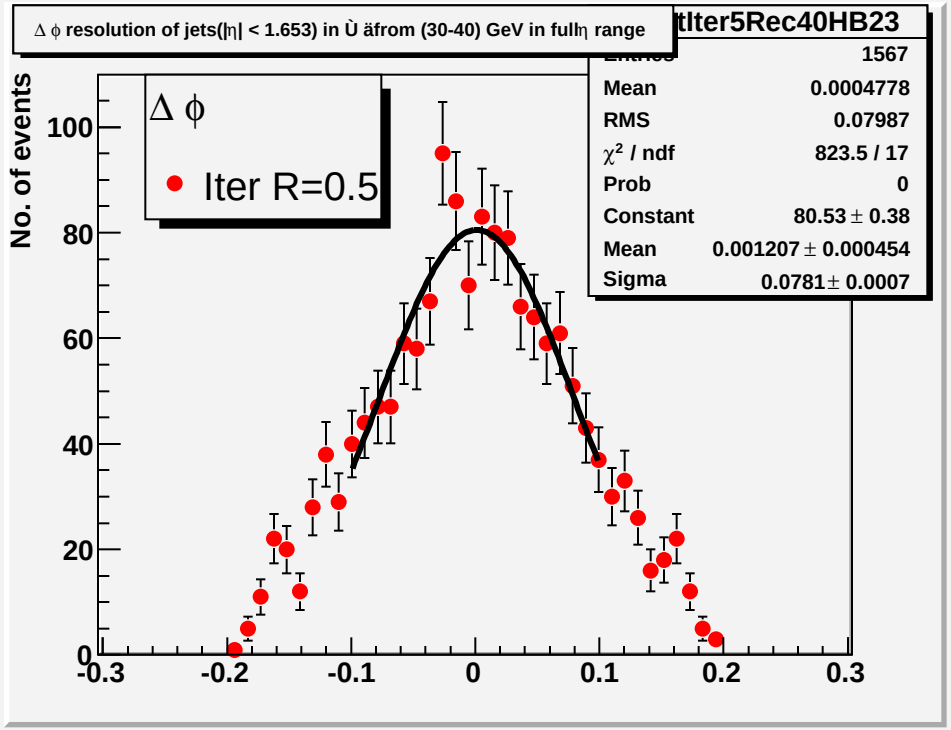

Δ η resolution of jets in P_T range from (30-40) GeV in HF
etIter5Rec40HF8
647
Mean -0.0009042
RMS 0.06618
χ² / ndf 469.8 / 17
Prob 0
Constant 39.06 ± 0.39
Mean -0.007853 ± 0.000773
Sigma 0.06474 ± 0.00099
Δ η
Iter R=0.5
No. of events

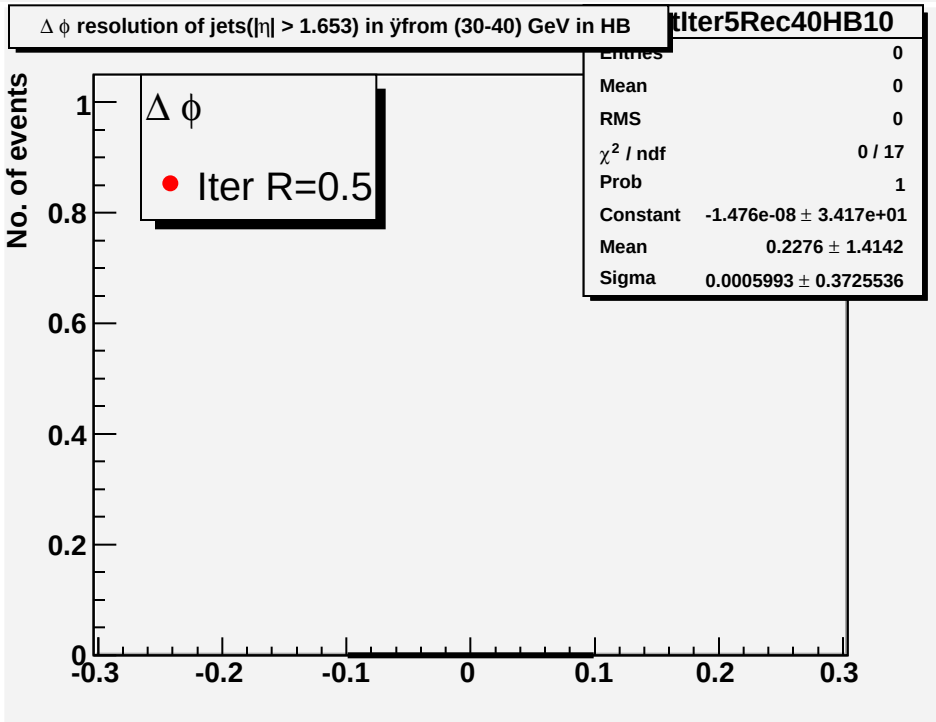

Δ η resolution of jets in P_T range from (30-40) GeV in full η range
tIter5Rec40HB22
3126
Mean -0.000579
RMS 0.06071
χ² / ndf 1964 / 17
Prob 0
Constant 219.8 ± 0.4
Mean -0.001943 ± 0.000117
Sigma 0.05409 ± 0.00014
Δ η
Iter R=0.5
No. of events

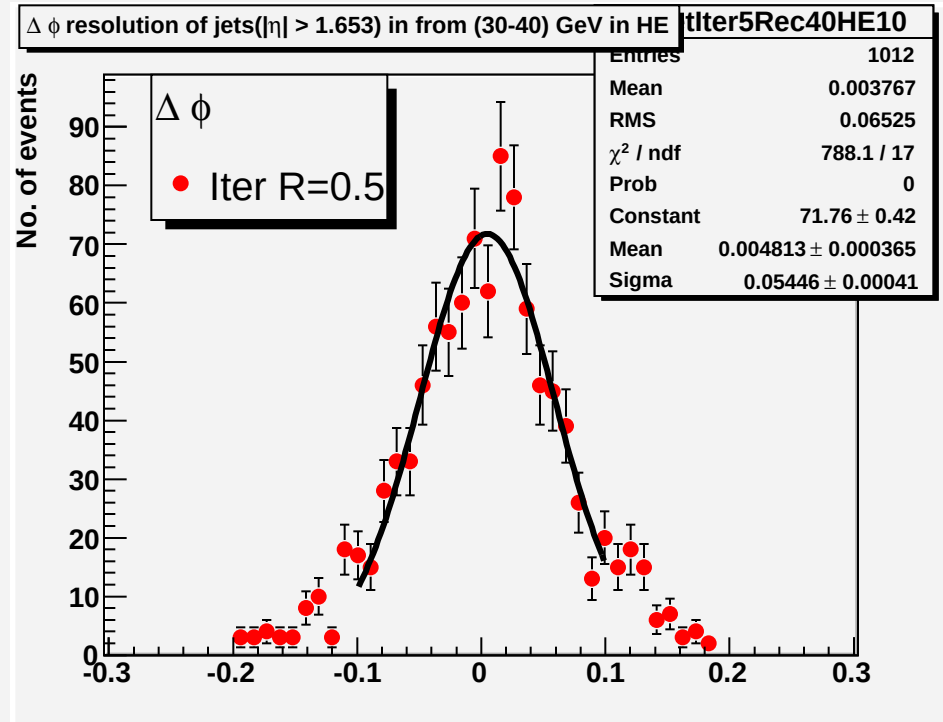

Δ ϕ resolution of jets(|η| < 1.653) in from (30-40) GeV in HB
etIter5Rec40HB9
Entries 1372
Mean -0.0003969
RMS 0.07968
χ² / ndf 824.4 / 17
Prob 0
Constant 71.18 ± 0.38
Mean 0.0009097 ± 0.0005046
Sigma 0.07696 ± 0.00073
Δ ϕ
Iter R=0.5
No. of events

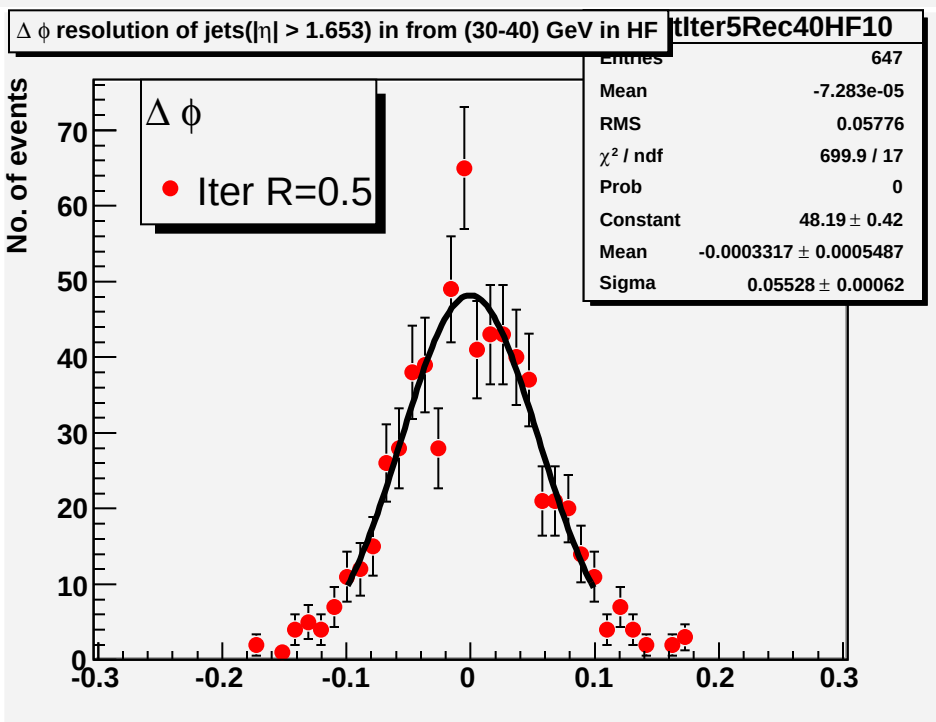

Δ ϕ resolution of jets(|η| < 1.653) in from (30-40) GeV in HE
etIter5Rec40HE9
Entries 195
Mean 0.006632
RMS 0.08093
χ² / ndf 132.2 / 17
Prob 5.421e-20
Constant 9.357 ± 0.371
Mean 0.00392 ± 0.00454
Sigma 0.08795 ± 0.00743
Δ ϕ
Iter R=0.5
No. of events

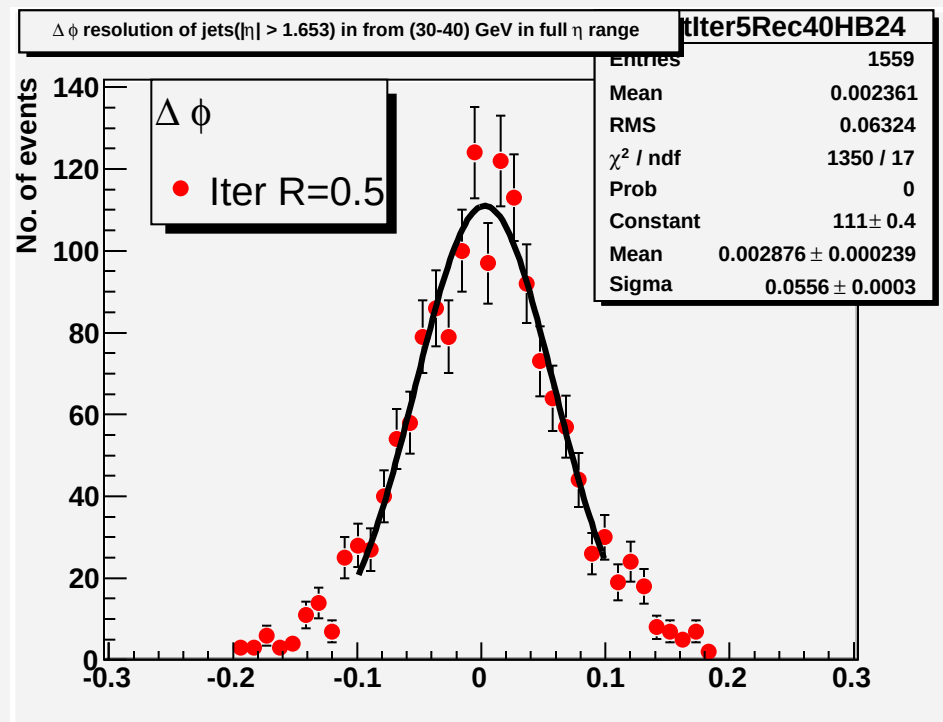

Δ ϕ resolution of jets(|η| < 1.653) in Ù äfrom (30-40) GeV in HF
h1JetIter5Rec40HF9
Entries 0
Mean 0
RMS 0
Δ ϕ
Iter R=0.5
No. of events

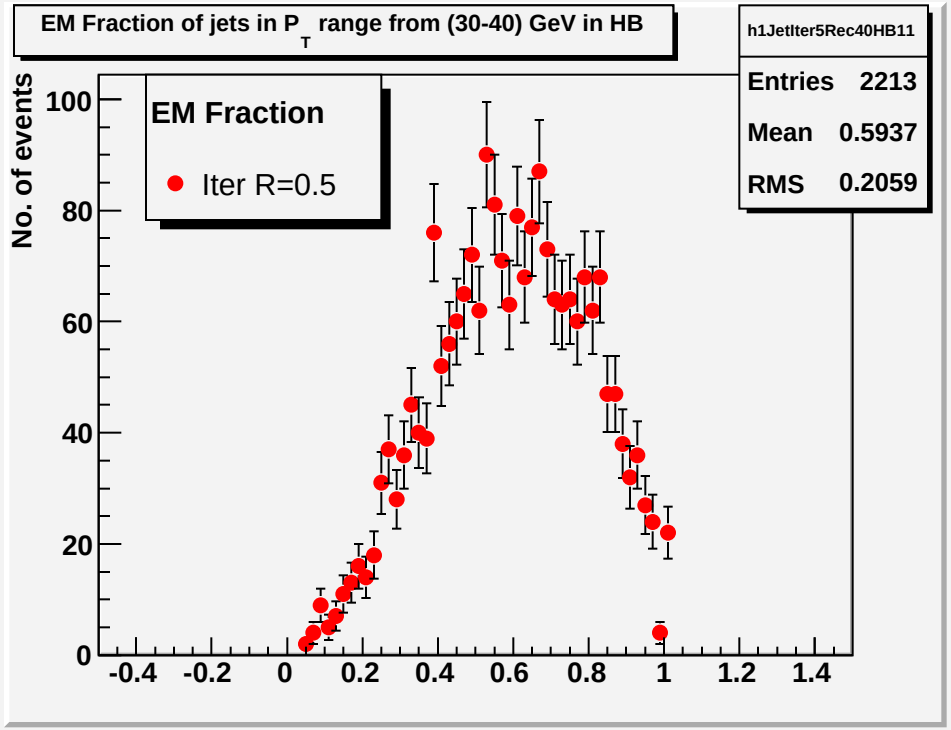

Δ ϕ resolution of jets(|η| < 1.653) in Ù äfrom (30-40) GeV in fullη range
tIter5Rec40HB23
Entries 1567
Mean 0.0004778
RMS 0.07987
χ² / ndf 823.5 / 17
Prob 0
Constant 80.53 ± 0.38
Mean 0.001207 ± 0.000454
Sigma 0.0781 ± 0.0007
Δ ϕ
Iter R=0.5
No. of events

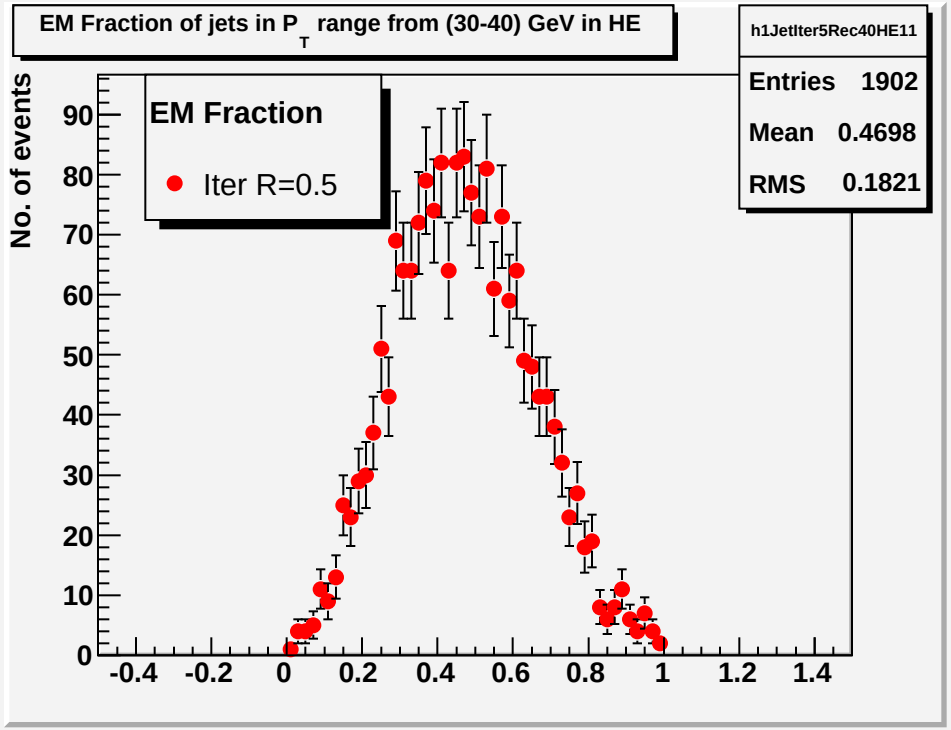

Δ ϕ resolution of jets(|η| > 1.653) in ÿfrom (30-40) GeV in HB
tIter5Rec40HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 0 / 17
Prob 1
Constant -1.476e-08 ± 3.417e+01
Mean 0.2276 ± 1.4142
Sigma 0.0005993 ± 0.3725536
Δ ϕ
Iter R=0.5
No. of events

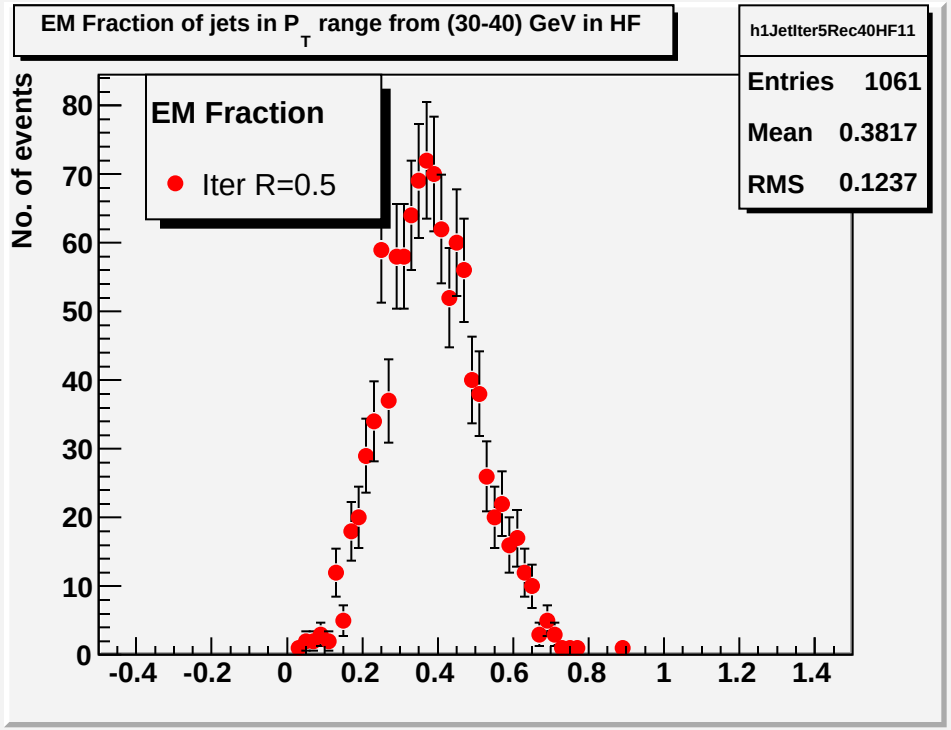

Δ ϕ resolution of jets(|η| > 1.653) in from (30-40) GeV in HE
tIter5Rec40HE10
Entries 1012
Mean 0.003767
RMS 0.06525
χ² / ndf 788.1 / 17
Prob 0
Constant 71.76 ± 0.42
Mean 0.004813 ± 0.000365
Sigma 0.05446 ± 0.00041
Δ ϕ
Iter R=0.5
No. of events

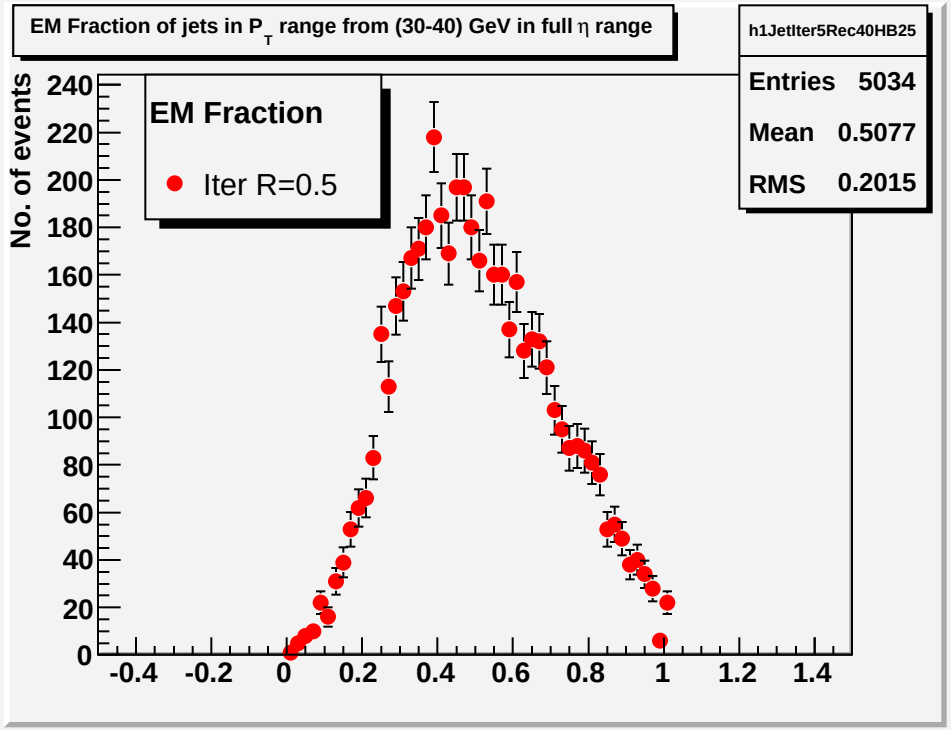

Δ ϕ resolution of jets(|η| > 1.653) in from (30-40) GeV in HF
tIter5Rec40HF10
Entries 647
Mean -7.283e-05
RMS 0.05776
χ² / ndf 699.9 / 17
Prob 0
Constant 48.19 ± 0.42
Mean -0.0003317 ± 0.0005487
Sigma 0.05528 ± 0.00062
Δ ϕ
Iter R=0.5
No. of events

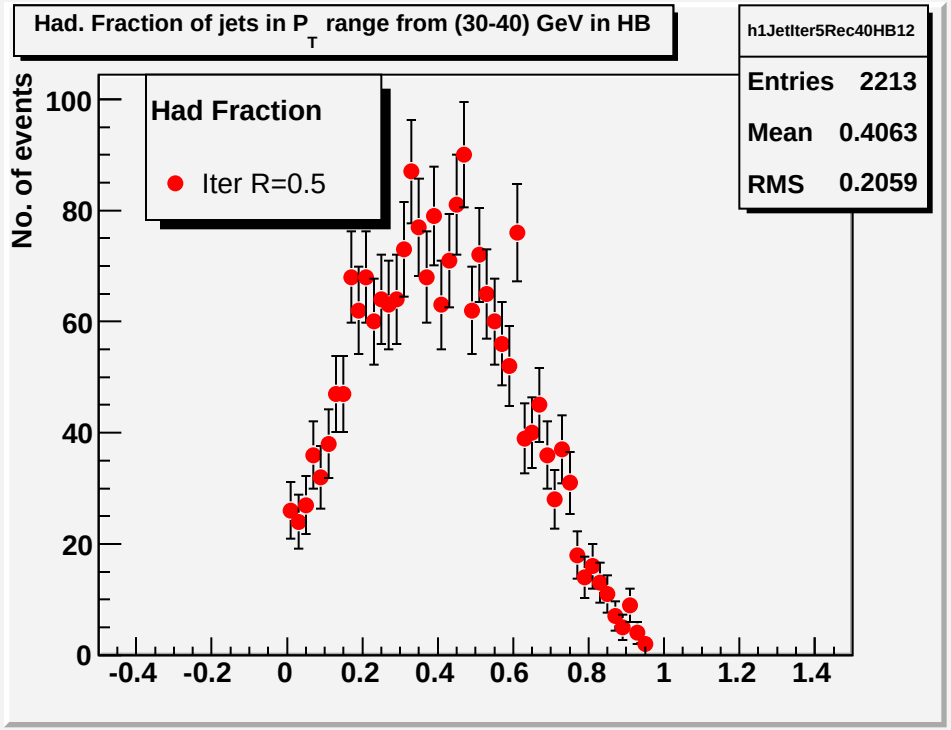

Δ ϕ resolution of jets(|η| > 1.653) in from (30-40) GeV in full η range
tIter5Rec40HB24
Entries 1559
Mean 0.002361
RMS 0.06324
χ² / ndf 1350 / 17
Prob 0
Constant 111 ± 0.4
Mean 0.002876 ± 0.000239
Sigma 0.0556 ± 0.0003
Δ ϕ
Iter R=0.5
No. of events

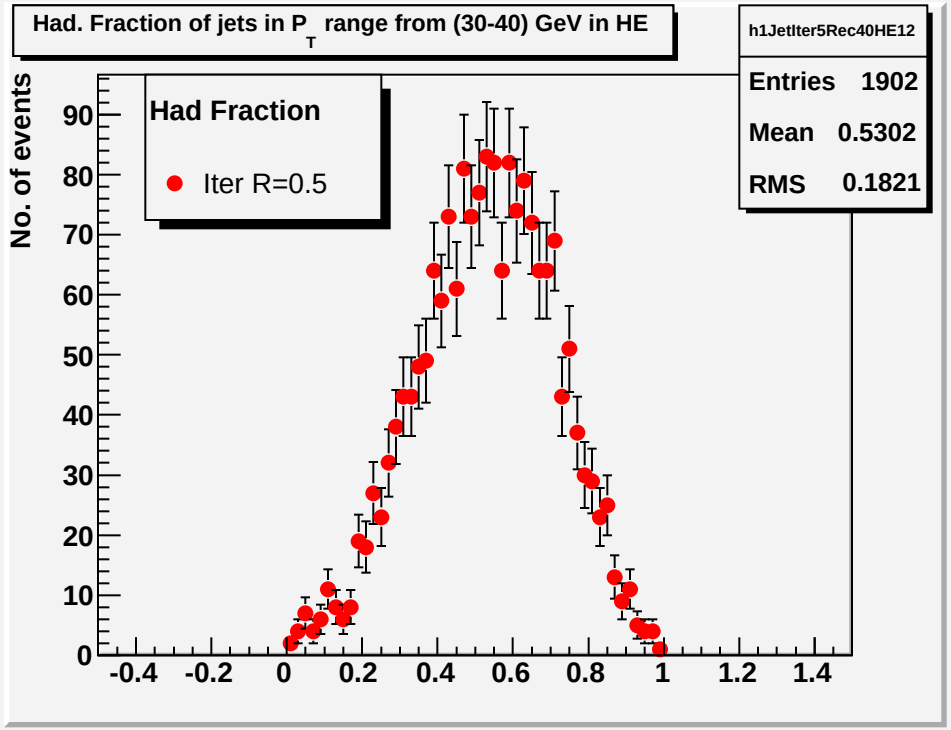

EM Fraction of jets in P_T range from (30-40) GeV in HB
h1JetIter5Rec40HB11
Entries 2213
Mean 0.5937
RMS 0.2059
EM Fraction
Iter R=0.5
No. of events

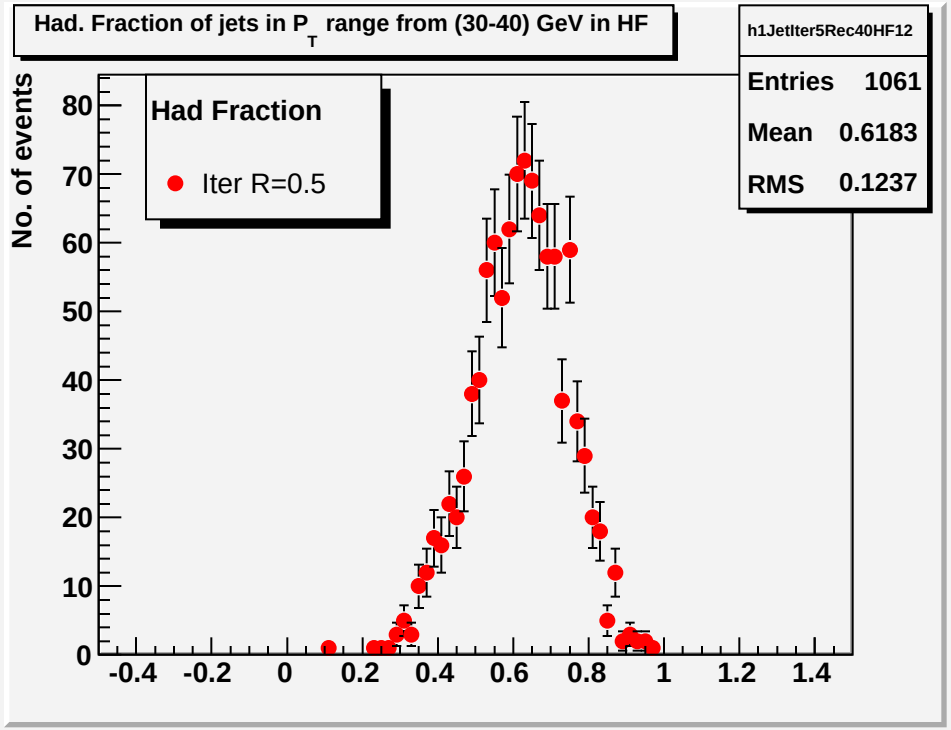

EM Fraction of jets in P_T range from (30-40) GeV in HE
h1JetIter5Rec40HE11
Entries 1902
Mean 0.4698
RMS 0.1821
EM Fraction
Iter R=0.5
No. of events

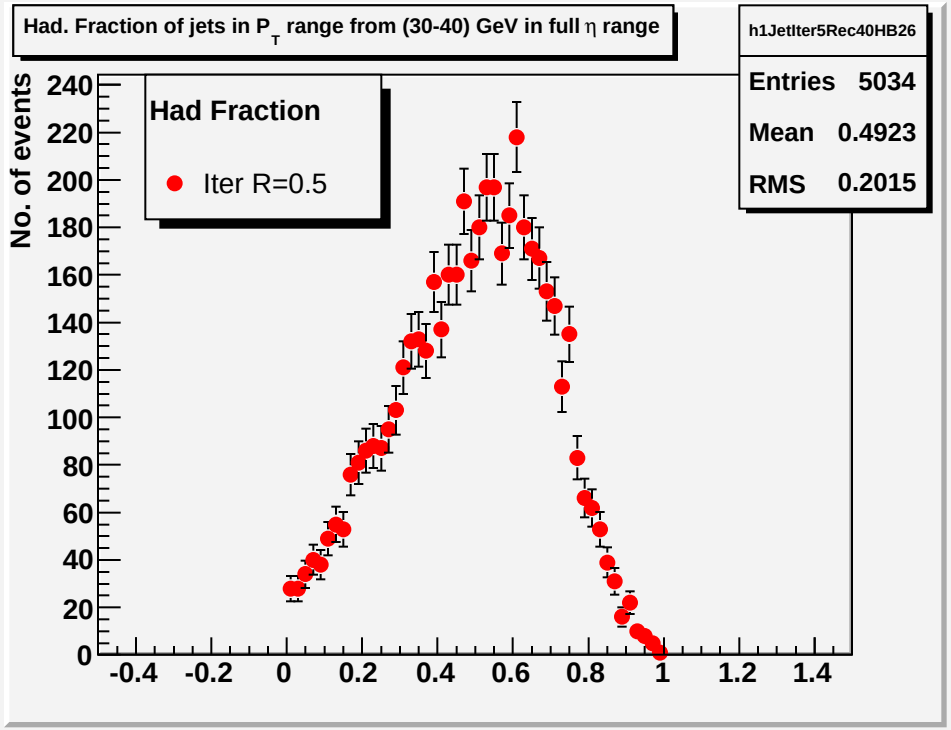

EM Fraction of jets in P_T range from (30-40) GeV in HF
h1JetIter5Rec40HF11
Entries 1061
Mean 0.3817
RMS 0.1237
EM Fraction
Iter R=0.5
No. of events

