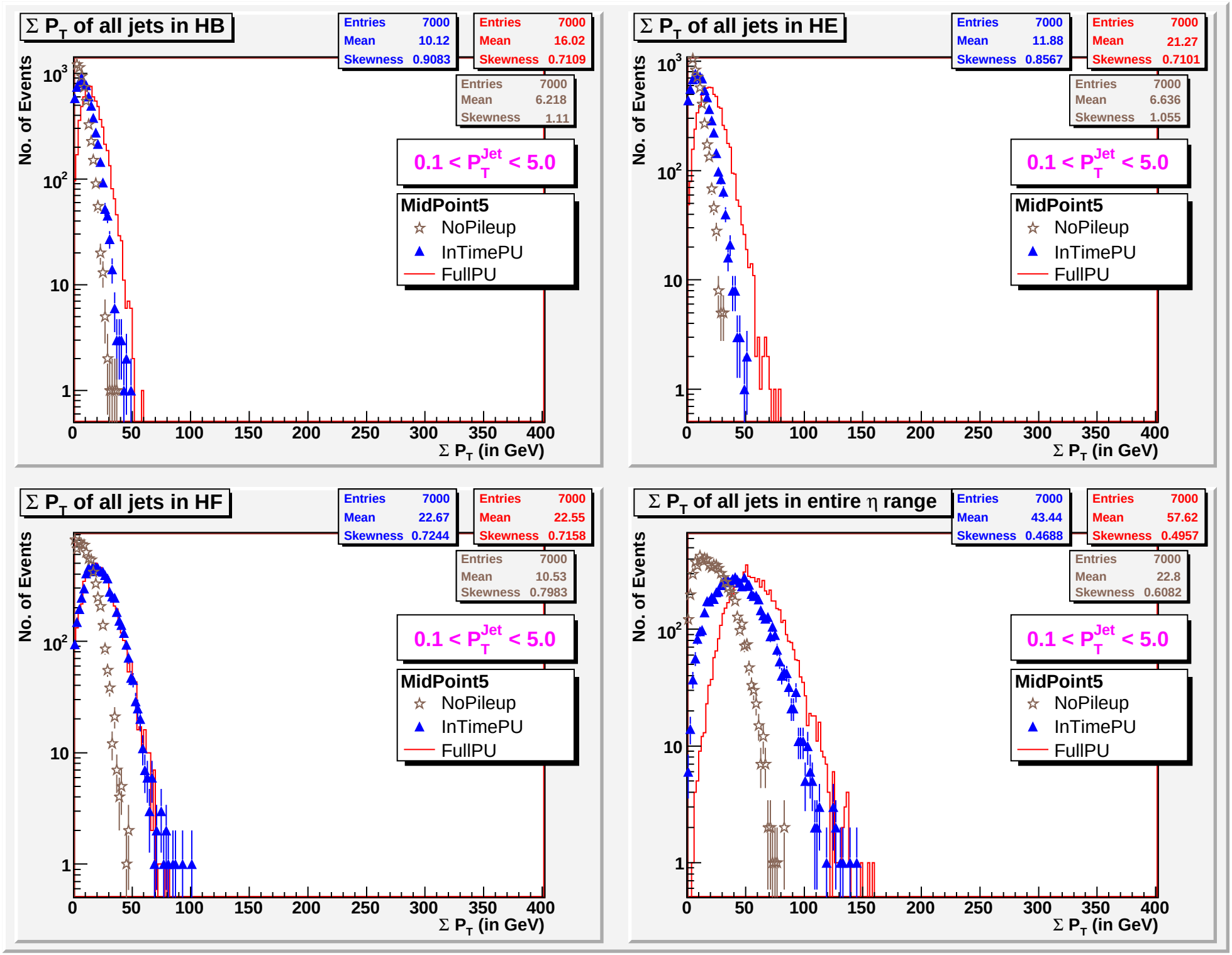
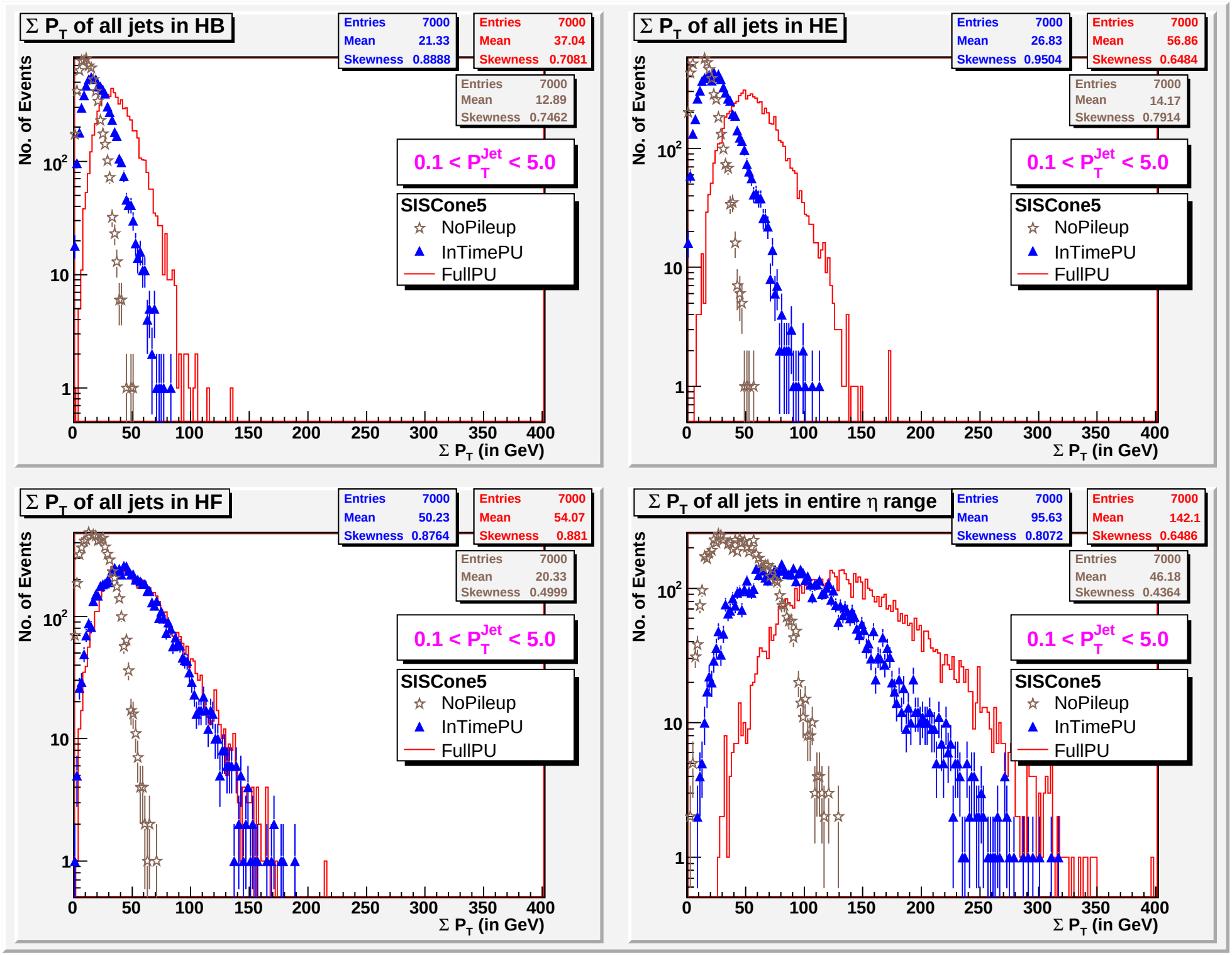
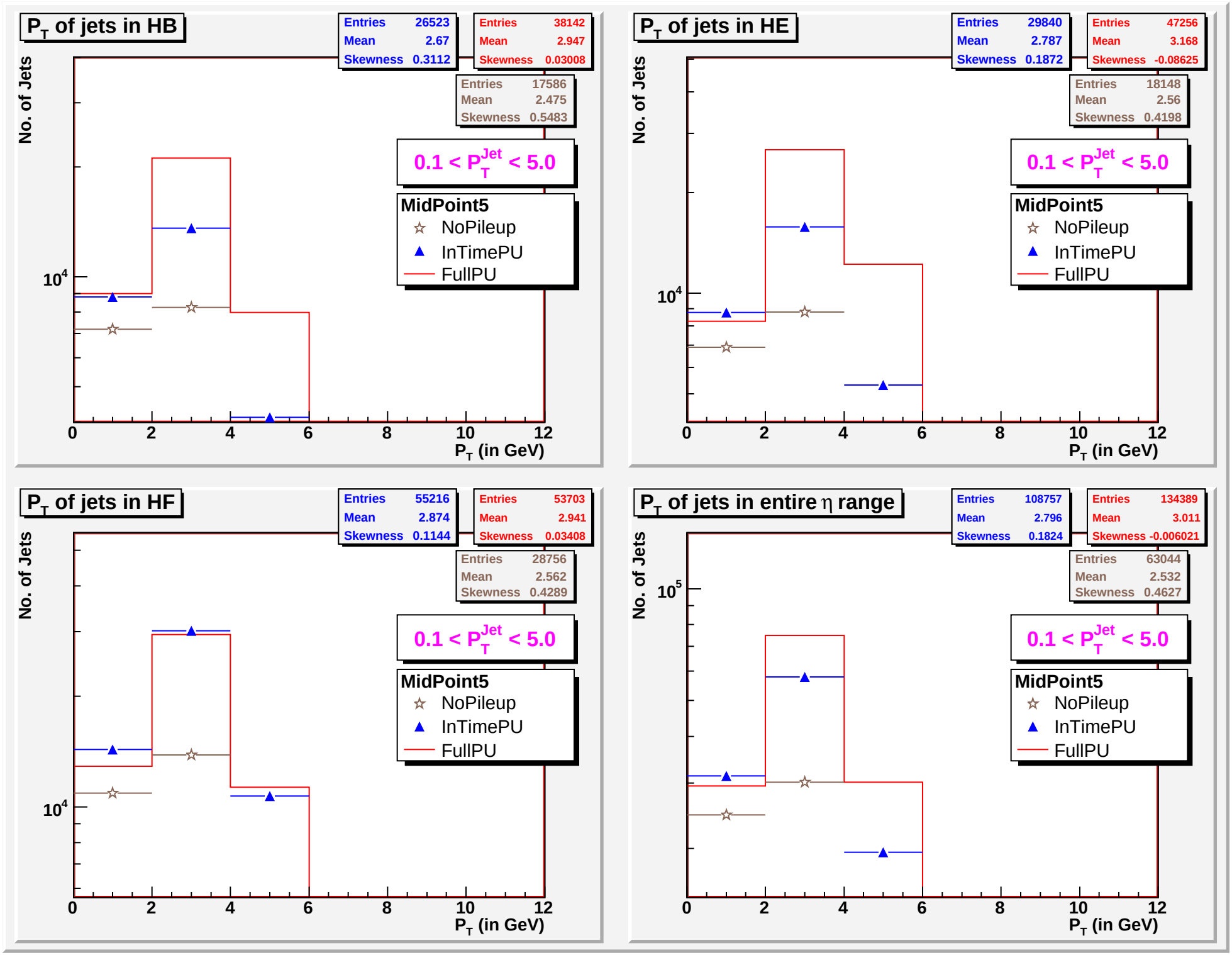
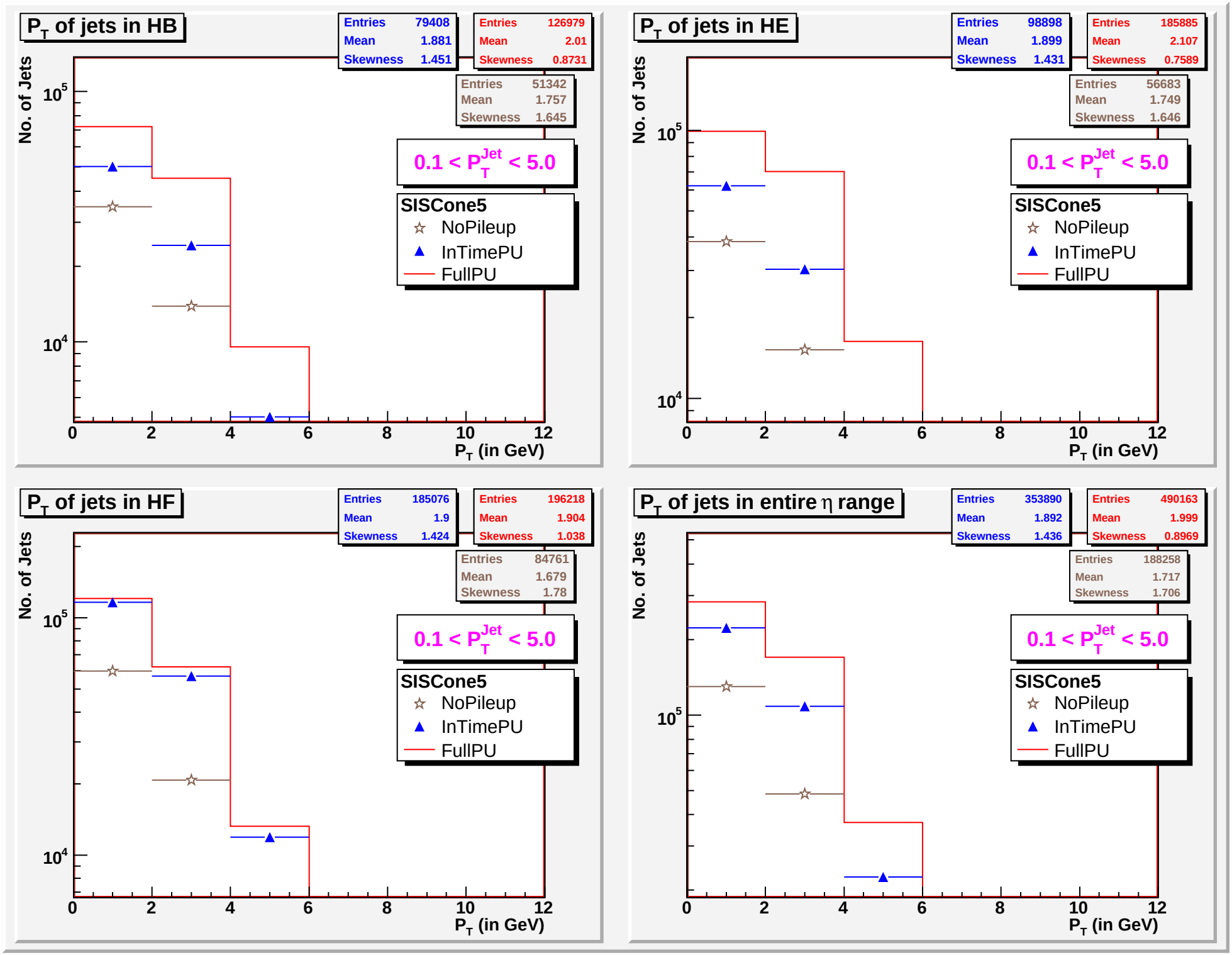
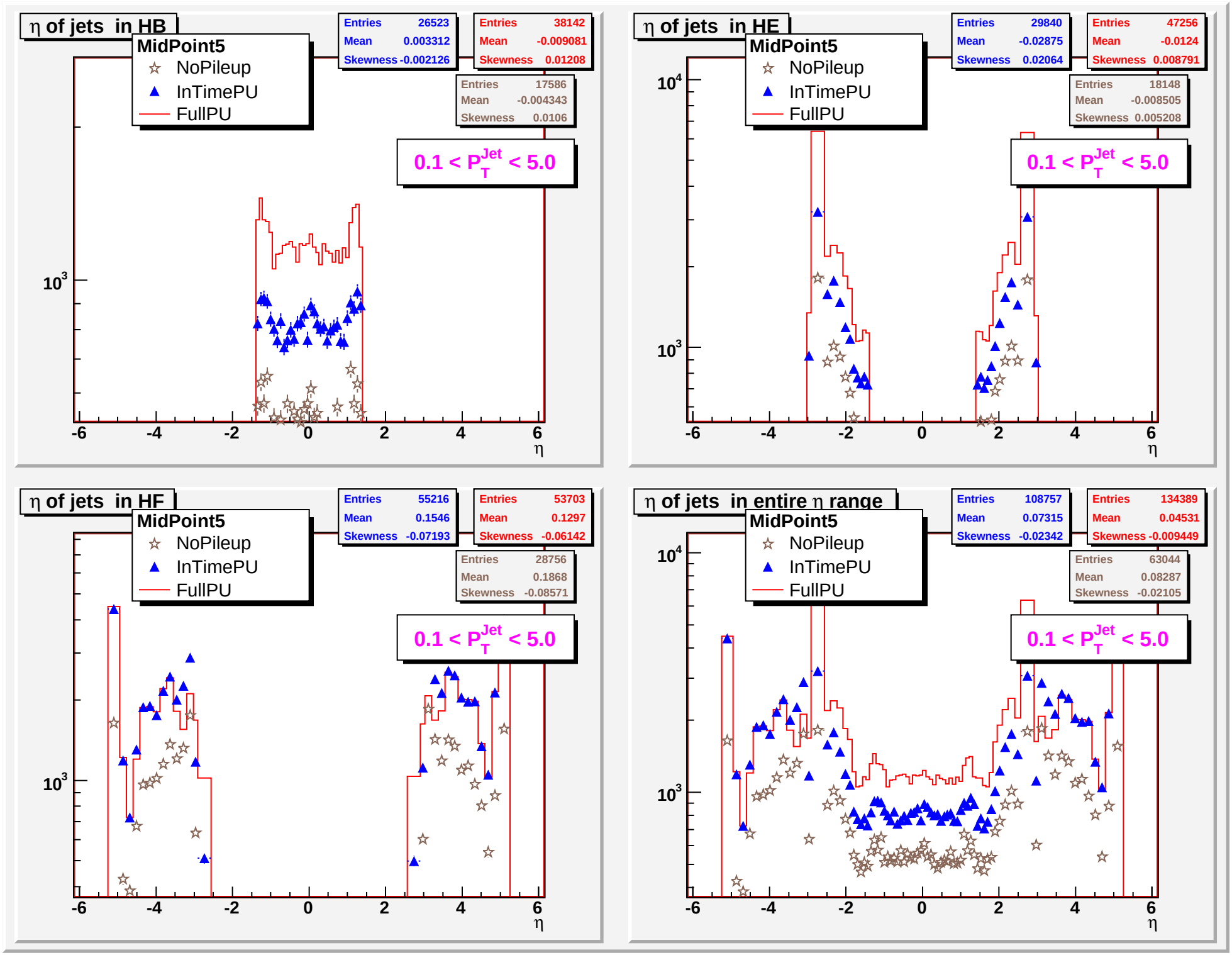
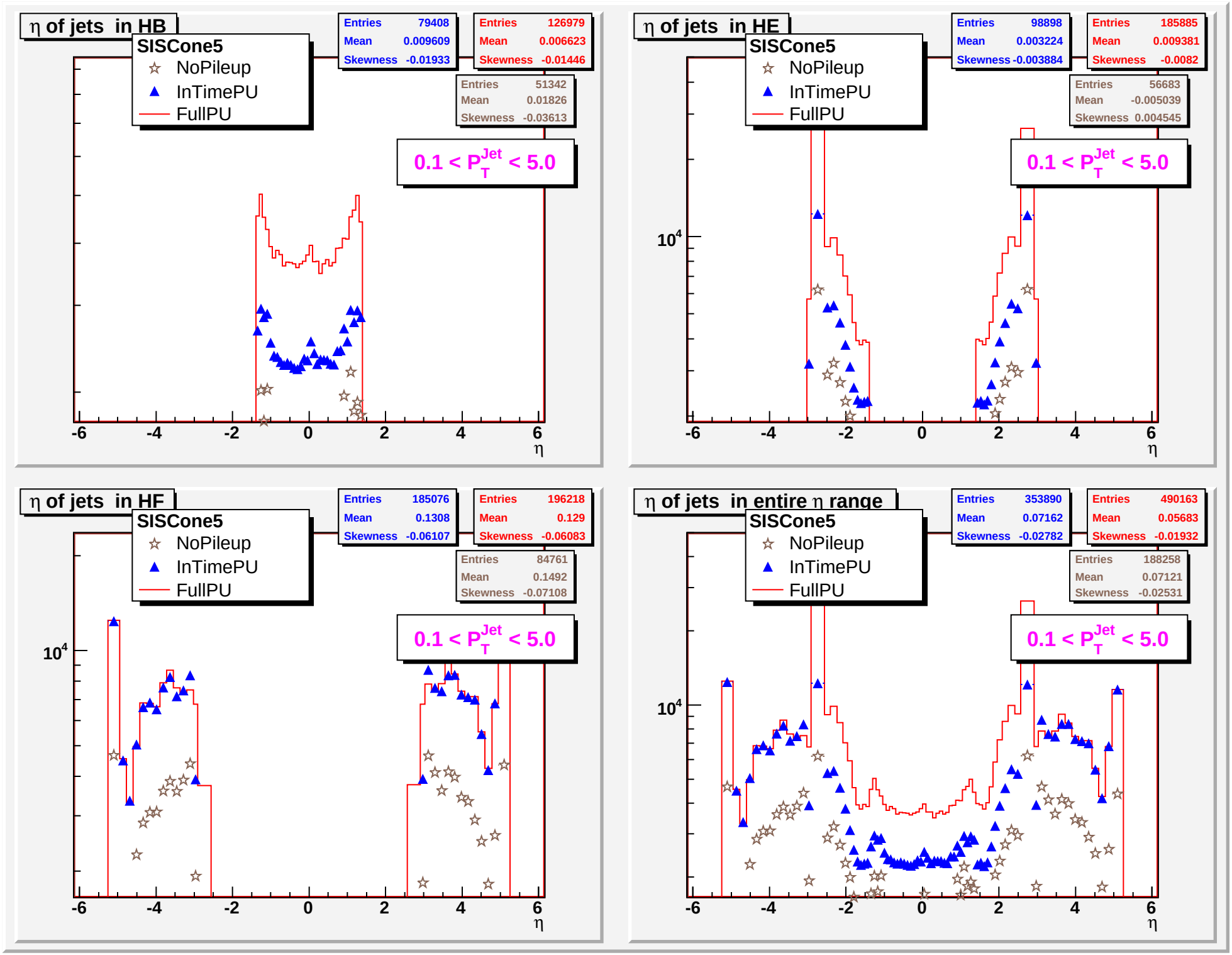