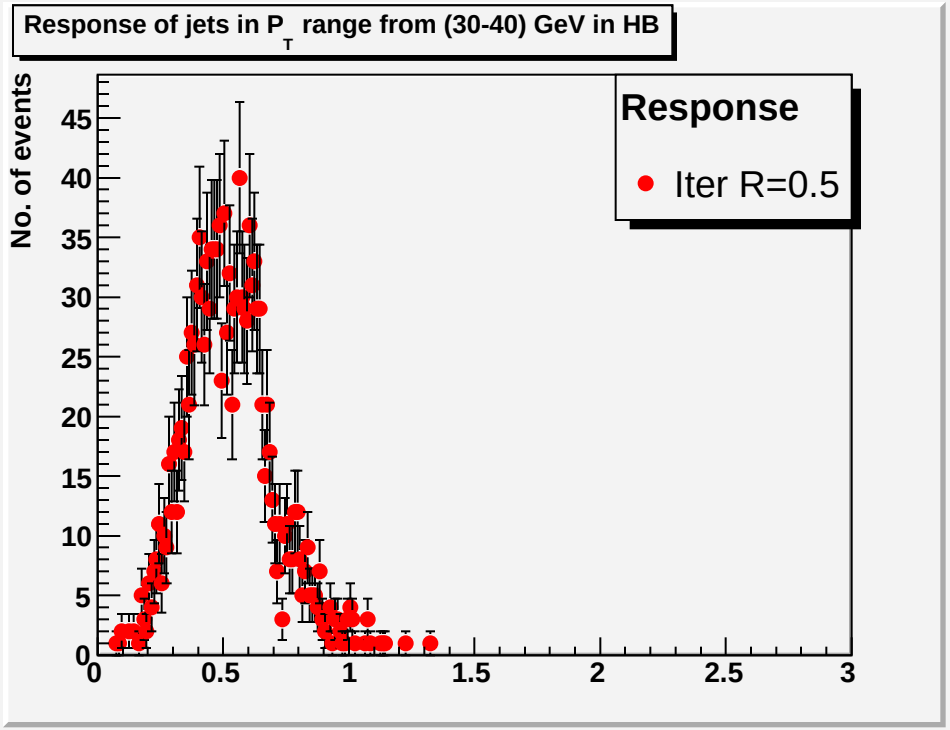

EM Fraction of jets in P_T range from (30-40) GeV in full η range
h1JetIter5Rec40HB25
Entries 5034
Mean 0.5077
RMS 0.2015
EM Fraction
Iter R=0.5
No. of events

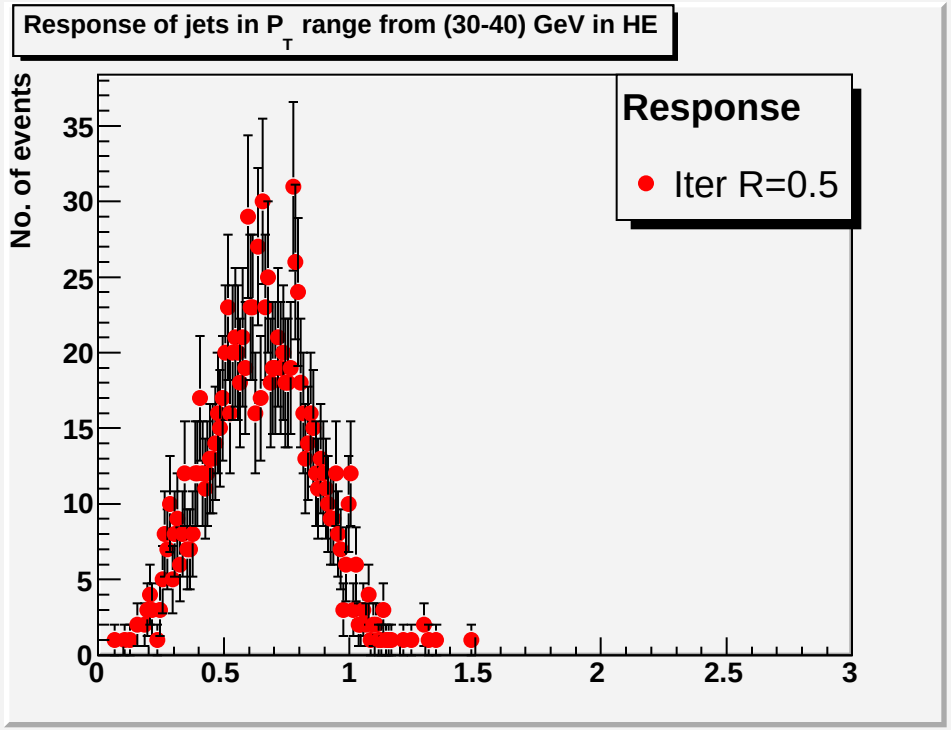

Had. Fraction of jets in P_T range from (30-40) GeV in HB
h1JetIter5Rec40HB12
Entries 2213
Mean 0.4063
RMS 0.2059
Had Fraction
Iter R=0.5
No. of events

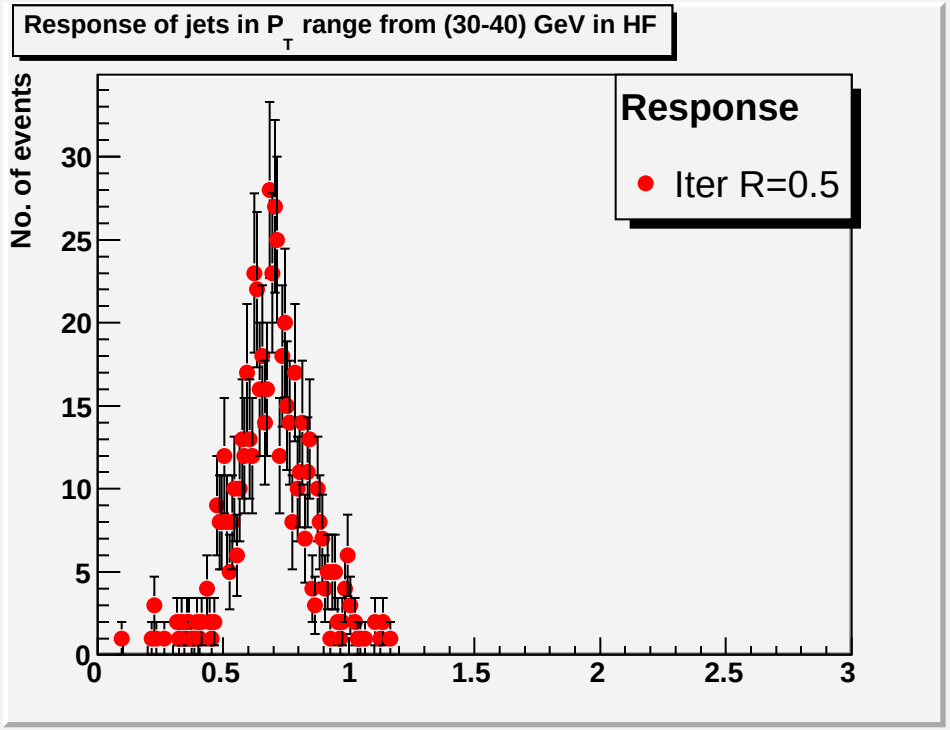

Had. Fraction of jets in P_T range from (30-40) GeV in HE
h1JetIter5Rec40HE12
Entries 1902
Mean 0.5302
RMS 0.1821
Had Fraction
Iter R=0.5
No. of events

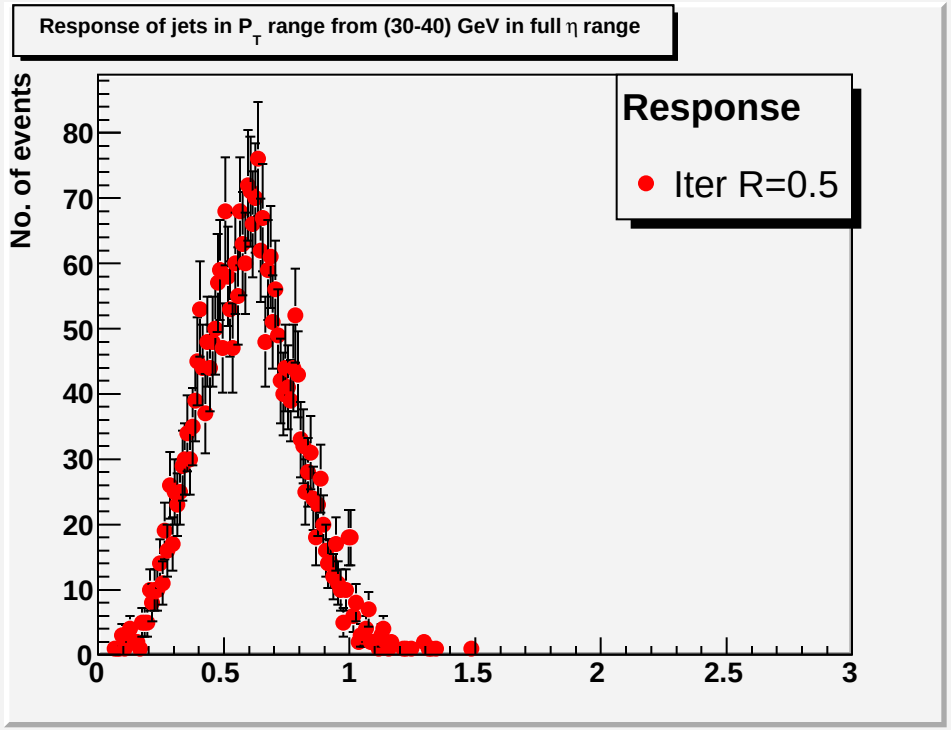

Had. Fraction of jets in P_T range from (30-40) GeV in HF
h1JetIter5Rec40HF12
Entries 1061
Mean 0.6183
RMS 0.1237
Had Fraction
Iter R=0.5
No. of events

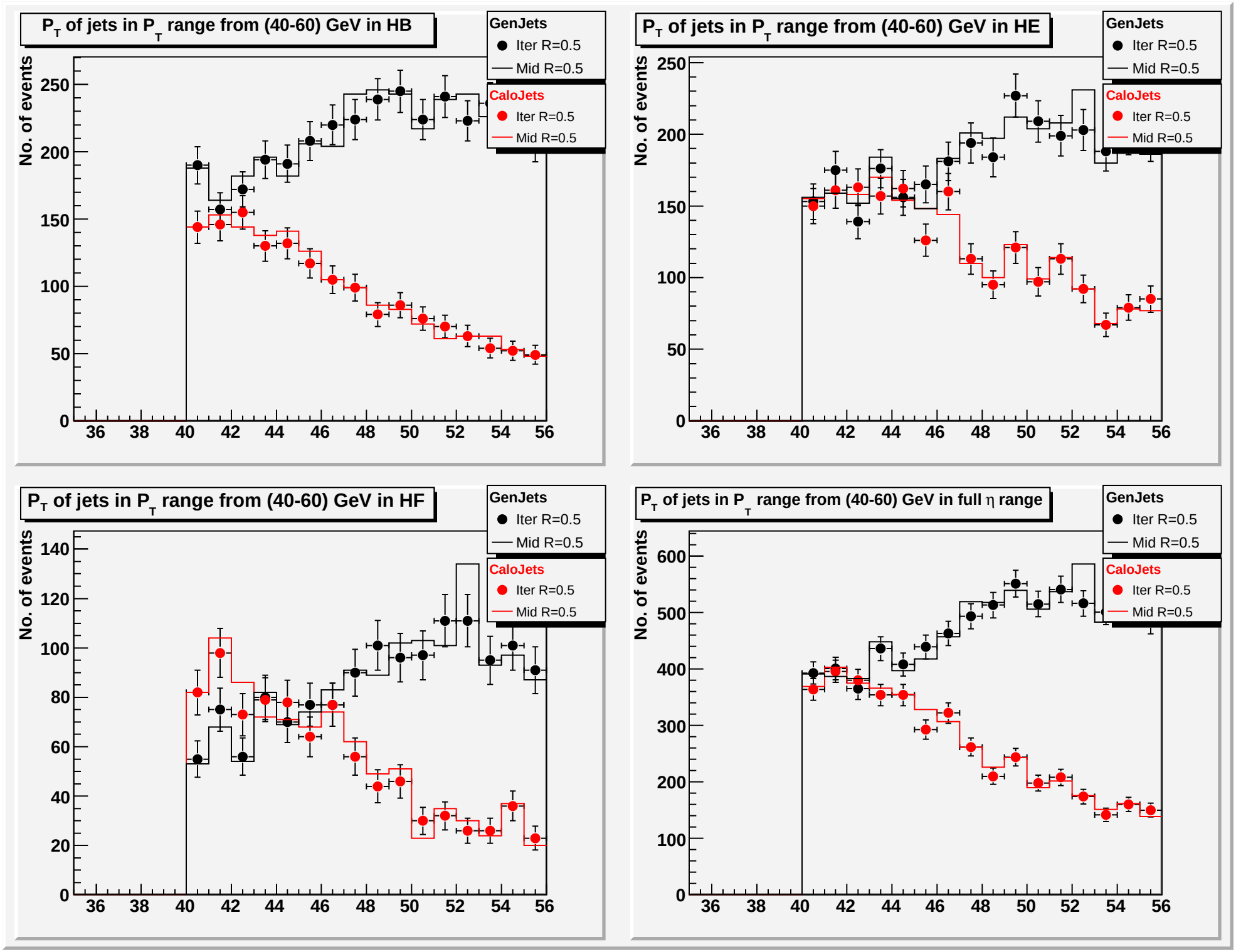

Had. Fraction of jets in P_T range from (30-40) GeV in full η range
h1JetIter5Rec40HB26
Entries 5034
Mean 0.4923
RMS 0.2015
Had Fraction
Iter R=0.5
No. of events

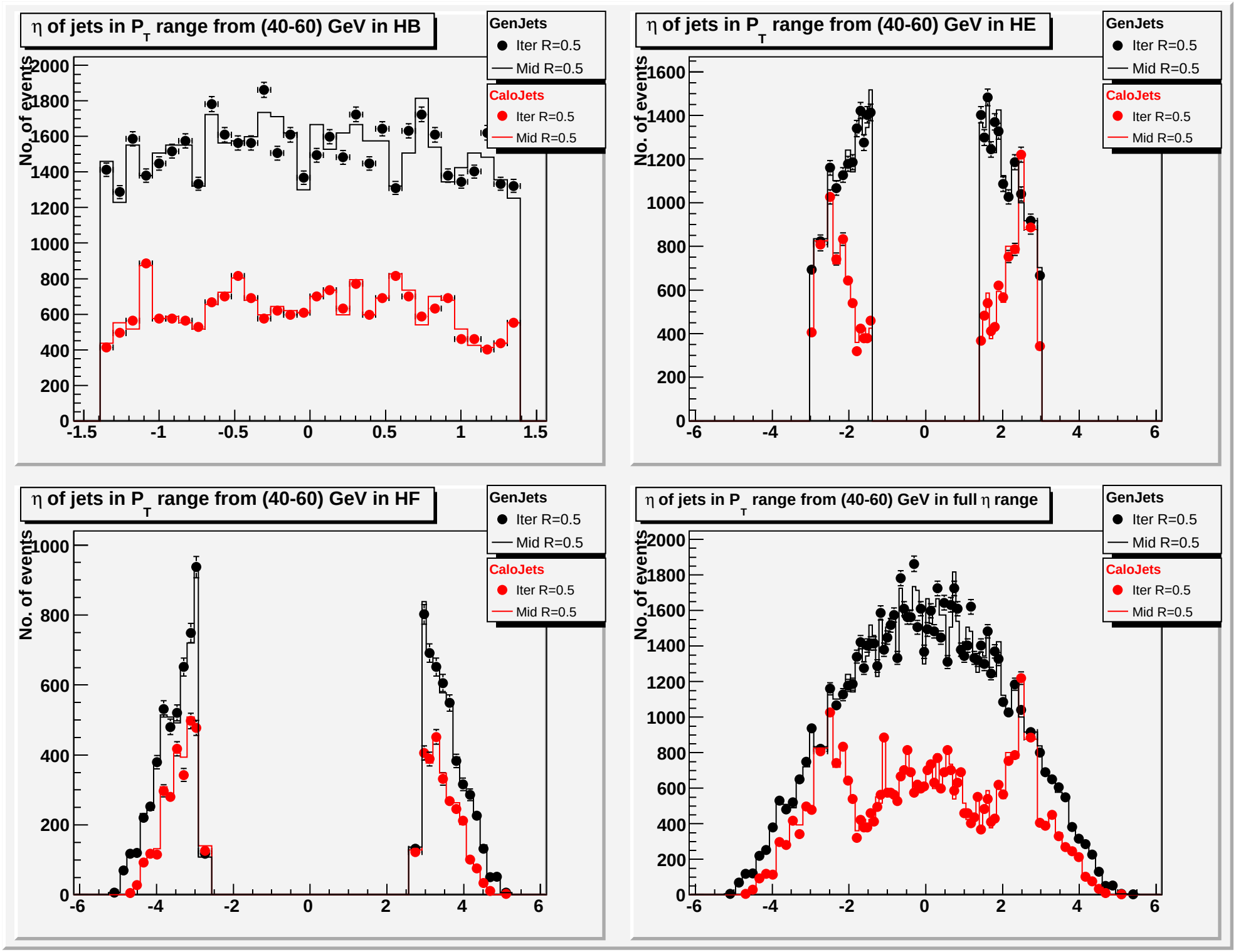

Response of jets in P_T range from (30-40) GeV in HB
No. of events
Response
Iter R=0.5

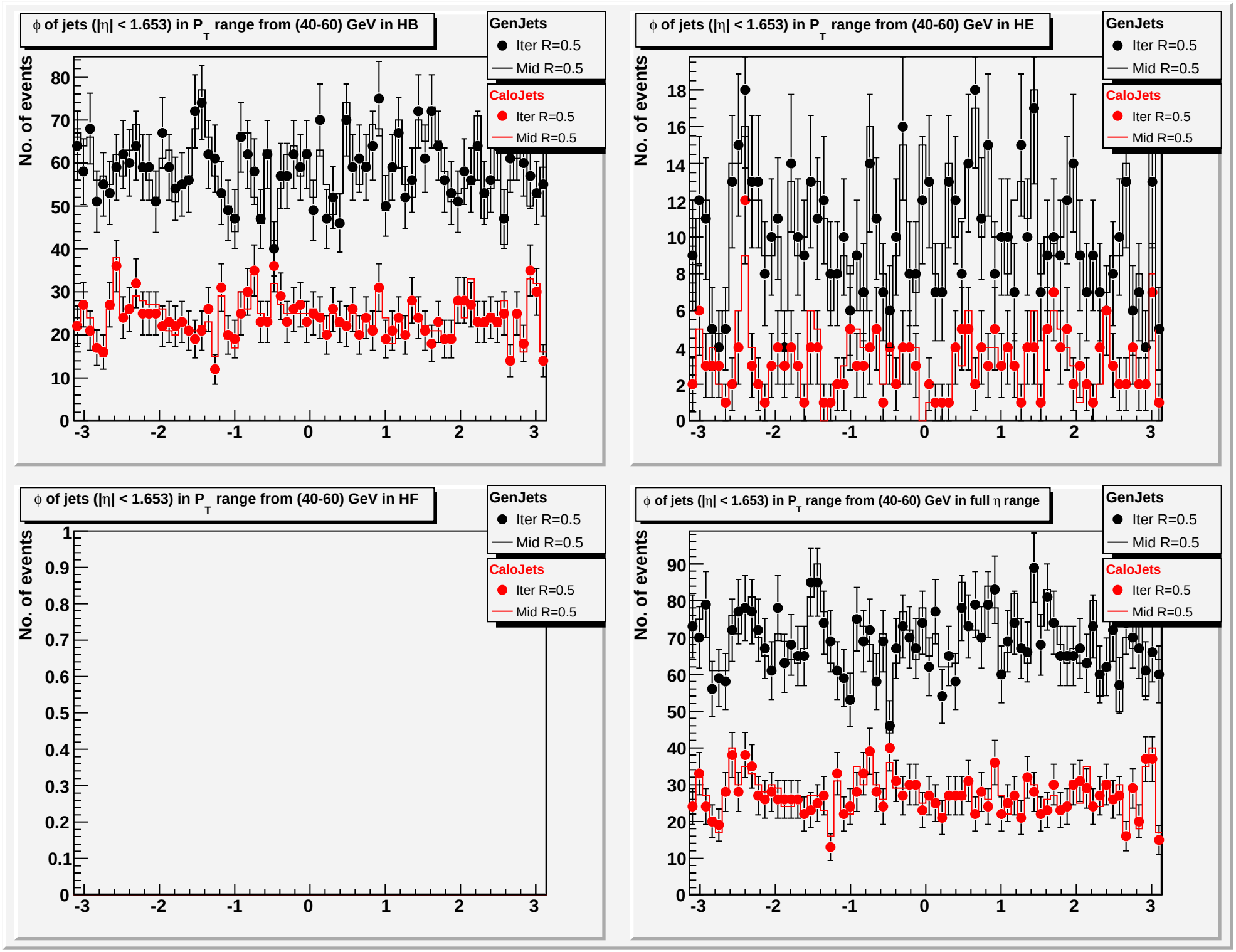

Response of jets in P_T range from (30-40) GeV in HE
No. of events
Response
Iter R=0.5

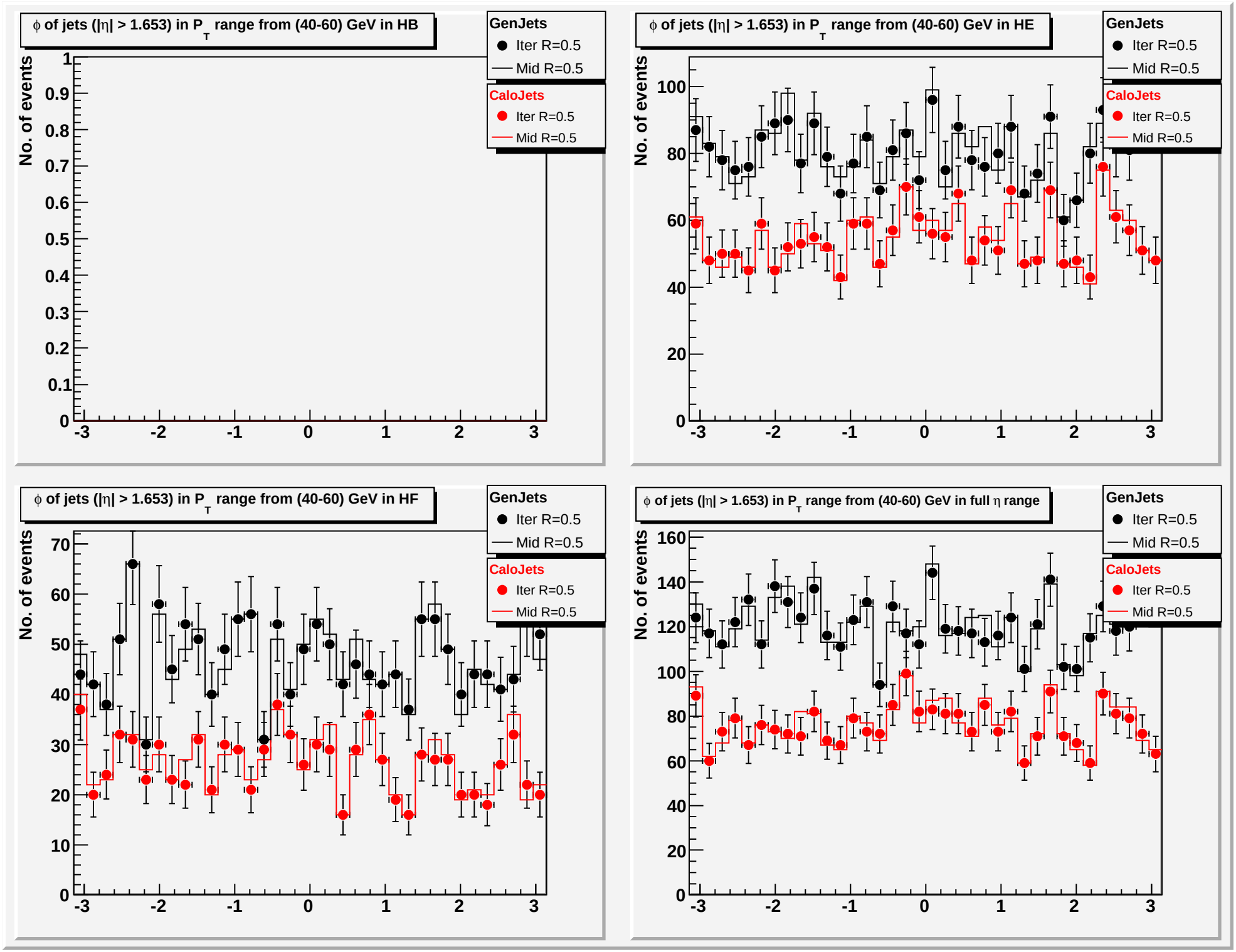

Response of jets in P_T range from (30-40) GeV in HF
No. of events
Response
Iter R=0.5

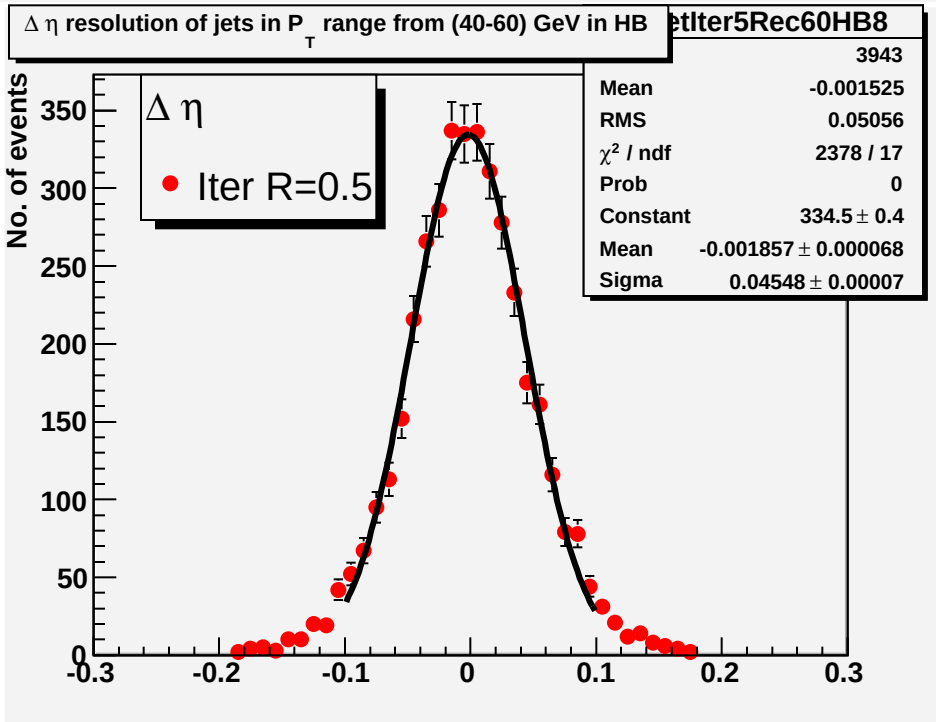

Response of jets in P_T range from (30-40) GeV in full η range
No. of events
Response
Iter R=0.5

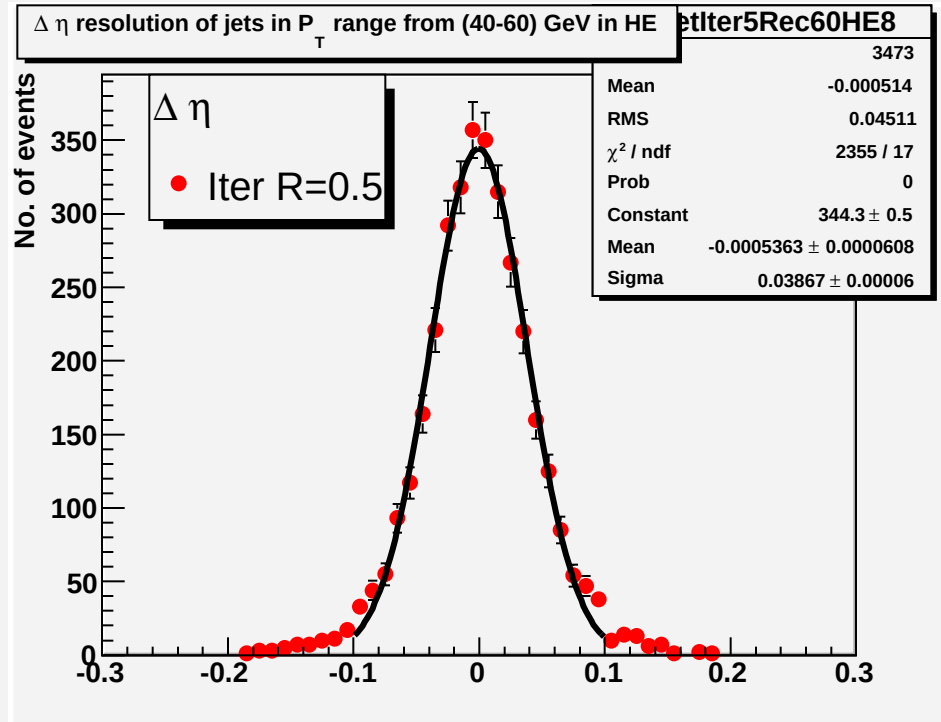

P_T of jets in P_T range from (40-60) GeV in HB
P_T of jets in P_T range from (40-60) GeV in HE
P_T of jets in P_T range from (40-60) GeV in HF
P_T of jets in P_T range from (40-60) GeV in full η range
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5
No. of events

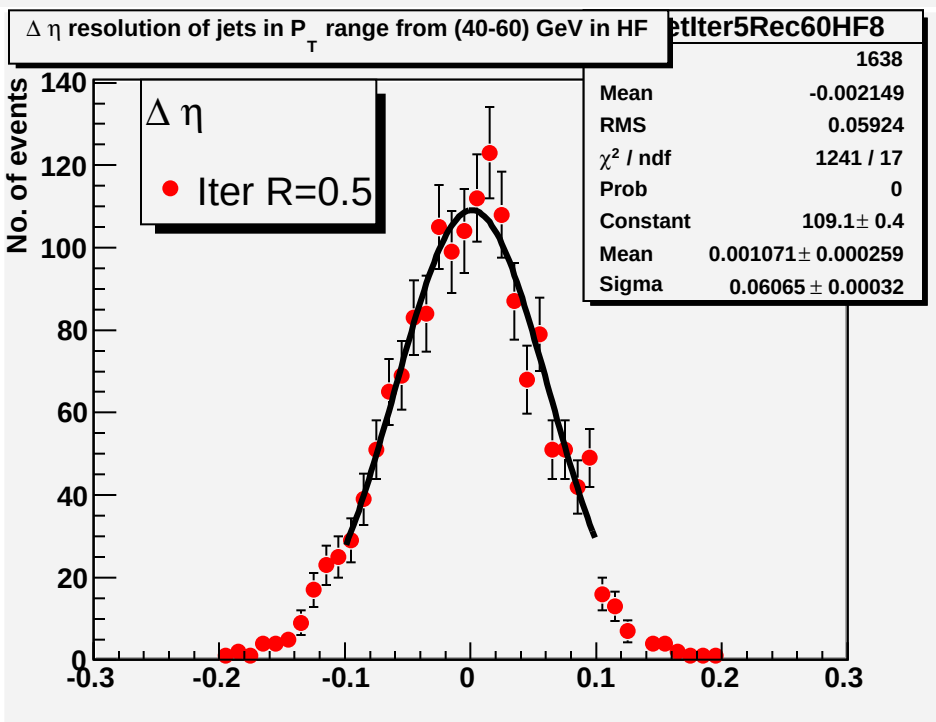

η of jets in P_T range from (40-60) GeV in HB
η of jets in P_T range from (40-60) GeV in HE
η of jets in P_T range from (40-60) GeV in HF
η of jets in P_T range from (40-60) GeV in full η range
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5
No. of events

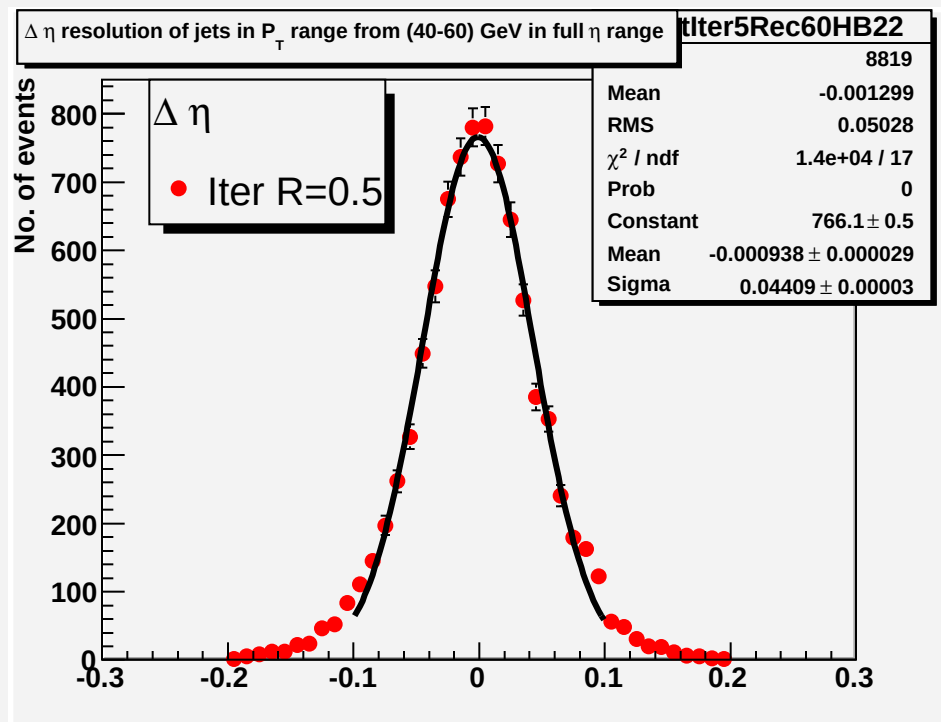

ϕ of jets (|η| < 1.653) in P_T range from (40-60) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (40-60) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (40-60) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (40-60) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