Σ P_T of all jets in HB
Entries 7000
Mean 10.12
Skewness 0.9083
Entries 7000
Mean 16.02
Skewness 0.7109
Entries 7000
Mean 6.218
Skewness 1.11
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 11.88
Skewness 0.8567
Entries 7000
Mean 21.27
Skewness 0.7101
Entries 7000
Mean 6.636
Skewness 1.055
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 22.67
Skewness 0.7244
Entries 7000
Mean 22.55
Skewness 0.7158
Entries 7000
Mean 10.53
Skewness 0.7983
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 43.44
Skewness 0.4688
Entries 7000
Mean 57.62
Skewness 0.4957
Entries 7000
Mean 22.8
Skewness 0.6082
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

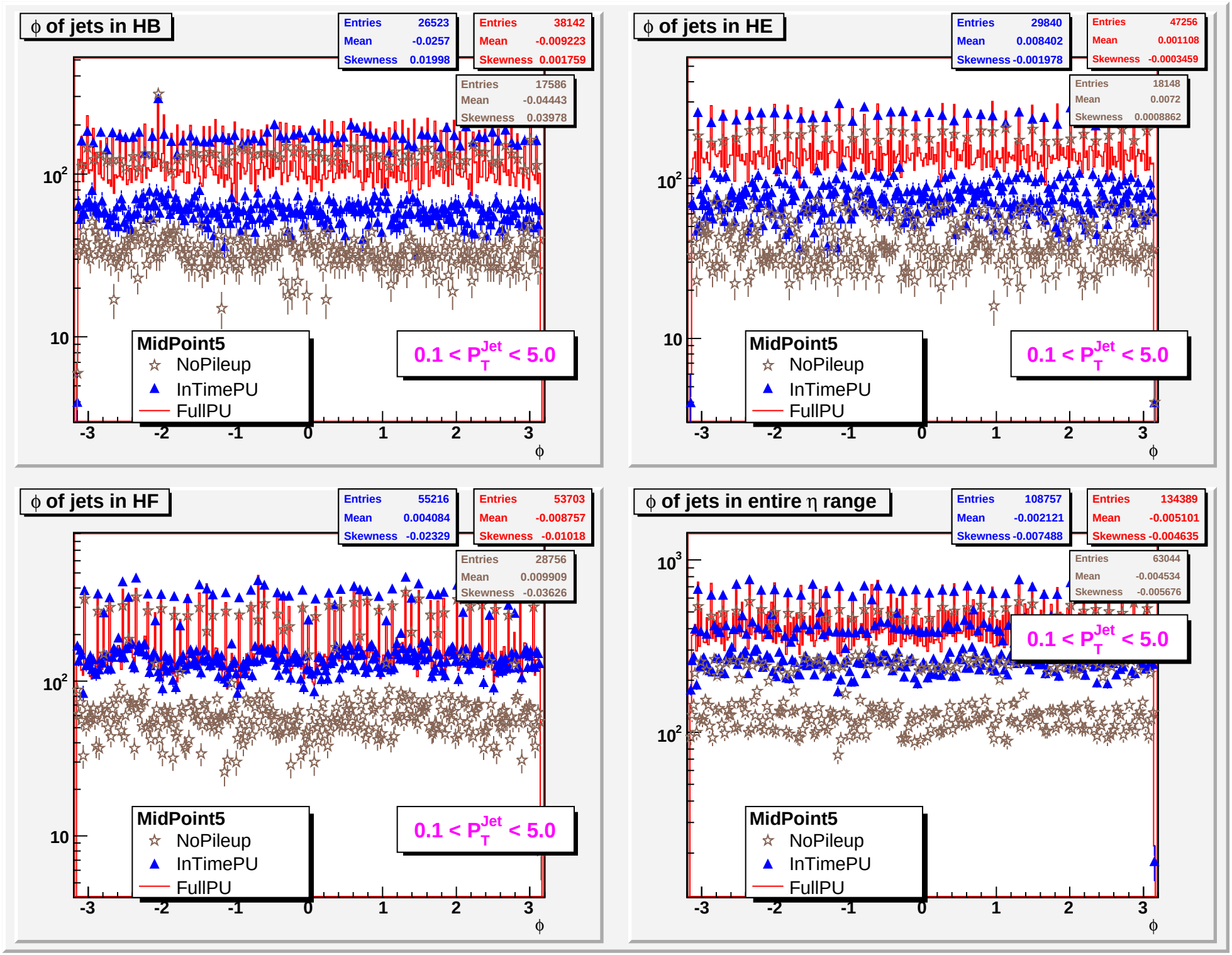

Σ P_T of all jets in HB
Entries 7000
Mean 21.33
Skewness 0.8888
Entries 7000
Mean 37.04
Skewness 0.7081
Entries 7000
Mean 12.89
Skewness 0.7462
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 26.83
Skewness 0.9504
Entries 7000
Mean 56.86
Skewness 0.6484
Entries 7000
Mean 14.17
Skewness 0.7914
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 50.23
Skewness 0.8764
Entries 7000
Mean 54.07
Skewness 0.881
Entries 7000
Mean 20.33
Skewness 0.4999
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 95.63
Skewness 0.8072
Entries 7000
Mean 142.1
Skewness 0.6486
Entries 7000
Mean 46.18
Skewness 0.4364
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

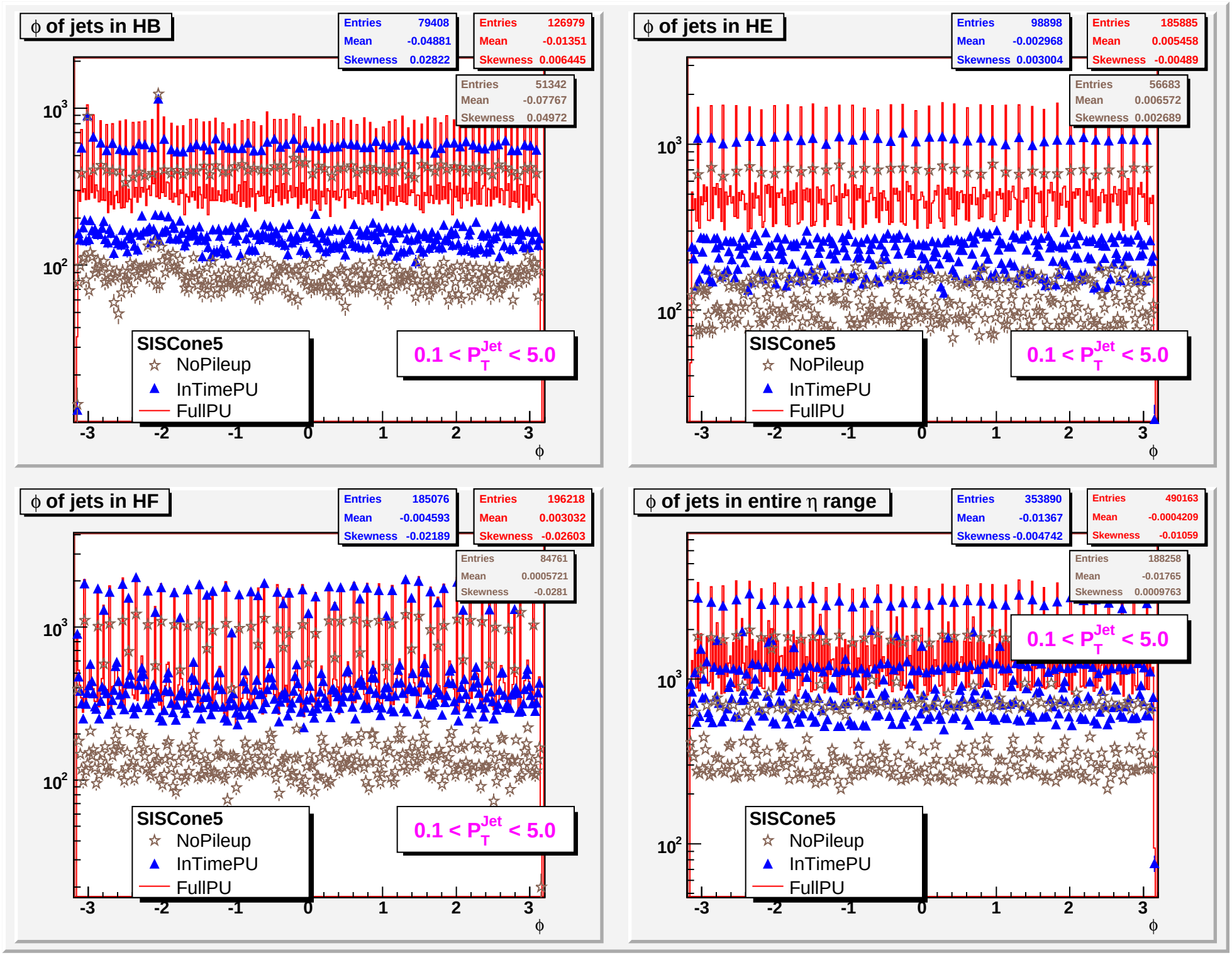

P_T of jets in HB
Entries 26523
Mean 2.67
Skewness 0.3112
Entries 38142
Mean 2.947
Skewness 0.03008
Entries 17586
Mean 2.475
Skewness 0.5483
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HE
Entries 29840
Mean 2.787
Skewness 0.1872
Entries 47256
Mean 3.168
Skewness -0.08625
Entries 18148
Mean 2.56
Skewness 0.4198
P_T of jets in HF
Entries 55216
Mean 2.874
Skewness 0.1144
Entries 53703
Mean 2.941
Skewness 0.03408
Entries 28756
Mean 2.562
Skewness 0.4289
P_T of jets in entire η range
Entries 108757
Mean 2.796
Skewness 0.1824
Entries 134389
Mean 3.011
Skewness -0.006021
Entries 63044
Mean 2.532
Skewness 0.4627