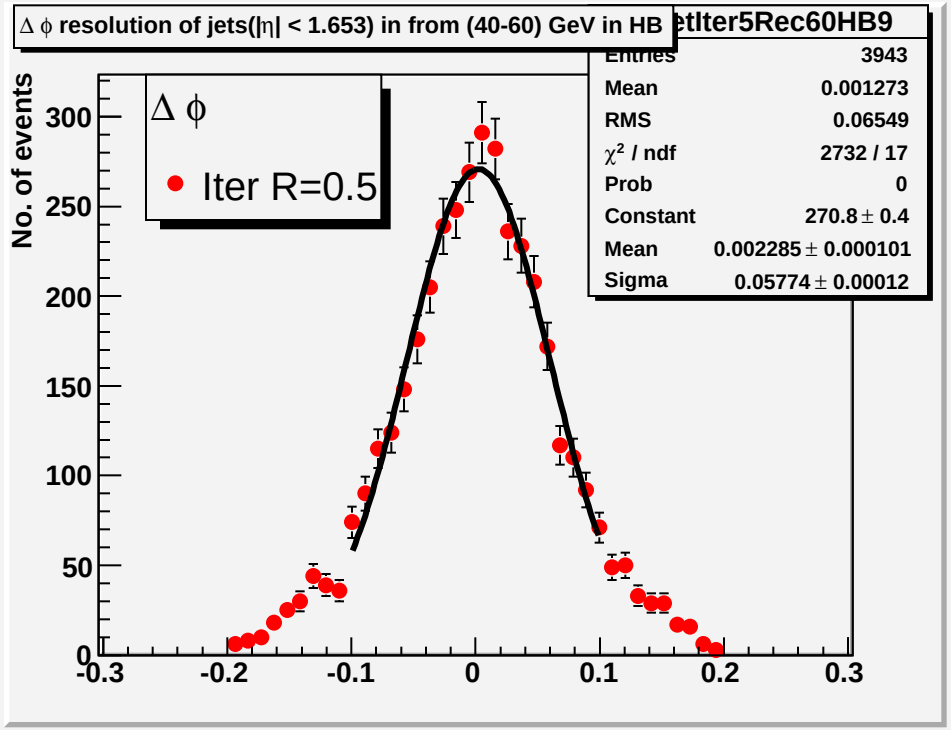

ϕ of jets (|η| > 1.653) in P_T range from (40-60) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (40-60) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (40-60) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (40-60) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

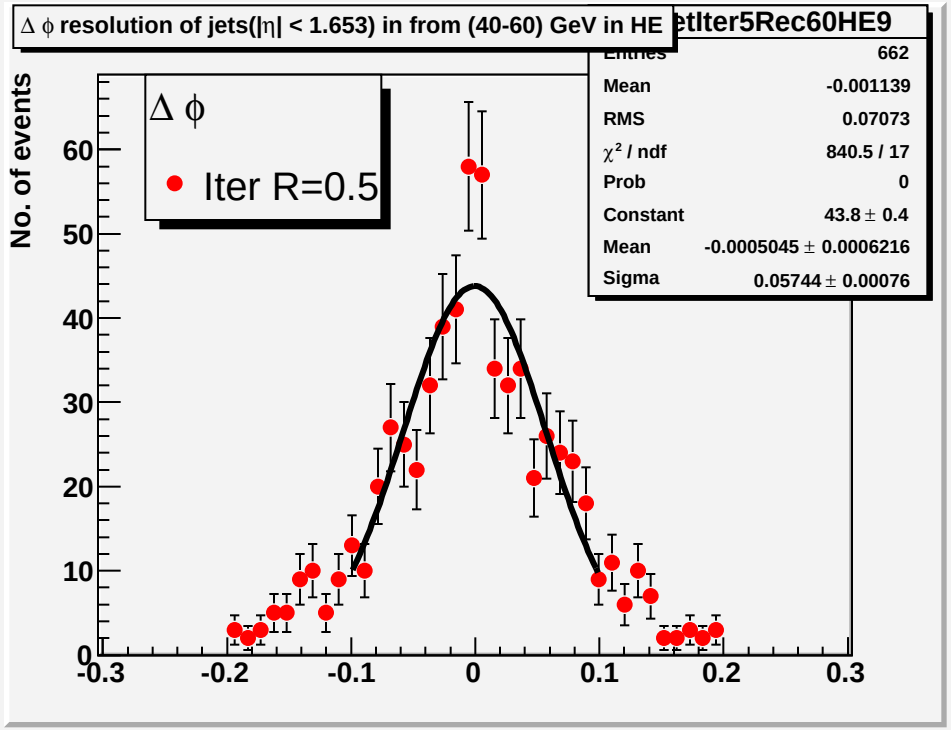

Δ η resolution of jets in P_T range from (40-60) GeV in HB
etIter5Rec60HB8
3943
Mean -0.001525
RMS 0.05056
χ² / ndf 2378 / 17
Prob 0
Constant 334.5 ± 0.4
Mean -0.001857 ± 0.000068
Sigma 0.04548 ± 0.00007
Δ η
Iter R=0.5
No. of events

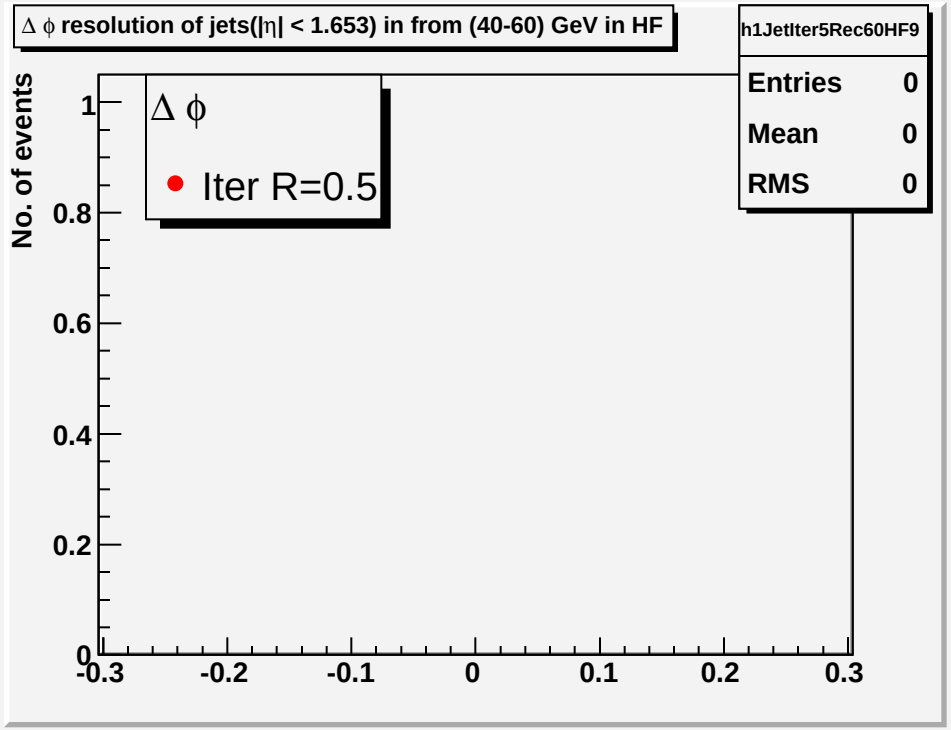

Δ η resolution of jets in P_T range from (40-60) GeV in HE
etIter5Rec60HE8
3473
Mean -0.000514
RMS 0.04511
χ² / ndf 2355 / 17
Prob 0
Constant 344.3 ± 0.5
Mean -0.0005363 ± 0.0000608
Sigma 0.03867 ± 0.00006
Δ η
Iter R=0.5
No. of events

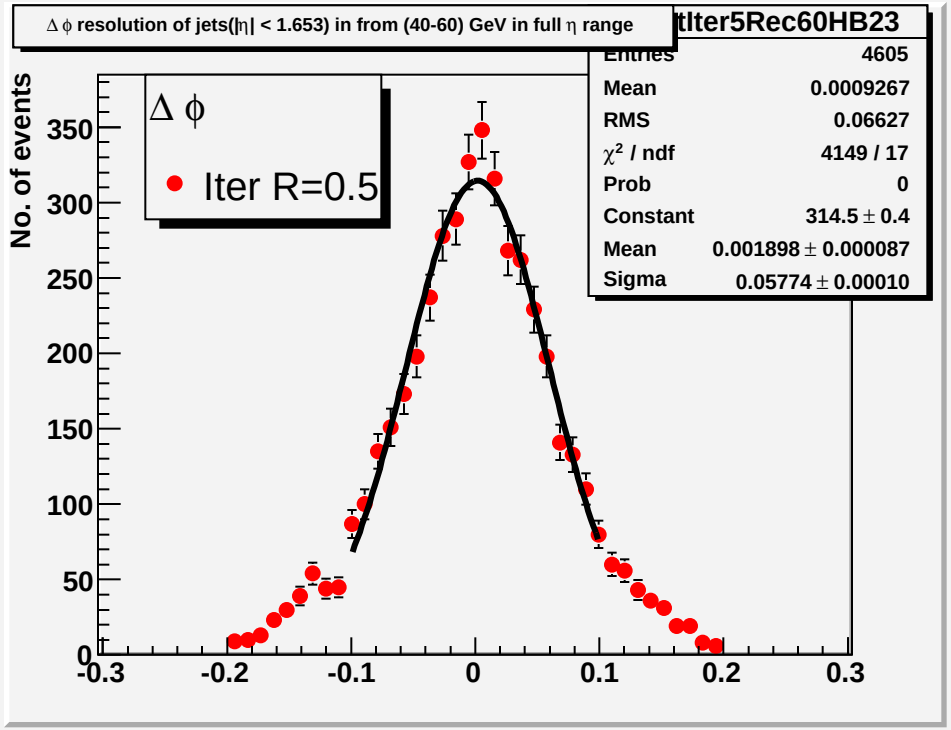

Δ η resolution of jets in P_T range from (40-60) GeV in HF
etIter5Rec60HF8
1638
Mean -0.002149
RMS 0.05924
χ² / ndf 1241 / 17
Prob 0
Constant 109.1 ± 0.4
Mean 0.001071 ± 0.000259
Sigma 0.06065 ± 0.00032
Δ η
Iter R=0.5
No. of events

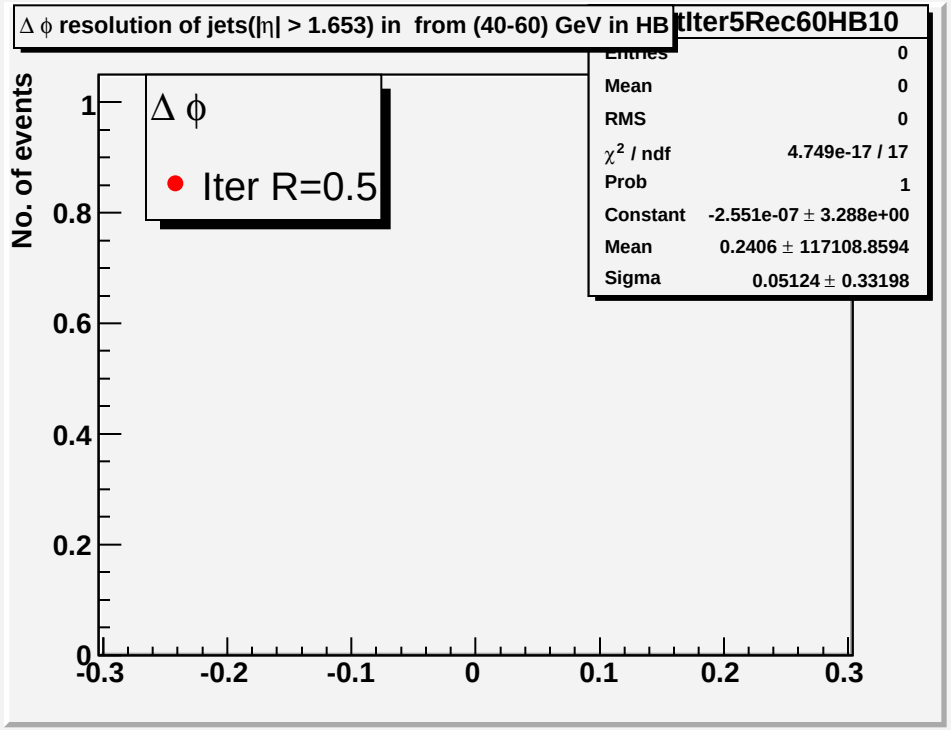

Δ η resolution of jets in P_T range from (40-60) GeV in full η range
tIter5Rec60HB22
8819
Mean -0.001299
RMS 0.05028
χ² / ndf 1.4e+04 / 17
Prob 0
Constant 766.1 ± 0.5
Mean -0.000938 ± 0.000029
Sigma 0.04409 ± 0.00003
Δ η
Iter R=0.5
No. of events

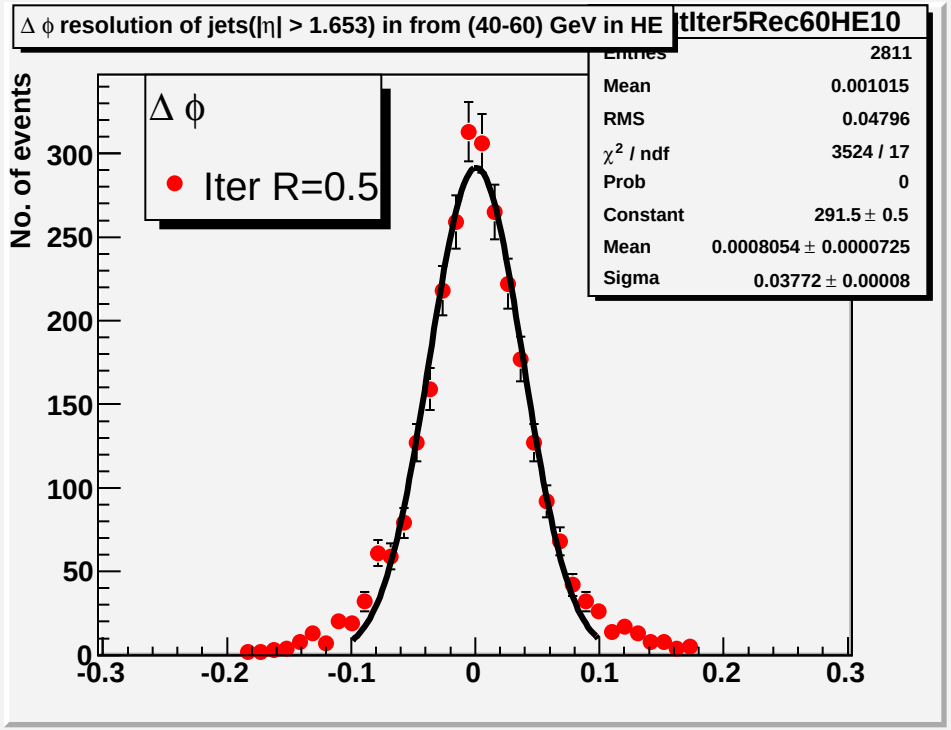

Δ ϕ resolution of jets(|η| < 1.653) in from (40-60) GeV in HB
etIter5Rec60HB9
Entries 3943
Mean 0.001273
RMS 0.06549
χ² / ndf 2732 / 17
Prob 0
Constant 270.8 ± 0.4
Mean 0.002285 ± 0.000101
Sigma 0.05774 ± 0.00012
Δ ϕ
Iter R=0.5
No. of events

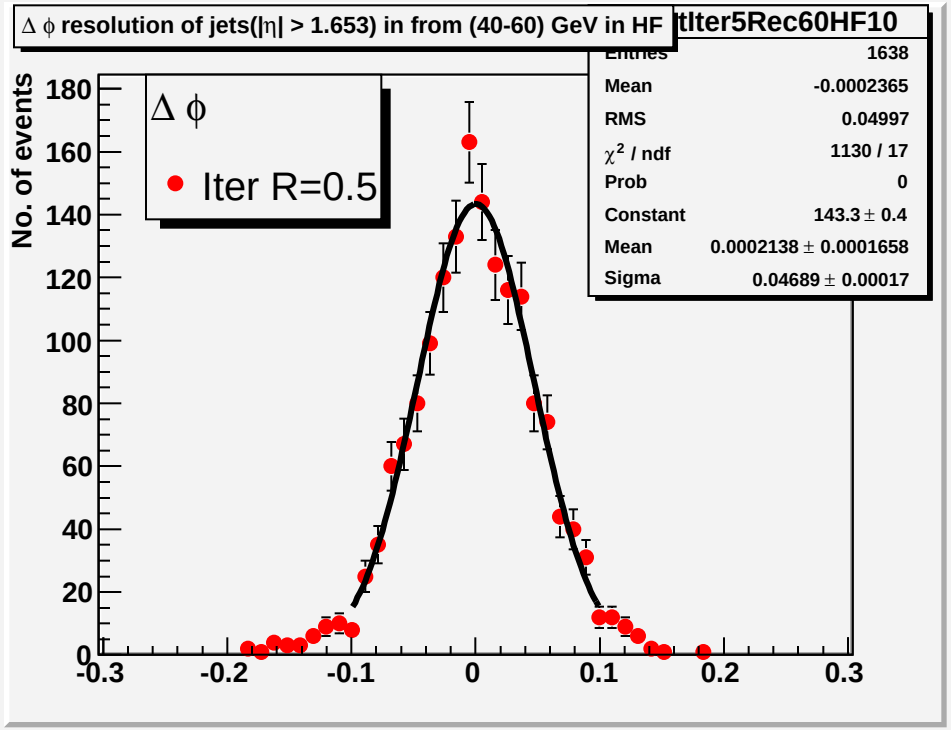

Δ ϕ resolution of jets(|η| < 1.653) in from (40-60) GeV in HE
etIter5Rec60HE9
Entries 662
Mean -0.001139
RMS 0.07073
χ² / ndf 840.5 / 17
Prob 0
Constant 43.8 ± 0.4
Mean -0.0005045 ± 0.0006216
Sigma 0.05744 ± 0.00076
Δ ϕ
Iter R=0.5
No. of events

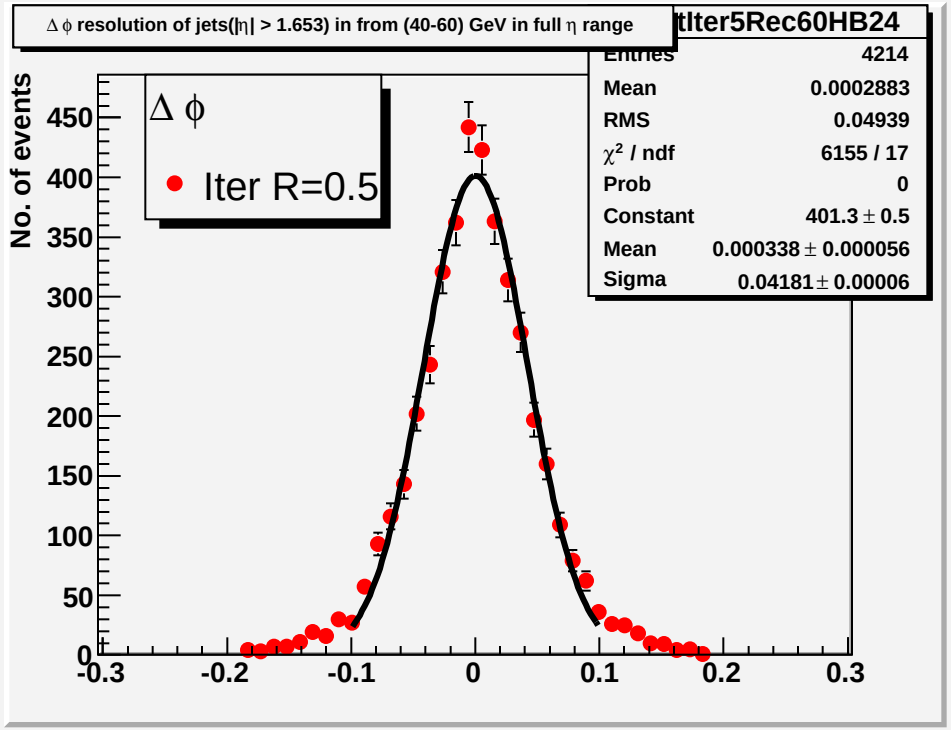

Δ ϕ resolution of jets(|η| < 1.653) in from (40-60) GeV in HF
h1JetIter5Rec60HF9
Entries 0
Mean 0
RMS 0
Δ ϕ
Iter R=0.5
No. of events

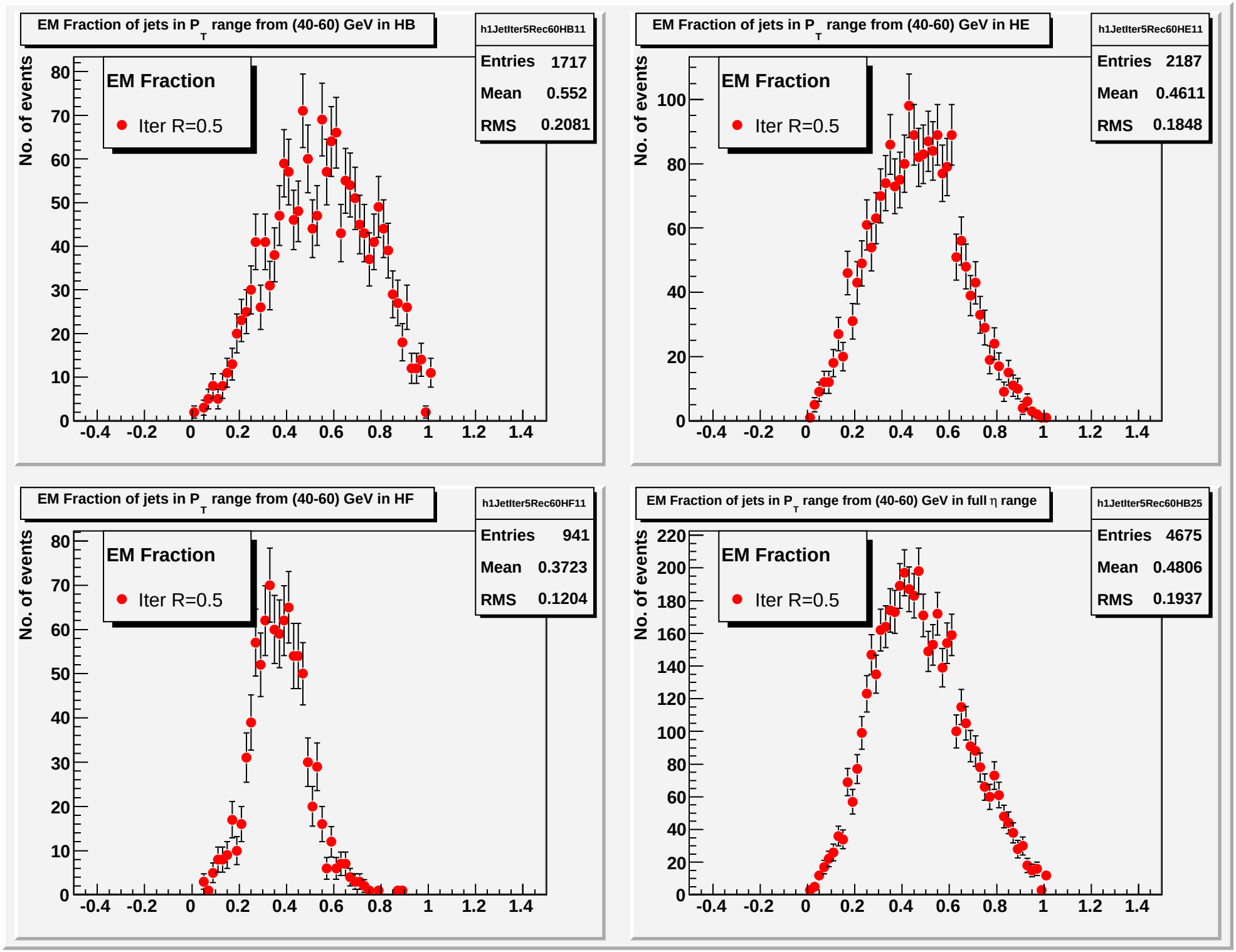

Δ ϕ resolution of jets(|η| < 1.653) in from (40-60) GeV in full η range
tIter5Rec60HB23
Entries 4605
Mean 0.0009267
RMS 0.06627
χ² / ndf 4149 / 17
Prob 0
Constant 314.5 ± 0.4
Mean 0.001898 ± 0.000087
Sigma 0.05774 ± 0.00010
Δ ϕ
Iter R=0.5
No. of events

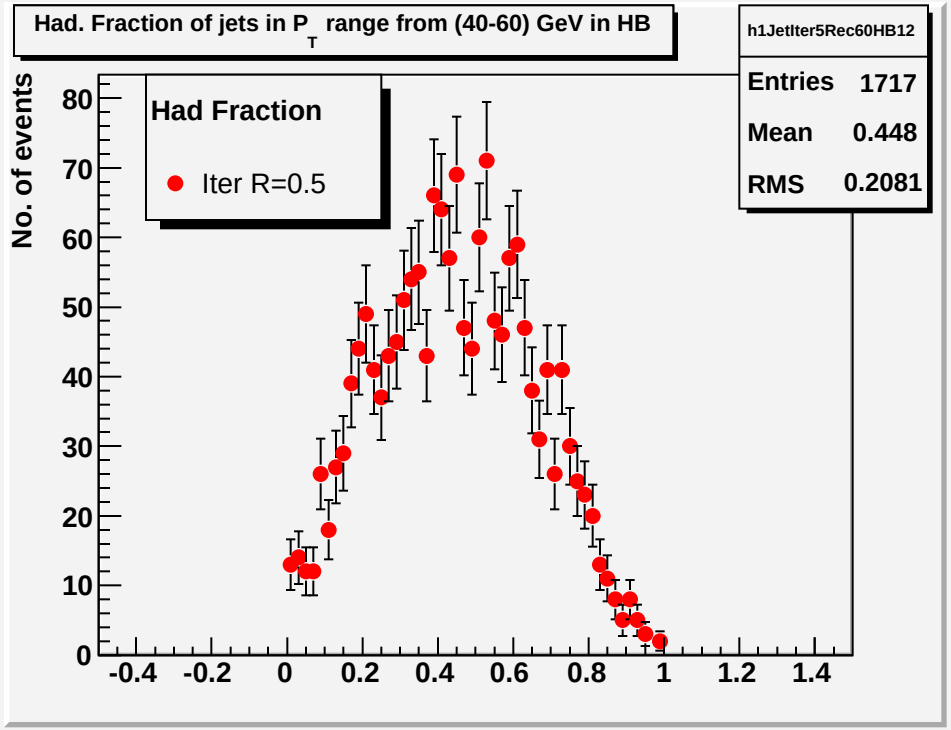

Δ ϕ resolution of jets(|η| > 1.653) in from (40-60) GeV in HB
tIter5Rec60HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 4.749e-17 / 17
Prob 1
Constant -2.551e-07 ± 3.288e+00
Mean 0.2406 ± 117108.8594
Sigma 0.05124 ± 0.33198
Δ ϕ
Iter R=0.5
No. of events

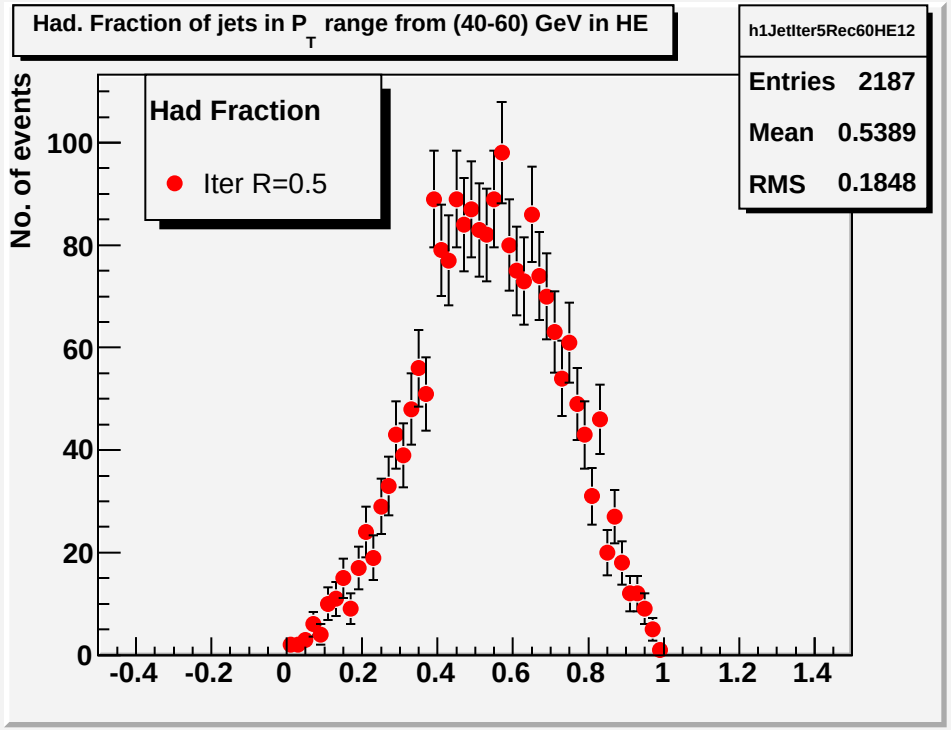

Δ ϕ resolution of jets(|η| > 1.653) in from (40-60) GeV in HE
tIter5Rec60HE10
Entries 2811
Mean 0.001015
RMS 0.04796
χ² / ndf 3524 / 17
Prob 0
Constant 291.5 ± 0.5
Mean 0.0008054 ± 0.0000725
Sigma 0.03772 ± 0.00008
Δ ϕ
Iter R=0.5
No. of events

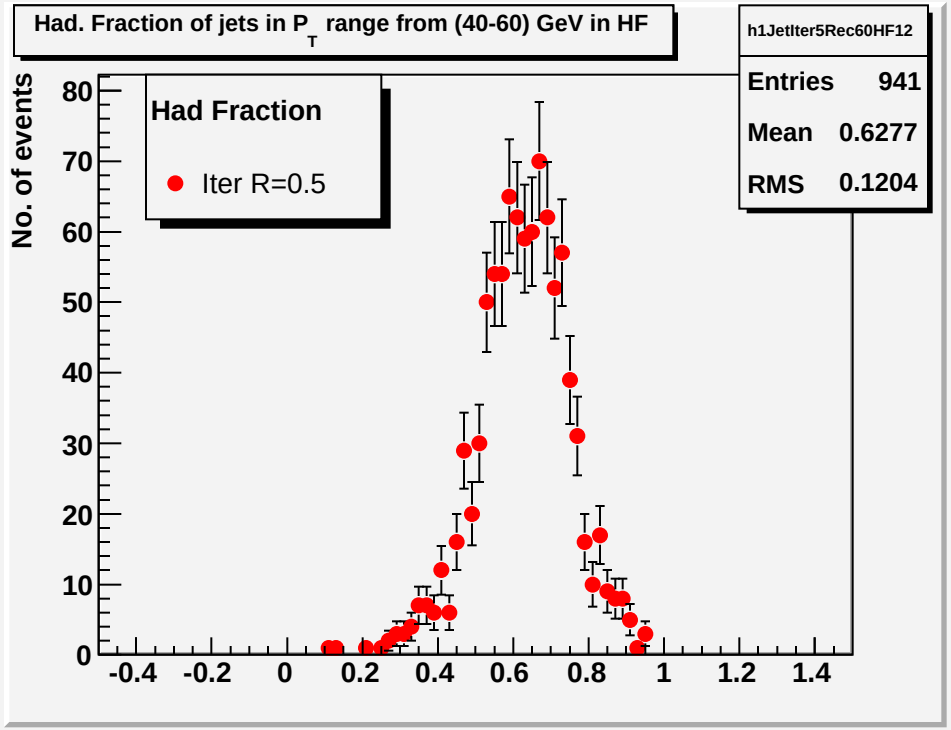

Δ ϕ resolution of jets(|η| > 1.653) in from (40-60) GeV in HF
tIter5Rec60HF10
Entries 1638
Mean -0.0002365
RMS 0.04997
χ² / ndf 1130 / 17
Prob 0
Constant 143.3 ± 0.4
Mean 0.0002138 ± 0.0001658
Sigma 0.04689 ± 0.00017
Δ ϕ
Iter R=0.5
No. of events

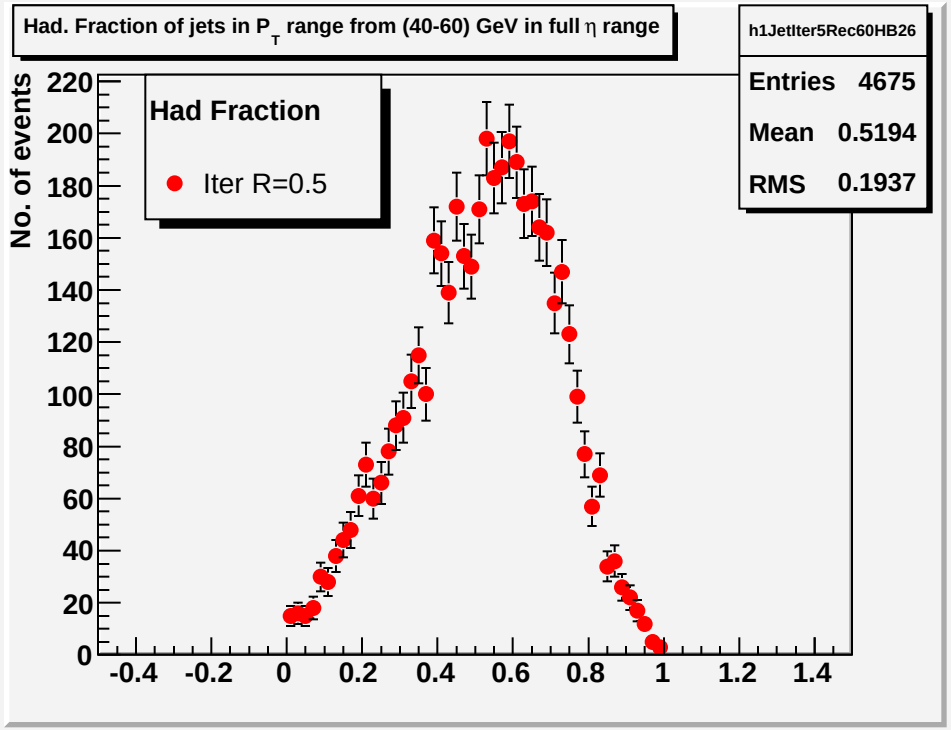

Δ ϕ resolution of jets(|η| > 1.653) in from (40-60) GeV in full η range
tIter5Rec60HB24
Entries 4214
Mean 0.0002883
RMS 0.04939
χ² / ndf 6155 / 17
Prob 0
Constant 401.3 ± 0.5
Mean 0.000338 ± 0.000056
Sigma 0.04181 ± 0.00006
Δ ϕ
Iter R=0.5
No. of events

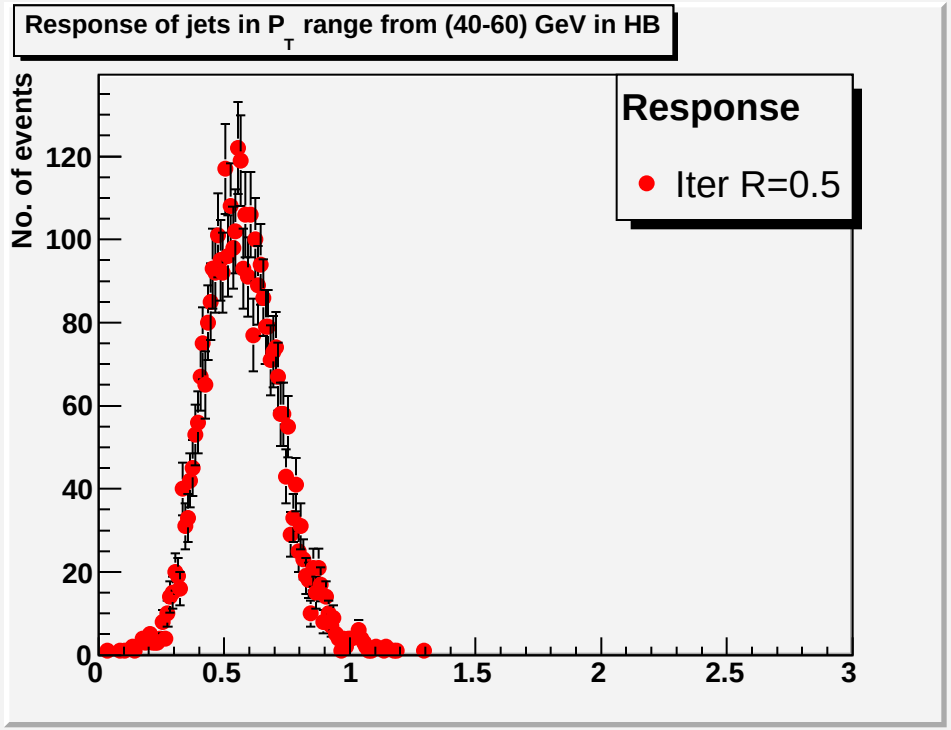

EM Fraction of jets in P_T range from (40-60) GeV in HB
h1JetIter5Rec60HB11
Entries 1717
Mean 0.552
RMS 0.2081
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (40-60) GeV in HE
h1JetIter5Rec60HE11
Entries 2187
Mean 0.4611
RMS 0.1848
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (40-60) GeV in HF
h1JetIter5Rec60HF11
Entries 941
Mean 0.3723
RMS 0.1204
EM Fraction
Iter R=0.5
No. of events
EM Fraction of jets in P_T range from (40-60) GeV in full η range
h1JetIter5Rec60HB25
Entries 4675
Mean 0.4806
RMS 0.1937
EM Fraction
Iter R=0.5
No. of events

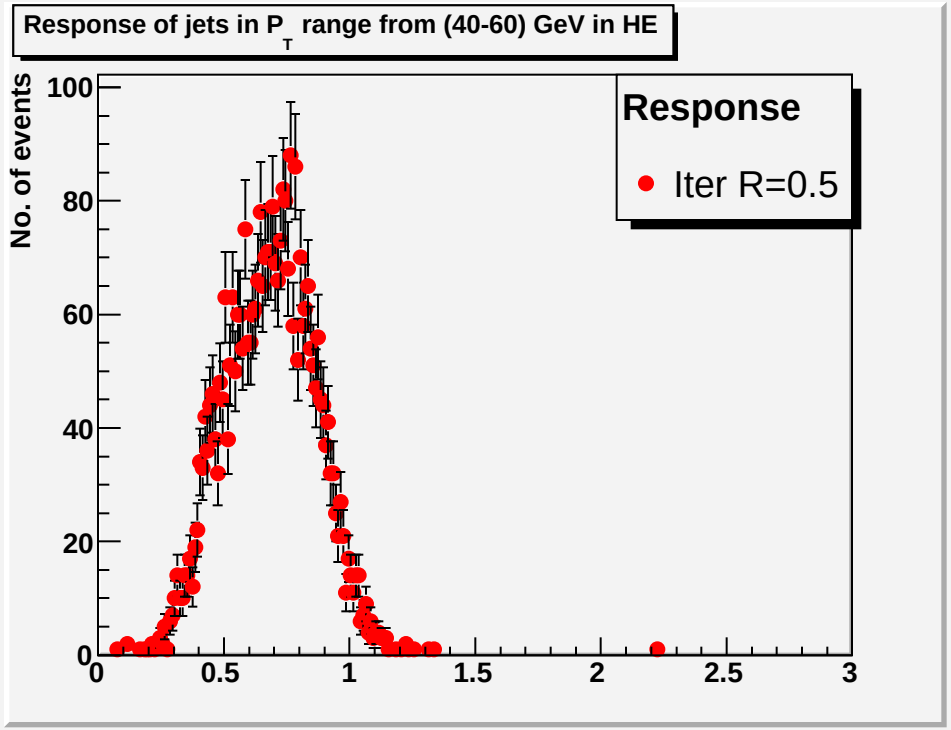

Had. Fraction of jets in P_T range from (40-60) GeV in HB
h1JetIter5Rec60HB12
Entries 1717
Mean 0.448
RMS 0.2081
Had Fraction
Iter R=0.5
No. of events

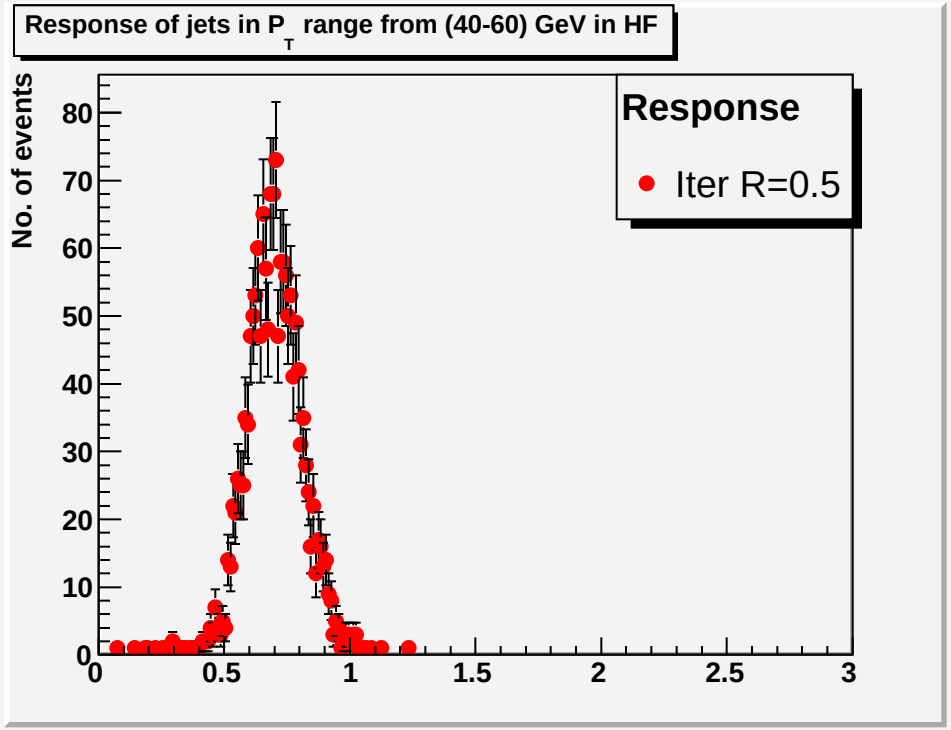

Had. Fraction of jets in P_T range from (40-60) GeV in HE
h1JetIter5Rec60HE12
Entries 2187
Mean 0.5389
RMS 0.1848
Had Fraction
Iter R=0.5
No. of events

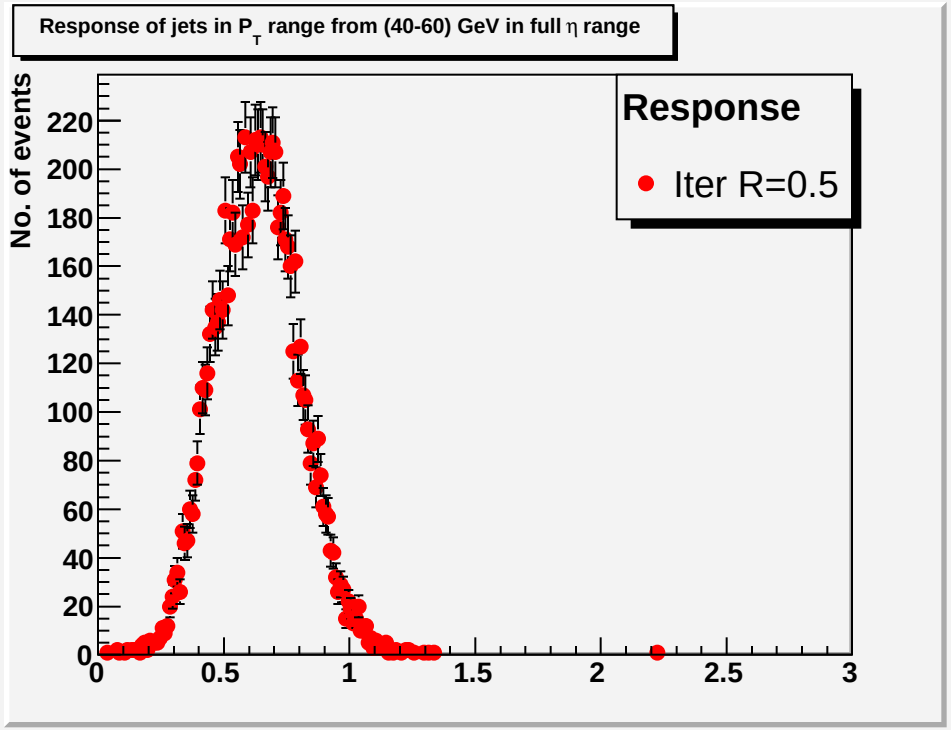

Had. Fraction of jets in P_T range from (40-60) GeV in HF
h1JetIter5Rec60HF12
Entries 941
Mean 0.6277
RMS 0.1204
Had Fraction
Iter R=0.5
No. of events

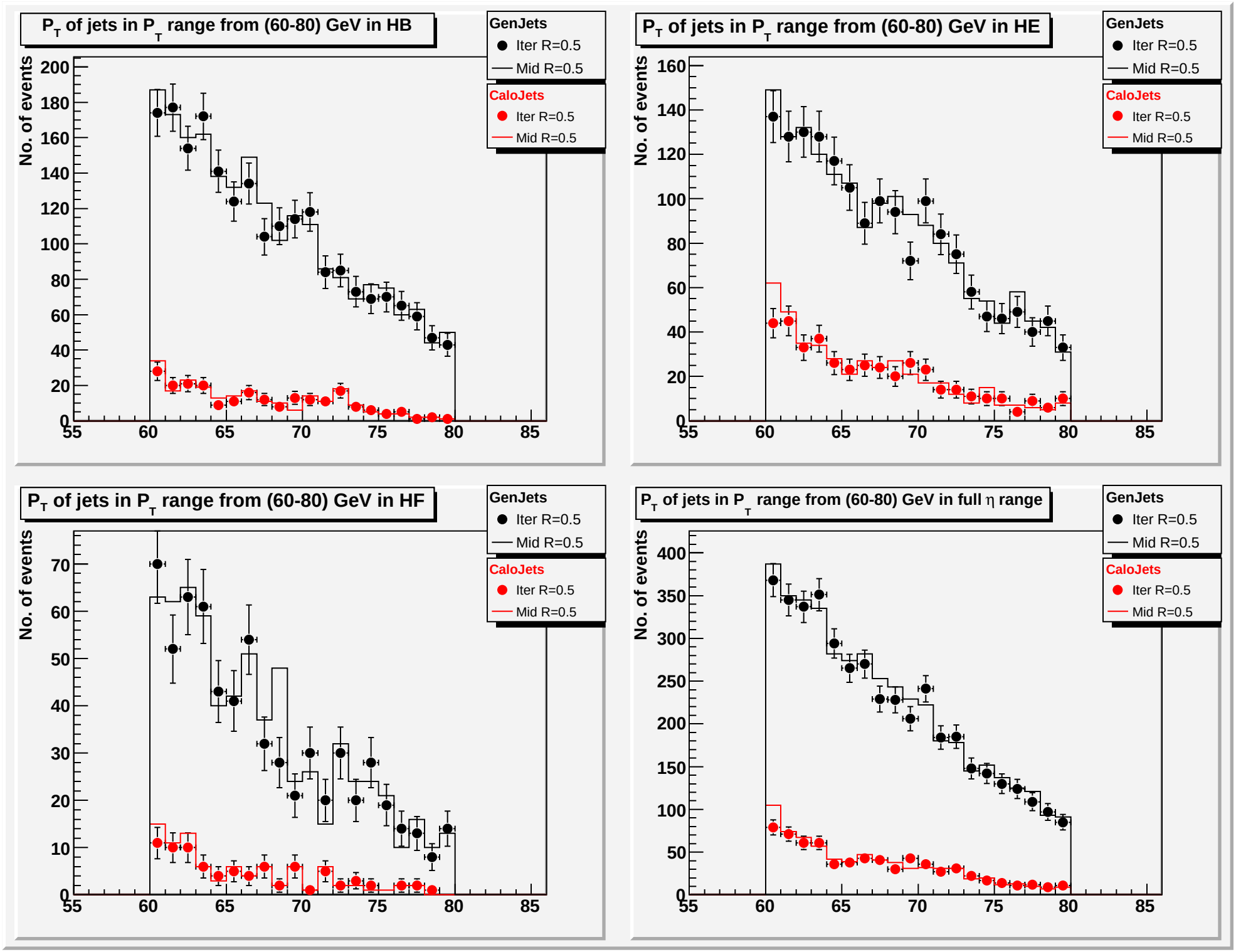

Had. Fraction of jets in P_T range from (40-60) GeV in full η range
h1JetIter5Rec60HB26
Entries 4675
Mean 0.5194
RMS 0.1937
Had Fraction
Iter R=0.5
No. of events

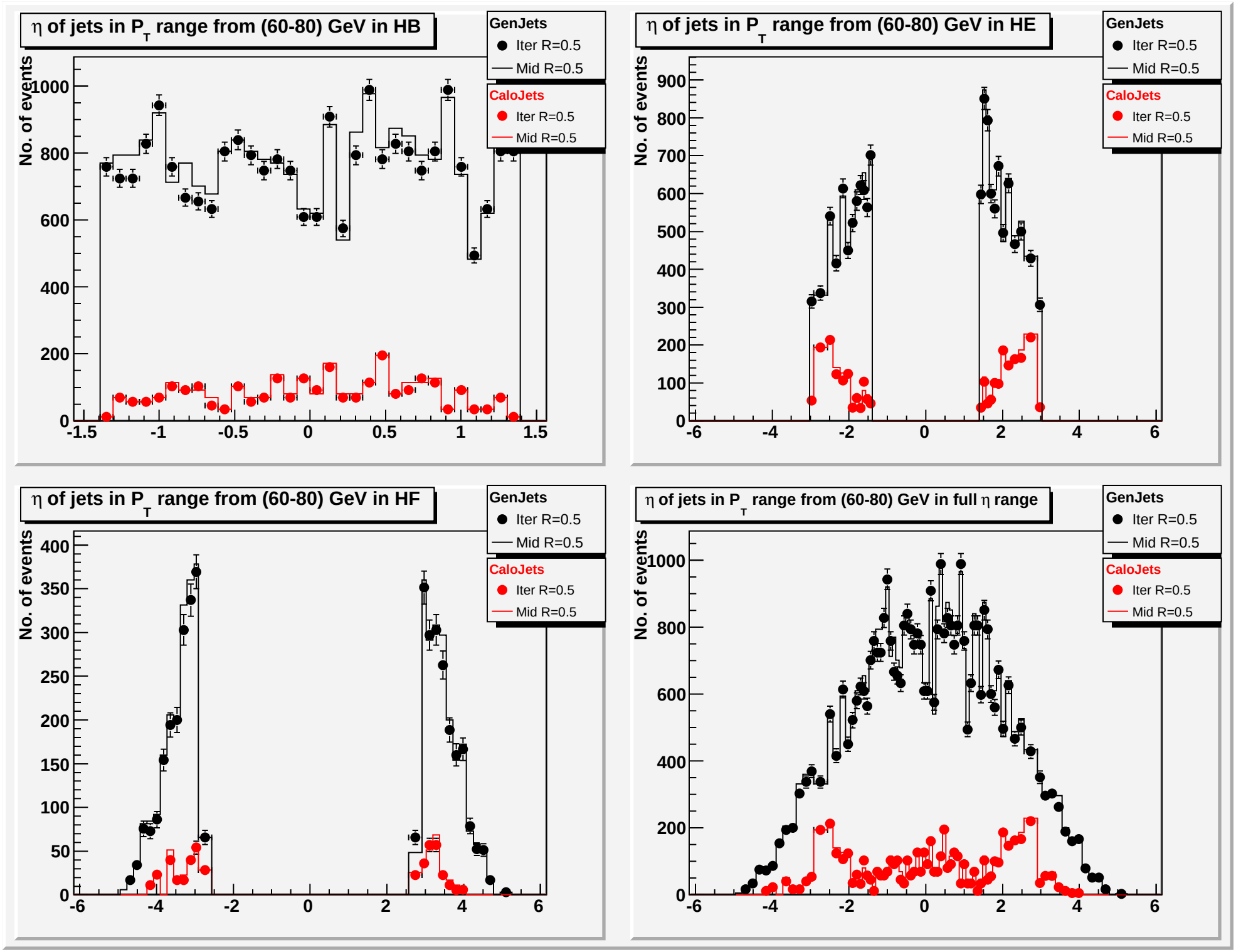

Response of jets in P_T range from (40-60) GeV in HB
No. of events
Response
Iter R=0.5

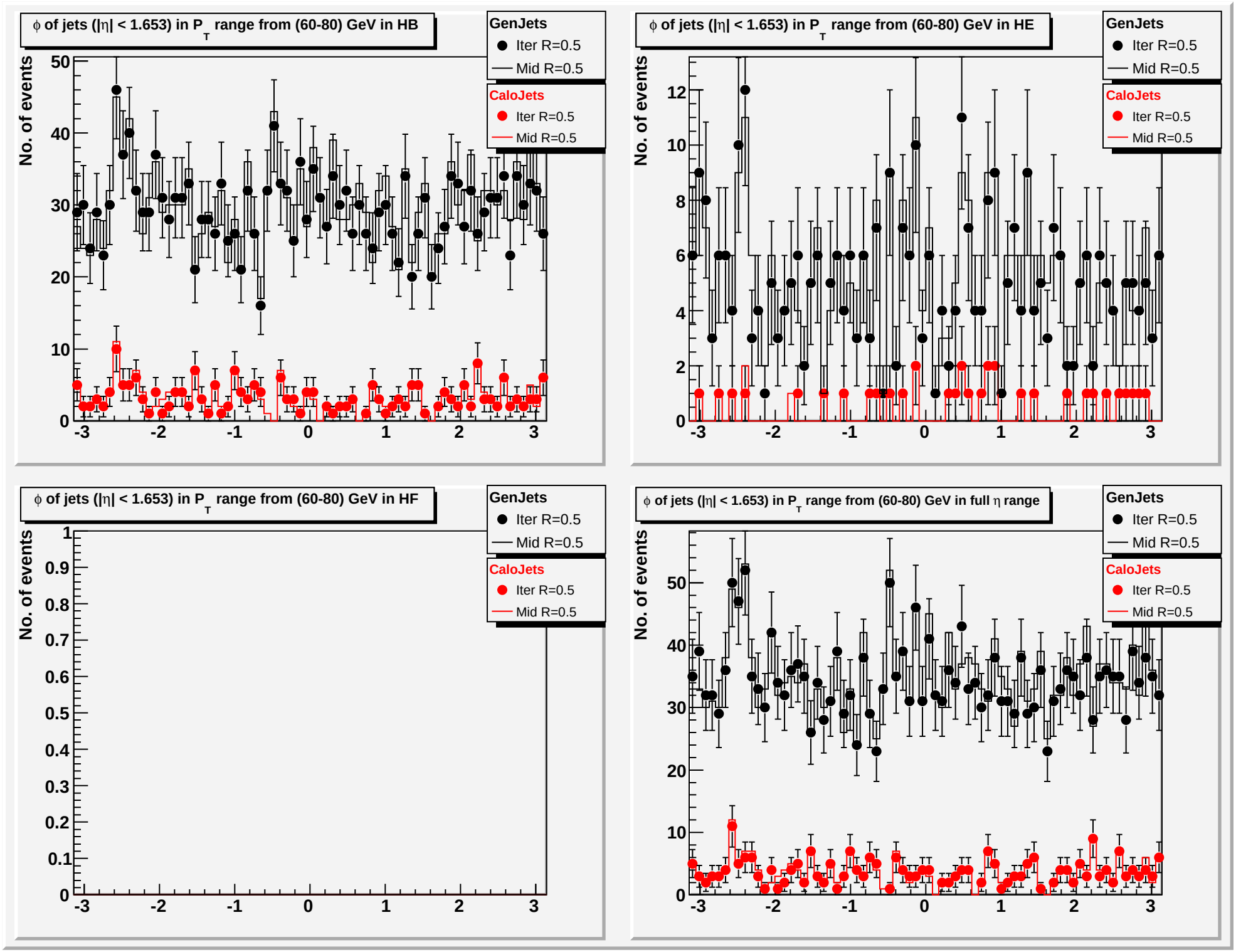

Response of jets in P_T range from (40-60) GeV in HE
No. of events
Response
Iter R=0.5

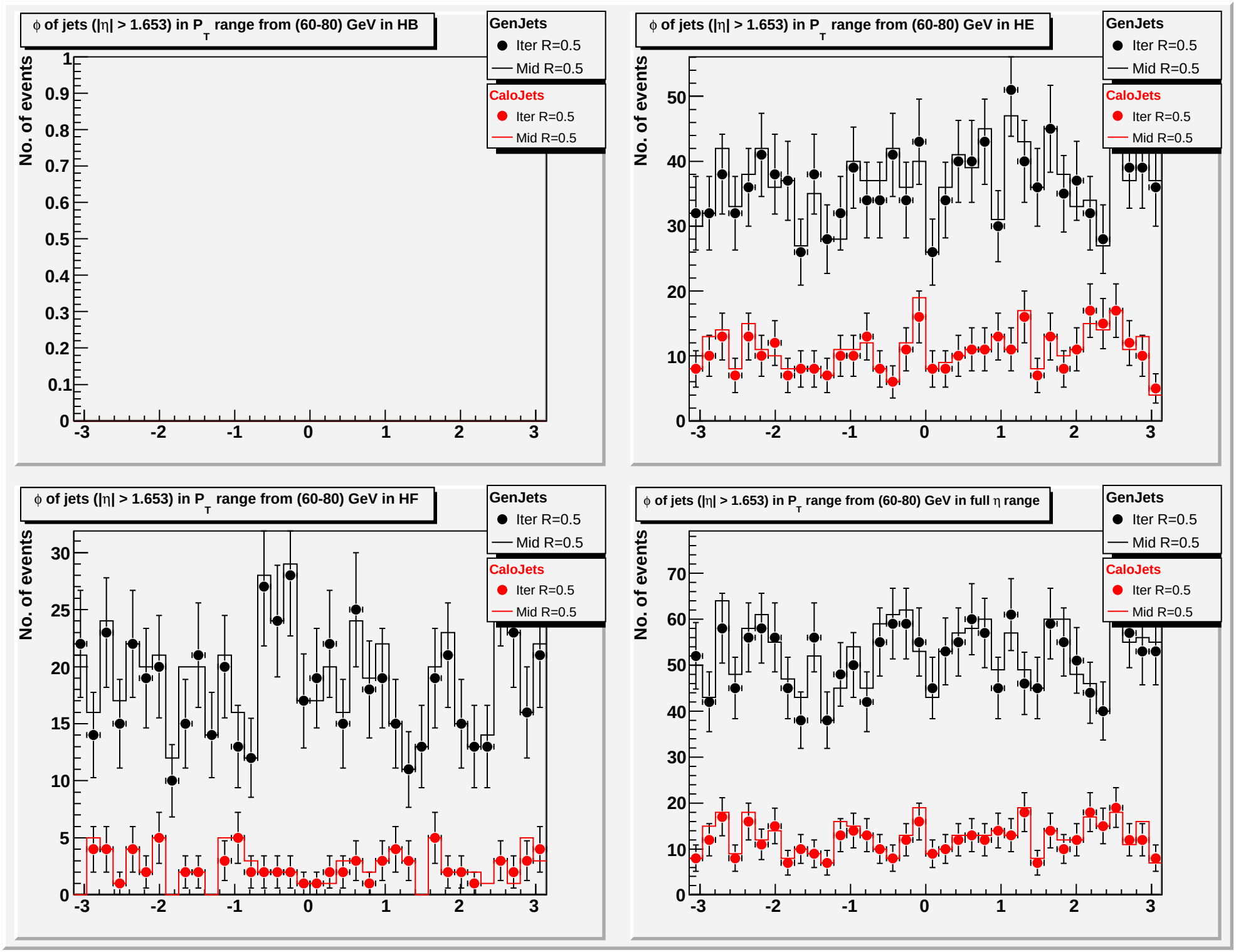

Response of jets in P_T range from (40-60) GeV in HF
No. of events
Response
Iter R=0.5

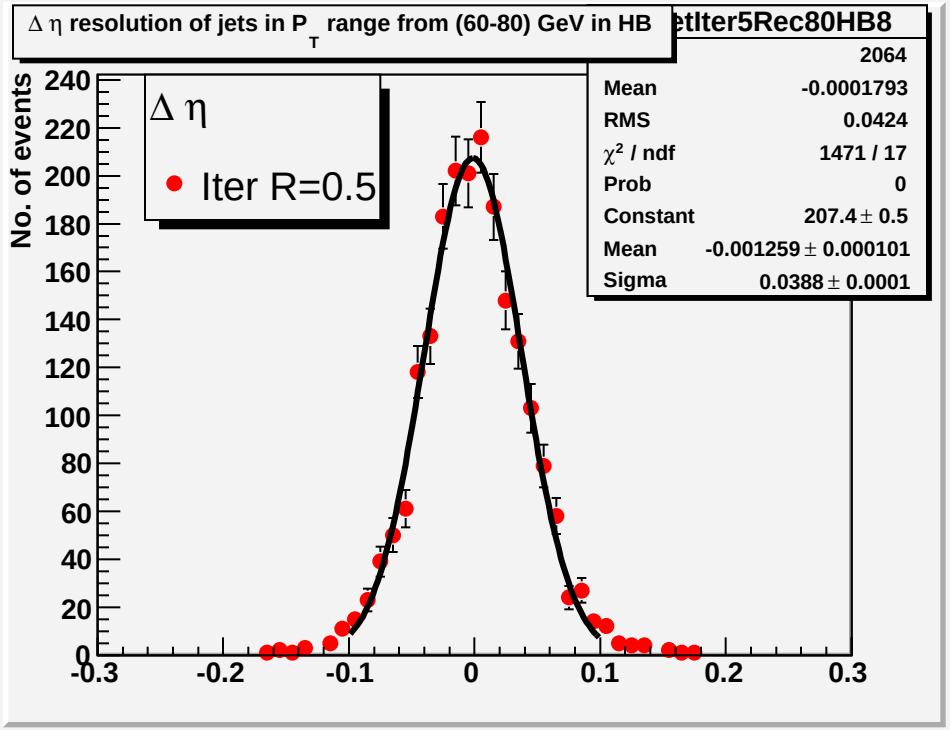

Response of jets in P_T range from (40-60) GeV in full η range
No. of events
Response
Iter R=0.5

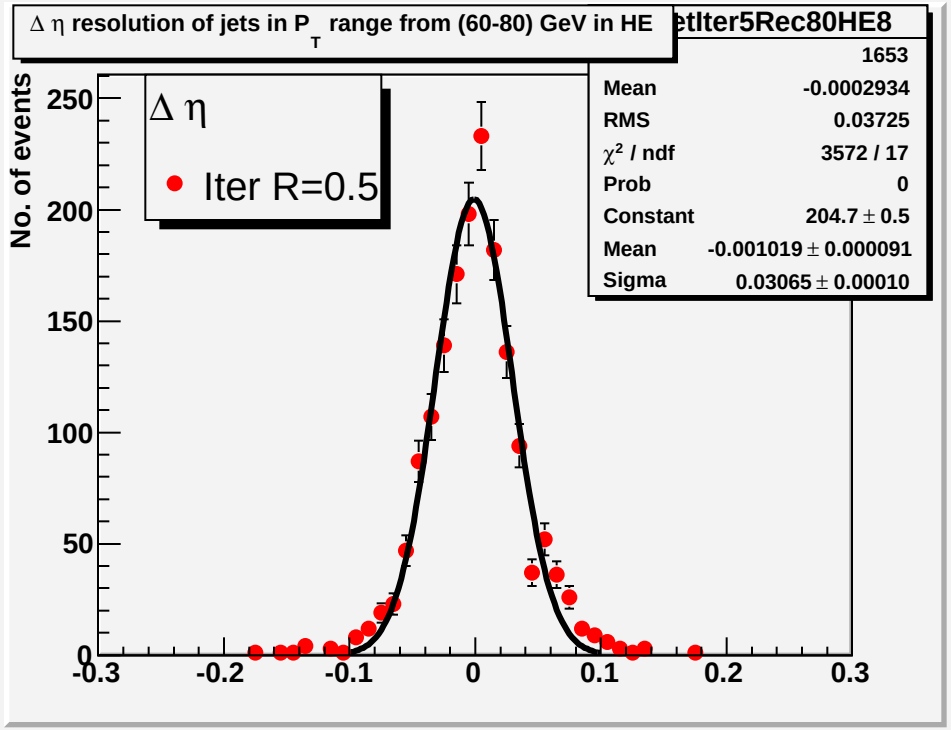

P_T of jets in P_T range from (60-80) GeV in HB
P_T of jets in P_T range from (60-80) GeV in HE
P_T of jets in P_T range from (60-80) GeV in HF
P_T of jets in P_T range from (60-80) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

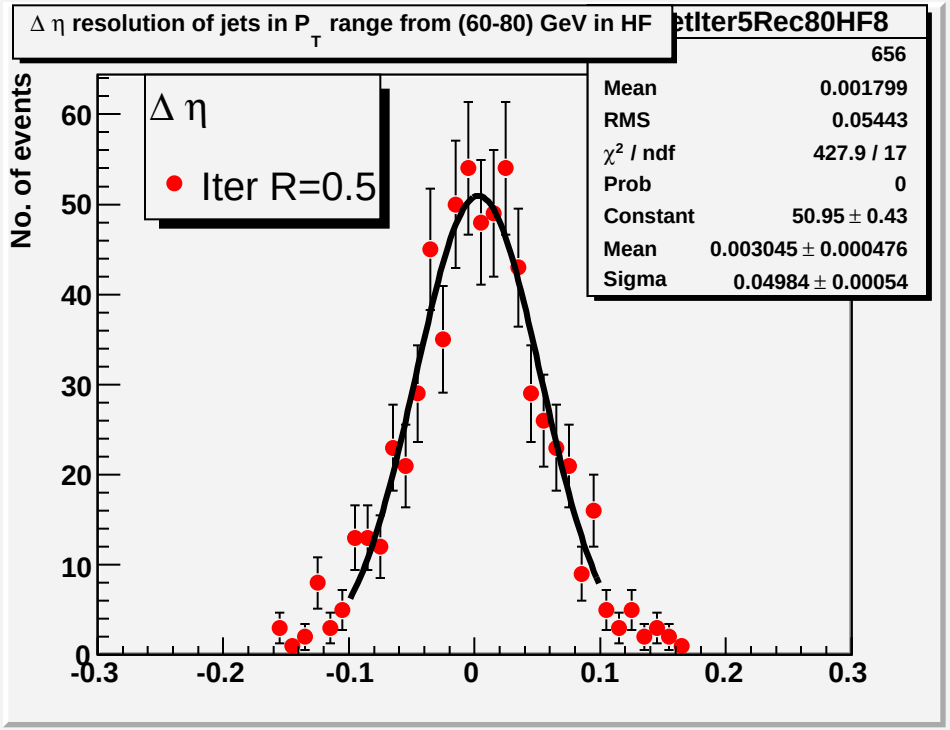

η of jets in P_T range from (60-80) GeV in HB
η of jets in P_T range from (60-80) GeV in HE
η of jets in P_T range from (60-80) GeV in HF
η of jets in P_T range from (60-80) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

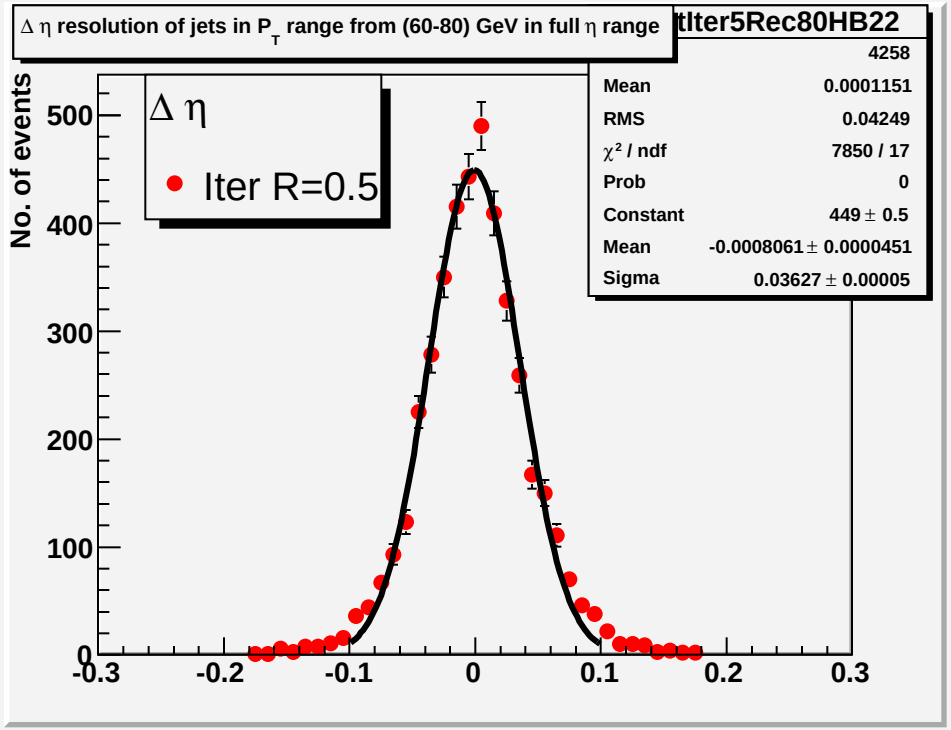

ϕ of jets (|η| < 1.653) in P_T range from (60-80) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (60-80) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (60-80) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (60-80) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