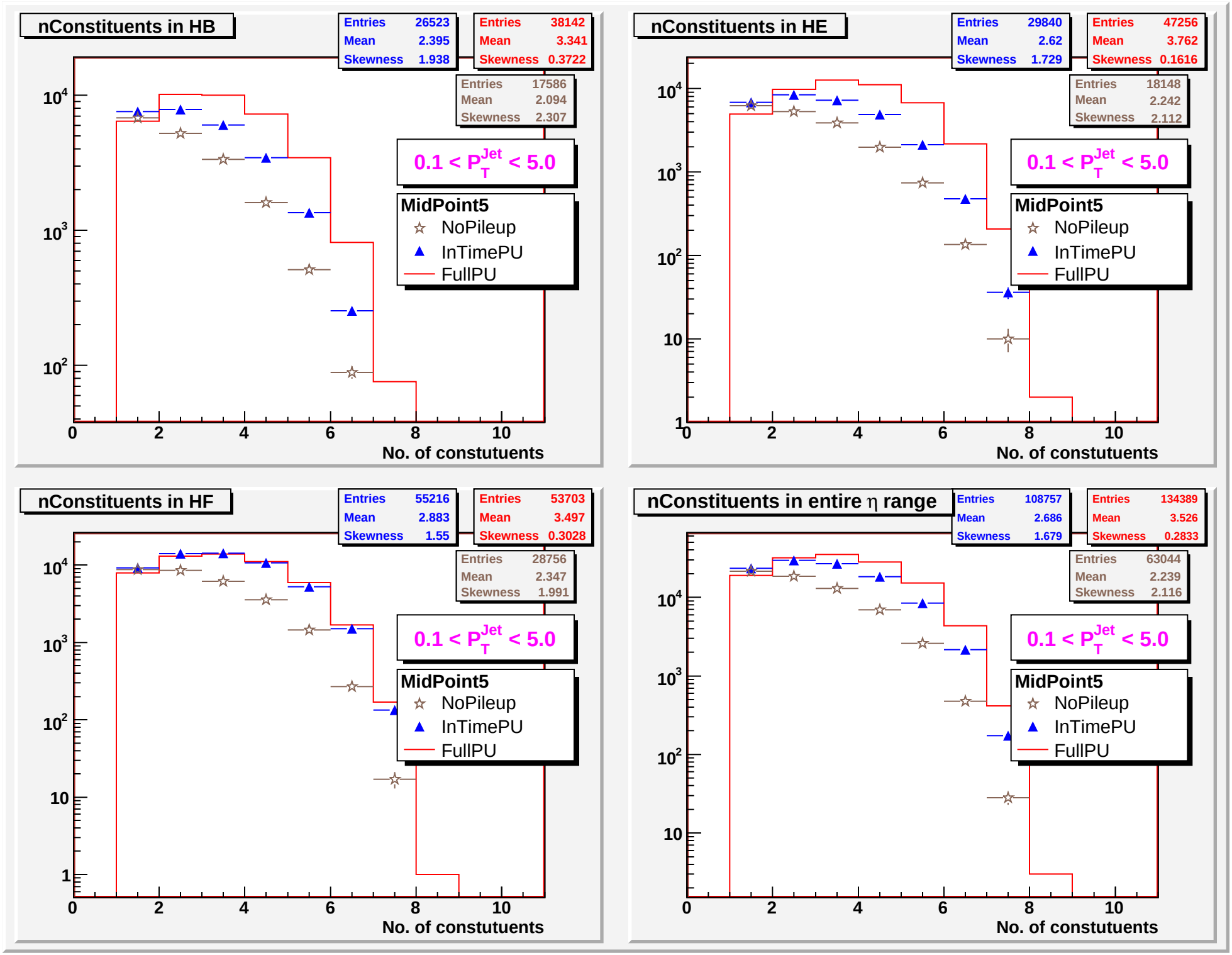

P_T of jets in HB
Entries 79408
Mean 1.881
Skewness 1.451
Entries 126979
Mean 2.01
Skewness 0.8731
Entries 51342
Mean 1.757
Skewness 1.645
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HE
Entries 98898
Mean 1.899
Skewness 1.431
Entries 185885
Mean 2.107
Skewness 0.7589
Entries 56683
Mean 1.749
Skewness 1.646
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HF
Entries 185076
Mean 1.9
Skewness 1.424
Entries 196218
Mean 1.904
Skewness 1.038
Entries 84761
Mean 1.679
Skewness 1.78
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in entire η range
Entries 353890
Mean 1.892
Skewness 1.436
Entries 490163
Mean 1.999
Skewness 0.8969
Entries 188258
Mean 1.717
Skewness 1.706
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)

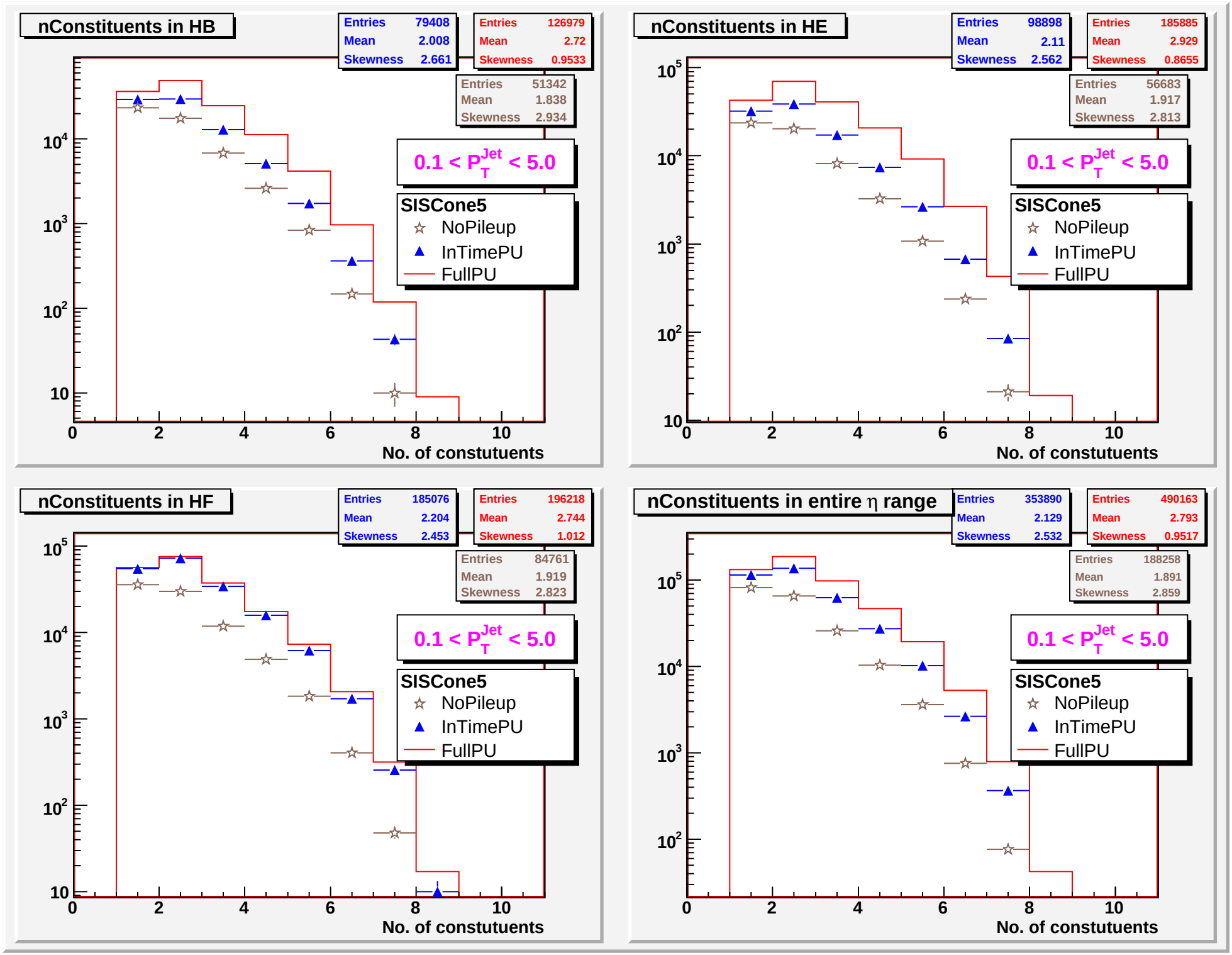

η of jets in HB
MidPoint5
NoPileup
InTimePU
FullPU
Entries 26523
Mean 0.003312
Skewness -0.002126
Entries 38142
Mean -0.009081
Skewness 0.01208
Entries 17586
Mean -0.004343
Skewness 0.0106
0.1 < P_T^Jet < 5.0
η of jets in HE
MidPoint5
NoPileup
InTimePU
FullPU
Entries 29840
Mean -0.02875
Skewness 0.02064
Entries 47256
Mean -0.0124
Skewness 0.008791
Entries 18148
Mean -0.008505
Skewness 0.005208
0.1 < P_T^Jet < 5.0
η of jets in HF
MidPoint5
NoPileup
InTimePU
FullPU
Entries 55216
Mean 0.1546
Skewness -0.07193
Entries 53703
Mean 0.1297
Skewness -0.06142
Entries 28756
Mean 0.1868
Skewness -0.08571
0.1 < P_T^Jet < 5.0
η of jets in entire η range
MidPoint5
NoPileup
InTimePU
FullPU
Entries 108757
Mean 0.07315
Skewness -0.02342
Entries 134389
Mean 0.04531
Skewness -0.009449
Entries 63044
Mean 0.08287
Skewness -0.02105
0.1 < P_T^Jet < 5.0
η

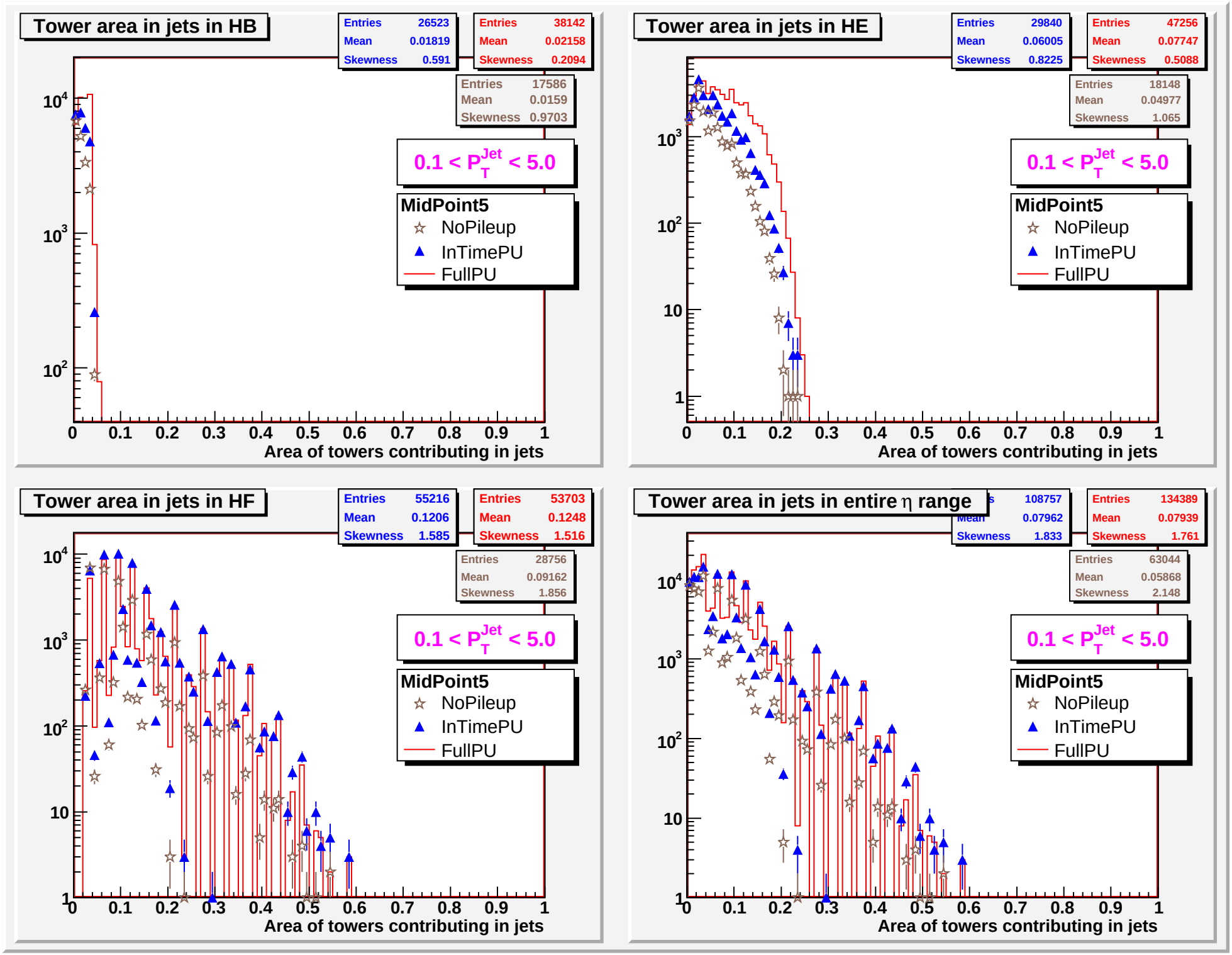

η of jets in HB
SISCone5
NoPileup
InTimePU
FullPU
Entries 79408
Mean 0.009609
Skewness -0.01933
Entries 126979
Mean 0.006623
Skewness -0.01446
Entries 51342
Mean 0.01826
Skewness -0.03613
0.1 < P_T^Jet < 5.0
η of jets in HE
Entries 98898
Mean 0.003224
Skewness -0.003884
Entries 185885
Mean 0.009381
Skewness -0.0082
Entries 56683
Mean -0.005039
Skewness 0.004545
η of jets in HF
Entries 185076
Mean 0.1308
Skewness -0.06107
Entries 196218
Mean 0.129
Skewness -0.06083
Entries 84761
Mean 0.1492
Skewness -0.07108
η of jets in entire η range
Entries 353890
Mean 0.07162
Skewness -0.02782
Entries 490163
Mean 0.05683
Skewness -0.01932
Entries 188258
Mean 0.07121
Skewness -0.02531
10^4
-6
-4
-2
0
2
4
6
η