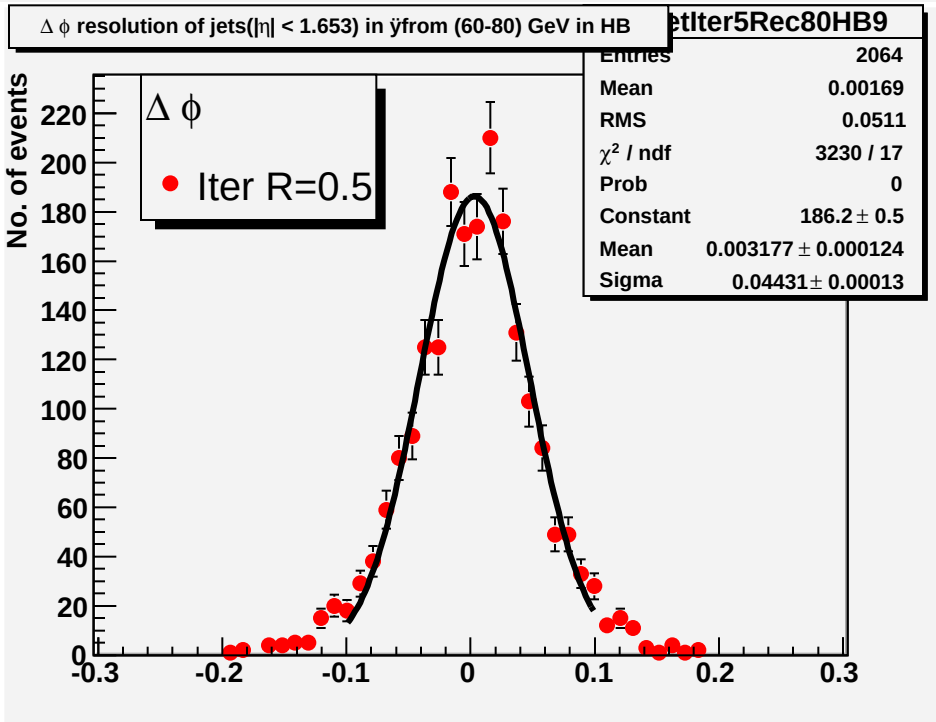

ϕ of jets (|η| > 1.653) in P_T range from (60-80) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (60-80) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (60-80) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (60-80) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

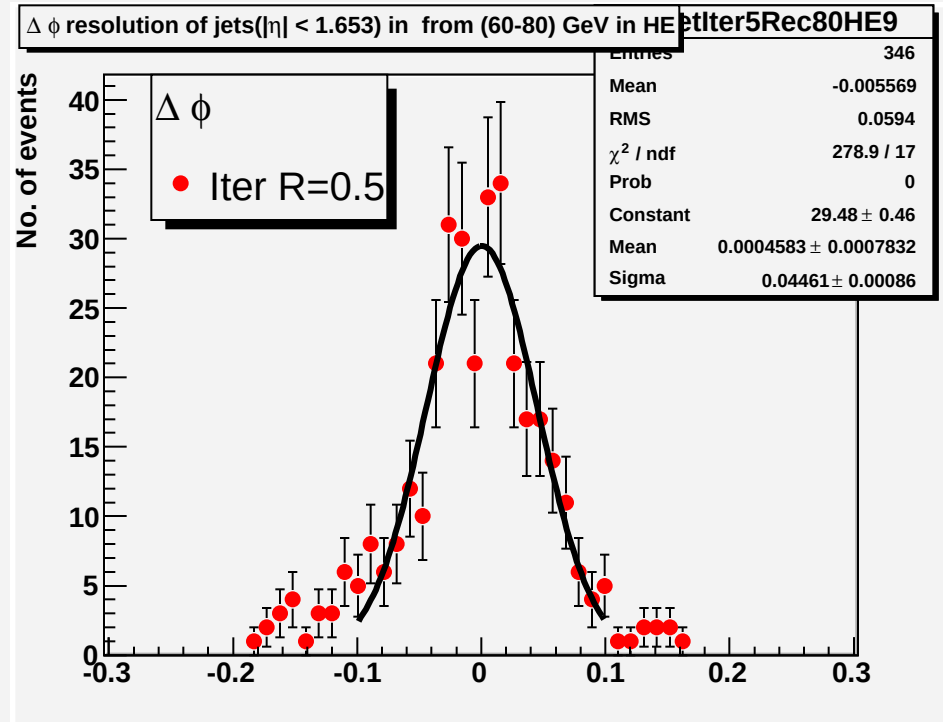

Δ η resolution of jets in P_T range from (60-80) GeV in HB
etIter5Rec80HB8
2064
Mean -0.0001793
RMS 0.0424
χ² / ndf 1471 / 17
Prob 0
Constant 207.4 ± 0.5
Mean -0.001259 ± 0.000101
Sigma 0.0388 ± 0.0001
Δ η
Iter R=0.5
No. of events

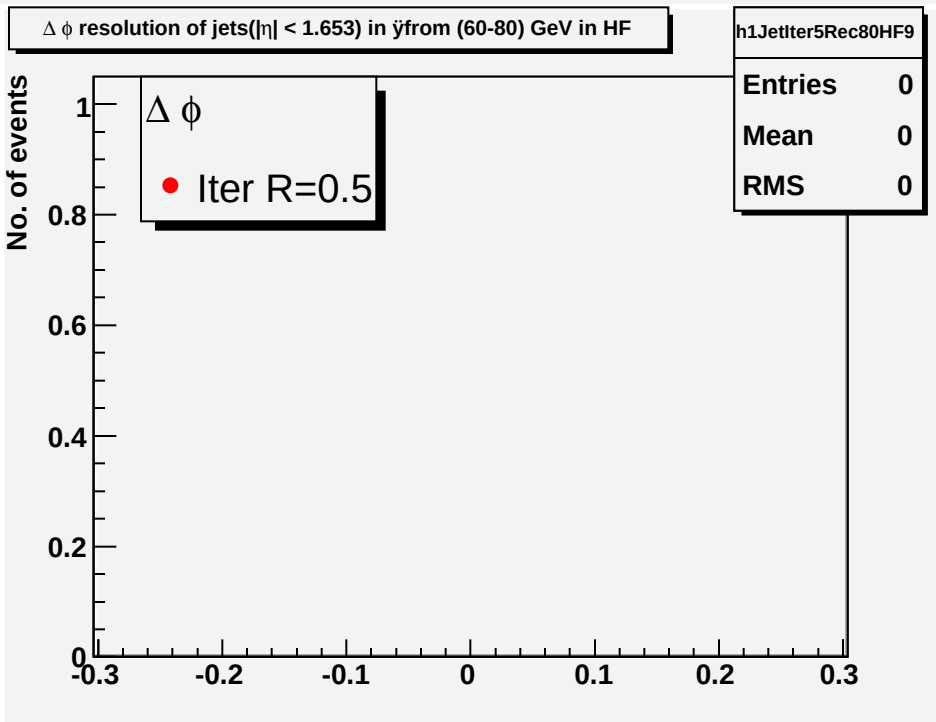

Δ η resolution of jets in P_T range from (60-80) GeV in HE
etIter5Rec80HE8
1653
Mean -0.0002934
RMS 0.03725
χ² / ndf 3572 / 17
Prob 0
Constant 204.7 ± 0.5
Mean -0.001019 ± 0.000091
Sigma 0.03065 ± 0.00010
Δ η
Iter R=0.5
No. of events

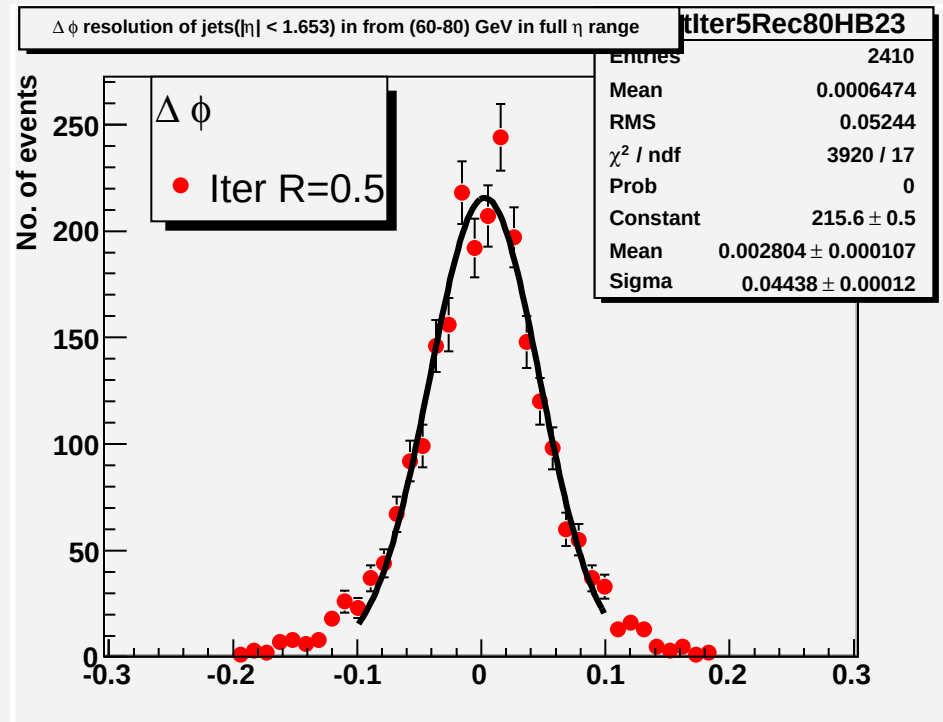

Δ η resolution of jets in P_T range from (60-80) GeV in HF
etIter5Rec80HF8
656
Mean 0.001799
RMS 0.05443
χ² / ndf 427.9 / 17
Prob 0
Constant 50.95 ± 0.43
Mean 0.003045 ± 0.000476
Sigma 0.04984 ± 0.00054
Δ η
Iter R=0.5
No. of events

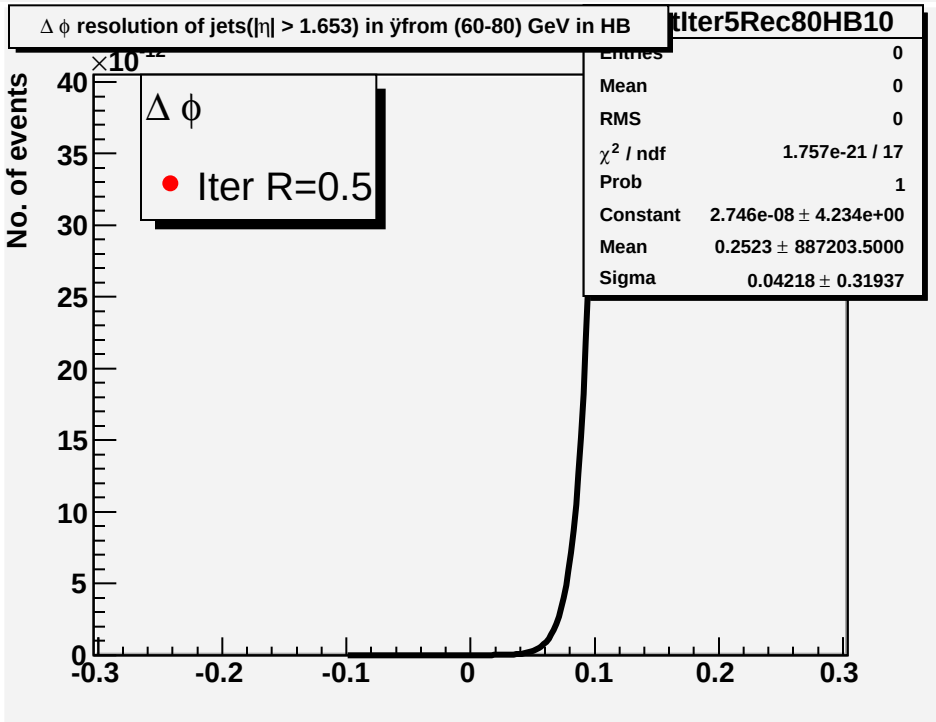

Δ η resolution of jets in P_T range from (60-80) GeV in full η range
tIter5Rec80HB22
4258
Mean 0.0001151
RMS 0.04249
χ² / ndf 7850 / 17
Prob 0
Constant 449 ± 0.5
Mean -0.0008061 ± 0.0000451
Sigma 0.03627 ± 0.00005
Δ η
Iter R=0.5
No. of events

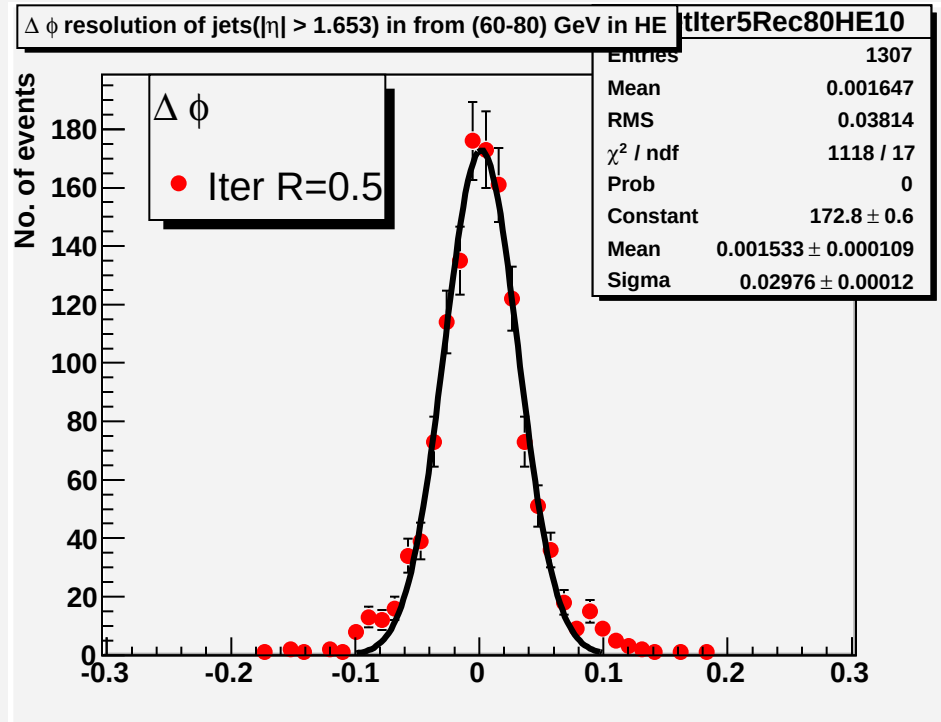

Δ ϕ resolution of jets(|η| < 1.653) in ÿfrom (60-80) GeV in HB
etIter5Rec80HB9
Entries 2064
Mean 0.00169
RMS 0.0511
χ² / ndf 3230 / 17
Prob 0
Constant 186.2 ± 0.5
Mean 0.003177 ± 0.000124
Sigma 0.04431 ± 0.00013
Δ ϕ
Iter R=0.5
No. of events

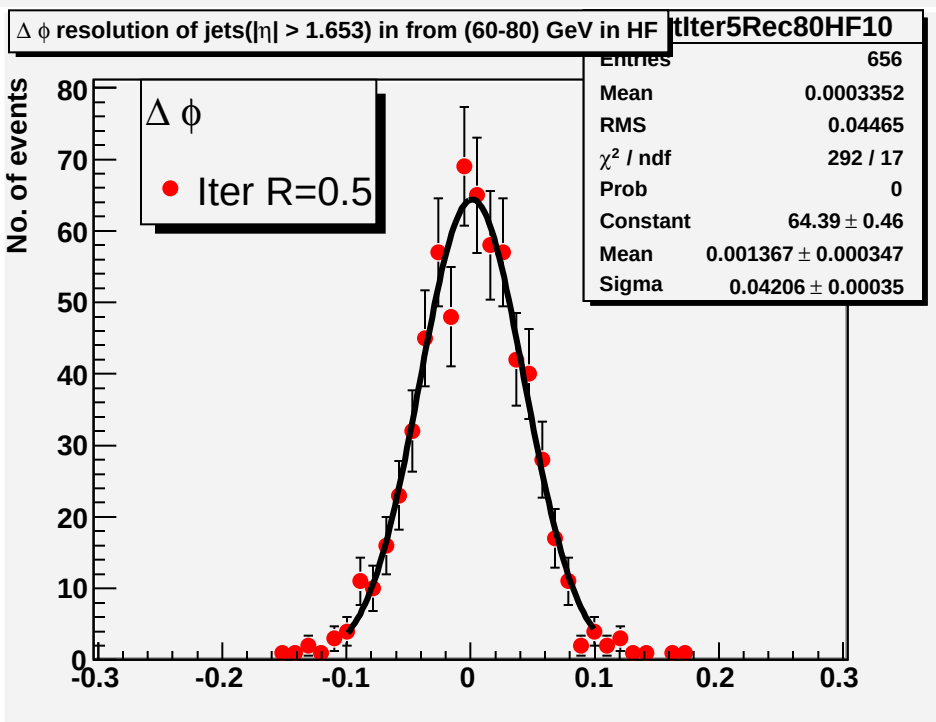

Δ ϕ resolution of jets(|η| < 1.653) in from (60-80) GeV in HE
etIter5Rec80HE9
Entries 346
Mean -0.005569
RMS 0.0594
χ² / ndf 278.9 / 17
Prob 0
Constant 29.48 ± 0.46
Mean 0.0004583 ± 0.0007832
Sigma 0.04461 ± 0.00086
Δ ϕ
Iter R=0.5
No. of events

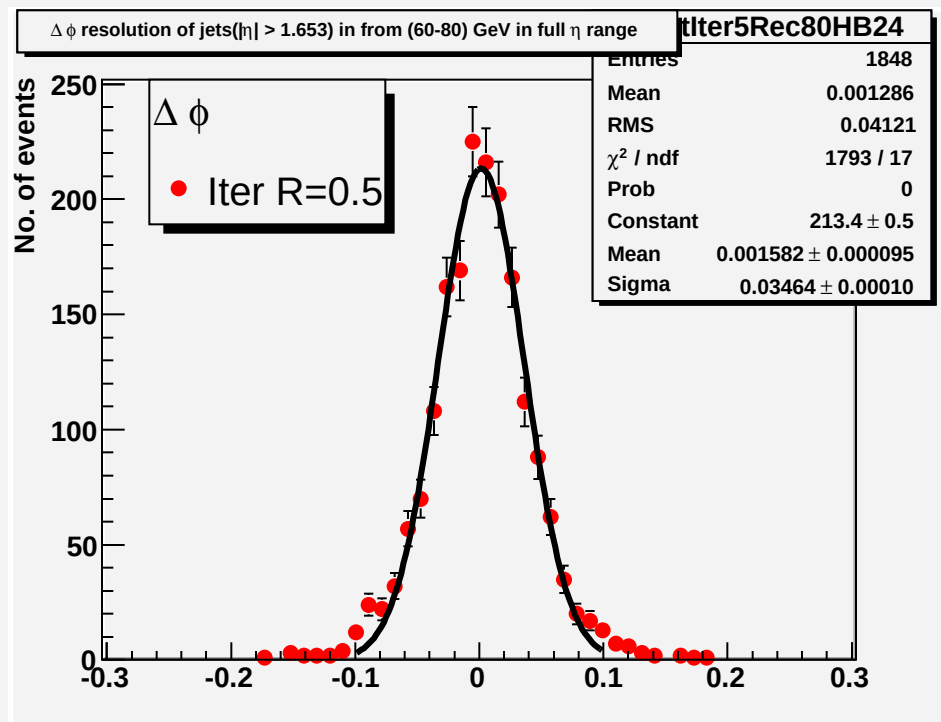

Δ ϕ resolution of jets(|η| < 1.653) in ÿfrom (60-80) GeV in HF
h1JetIter5Rec80HF9
Entries 0
Mean 0
RMS 0
Δ ϕ
Iter R=0.5
No. of events

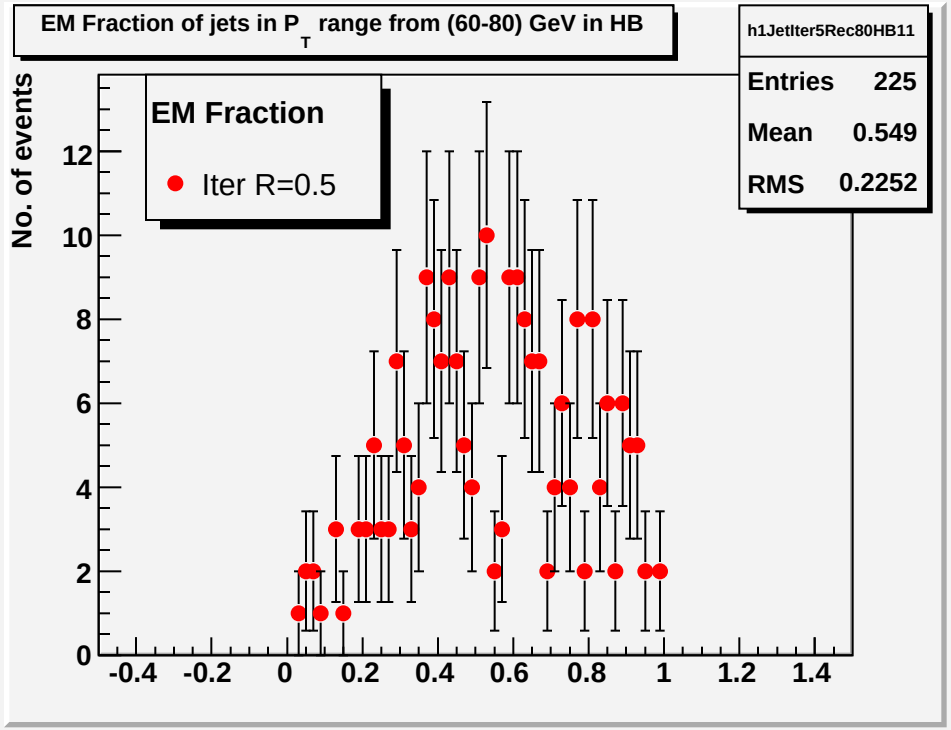

Δ ϕ resolution of jets(|η| < 1.653) in from (60-80) GeV in full η range
tIter5Rec80HB23
Entries 2410
Mean 0.0006474
RMS 0.05244
χ² / ndf 3920 / 17
Prob 0
Constant 215.6 ± 0.5
Mean 0.002804 ± 0.000107
Sigma 0.04438 ± 0.00012
Δ ϕ
Iter R=0.5
No. of events

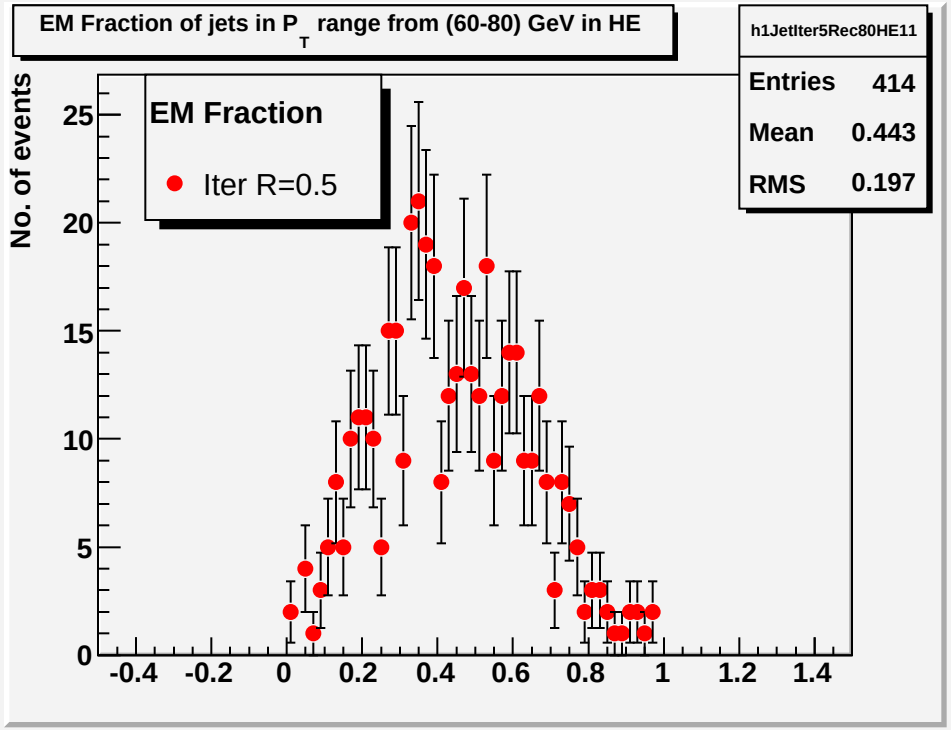

Δ ϕ resolution of jets(|η| > 1.653) in ÿfrom (60-80) GeV in HB
tIter5Rec80HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 1.757e-21 / 17
Prob 1
Constant 2.746e-08 ± 4.234e+00
Mean 0.2523 ± 887203.5000
Sigma 0.04218 ± 0.31937
Δ ϕ
Iter R=0.5
No. of events
×10¹²

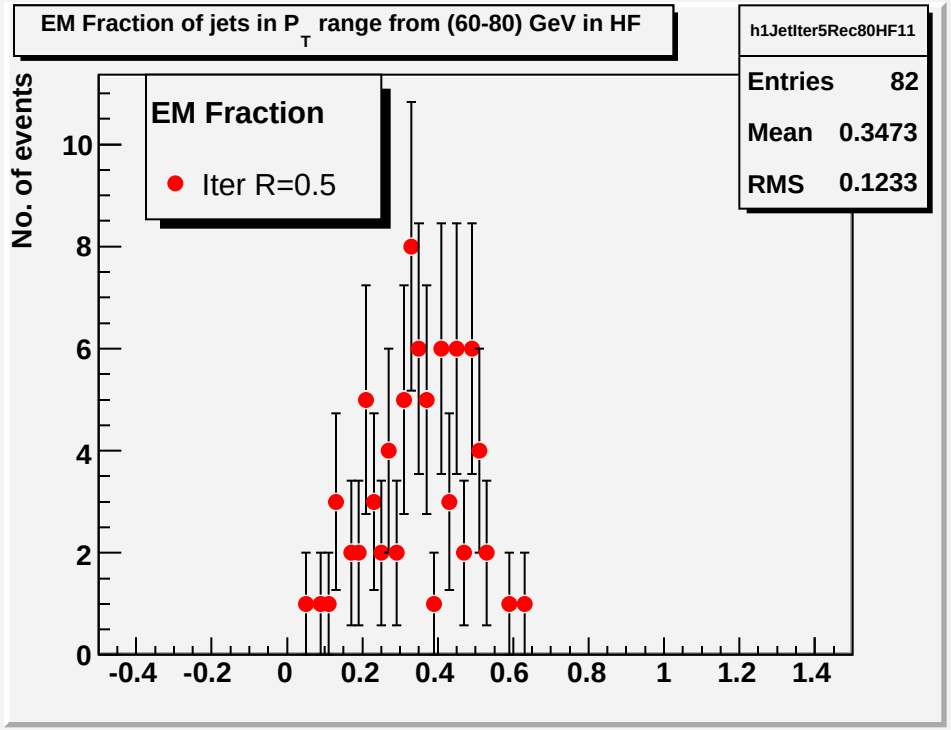

Δ ϕ resolution of jets(|η| > 1.653) in from (60-80) GeV in HE
tIter5Rec80HE10
Entries 1307
Mean 0.001647
RMS 0.03814
χ² / ndf 1118 / 17
Prob 0
Constant 172.8 ± 0.6
Mean 0.001533 ± 0.000109
Sigma 0.02976 ± 0.00012
Δ ϕ
Iter R=0.5
No. of events

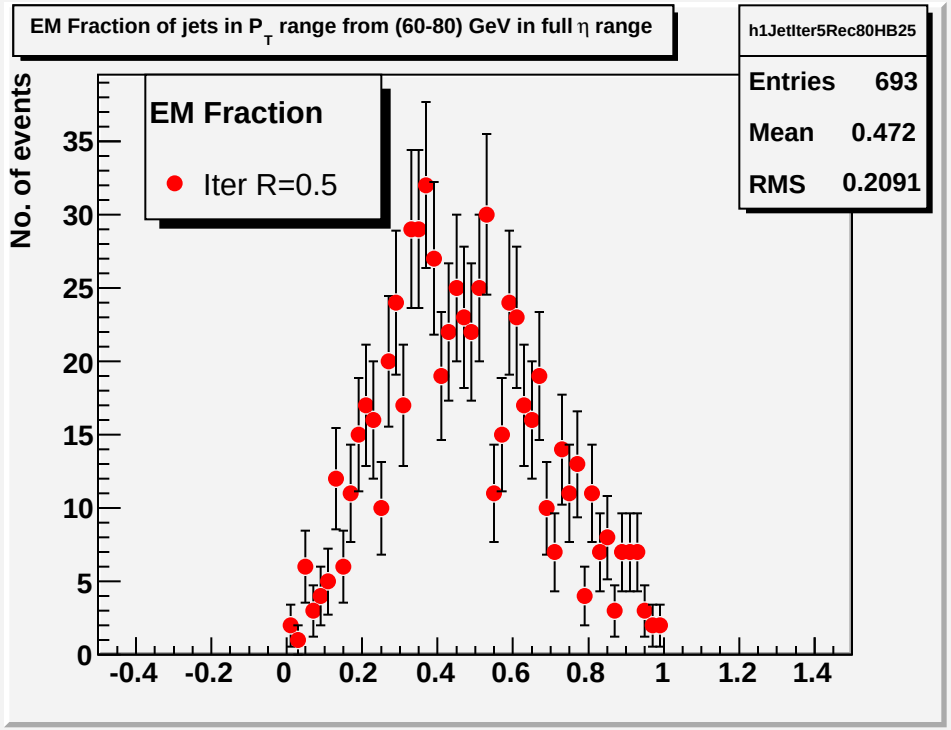

Δ ϕ resolution of jets(|η| > 1.653) in from (60-80) GeV in HF
tIter5Rec80HF10
Entries 656
Mean 0.0003352
RMS 0.04465
χ² / ndf 292 / 17
Prob 0
Constant 64.39 ± 0.46
Mean 0.001367 ± 0.000347
Sigma 0.04206 ± 0.00035
Δ ϕ
Iter R=0.5
No. of events

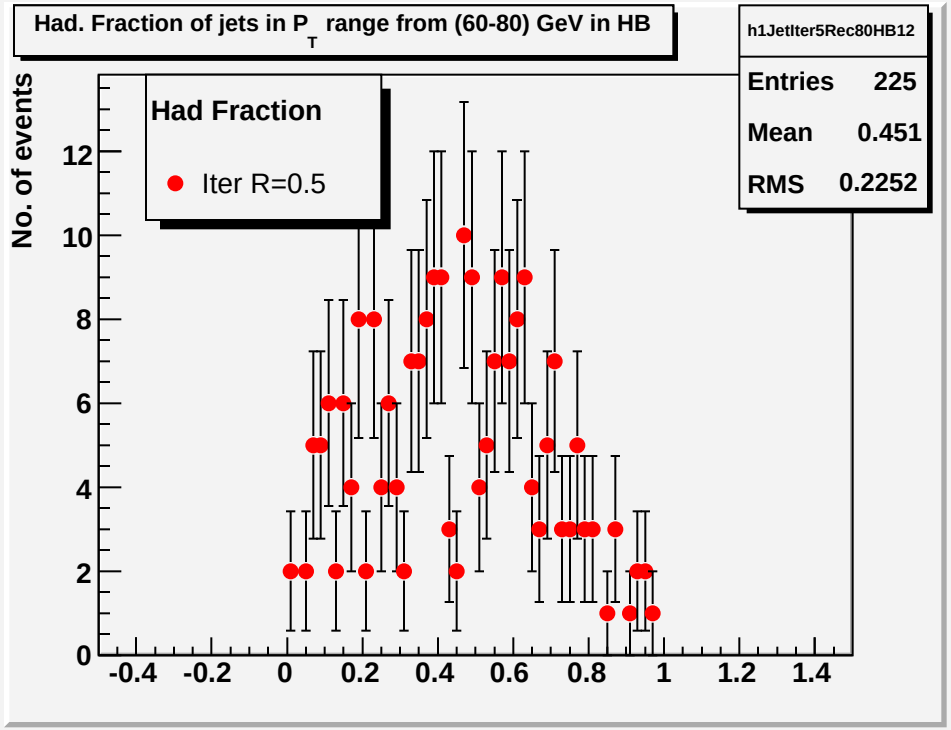

Δ ϕ resolution of jets(|η| > 1.653) in from (60-80) GeV in full η range
tIter5Rec80HB24
Entries 1848
Mean 0.001286
RMS 0.04121
χ² / ndf 1793 / 17
Prob 0
Constant 213.4 ± 0.5
Mean 0.001582 ± 0.000095
Sigma 0.03464 ± 0.00010
Δ ϕ
Iter R=0.5
No. of events