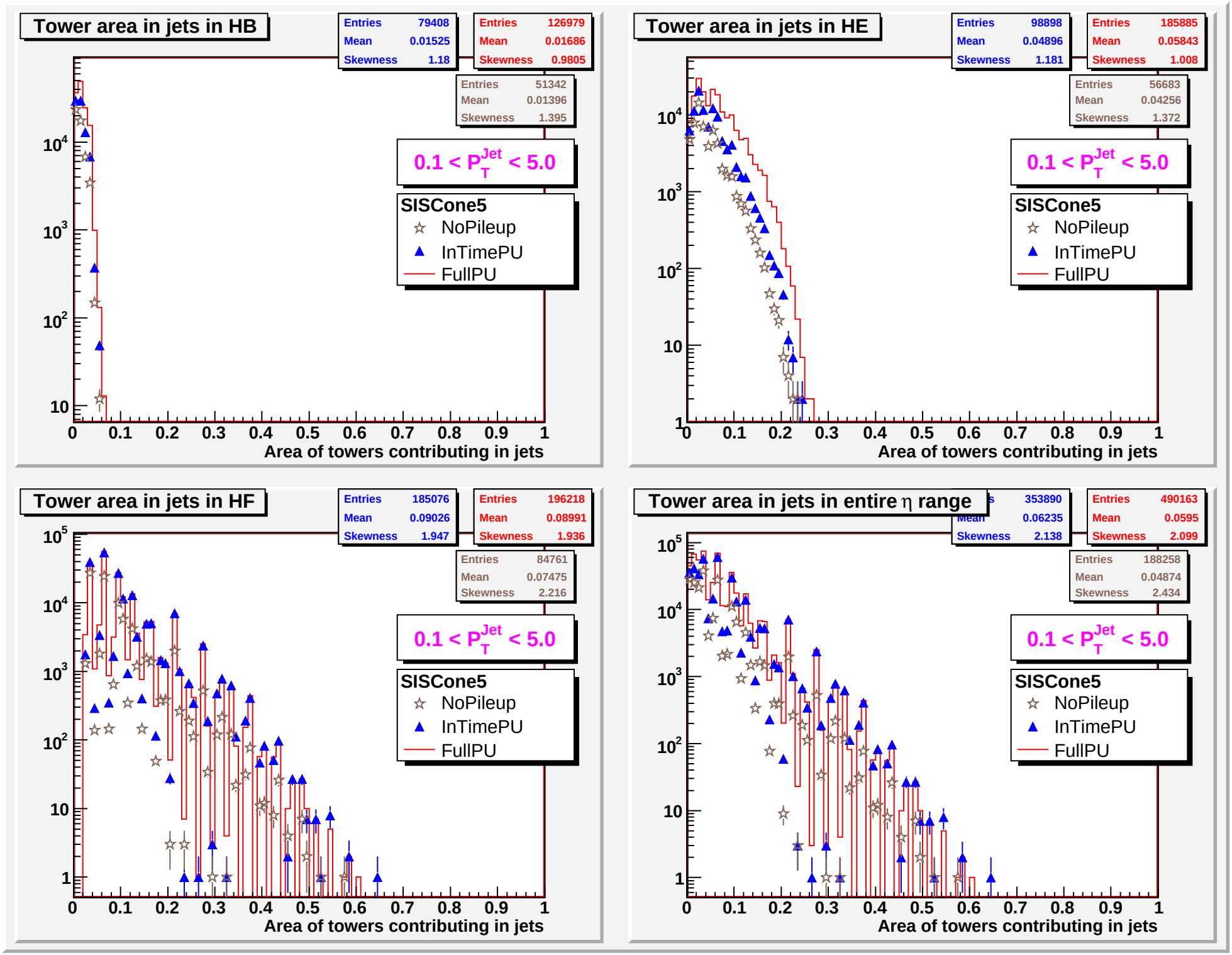

ϕ of jets in HB
Entries 26523
Mean -0.0257
Skewness 0.01998
Entries 38142
Mean -0.009223
Skewness 0.001759
Entries 17586
Mean -0.04443
Skewness 0.03978
MidPoint5
NoPileup
InTimePU
FullPU
0.1 < P_T^Jet < 5.0
ϕ of jets in HE
Entries 29840
Mean 0.008402
Skewness -0.001978
Entries 47256
Mean 0.001108
Skewness -0.0003459
Entries 18148
Mean 0.0072
Skewness 0.0008862
ϕ of jets in HF
Entries 55216
Mean 0.004084
Skewness -0.02329
Entries 53703
Mean -0.008757
Skewness -0.01018
Entries 28756
Mean 0.009909
Skewness -0.03626
ϕ of jets in entire η range
Entries 108757
Mean -0.002121
Skewness -0.007488
Entries 134389
Mean -0.005101
Skewness -0.004635
Entries 63044
Mean -0.004534
Skewness -0.005676
ϕ

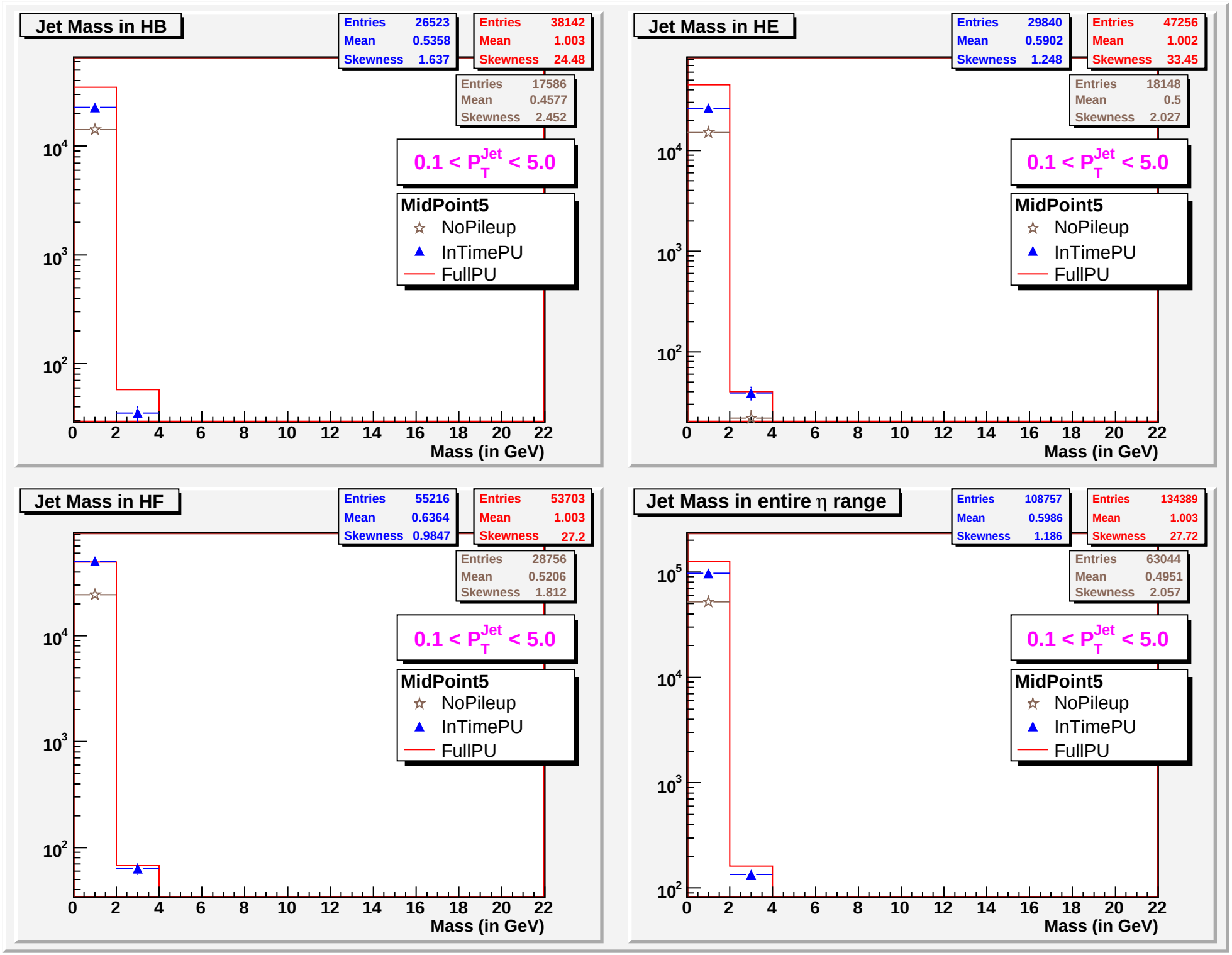

ϕ of jets in HB
Entries 79408
Mean -0.04881
Skewness 0.02822
Entries 126979
Mean -0.01351
Skewness 0.006445
Entries 51342
Mean -0.07767
Skewness 0.04972
SISCone5
NoPileup
InTimePU
FullPU
0.1 < P_T^Jet < 5.0
ϕ of jets in HE
Entries 98898
Mean -0.002968
Skewness 0.003004
Entries 185885
Mean 0.005458
Skewness -0.00489
Entries 56683
Mean 0.006572
Skewness 0.002689
ϕ of jets in HF
Entries 185076
Mean -0.004593
Skewness -0.02189
Entries 196218
Mean 0.003032
Skewness -0.02603
Entries 84761
Mean 0.0005721
Skewness -0.0281
ϕ of jets in entire η range
Entries 353890
Mean -0.01367
Skewness -0.004742
Entries 490163
Mean -0.0004209
Skewness -0.01059
Entries 188258
Mean -0.01765
Skewness 0.0009763
ϕ

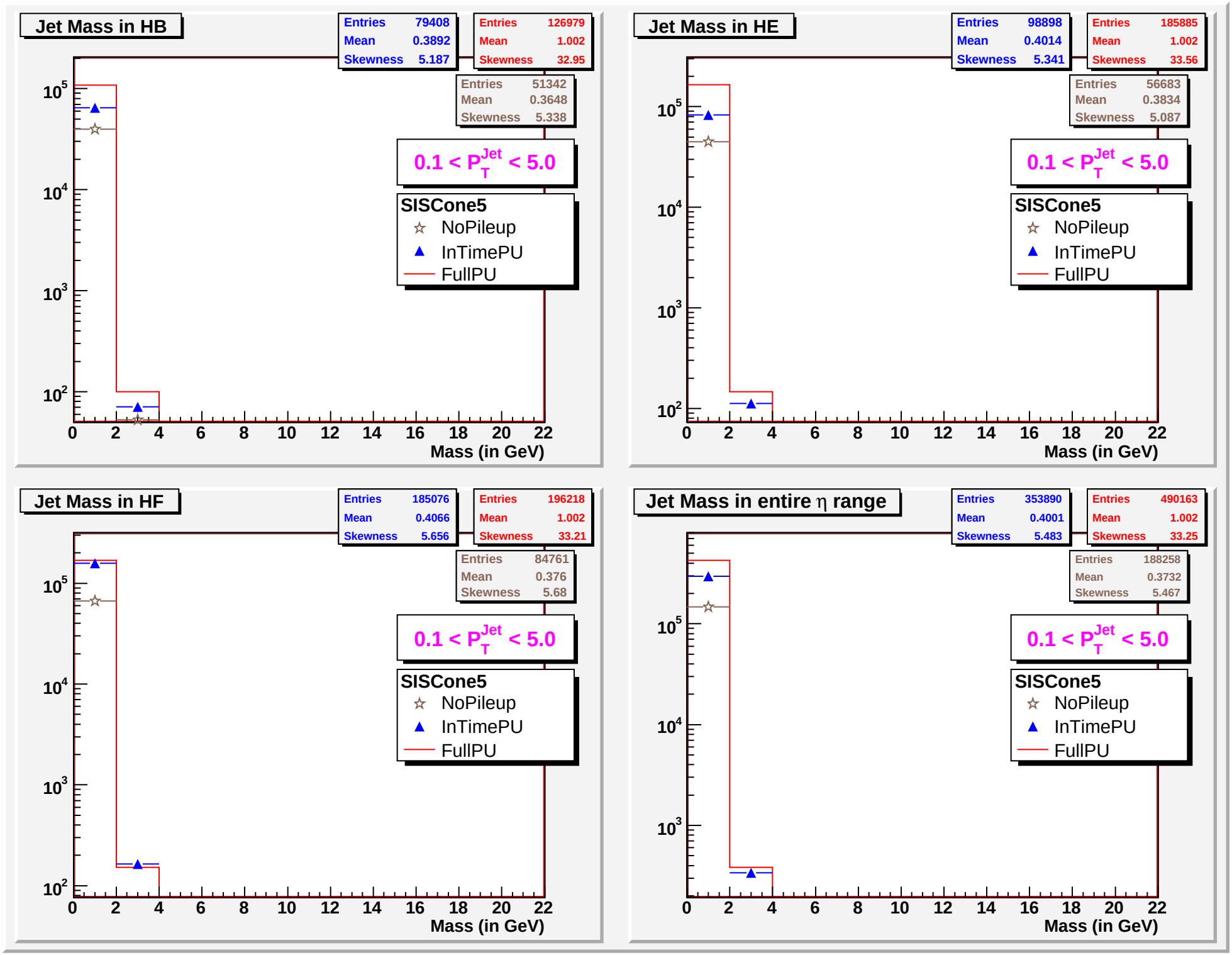

nConstituents in HB
Entries 26523
Mean 2.395
Skewness 1.938
Entries 38142
Mean 3.341
Skewness 0.3722
Entries 17586
Mean 2.094
Skewness 2.307
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 29840
Mean 2.62
Skewness 1.729
Entries 47256
Mean 3.762
Skewness 0.1616
Entries 18148
Mean 2.242
Skewness 2.112
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 55216
Mean 2.883
Skewness 1.55
Entries 53703
Mean 3.497
Skewness 0.3028
Entries 28756
Mean 2.347
Skewness 1.991
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 108757
Mean 2.686
Skewness 1.679
Entries 134389
Mean 3.526
Skewness 0.2833
Entries 63044
Mean 2.239
Skewness 2.116
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents