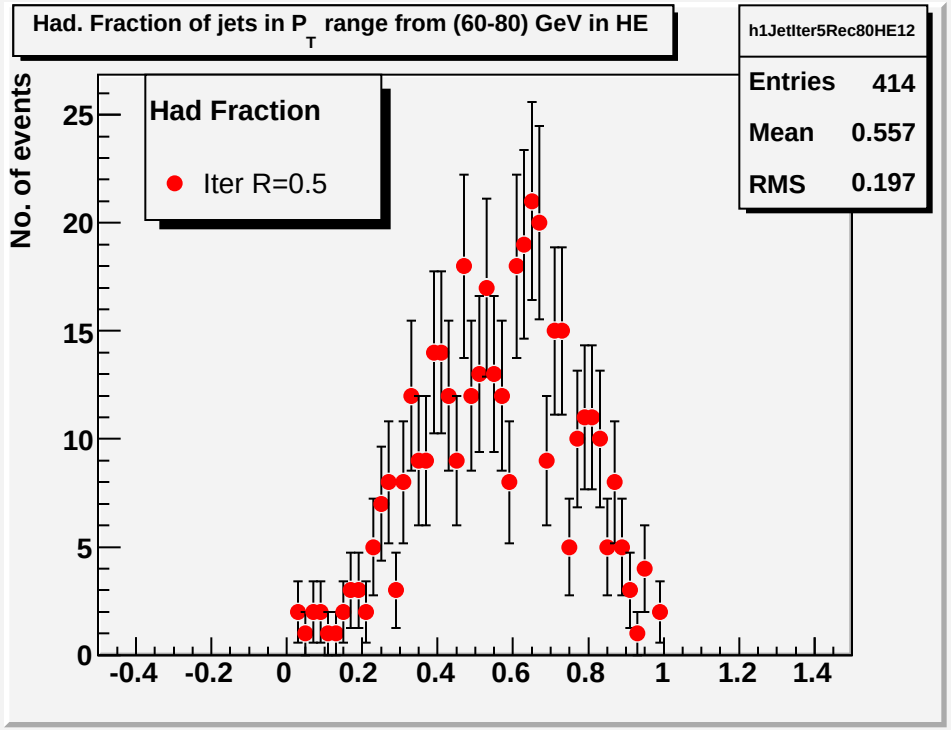

EM Fraction of jets in P_T range from (60-80) GeV in HB
h1JetIter5Rec80HB11
Entries 225
Mean 0.549
RMS 0.2252
EM Fraction
Iter R=0.5
No. of events

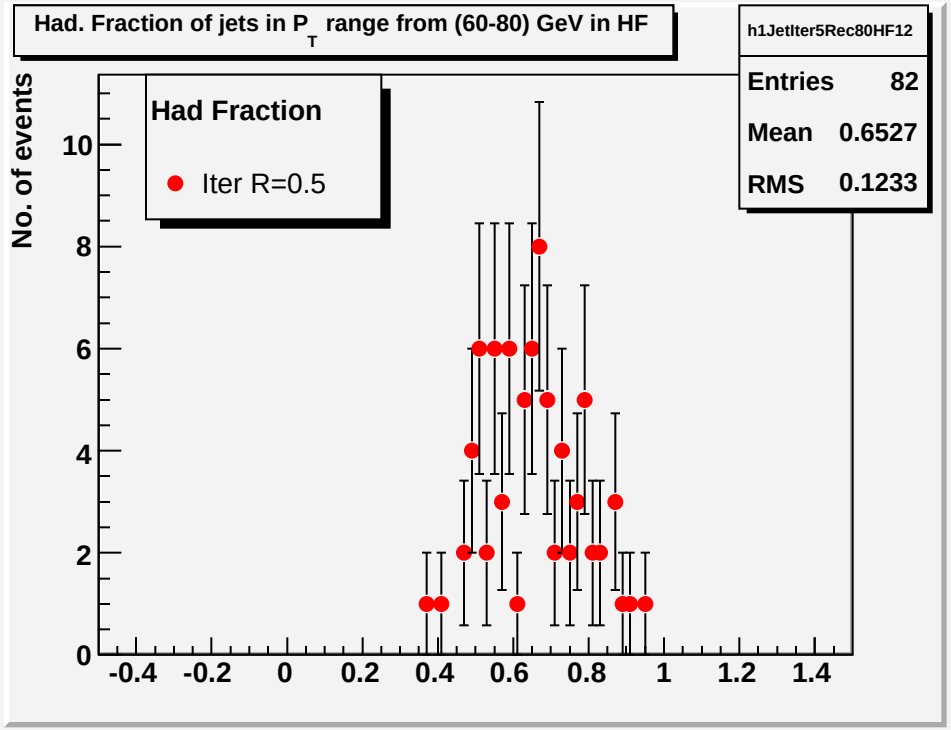

EM Fraction of jets in P_T range from (60-80) GeV in HE
h1JetIter5Rec80HE11
Entries 414
Mean 0.443
RMS 0.197
EM Fraction
Iter R=0.5
No. of events

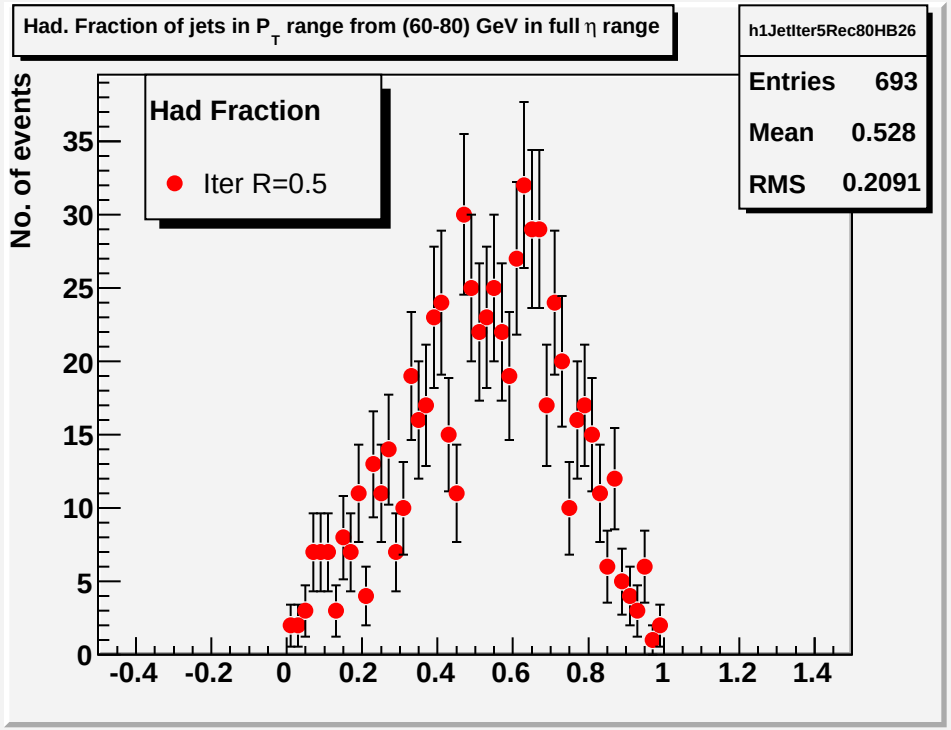

EM Fraction of jets in P_T range from (60-80) GeV in HF
h1JetIter5Rec80HF11
Entries 82
Mean 0.3473
RMS 0.1233
EM Fraction
Iter R=0.5
No. of events

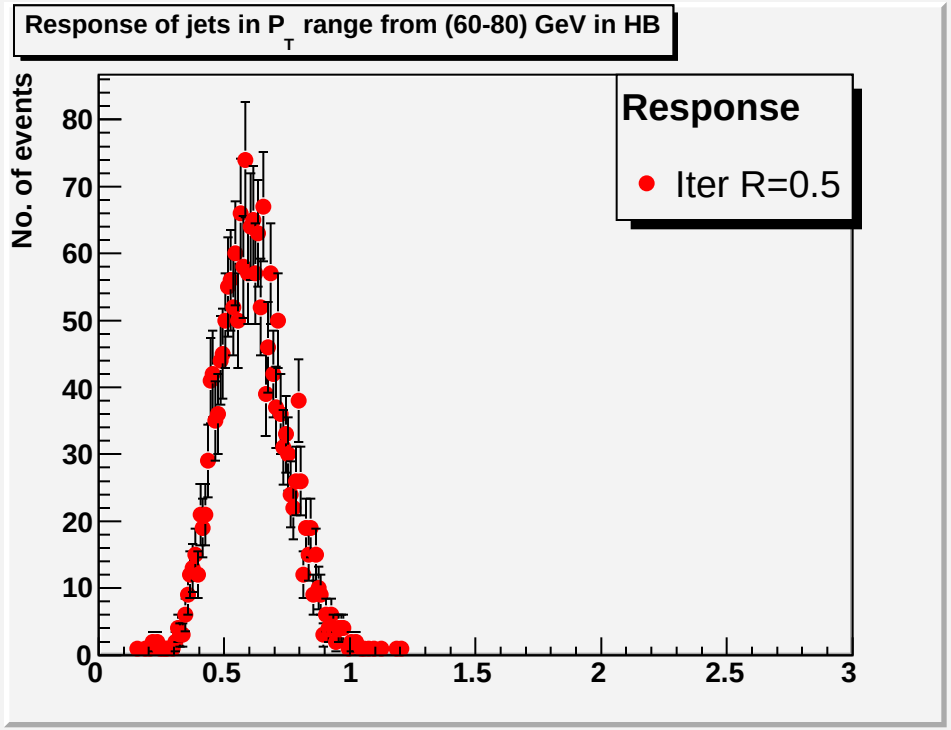

EM Fraction of jets in P_T range from (60-80) GeV in full η range
h1JetIter5Rec80HB25
Entries 693
Mean 0.472
RMS 0.2091
EM Fraction
Iter R=0.5
No. of events

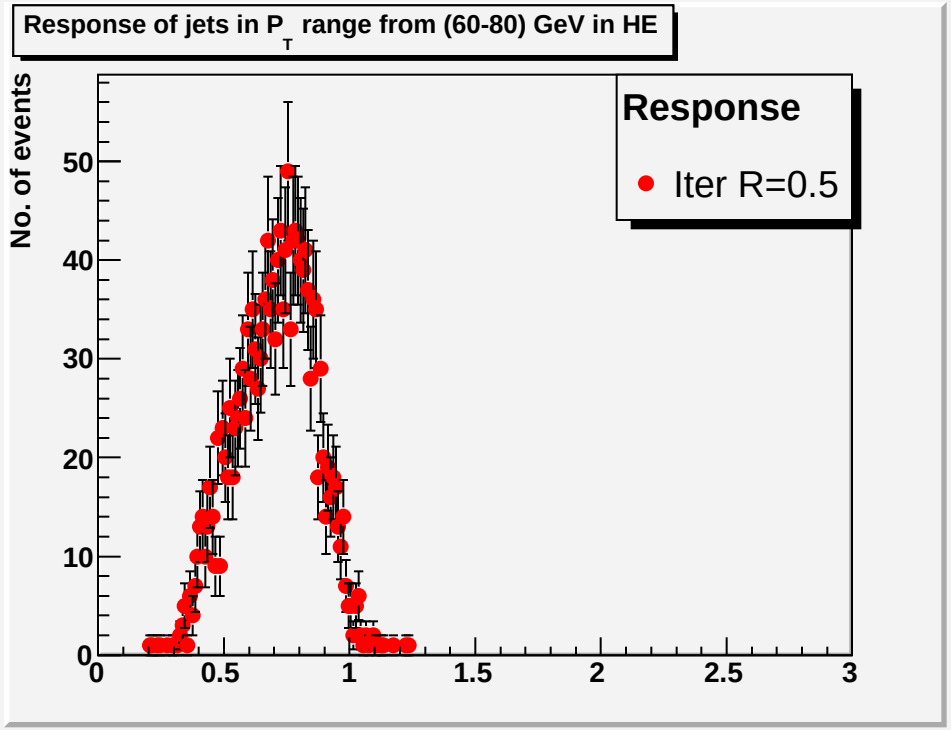

Had. Fraction of jets in P_T range from (60-80) GeV in HB
h1JetIter5Rec80HB12
Entries 225
Mean 0.451
RMS 0.2252
Had Fraction
Iter R=0.5
No. of events

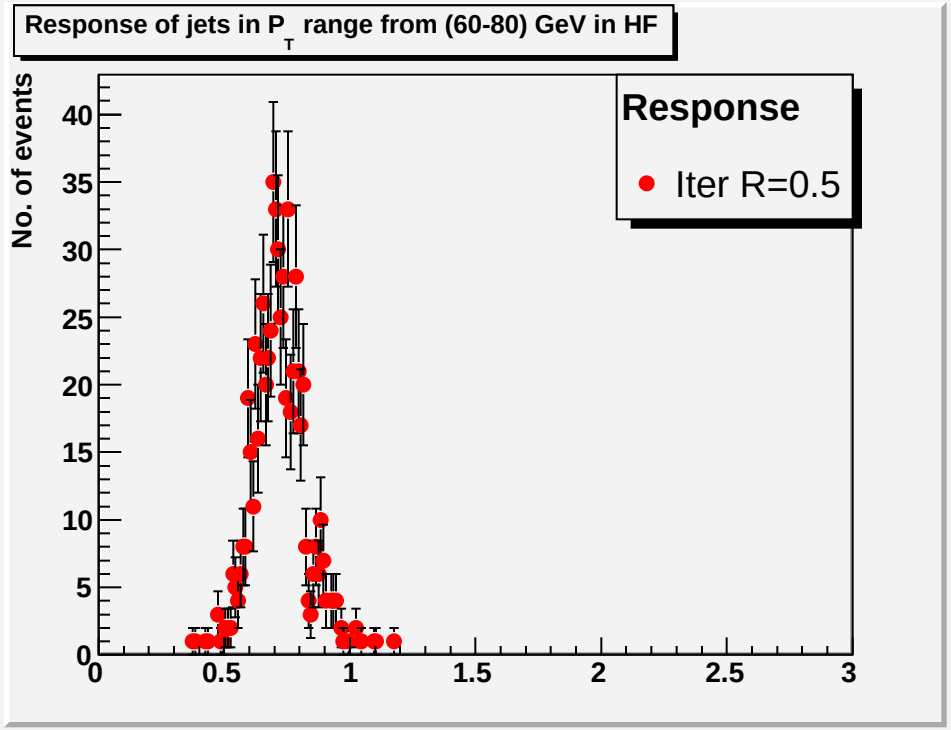

Had. Fraction of jets in P_T range from (60-80) GeV in HE
h1JetIter5Rec80HE12
Entries 414
Mean 0.557
RMS 0.197
Had Fraction
Iter R=0.5
No. of events

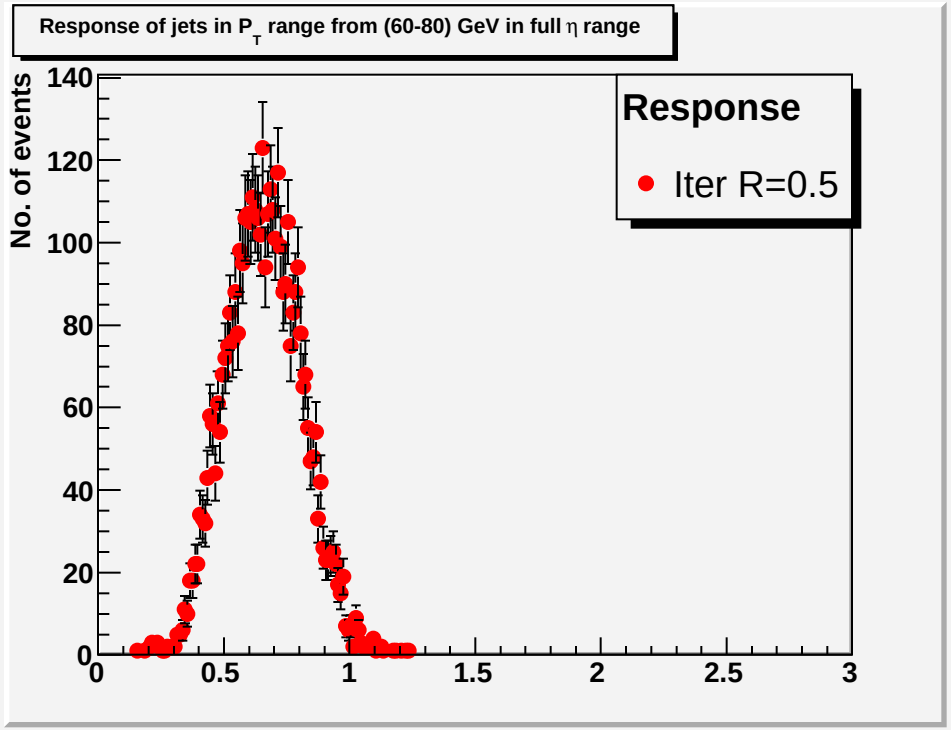

Had. Fraction of jets in P_T range from (60-80) GeV in HF
h1JetIter5Rec80HF12
Entries 82
Mean 0.6527
RMS 0.1233
Had Fraction
Iter R=0.5
No. of events

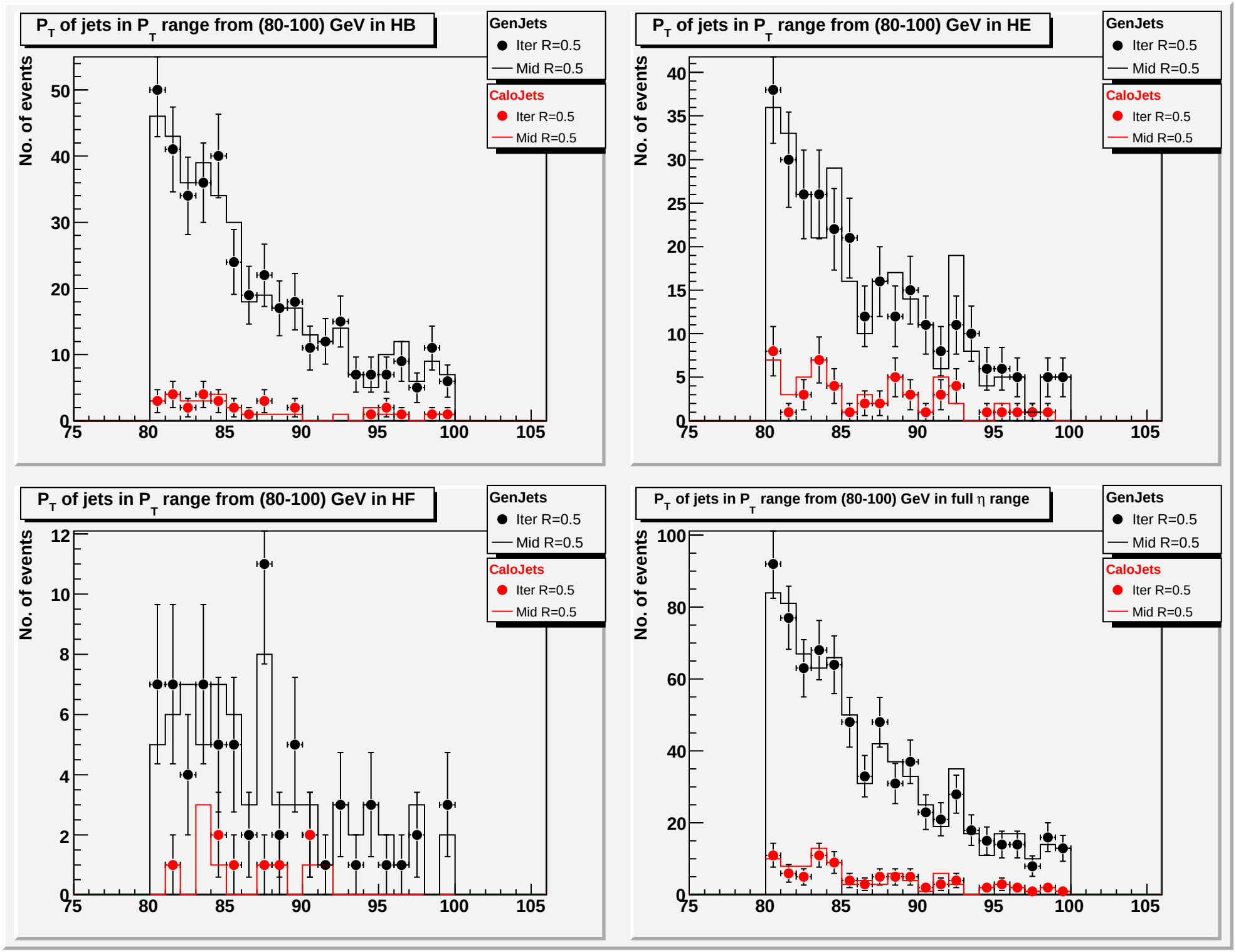

Had. Fraction of jets in P_T range from (60-80) GeV in full η range
h1JetIter5Rec80HB26
Entries 693
Mean 0.528
RMS 0.2091
Had Fraction
Iter R=0.5
No. of events

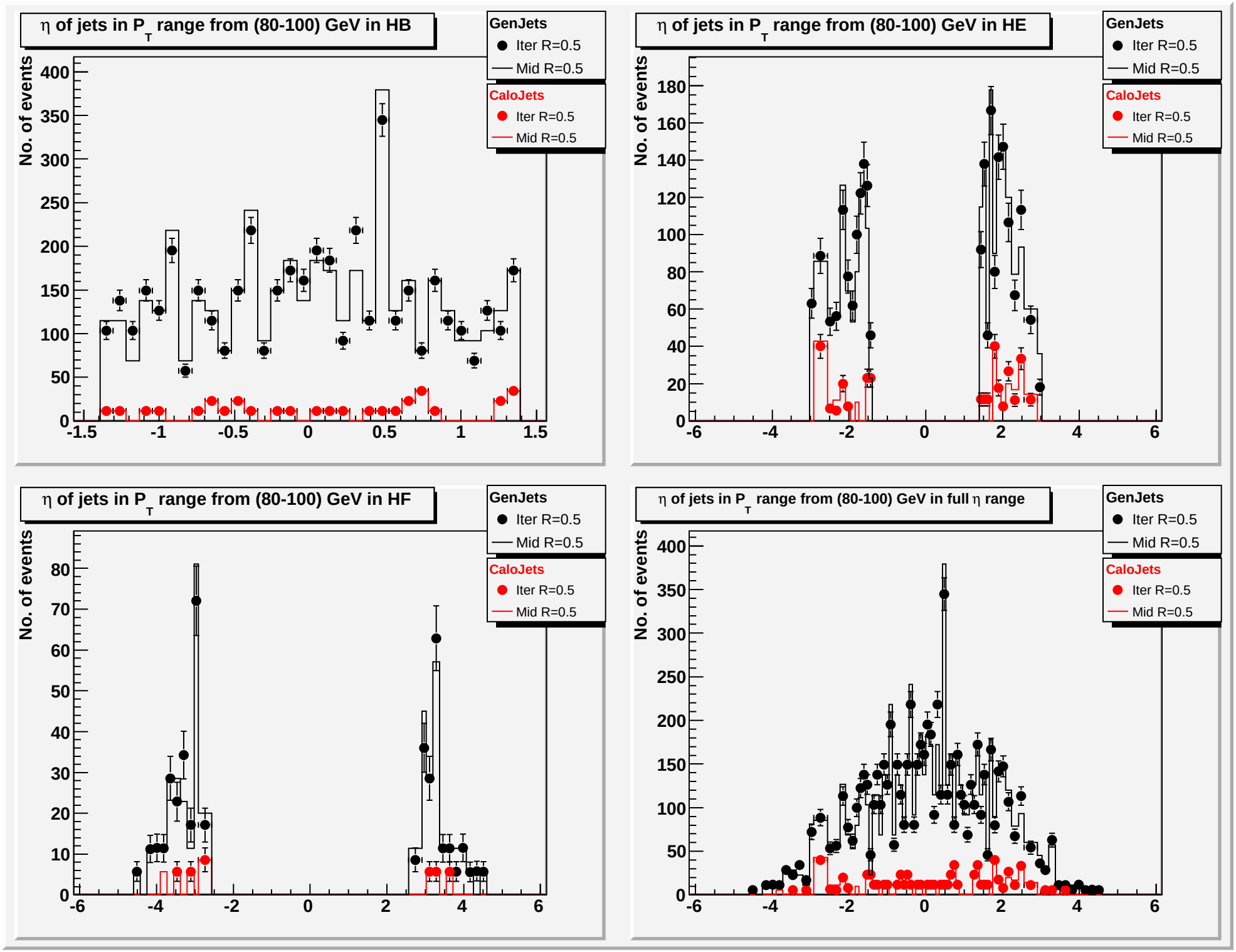

Response of jets in P_T range from (60-80) GeV in HB
No. of events
Response
Iter R=0.5

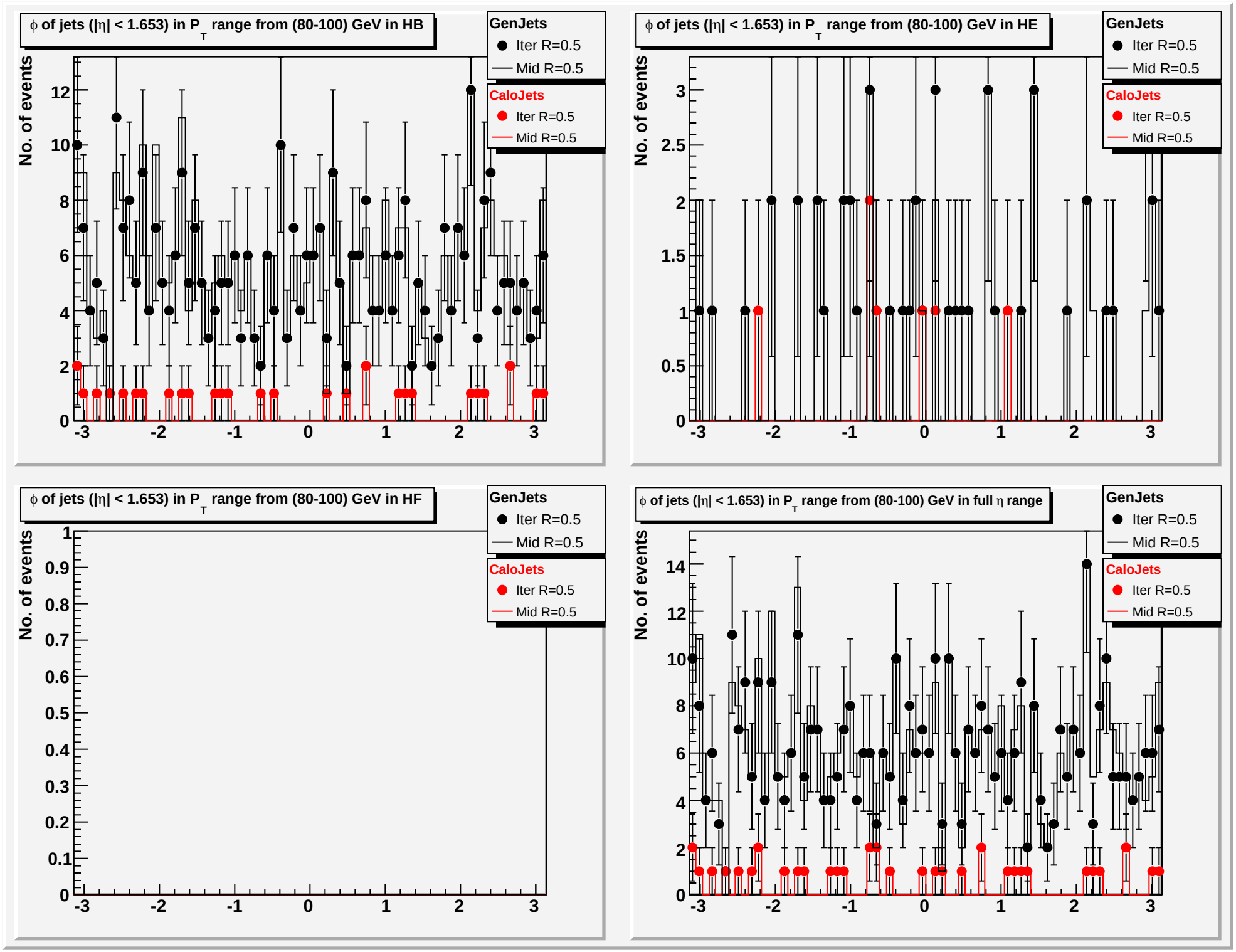

Response of jets in P_T range from (60-80) GeV in HE
No. of events
Response
Iter R=0.5

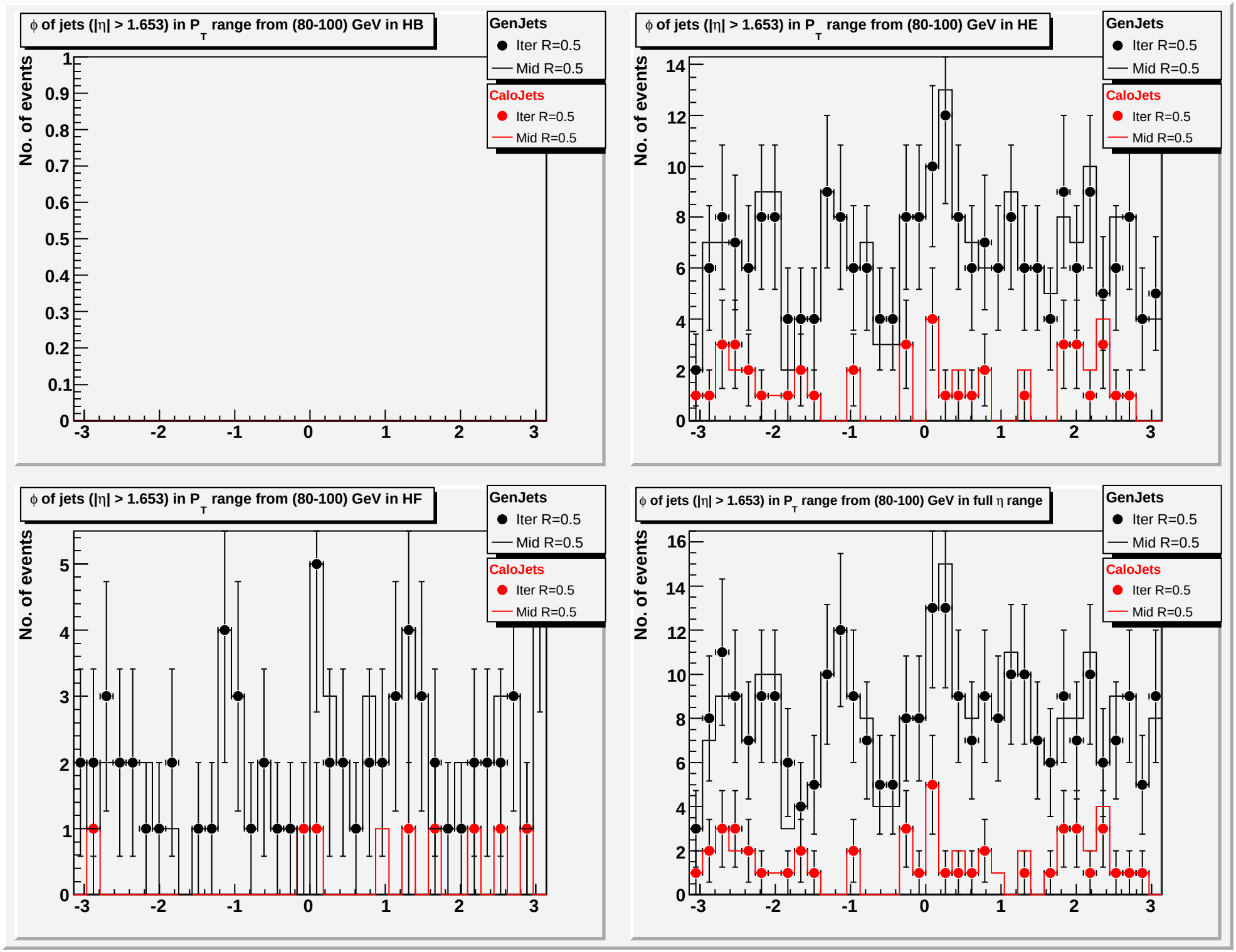

Response of jets in P_T range from (60-80) GeV in HF
No. of events
Response
Iter R=0.5

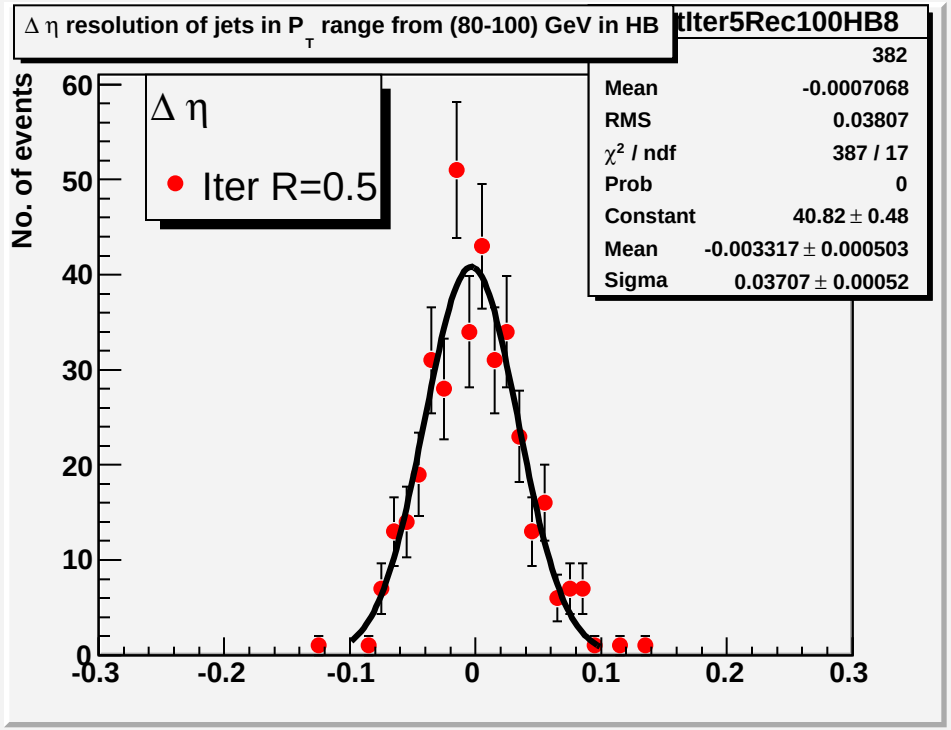

Response of jets in P_T range from (60-80) GeV in full η range
No. of events
Response
Iter R=0.5