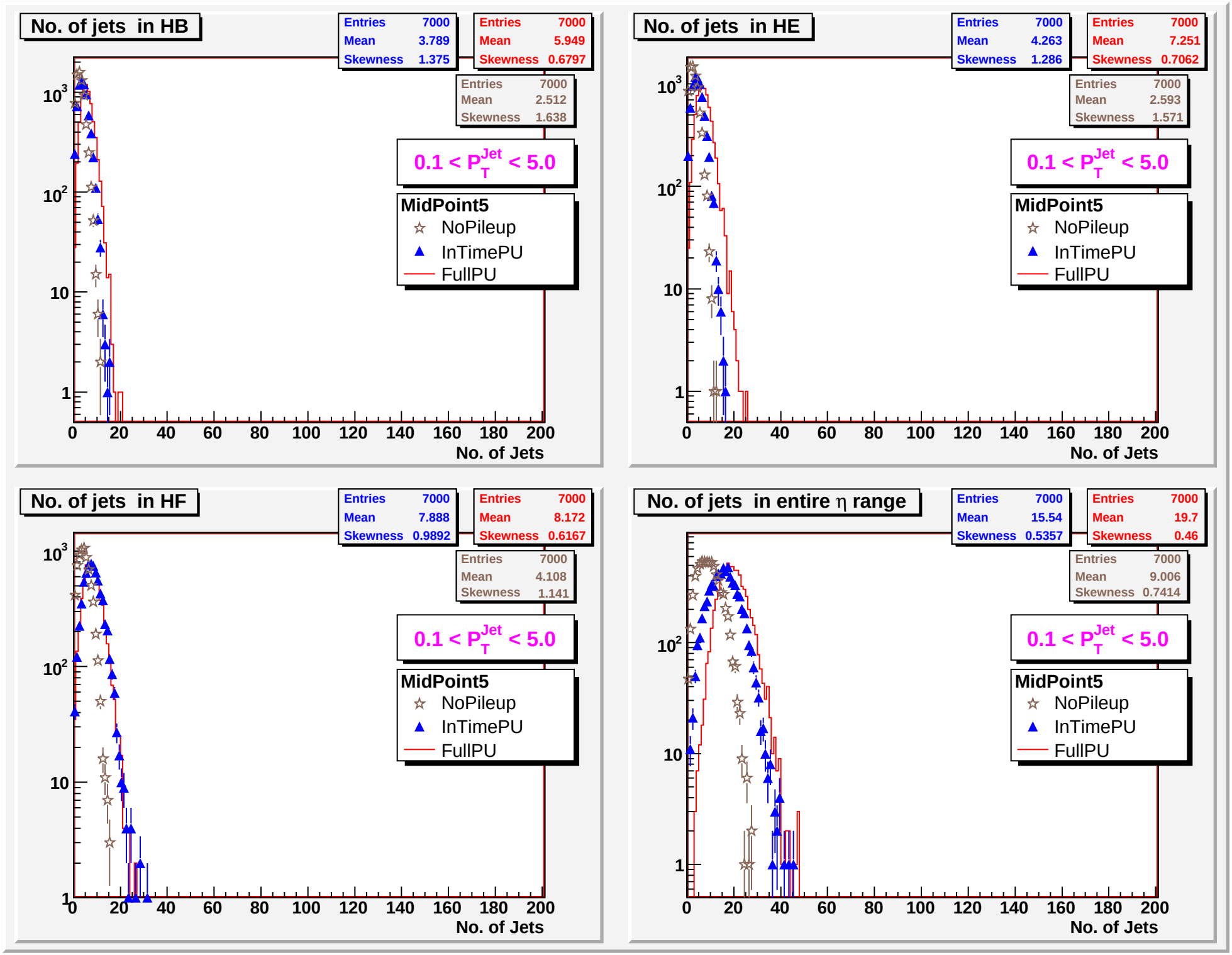

nConstituents in HB
Entries 79408
Mean 2.008
Skewness 2.661
Entries 126979
Mean 2.72
Skewness 0.9533
Entries 51342
Mean 1.838
Skewness 2.934
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 98898
Mean 2.11
Skewness 2.562
Entries 185885
Mean 2.929
Skewness 0.8655
Entries 56683
Mean 1.917
Skewness 2.813
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 185076
Mean 2.204
Skewness 2.453
Entries 196218
Mean 2.744
Skewness 1.012
Entries 84761
Mean 1.919
Skewness 2.823
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 353890
Mean 2.129
Skewness 2.532
Entries 490163
Mean 2.793
Skewness 0.9517
Entries 188258
Mean 1.891
Skewness 2.859
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents

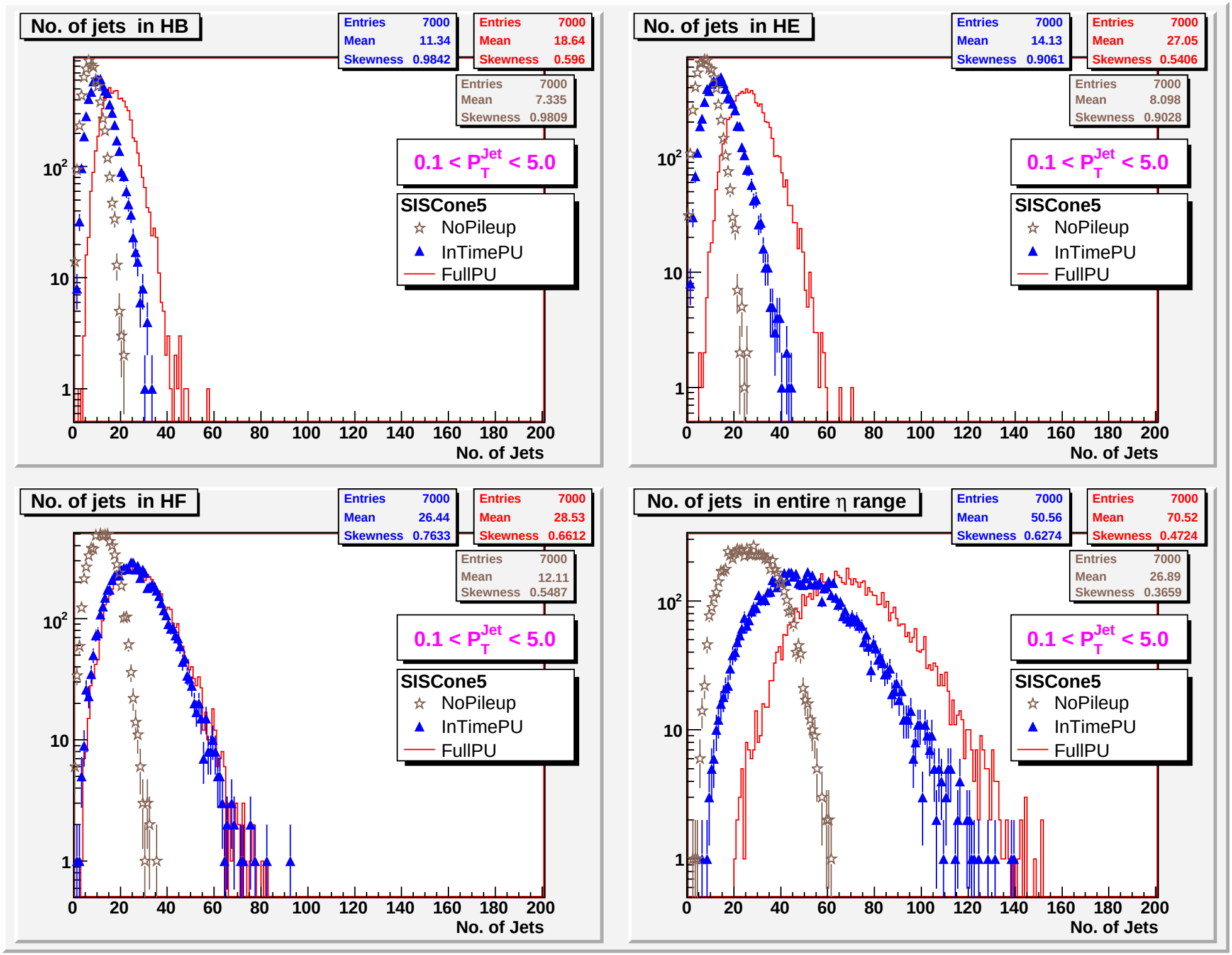

Tower area in jets in HB
Entries 26523
Mean 0.01819
Skewness 0.591
Entries 38142
Mean 0.02158
Skewness 0.2094
Entries 17586
Mean 0.0159
Skewness 0.9703
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 29840
Mean 0.06005
Skewness 0.8225
Entries 47256
Mean 0.07747
Skewness 0.5088
Entries 18148
Mean 0.04977
Skewness 1.065
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 55216
Mean 0.1206
Skewness 1.585
Entries 53703
Mean 0.1248
Skewness 1.516
Entries 28756
Mean 0.09162
Skewness 1.856
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
108757
0.07962
Skewness 1.833
Entries 134389
Mean 0.07939
Skewness 1.761
Entries 63044
Mean 0.05868
Skewness 2.148
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

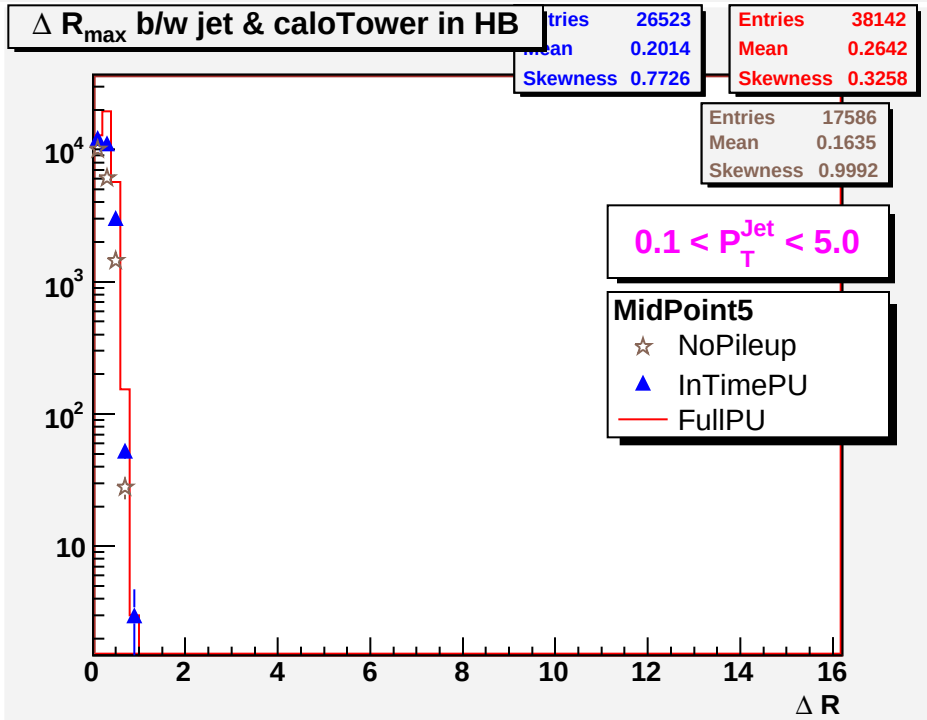

Tower area in jets in HB
Entries 79408
Mean 0.01525
Skewness 1.18
Entries 126979
Mean 0.01686
Skewness 0.9805
Entries 51342
Mean 0.01396
Skewness 1.395
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 98898
Mean 0.04896
Skewness 1.181
Entries 185885
Mean 0.05843
Skewness 1.008
Entries 56683
Mean 0.04256
Skewness 1.372
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 185076
Mean 0.09026
Skewness 1.947
Entries 196218
Mean 0.08991
Skewness 1.936
Entries 84761
Mean 0.07475
Skewness 2.216
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
353890
0.06235
Skewness 2.138
Entries 490163
Mean 0.0595
Skewness 2.099
Entries 188258
Mean 0.04874
Skewness 2.434
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

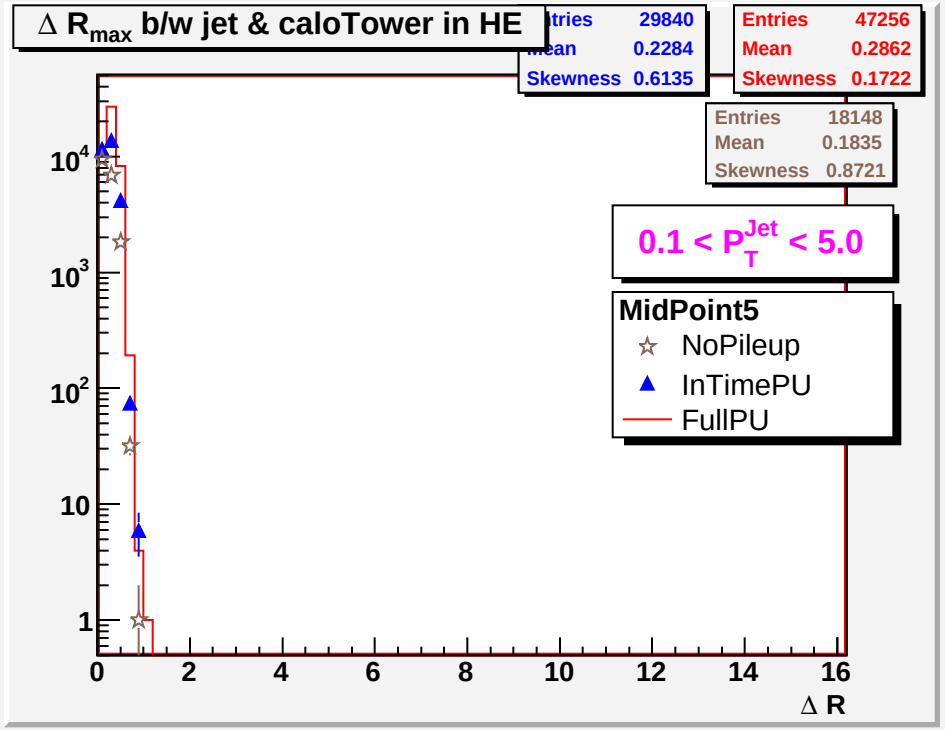

Jet Mass in HB
Entries 26523
Mean 0.5358
Skewness 1.637
Entries 38142
Mean 1.003
Skewness 24.48
Entries 17586
Mean 0.4577
Skewness 2.452
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 29840
Mean 0.5902
Skewness 1.248
Entries 47256
Mean 1.002
Skewness 33.45
Entries 18148
Mean 0.5
Skewness 2.027
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 55216
Mean 0.6364
Skewness 0.9847
Entries 53703
Mean 1.003
Skewness 27.2
Entries 28756
Mean 0.5206
Skewness 1.812
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 108757
Mean 0.5986
Skewness 1.186
Entries 134389
Mean 1.003
Skewness 27.72
Entries 63044
Mean 0.4951
Skewness 2.057
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)

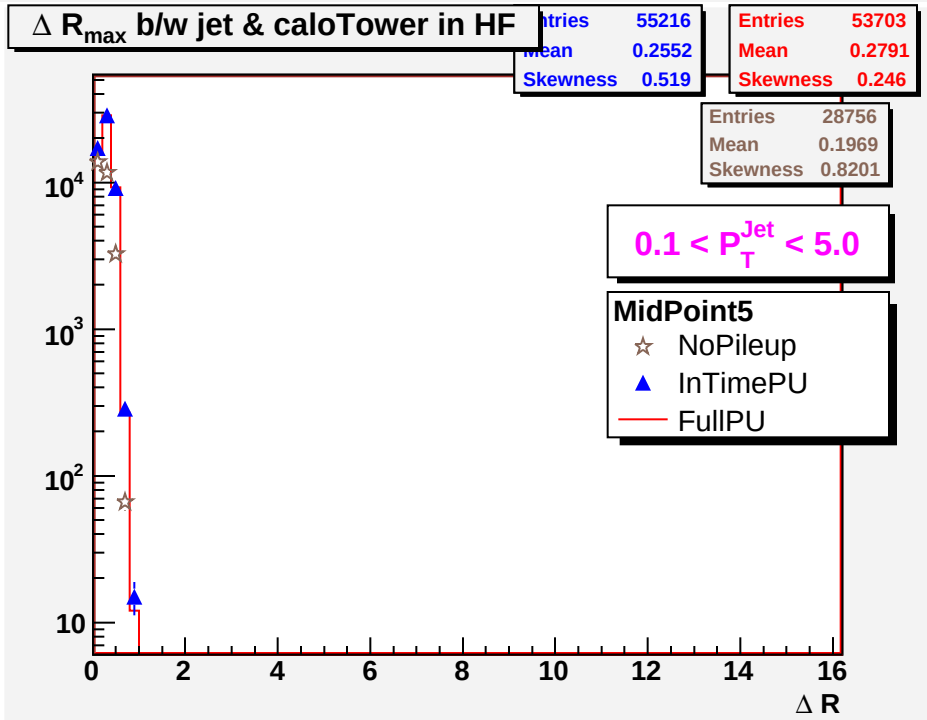

Jet Mass in HB
Entries 79408
Mean 0.3892
Skewness 5.187
Entries 126979
Mean 1.002
Skewness 32.95
Entries 51342
Mean 0.3648
Skewness 5.338
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 98898
Mean 0.4014
Skewness 5.341
Entries 185885
Mean 1.002
Skewness 33.56
Entries 56683
Mean 0.3834
Skewness 5.087
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 185076
Mean 0.4066
Skewness 5.656
Entries 196218
Mean 1.002
Skewness 33.21
Entries 84761
Mean 0.376
Skewness 5.68
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 353890
Mean 0.4001
Skewness 5.483
Entries 490163
Mean 1.002
Skewness 33.25
Entries 188258
Mean 0.3732
Skewness 5.467
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)

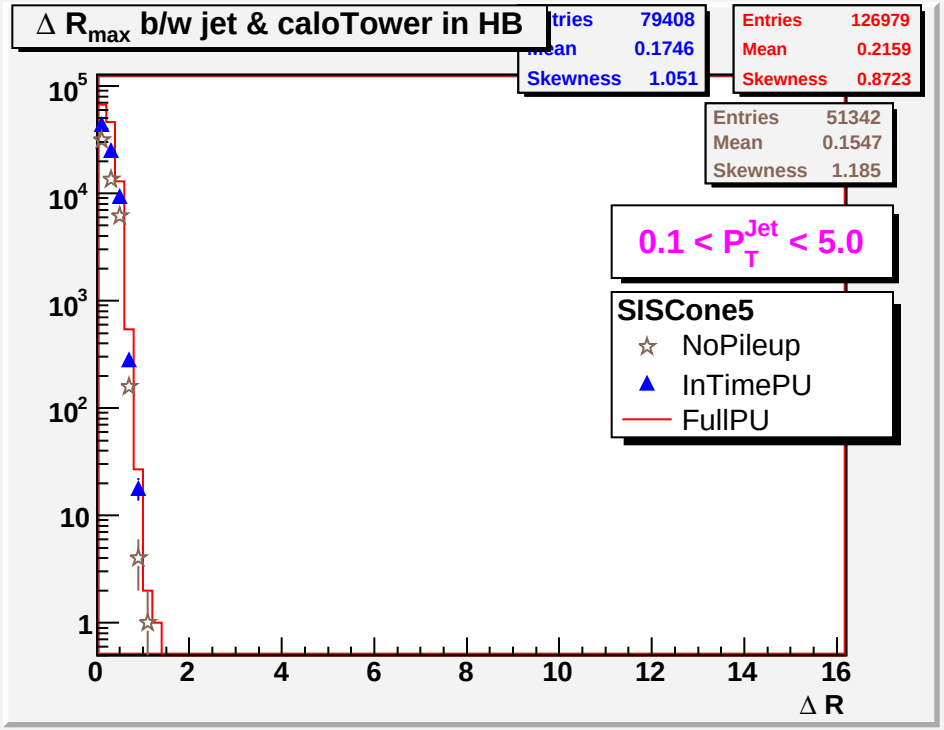

No. of jets in HB
Entries 7000
Mean 3.789
Skewness 1.375
Entries 7000
Mean 5.949
Skewness 0.6797
Entries 7000
Mean 2.512
Skewness 1.638
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 4.263
Skewness 1.286
Entries 7000
Mean 7.251
Skewness 0.7062
Entries 7000
Mean 2.593
Skewness 1.571
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 7.888
Skewness 0.9892
Entries 7000
Mean 8.172
Skewness 0.6167
Entries 7000
Mean 4.108
Skewness 1.141
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 15.54
Skewness 0.5357
Entries 7000
Mean 19.7
Skewness 0.46
Entries 7000
Mean 9.006
Skewness 0.7414
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets

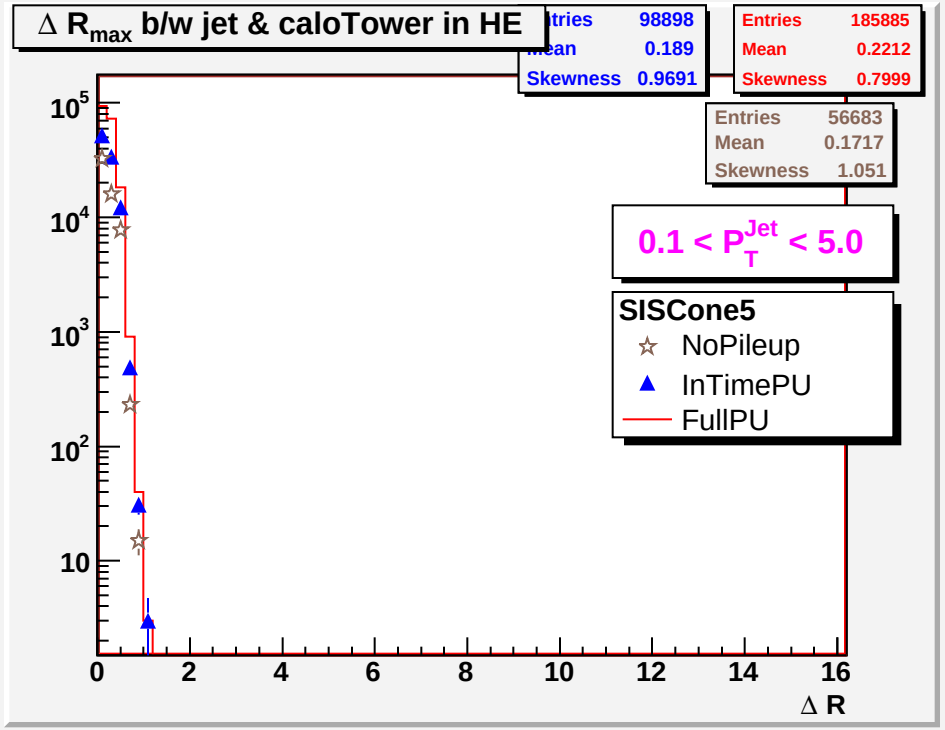

No. of jets in HB
Entries 7000
Mean 11.34
Skewness 0.9842
Entries 7000
Mean 18.64
Skewness 0.596
Entries 7000
Mean 7.335
Skewness 0.9809
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 14.13
Skewness 0.9061
Entries 7000
Mean 27.05
Skewness 0.5406
Entries 7000
Mean 8.098
Skewness 0.9028
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 26.44
Skewness 0.7633
Entries 7000
Mean 28.53
Skewness 0.6612
Entries 7000
Mean 12.11
Skewness 0.5487
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 50.56
Skewness 0.6274
Entries 7000
Mean 70.52
Skewness 0.4724
Entries 7000
Mean 26.89
Skewness 0.3659
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets

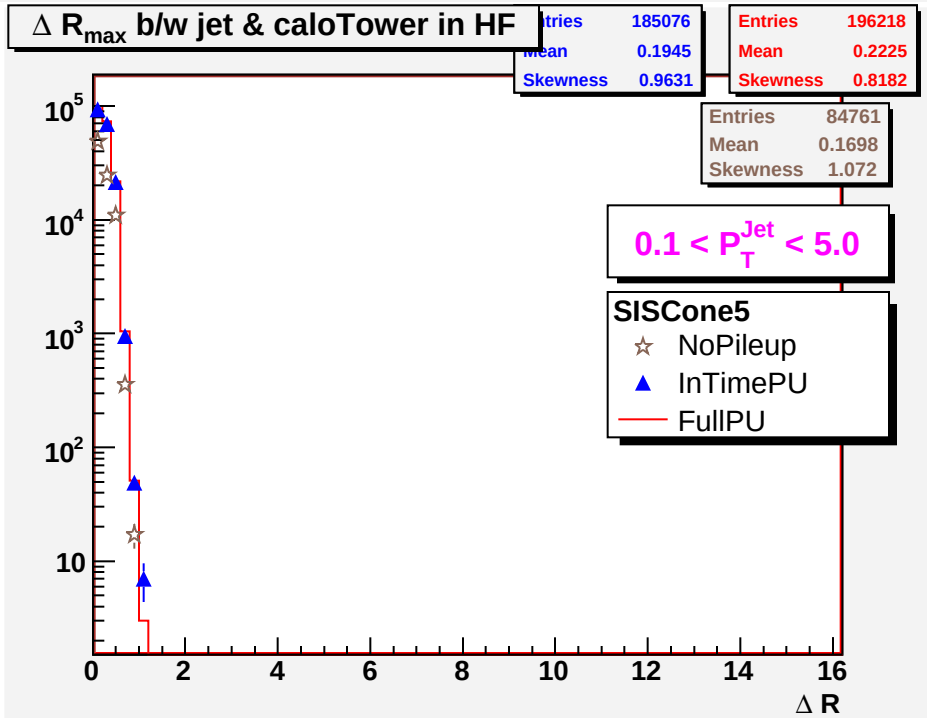

Δ R_max b/w jet & caloTower in HB
Entries 26523
Mean 0.2014
Skewness 0.7726
Entries 38142
Mean 0.2642
Skewness 0.3258
Entries 17586
Mean 0.1635
Skewness 0.9992
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

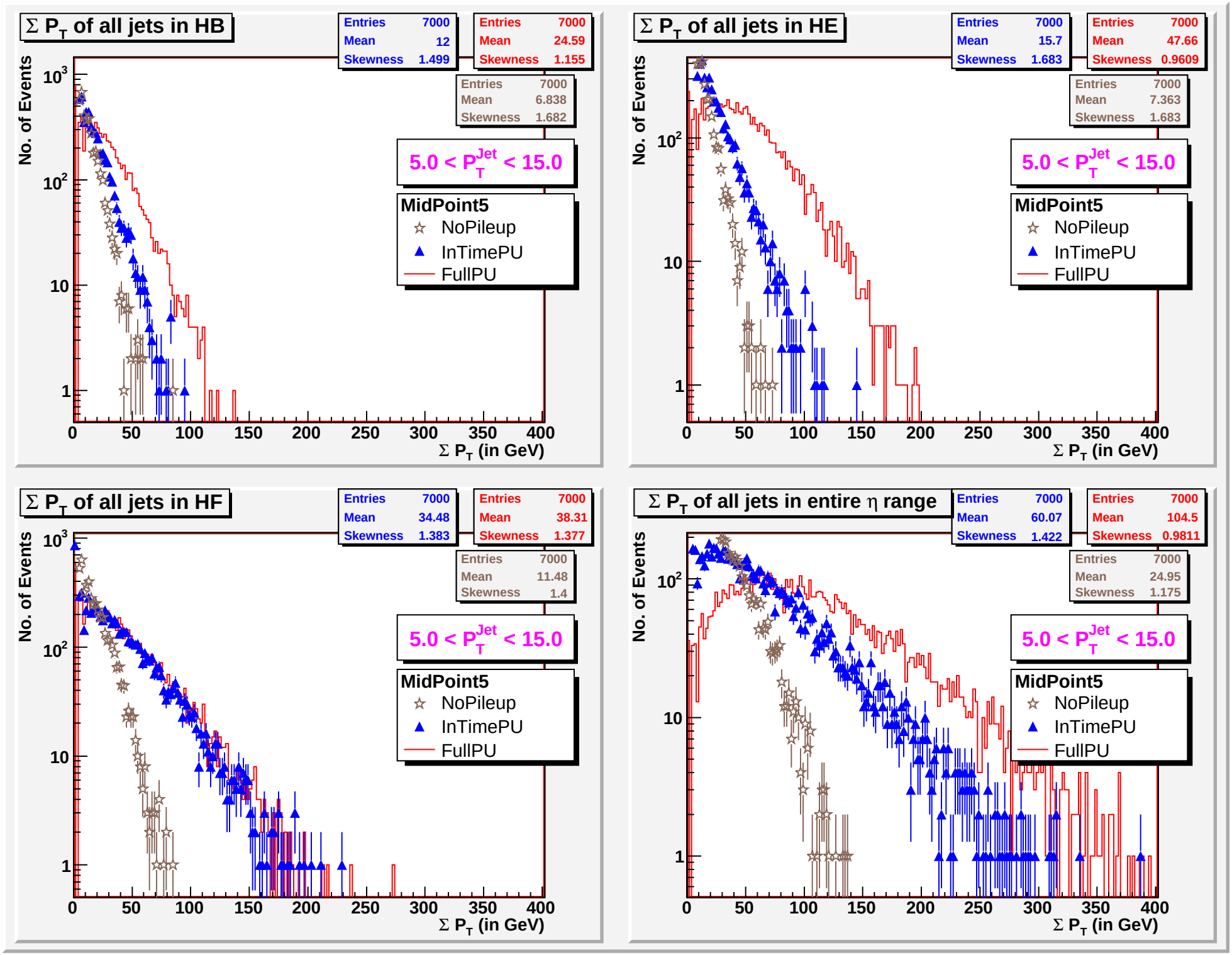

Δ R_max b/w jet & caloTower in HE
Entries 29840
Mean 0.2284
Skewness 0.6135
Entries 47256
Mean 0.2862
Skewness 0.1722
Entries 18148
Mean 0.1835
Skewness 0.8721
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

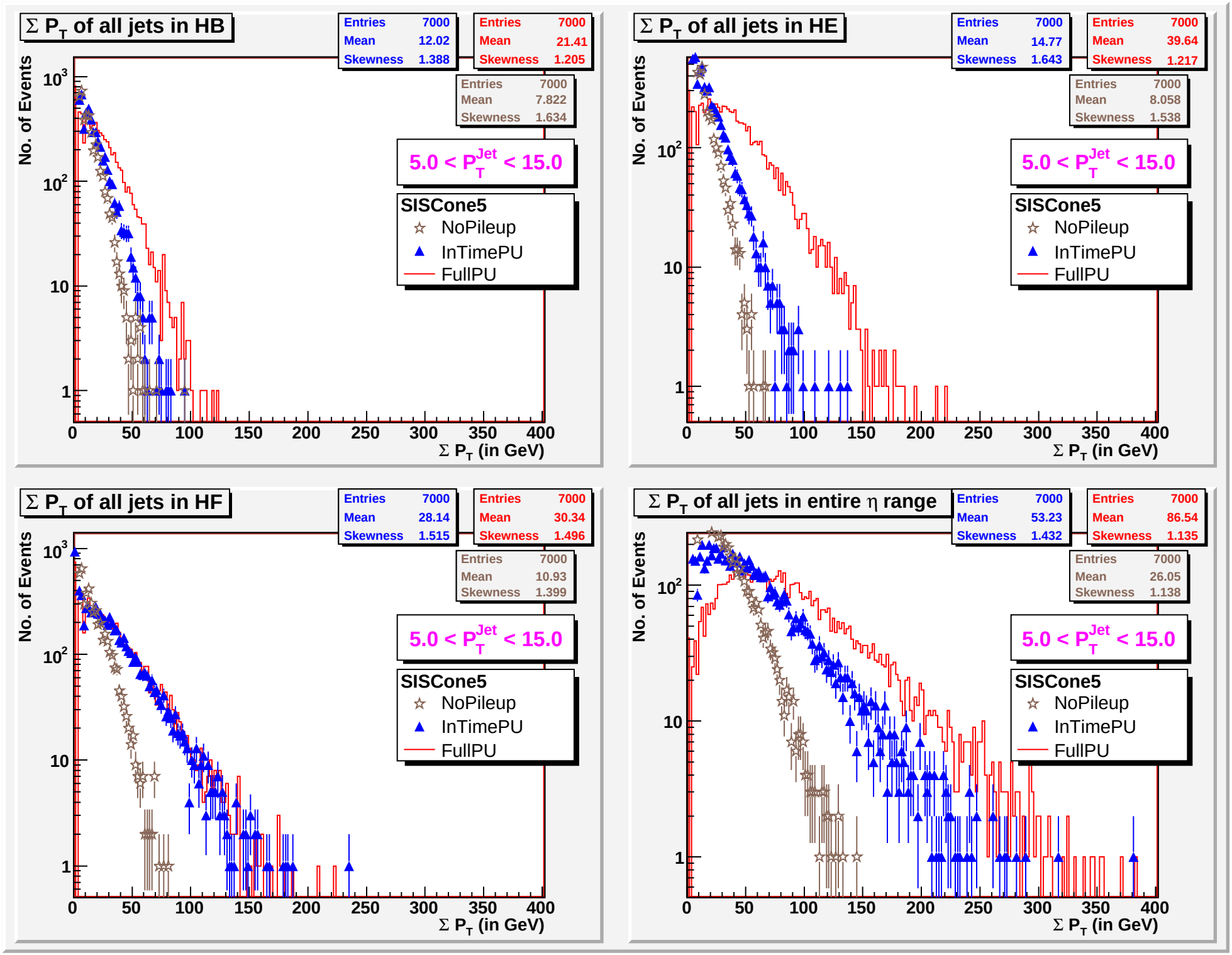

Δ R_max b/w jet & caloTower in HF
Entries 55216
Mean 0.2552
Skewness 0.519
Entries 53703
Mean 0.2791
Skewness 0.246
Entries 28756
Mean 0.1969
Skewness 0.8201
0.1 < P_T^Jet < 5.0
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