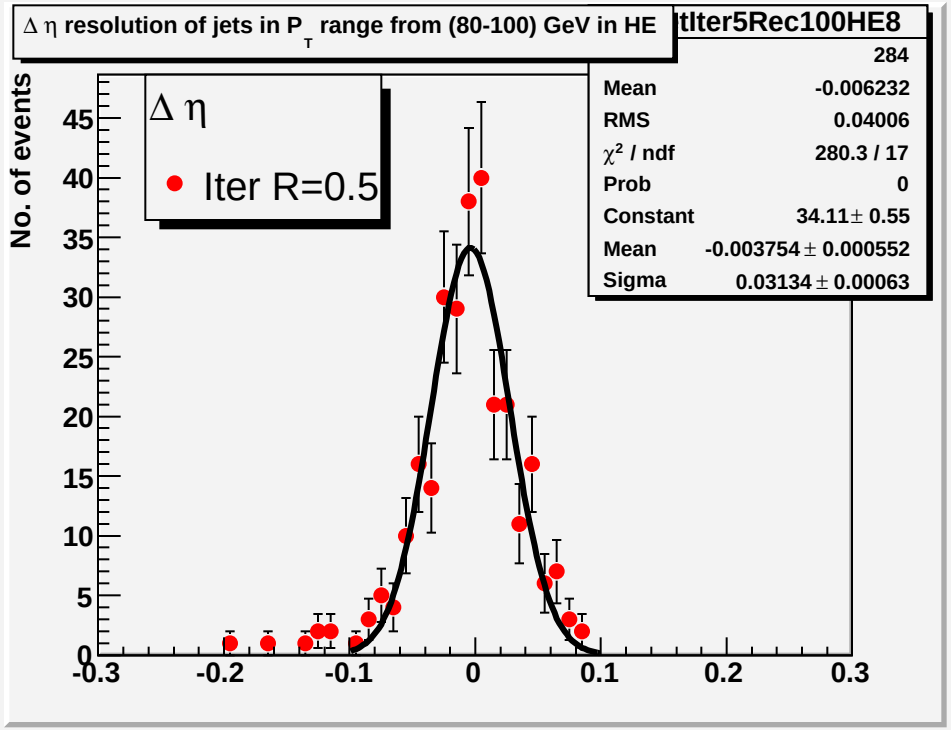

P_T of jets in P_T range from (80-100) GeV in HB
P_T of jets in P_T range from (80-100) GeV in HE
P_T of jets in P_T range from (80-100) GeV in HF
P_T of jets in P_T range from (80-100) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

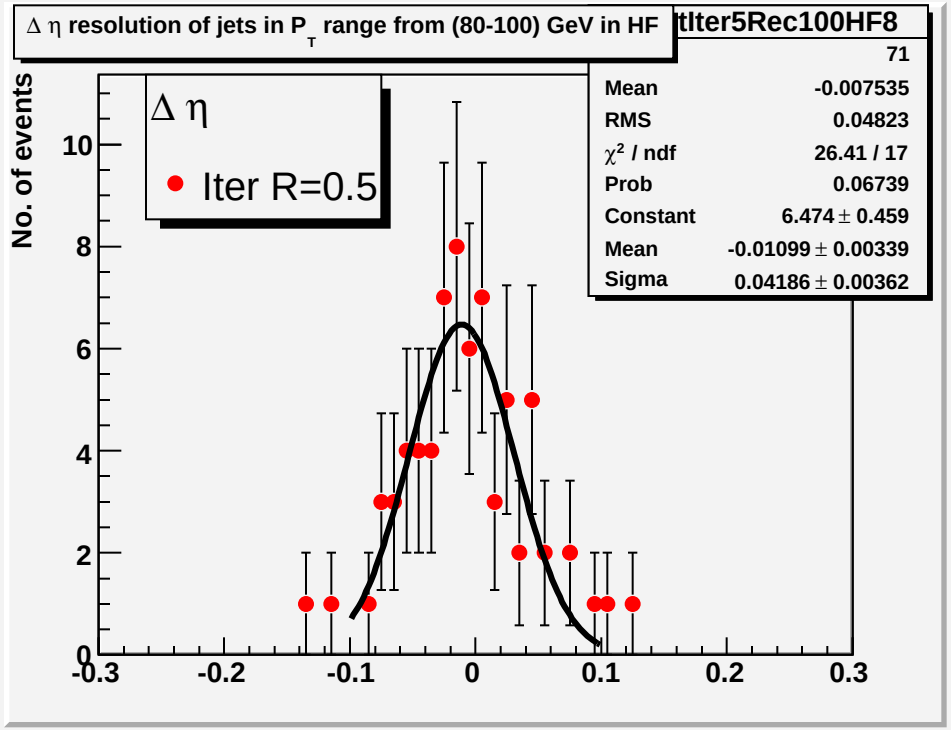

η of jets in P_T range from (80-100) GeV in HB
η of jets in P_T range from (80-100) GeV in HE
η of jets in P_T range from (80-100) GeV in HF
η of jets in P_T range from (80-100) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

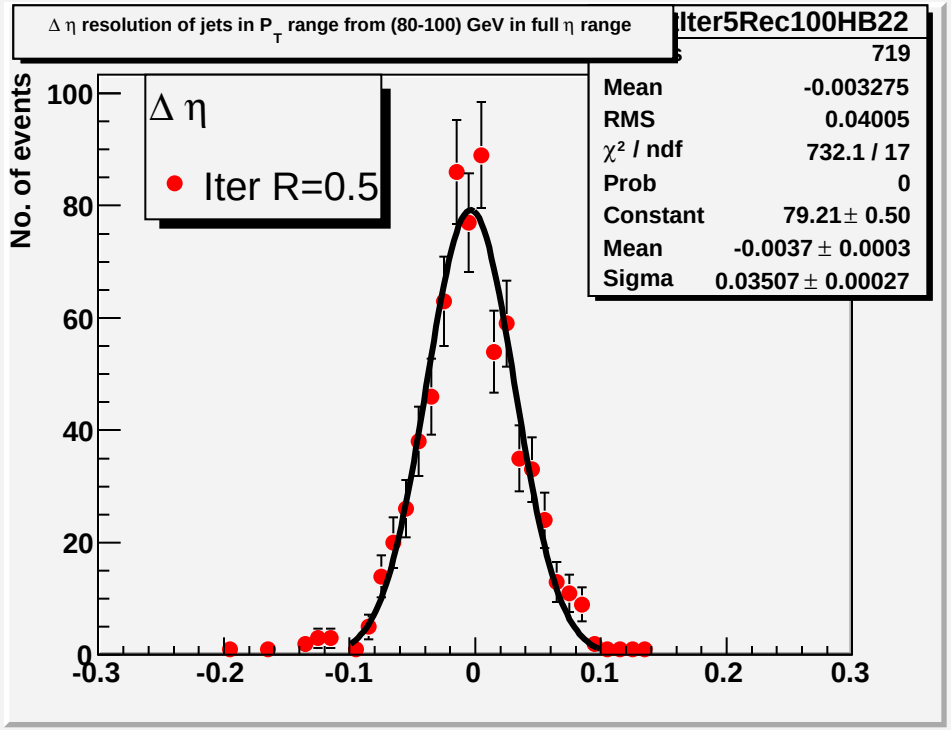

ϕ of jets (|η| < 1.653) in P_T range from (80-100) GeV in HB
ϕ of jets (|η| < 1.653) in P_T range from (80-100) GeV in HE
ϕ of jets (|η| < 1.653) in P_T range from (80-100) GeV in HF
ϕ of jets (|η| < 1.653) in P_T range from (80-100) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

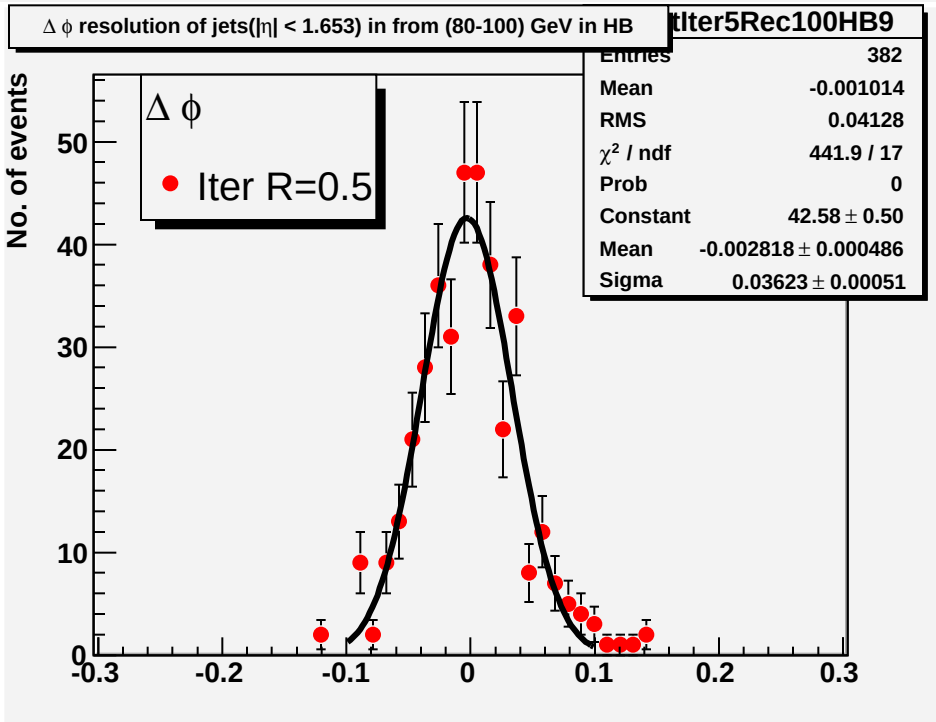

ϕ of jets (|η| > 1.653) in P_T range from (80-100) GeV in HB
ϕ of jets (|η| > 1.653) in P_T range from (80-100) GeV in HE
ϕ of jets (|η| > 1.653) in P_T range from (80-100) GeV in HF
ϕ of jets (|η| > 1.653) in P_T range from (80-100) GeV in full η range
No. of events
GenJets
Iter R=0.5
Mid R=0.5
CaloJets
Iter R=0.5
Mid R=0.5

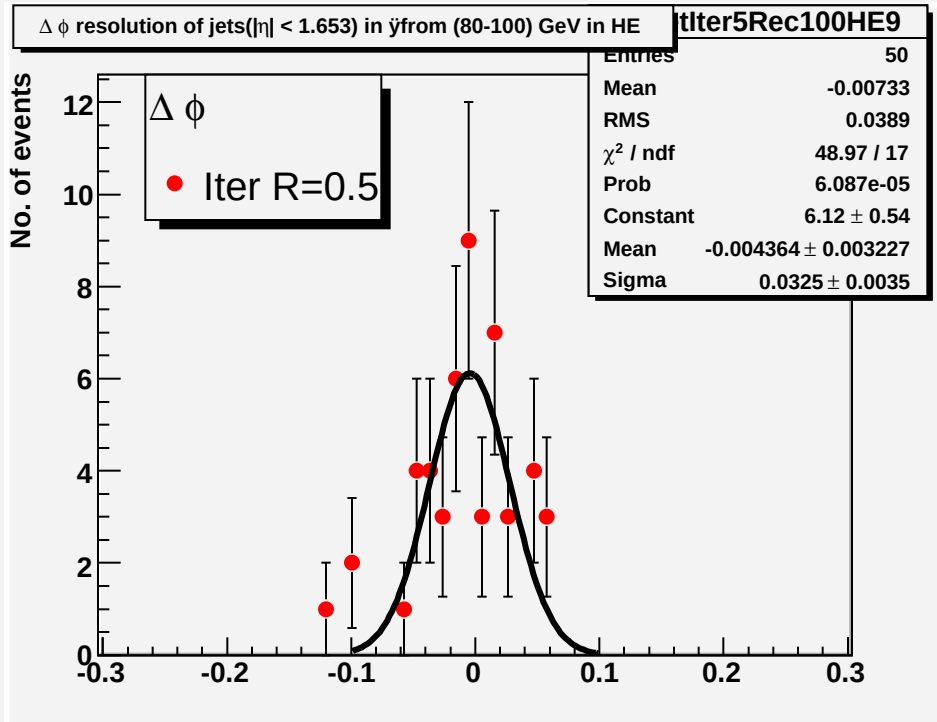

Δ η resolution of jets in P_T range from (80-100) GeV in HB
tIter5Rec100HB8
382
Mean -0.0007068
RMS 0.03807
χ² / ndf 387 / 17
Prob 0
Constant 40.82 ± 0.48
Mean -0.003317 ± 0.000503
Sigma 0.03707 ± 0.00052
Δ η
Iter R=0.5
No. of events

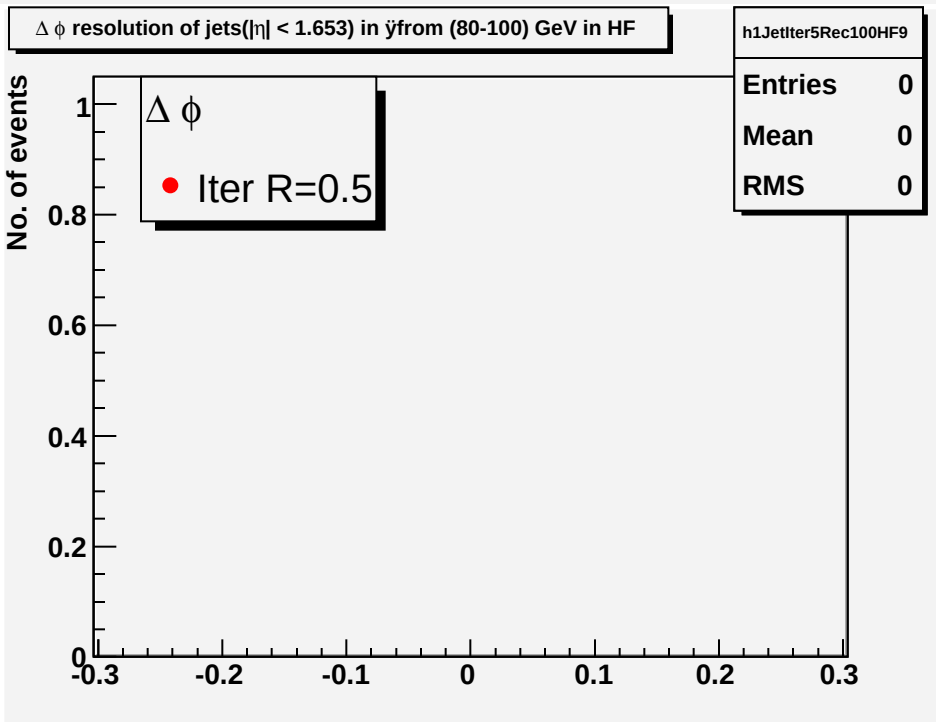

Δ η resolution of jets in P_T range from (80-100) GeV in HE
tIter5Rec100HE8
284
Mean -0.006232
RMS 0.04006
χ² / ndf 280.3 / 17
Prob 0
Constant 34.11 ± 0.55
Mean -0.003754 ± 0.000552
Sigma 0.03134 ± 0.00063
Δ η
Iter R=0.5
No. of events

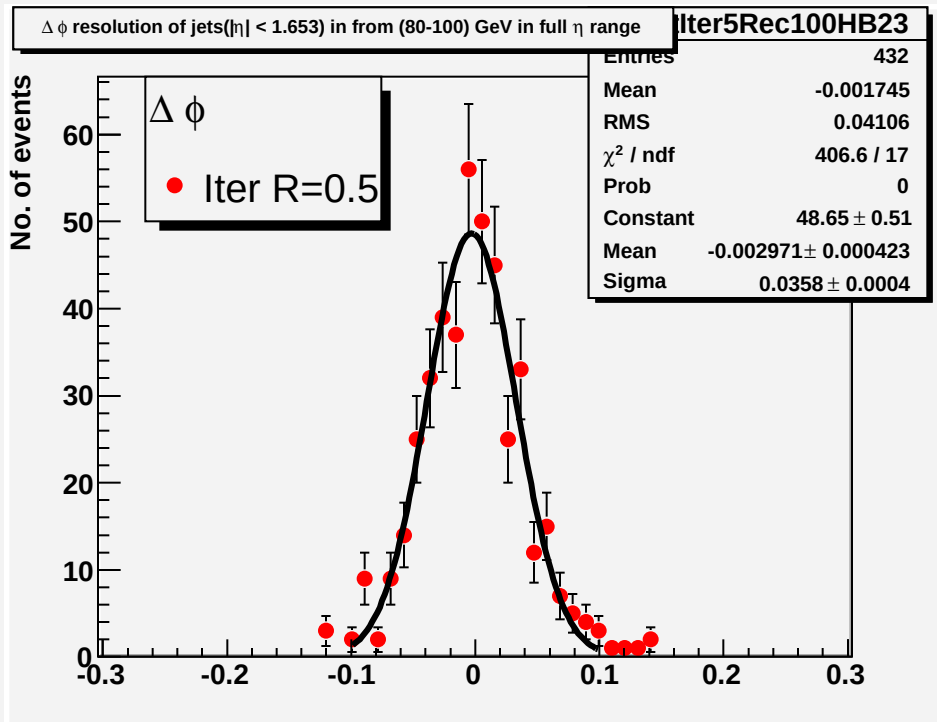

Δ η resolution of jets in P_T range from (80-100) GeV in HF
tIter5Rec100HF8
71
Mean -0.007535
RMS 0.04823
χ² / ndf 26.41 / 17
Prob 0.06739
Constant 6.474 ± 0.459
Mean -0.01099 ± 0.00339
Sigma 0.04186 ± 0.00362
Δ η
Iter R=0.5
No. of events

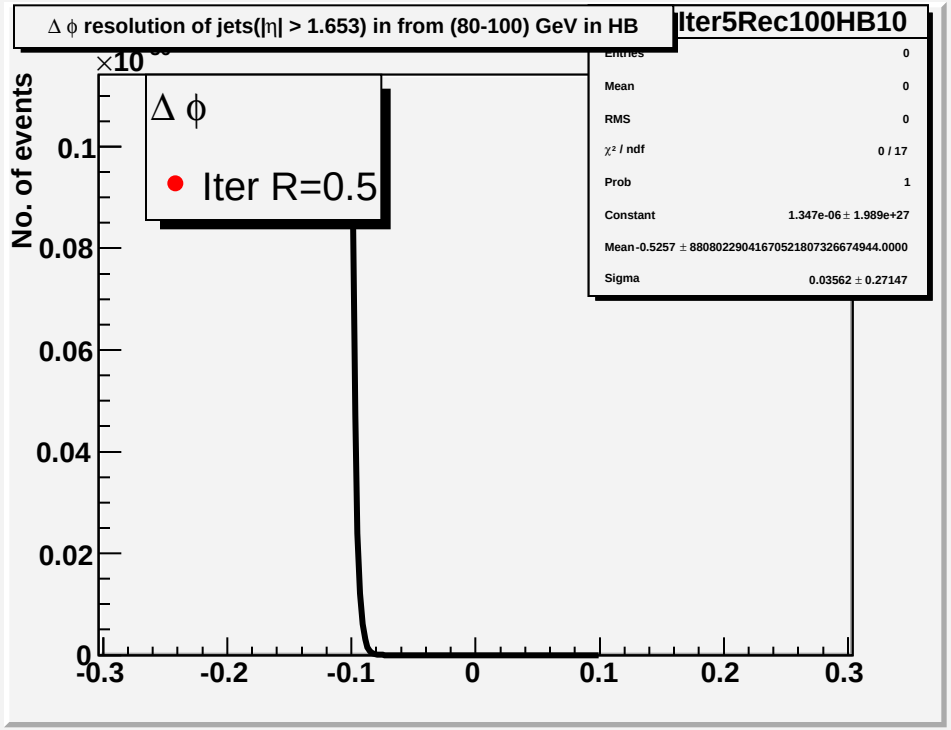

Δ η resolution of jets in P_T range from (80-100) GeV in full η range
Iter5Rec100HB22
719
Mean -0.003275
RMS 0.04005
χ² / ndf 732.1 / 17
Prob 0
Constant 79.21 ± 0.50
Mean -0.0037 ± 0.0003
Sigma 0.03507 ± 0.00027
Δ η
Iter R=0.5
No. of events

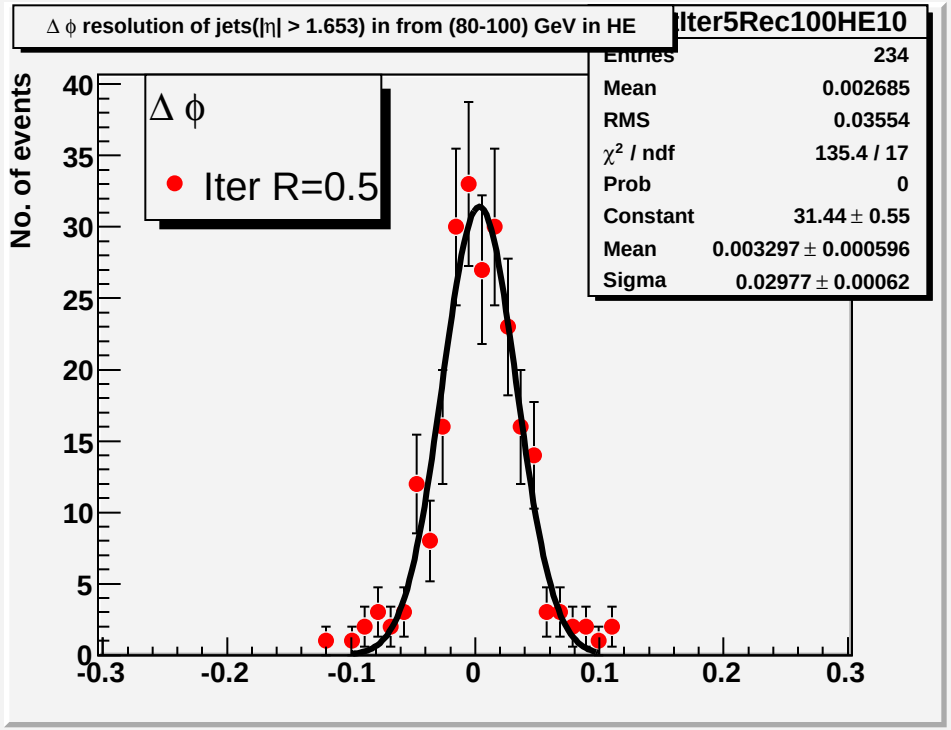

Δ ϕ resolution of jets(|η| < 1.653) in from (80-100) GeV in HB
tIter5Rec100HB9
Entries 382
Mean -0.001014
RMS 0.04128
χ² / ndf 441.9 / 17
Prob 0
Constant 42.58 ± 0.50
Mean -0.002818 ± 0.000486
Sigma 0.03623 ± 0.00051
Δ ϕ
Iter R=0.5
No. of events

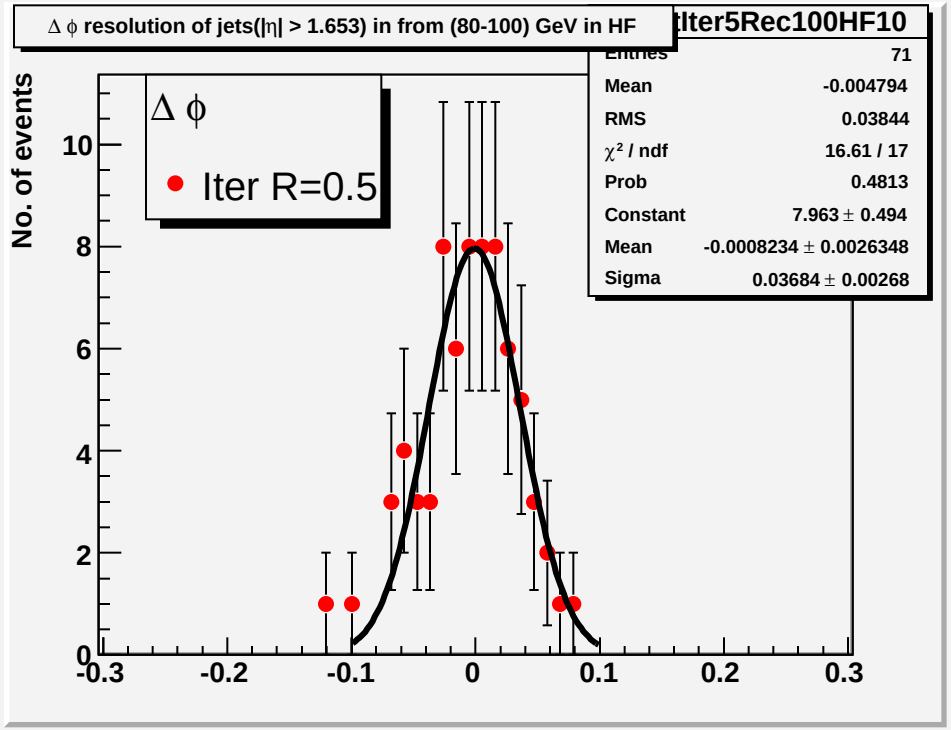

Δ ϕ resolution of jets(|η| < 1.653) in ÿfrom (80-100) GeV in HE
tIter5Rec100HE9
Entries 50
Mean -0.00733
RMS 0.0389
χ² / ndf 48.97 / 17
Prob 6.087e-05
Constant 6.12 ± 0.54
Mean -0.004364 ± 0.003227
Sigma 0.0325 ± 0.0035
Δ ϕ
Iter R=0.5
No. of events

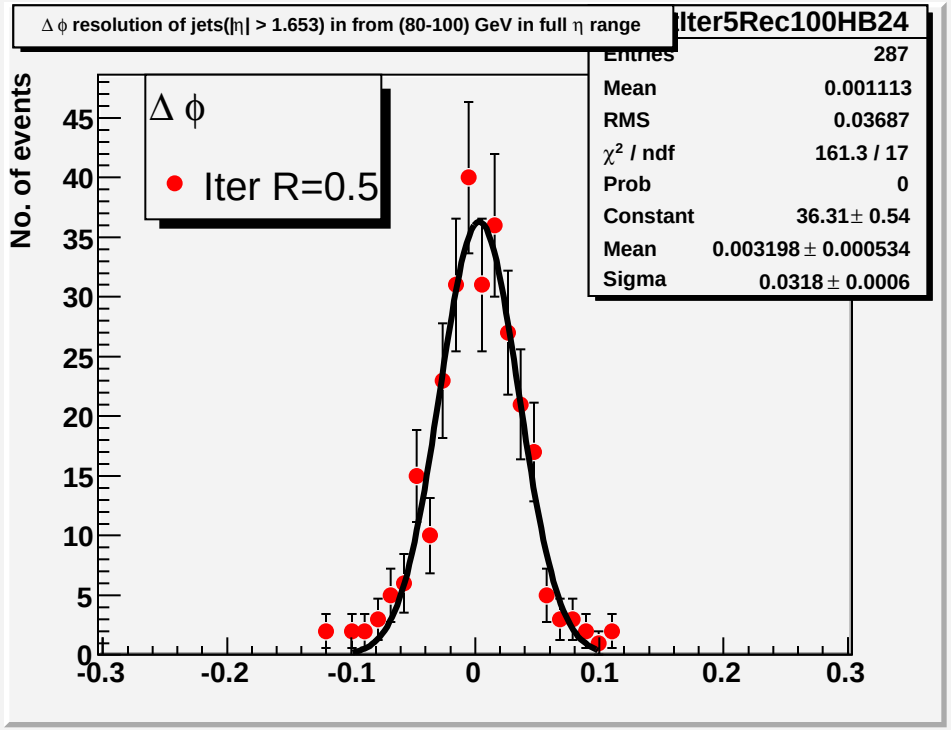

Δ ϕ resolution of jets(|η| < 1.653) in ÿfrom (80-100) GeV in HF
h1JetIter5Rec100HF9
Entries 0
Mean 0
RMS 0
Δ ϕ
Iter R=0.5
No. of events

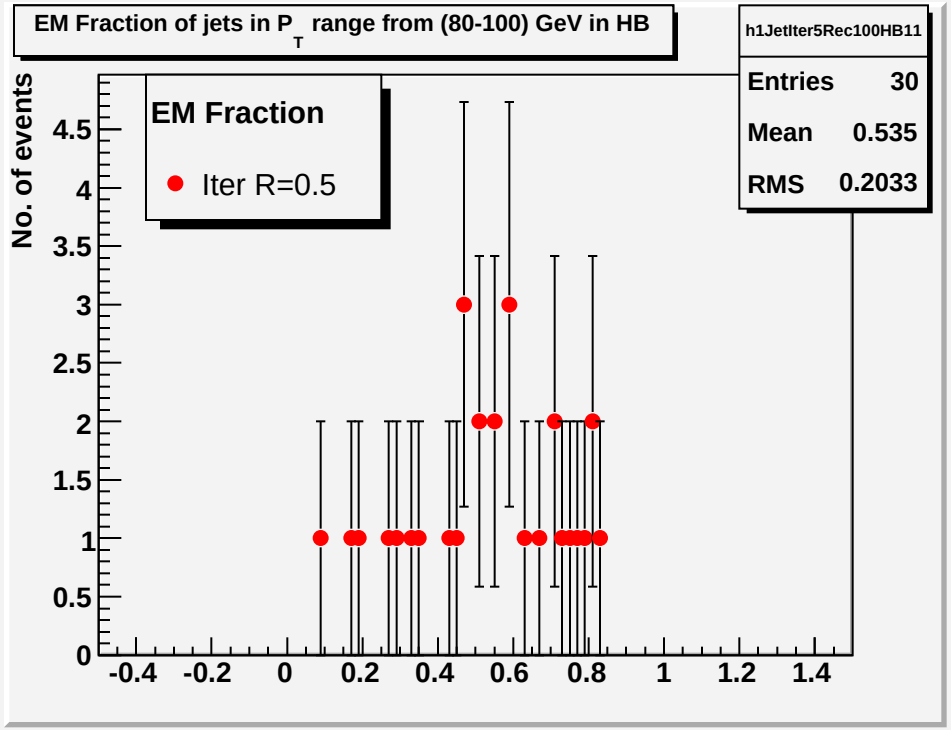

Δ ϕ resolution of jets(|η| < 1.653) in from (80-100) GeV in full η range
Iter5Rec100HB23
Entries 432
Mean -0.001745
RMS 0.04106
χ² / ndf 406.6 / 17
Prob 0
Constant 48.65 ± 0.51
Mean -0.002971 ± 0.000423
Sigma 0.0358 ± 0.0004
Δ ϕ
Iter R=0.5
No. of events

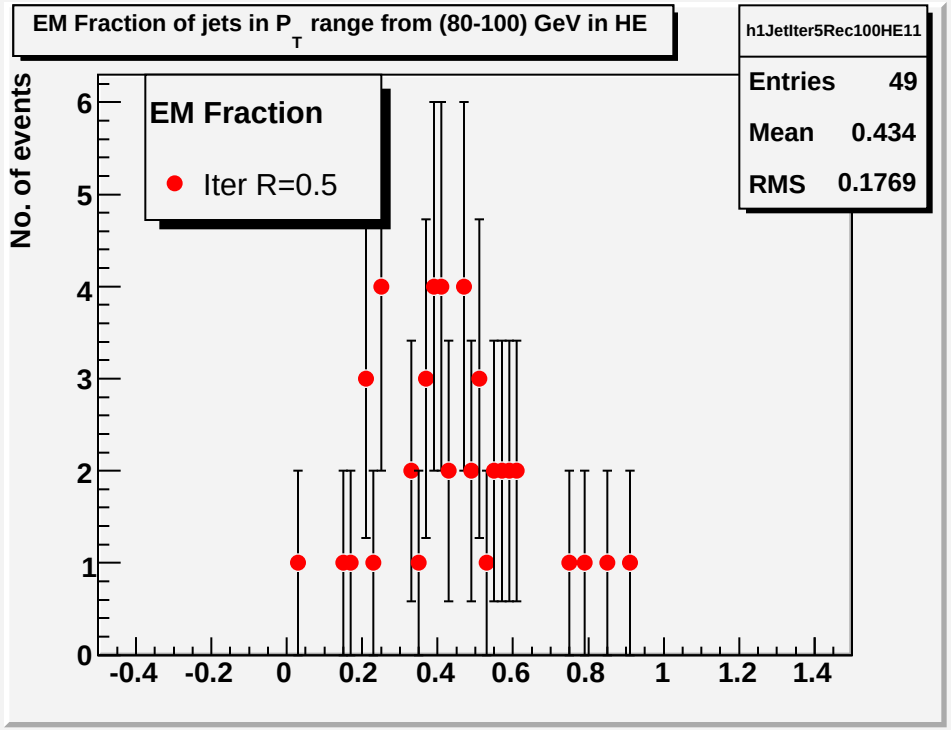

Δ ϕ resolution of jets(|η| > 1.653) in from (80-100) GeV in HB
Iter5Rec100HB10
Entries 0
Mean 0
RMS 0
χ² / ndf 0 / 17
Prob 1
Constant 1.347e-06 ± 1.989e+27
Mean -0.5257 ± 8808022904167052180732667494 4.0000
Sigma 0.03562 ± 0.27147
Δ ϕ
Iter R=0.5
No. of events
×10