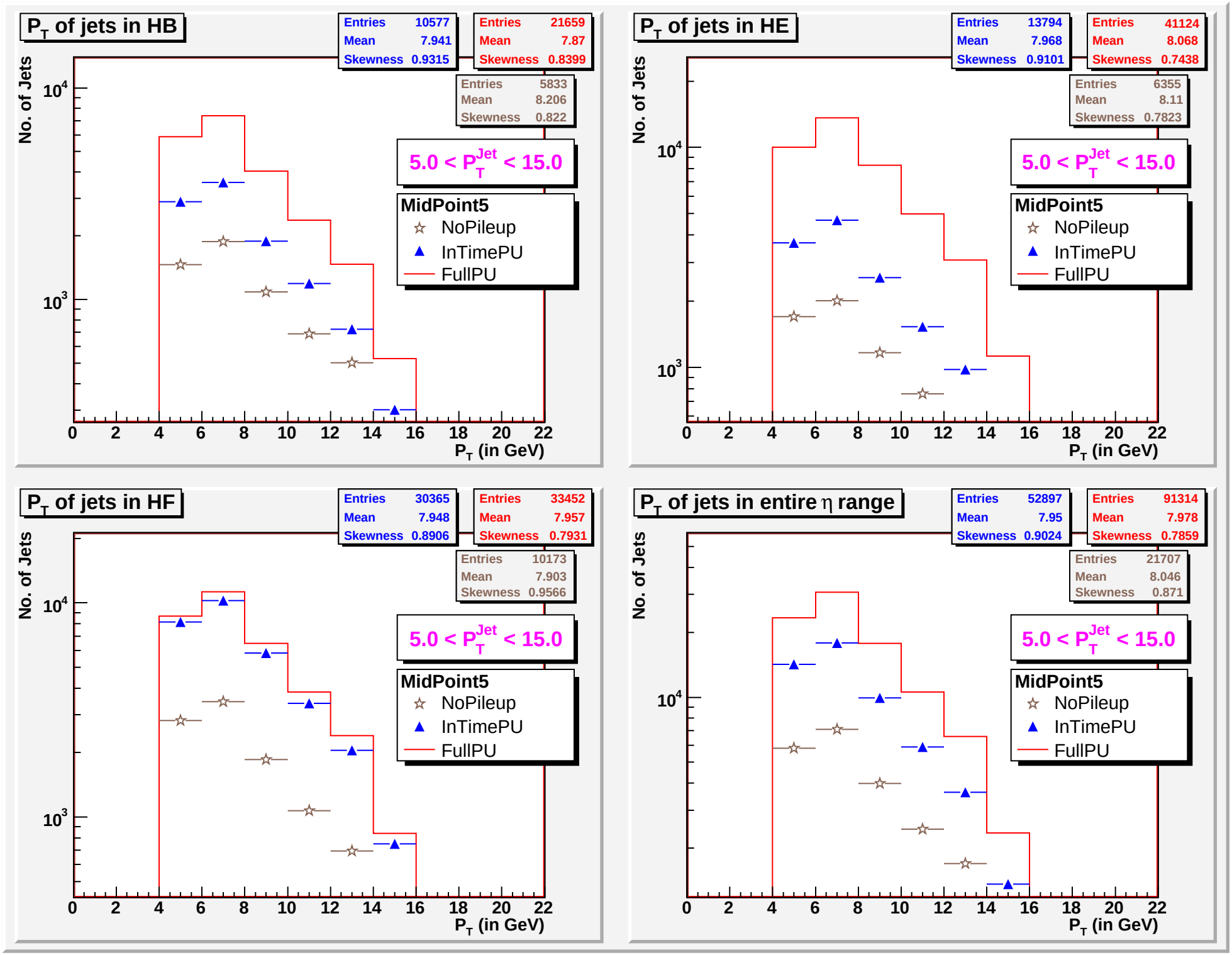

Δ R_max b/w jet & caloTower in HB
Entries 79408
Mean 0.1746
Skewness 1.051
Entries 126979
Mean 0.2159
Skewness 0.8723
Entries 51342
Mean 0.1547
Skewness 1.185
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Δ R

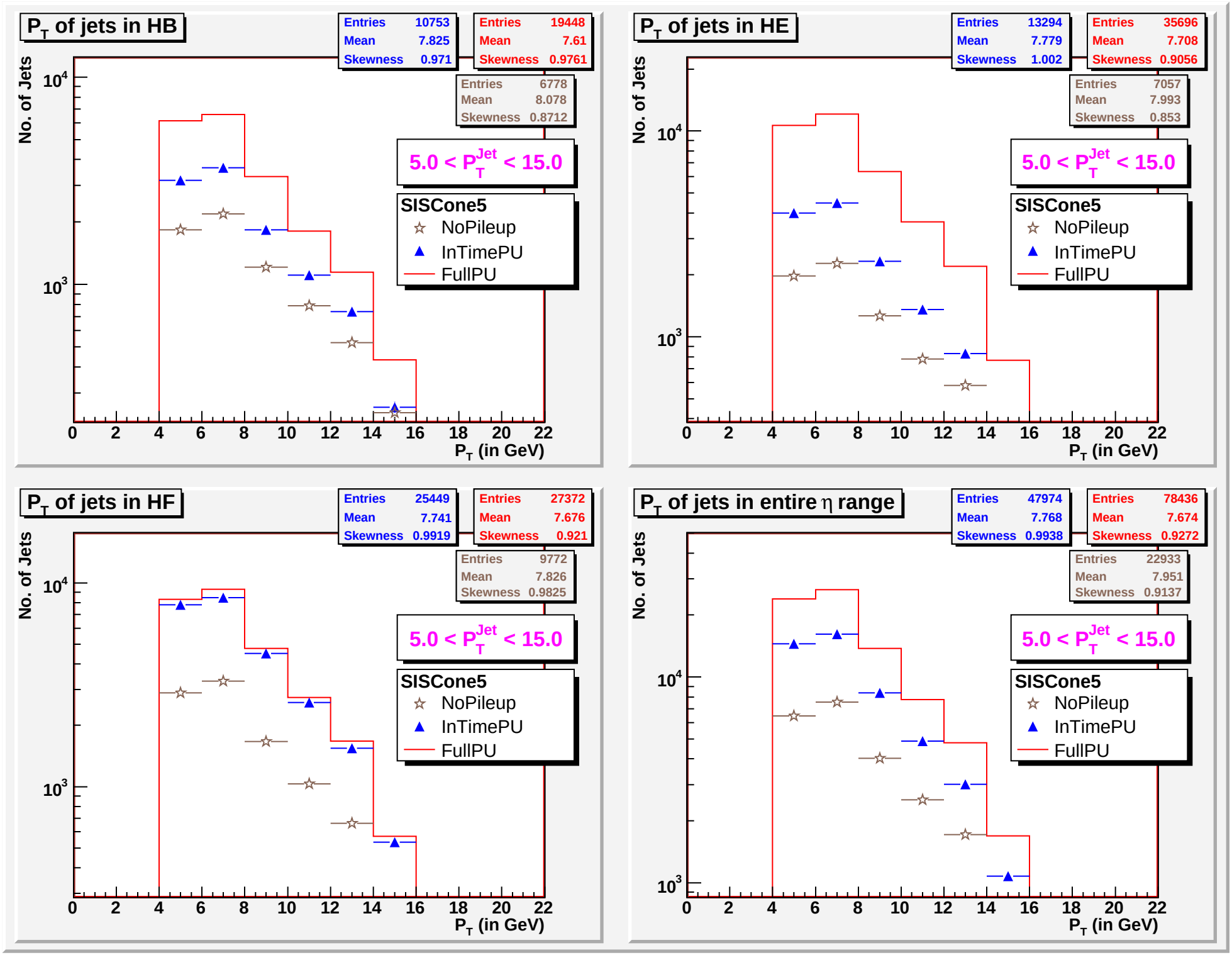

Δ R_max b/w jet & caloTower in HE
Entries 98898
Mean 0.189
Skewness 0.9691
Entries 185885
Mean 0.2212
Skewness 0.7999
Entries 56683
Mean 0.1717
Skewness 1.051
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Δ R

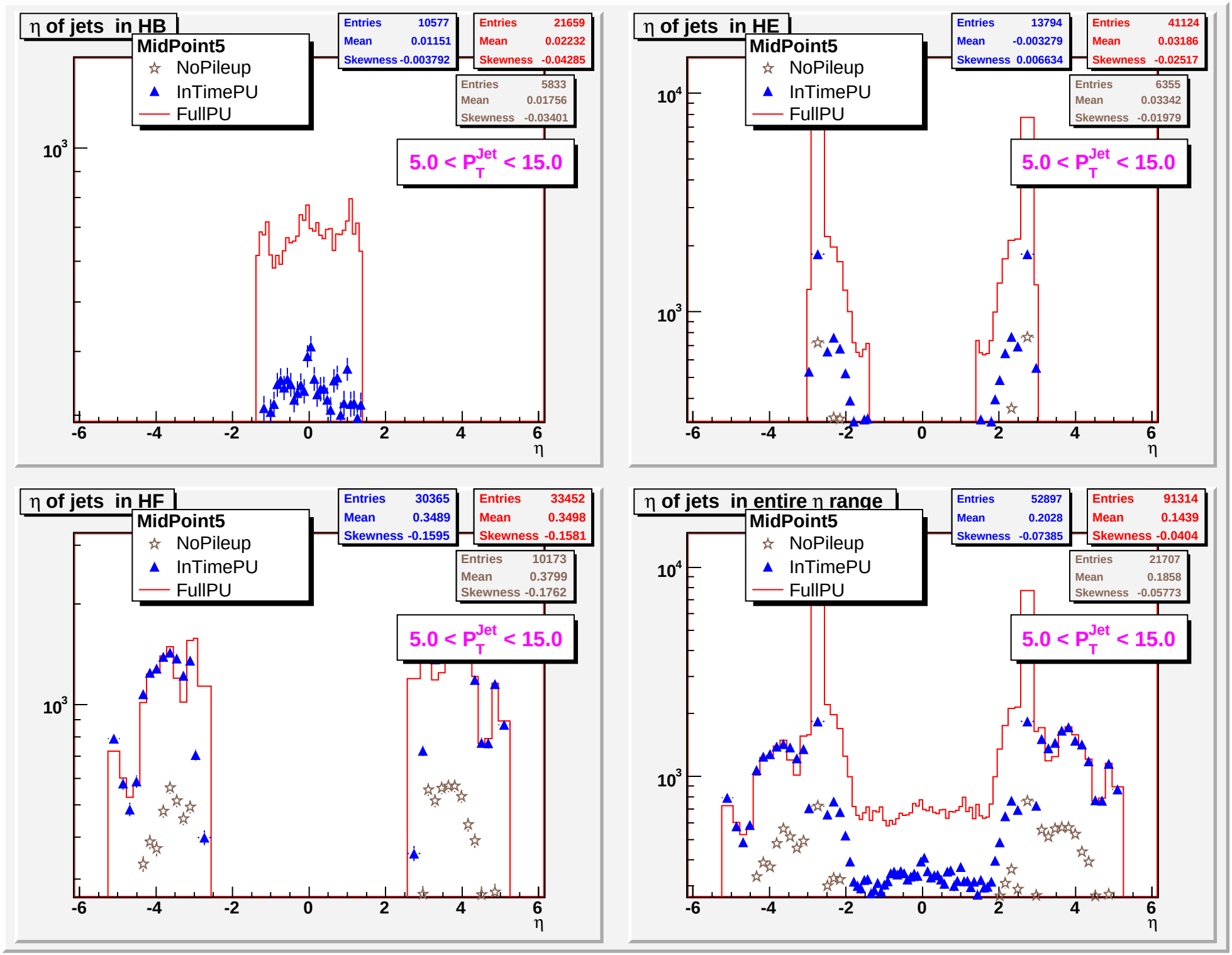

Δ R_max b/w jet & caloTower in HF
Entries 185076
Mean 0.1945
Skewness 0.9631
Entries 196218
Mean 0.2225
Skewness 0.8182
Entries 84761
Mean 0.1698
Skewness 1.072
0.1 < P_T^Jet < 5.0
SISCone5
NoPileup
InTimePU
FullPU
Δ R