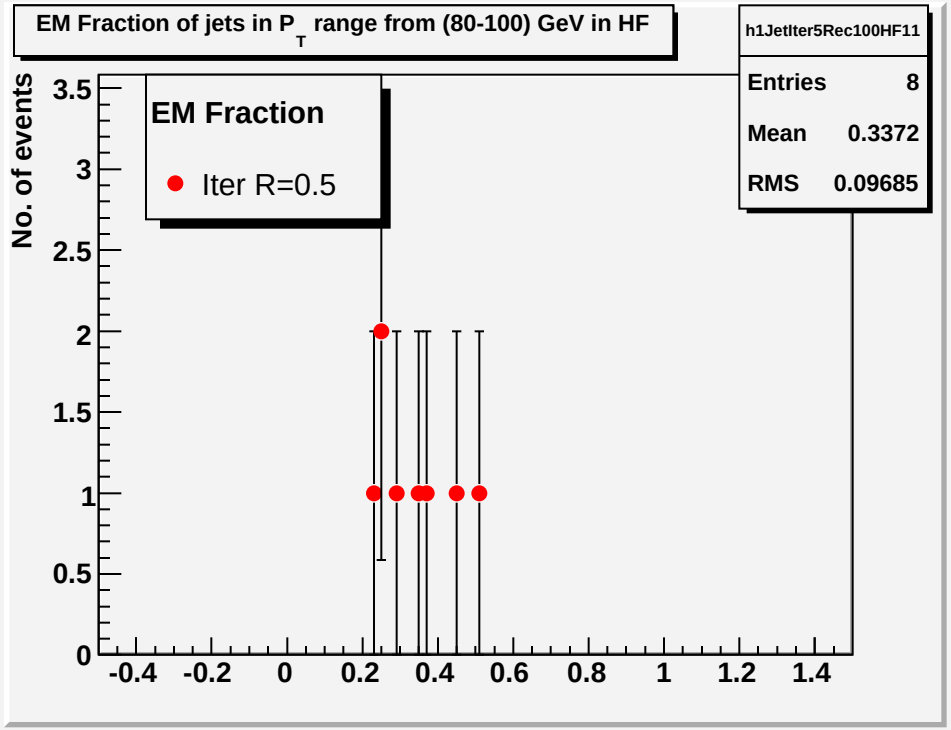

Δ ϕ resolution of jets(|η| > 1.653) in from (80-100) GeV in HE
Iter5Rec100HE10
Entries 234
Mean 0.002685
RMS 0.03554
χ² / ndf 135.4 / 17
Prob 0
Constant 31.44 ± 0.55
Mean 0.003297 ± 0.000596
Sigma 0.02977 ± 0.00062
Δ ϕ
Iter R=0.5
No. of events

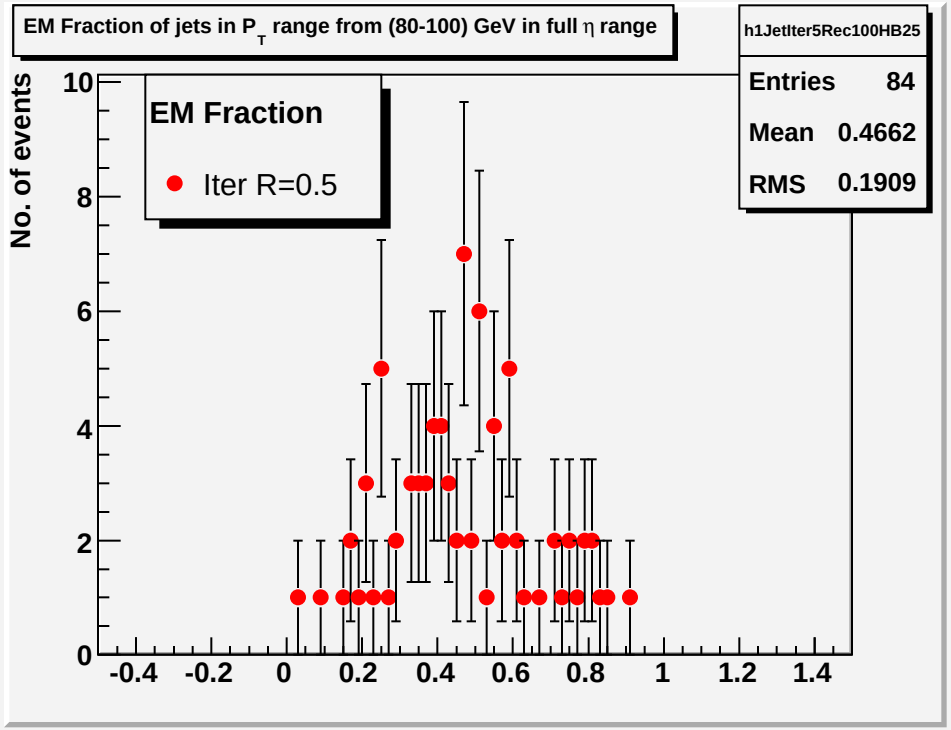

Δ ϕ resolution of jets(|η| > 1.653) in from (80-100) GeV in HF
Iter5Rec100HF10
Entries 71
Mean -0.004794
RMS 0.03844
χ² / ndf 16.61 / 17
Prob 0.4813
Constant 7.963 ± 0.494
Mean -0.0008234 ± 0.0026348
Sigma 0.03684 ± 0.00268
Δ ϕ
Iter R=0.5
No. of events

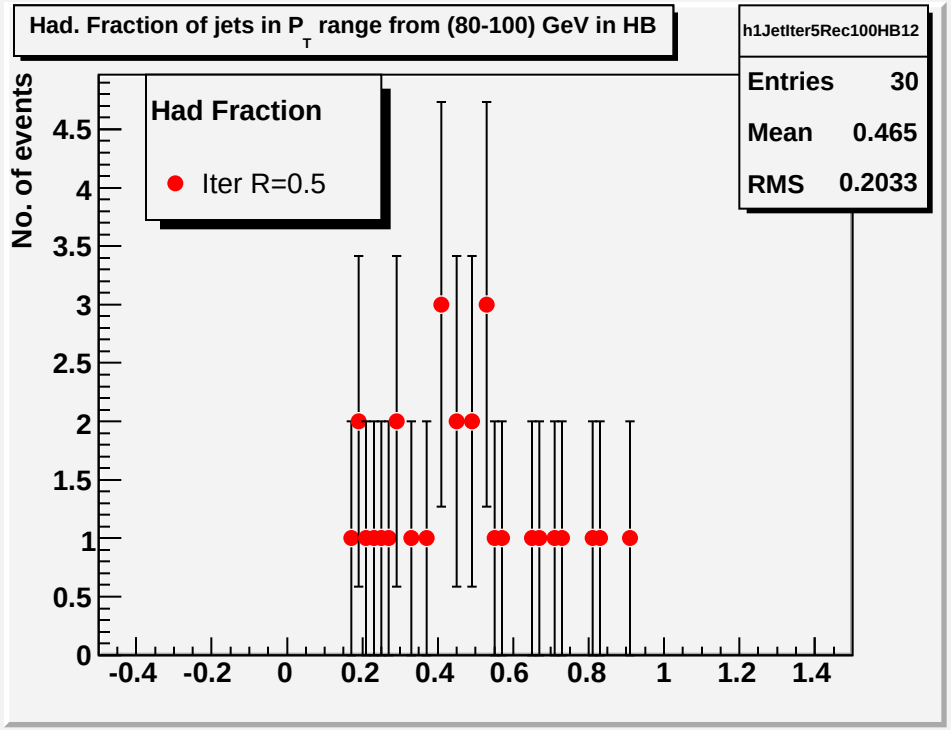

Δ ϕ resolution of jets(|η| > 1.653) in from (80-100) GeV in full η range
Iter5Rec100HB24
Entries 287
Mean 0.001113
RMS 0.03687
χ² / ndf 161.3 / 17
Prob 0
Constant 36.31 ± 0.54
Mean 0.003198 ± 0.000534
Sigma 0.0318 ± 0.0006
Δ ϕ
Iter R=0.5
No. of events

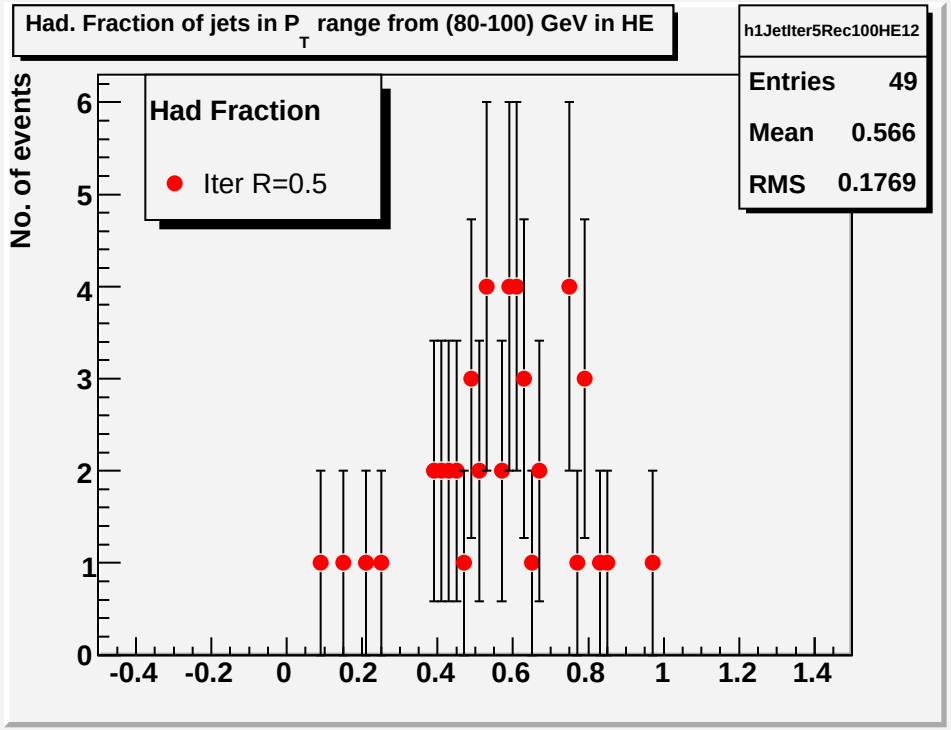

EM Fraction of jets in P_T range from (80-100) GeV in HB
h1JetIter5Rec100HB11
Entries 30
Mean 0.535
RMS 0.2033
EM Fraction
Iter R=0.5
No. of events

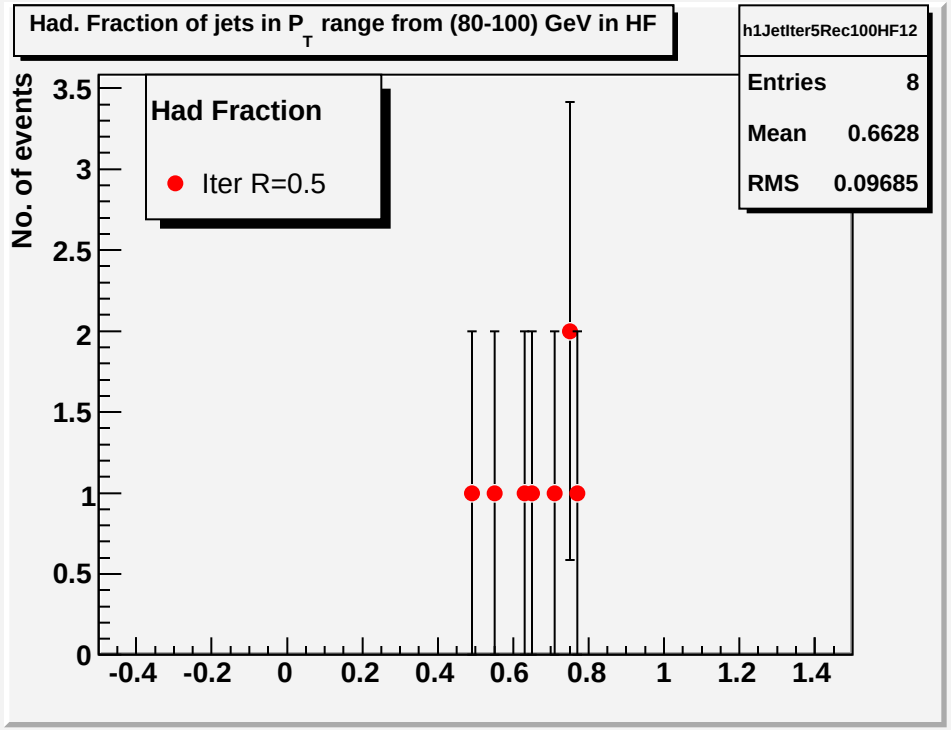

EM Fraction of jets in P_T range from (80-100) GeV in HE
h1JetIter5Rec100HE11
Entries 49
Mean 0.434
RMS 0.1769
EM Fraction
Iter R=0.5
No. of events

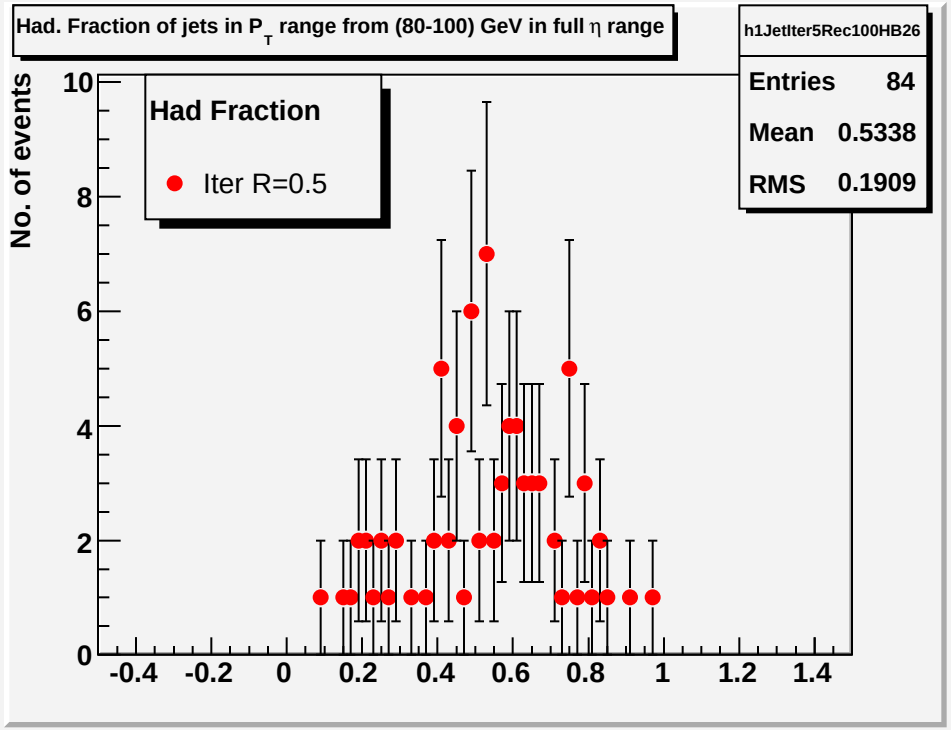

EM Fraction of jets in P_T range from (80-100) GeV in HF
h1JetIter5Rec100HF11
Entries 8
Mean 0.3372
RMS 0.09685
EM Fraction
Iter R=0.5
No. of events

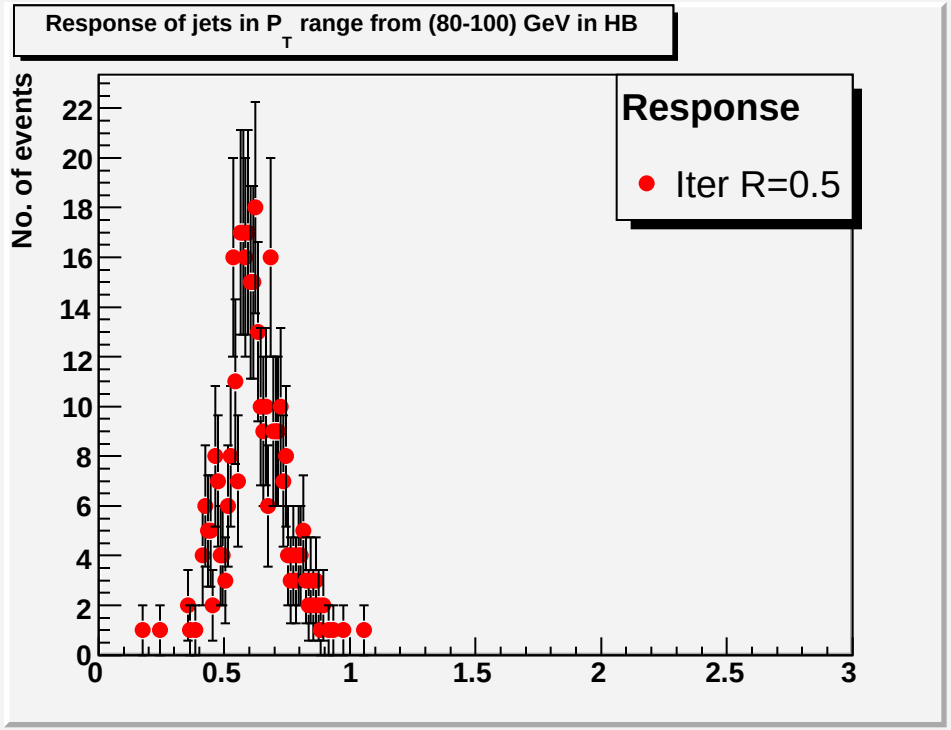

EM Fraction of jets in P_T range from (80-100) GeV in full η range
h1JetIter5Rec100HB25
Entries 84
Mean 0.4662
RMS 0.1909
EM Fraction
Iter R=0.5
No. of events

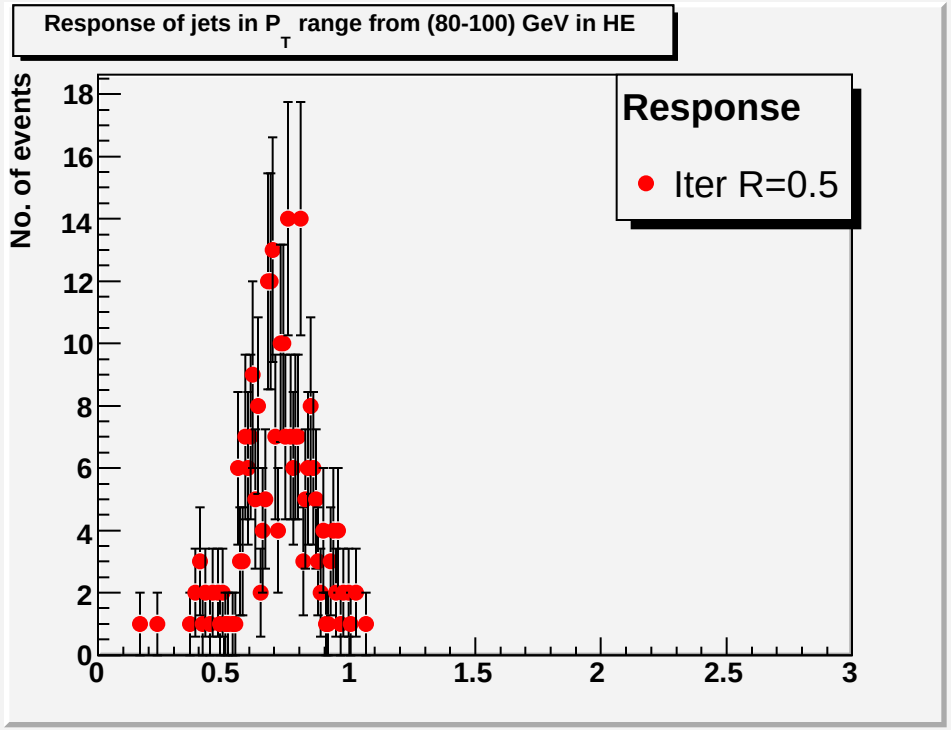

Had. Fraction of jets in P_T range from (80-100) GeV in HB
h1JetIter5Rec100HB12
Entries 30
Mean 0.465
RMS 0.2033
Had Fraction
Iter R=0.5
No. of events

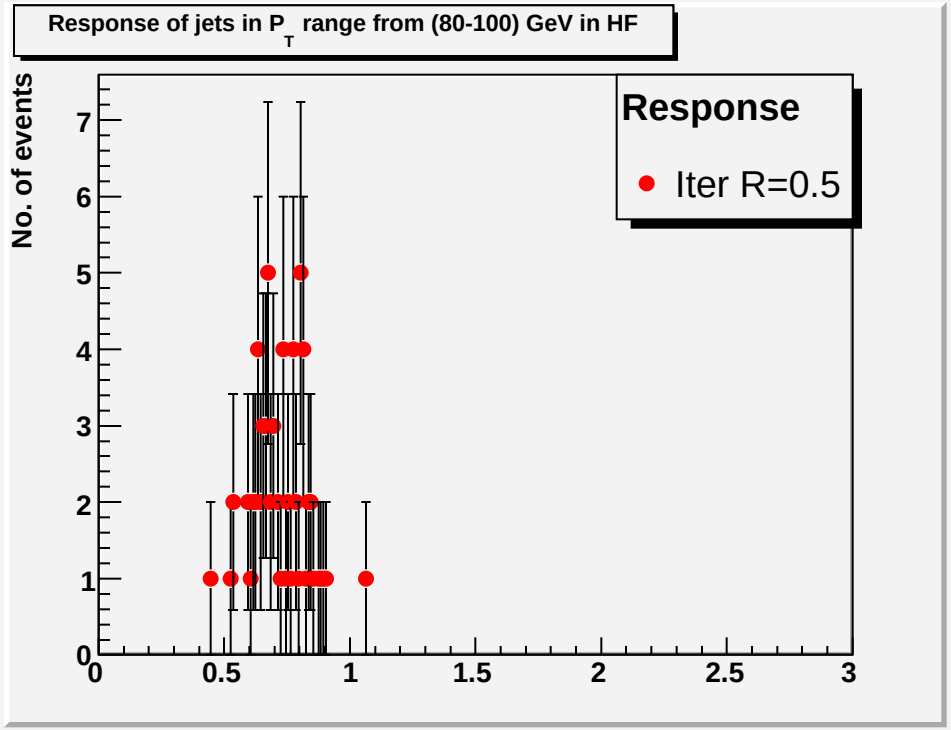

Had. Fraction of jets in P_T range from (80-100) GeV in HE
h1JetIter5Rec100HE12
Entries 49
Mean 0.566
RMS 0.1769
Had Fraction
Iter R=0.5
No. of events

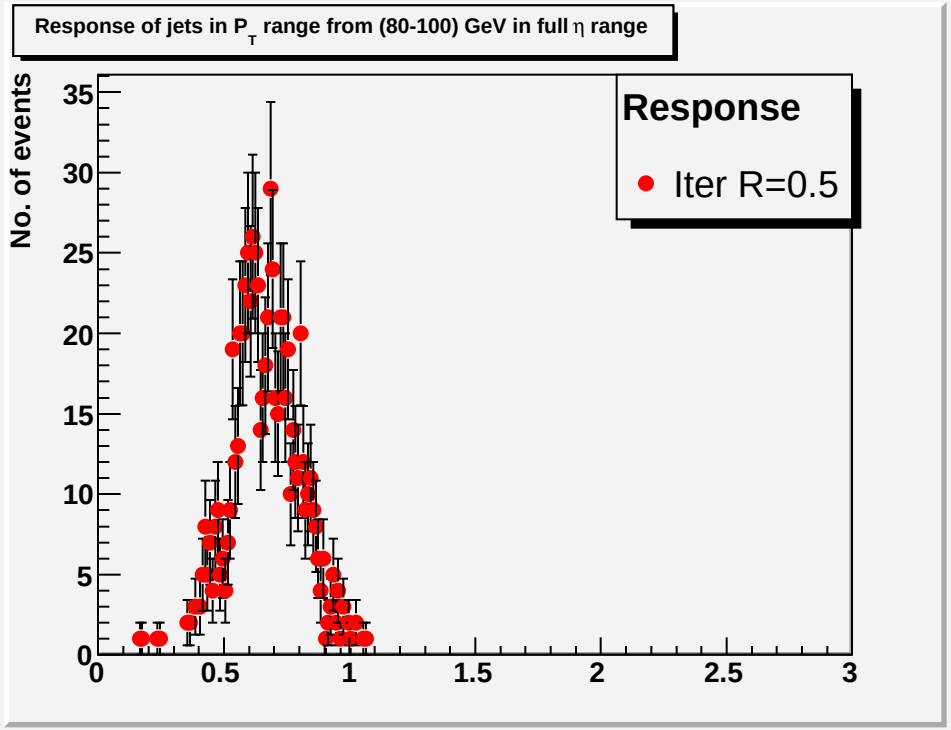

Had. Fraction of jets in P_T range from (80-100) GeV in HF
h1JetIter5Rec100HF12
Entries 8
Mean 0.6628
RMS 0.09685
Had Fraction
Iter R=0.5
No. of events

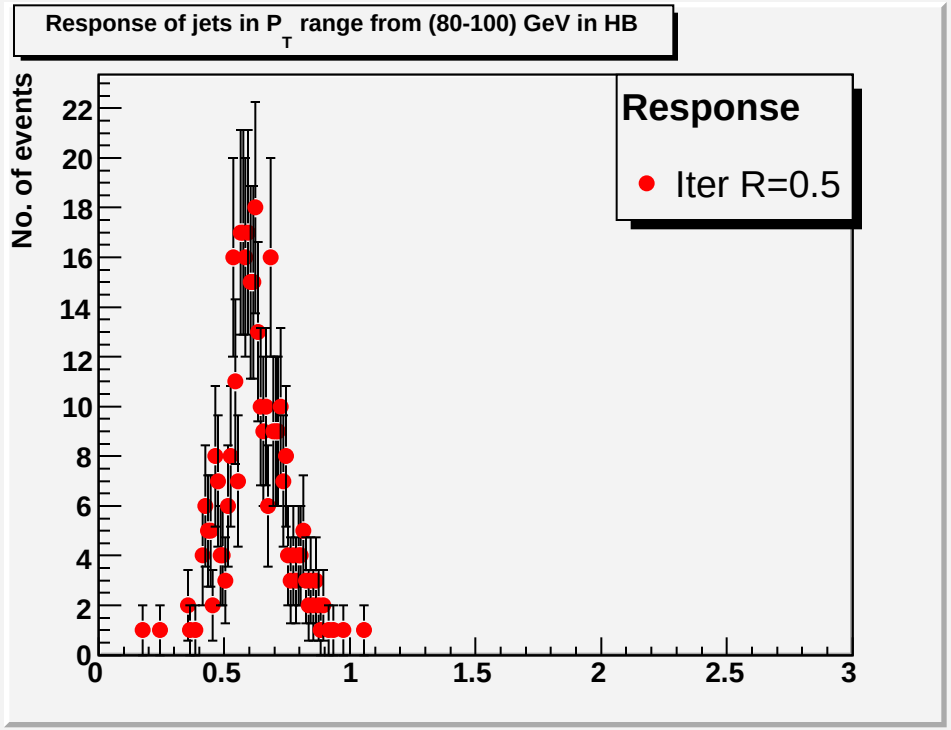

Had. Fraction of jets in P_T range from (80-100) GeV in full η range
h1JetIter5Rec100HB26
Entries 84
Mean 0.5338
RMS 0.1909
Had Fraction
Iter R=0.5
No. of events

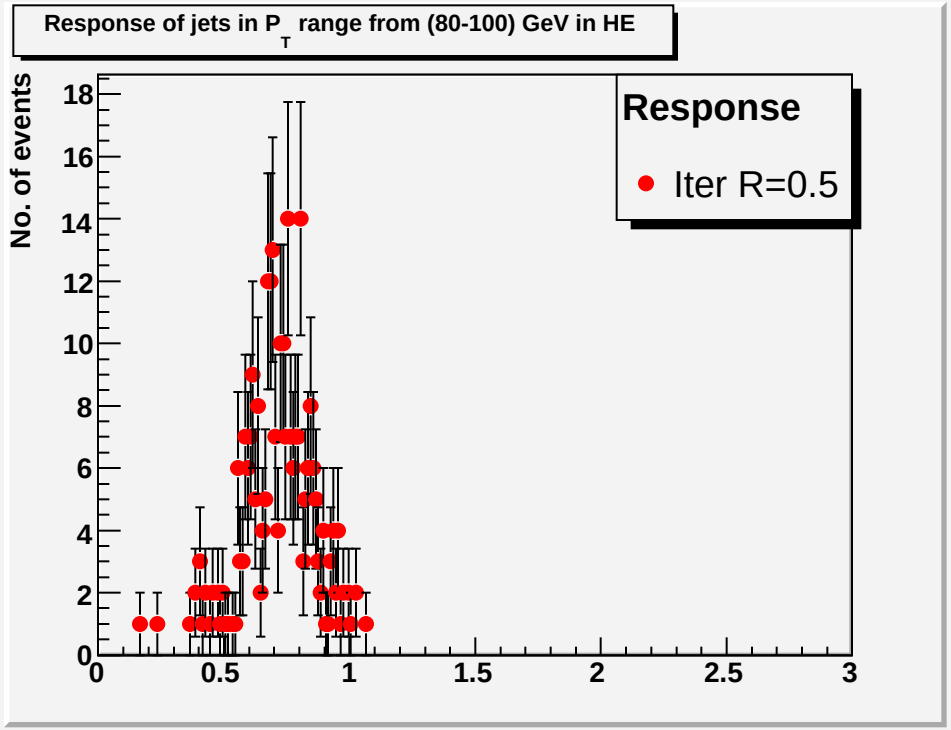

Response of jets in P_T range from (80-100) GeV in HB
No. of events
Response
Iter R=0.5

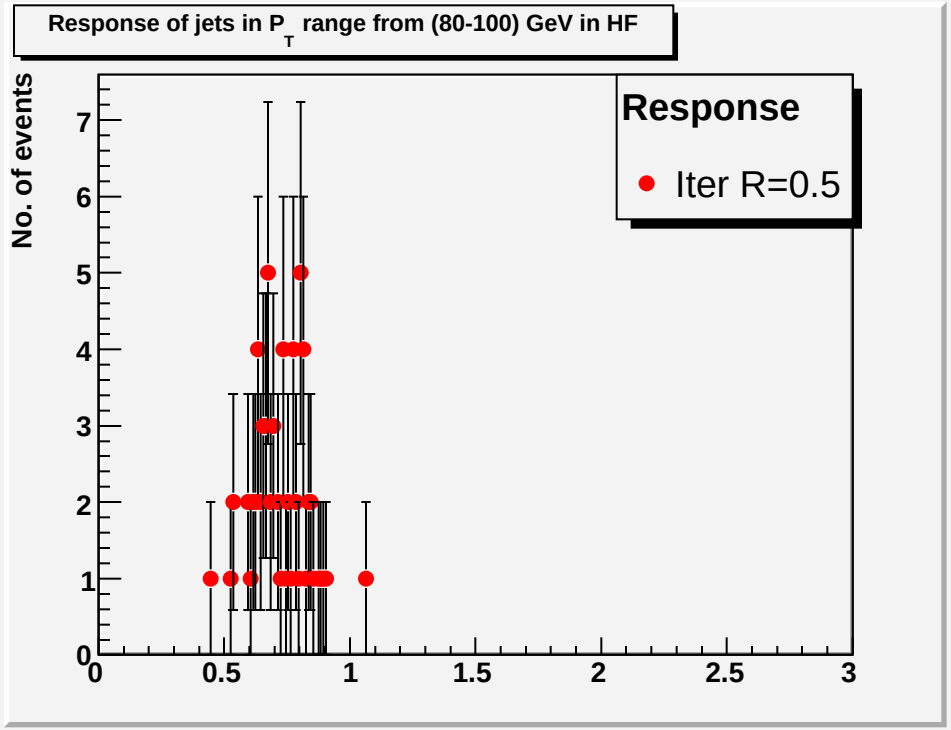

Response of jets in P_T range from (80-100) GeV in HE
No. of events
Response
Iter R=0.5

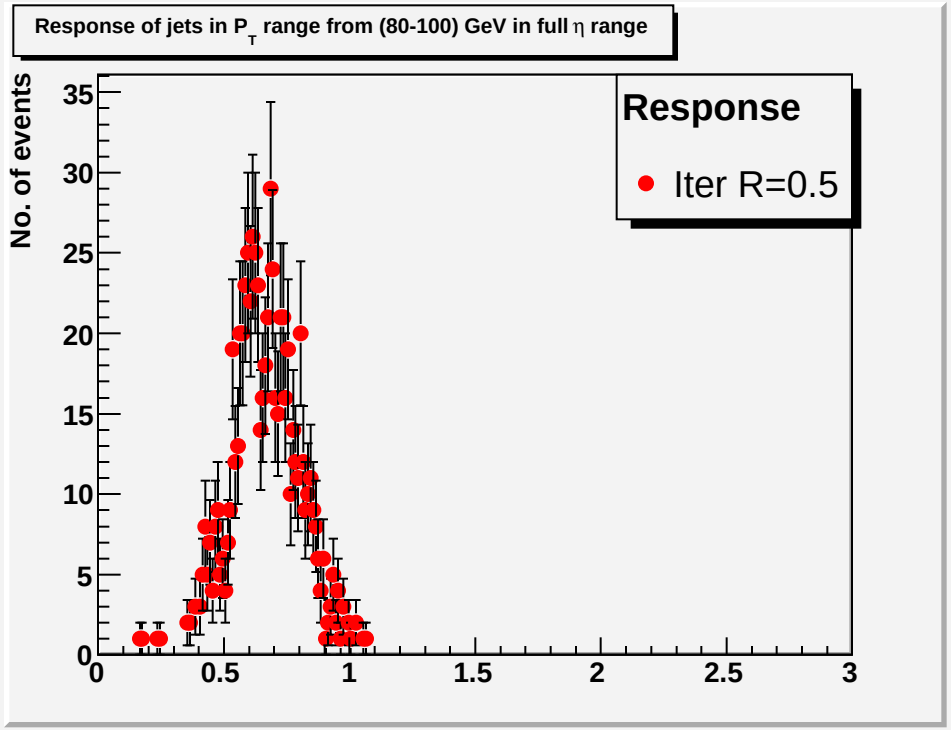

Response of jets in P_T range from (80-100) GeV in HF
No. of events
Response
Iter R=0.5


Response of jets in P_T range from (80-100) GeV in full η range
No. of events
Response
Iter R=0.5


Response of jets in P_T range from (80-100) GeV in HB
No. of events
Response
Iter R=0.5


Response of jets in P_T range from (80-100) GeV in HE
No. of events
Response
Iter R=0.5


Response of jets in P_T range from (80-100) GeV in HF
No. of events
Response
Iter R=0.5


Response of jets in P_T range from (80-100) GeV in full η range
No. of events
Response
Iter R=0.5