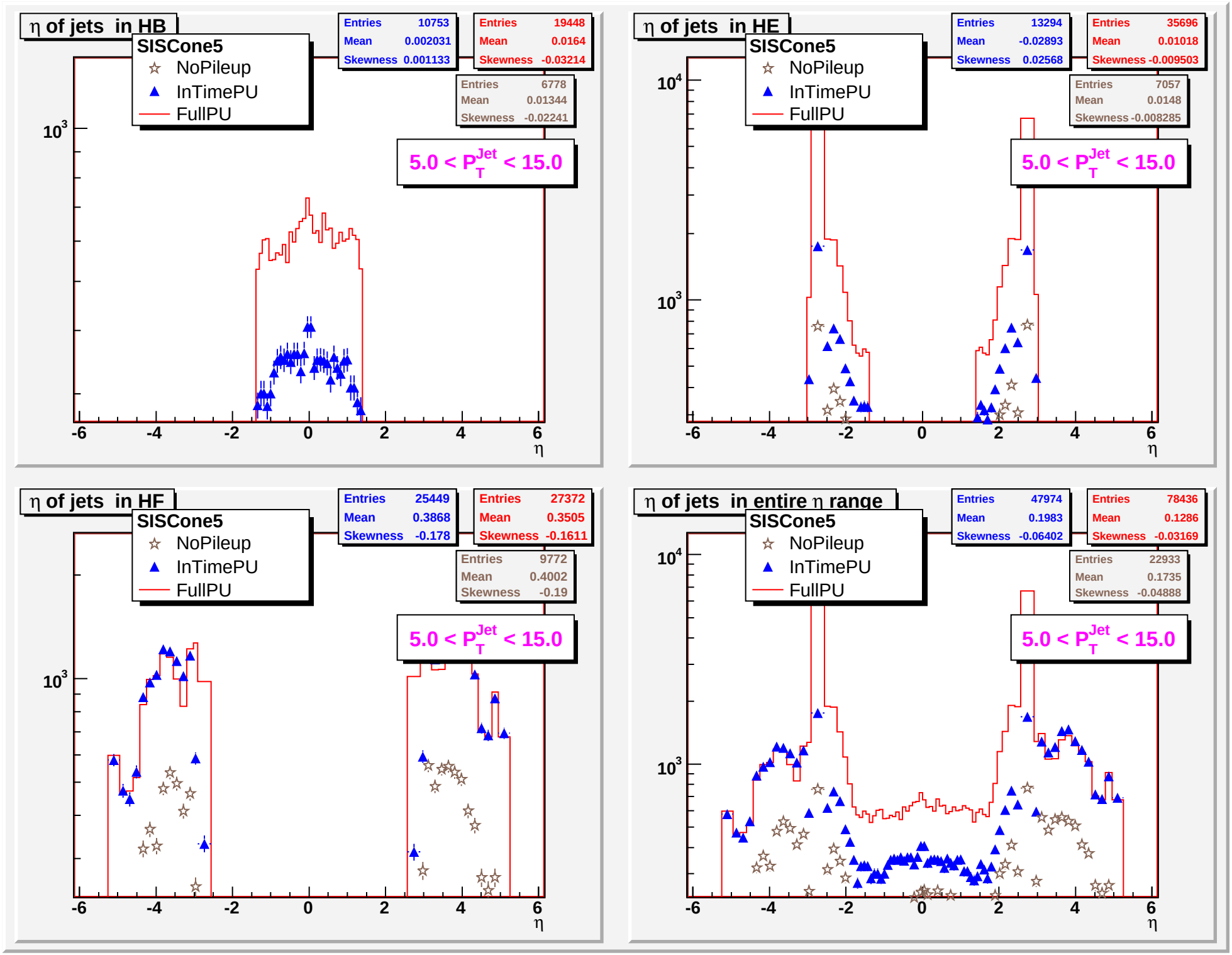

Σ P_T of all jets in HB
Entries 7000
Mean 12
Skewness 1.499
Entries 7000
Mean 24.59
Skewness 1.155
Entries 7000
Mean 6.838
Skewness 1.682
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 15.7
Skewness 1.683
Entries 7000
Mean 47.66
Skewness 0.9609
Entries 7000
Mean 7.363
Skewness 1.683
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 34.48
Skewness 1.383
Entries 7000
Mean 38.31
Skewness 1.377
Entries 7000
Mean 11.48
Skewness 1.4
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 60.07
Skewness 1.422
Entries 7000
Mean 104.5
Skewness 0.9811
Entries 7000
Mean 24.95
Skewness 1.175
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

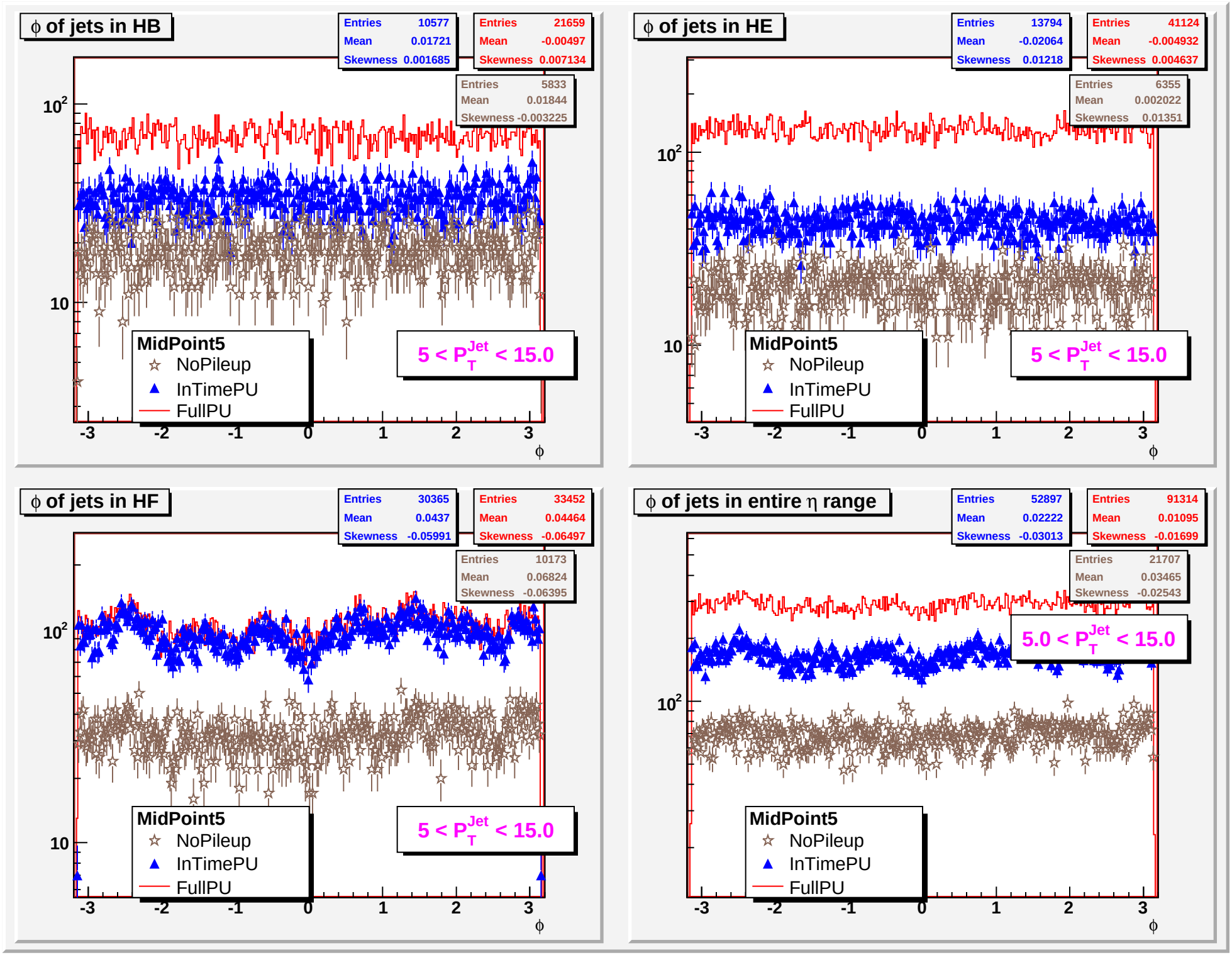

Σ P_T of all jets in HB
Entries 7000
Mean 12.02
Skewness 1.388
Entries 7000
Mean 21.41
Skewness 1.205
Entries 7000
Mean 7.822
Skewness 1.634
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 14.77
Skewness 1.643
Entries 7000
Mean 39.64
Skewness 1.217
Entries 7000
Mean 8.058
Skewness 1.538
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 28.14
Skewness 1.515
Entries 7000
Mean 30.34
Skewness 1.496
Entries 7000
Mean 10.93
Skewness 1.399
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 53.23
Skewness 1.432
Entries 7000
Mean 86.54
Skewness 1.135
Entries 7000
Mean 26.05
Skewness 1.138
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

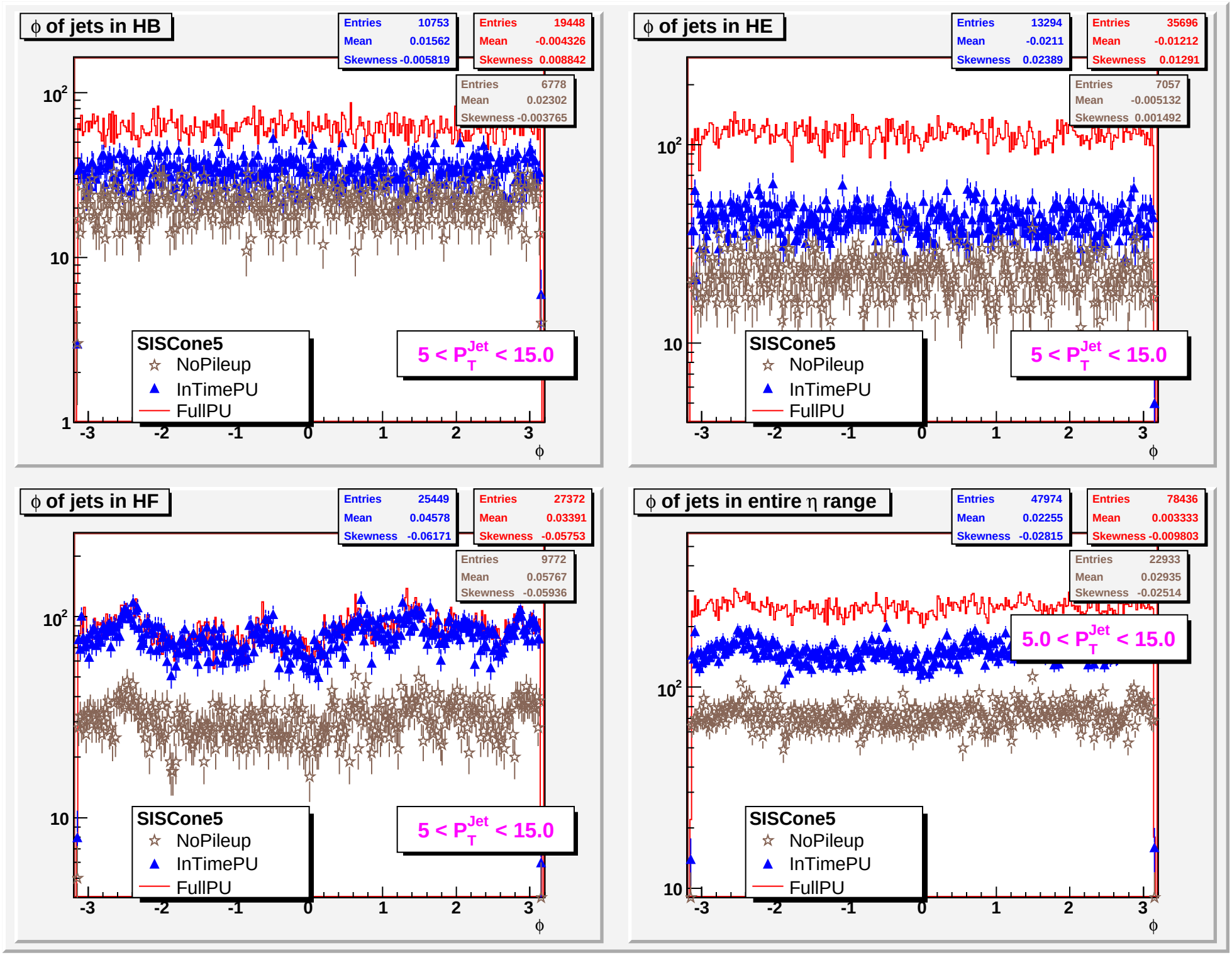

P_T of jets in HB
Entries 10577
Mean 7.941
Skewness 0.9315
Entries 21659
Mean 7.87
Skewness 0.8399
Entries 5833
Mean 8.206
Skewness 0.822
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HE
Entries 13794
Mean 7.968
Skewness 0.9101
Entries 41124
Mean 8.068
Skewness 0.7438
Entries 6355
Mean 8.11
Skewness 0.7823
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HF
Entries 30365
Mean 7.948
Skewness 0.8906
Entries 33452
Mean 7.957
Skewness 0.7931
Entries 10173
Mean 7.903
Skewness 0.9566
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in entire η range
Entries 52897
Mean 7.95
Skewness 0.9024
Entries 91314
Mean 7.978
Skewness 0.7859
Entries 21707
Mean 8.046
Skewness 0.871
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)

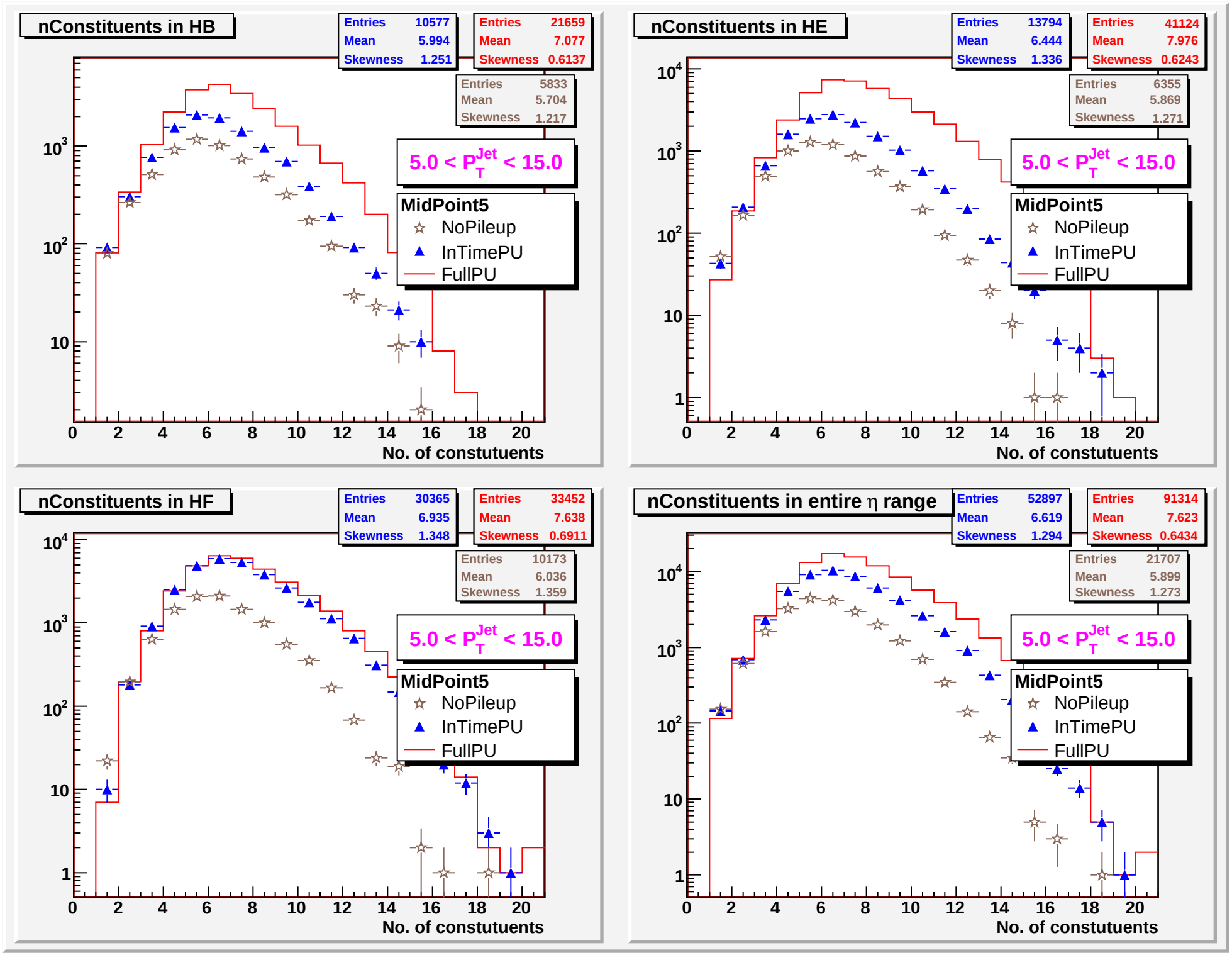

P_T of jets in HB
Entries 10753
Mean 7.825
Skewness 0.971
Entries 19448
Mean 7.61
Skewness 0.9761
Entries 6778
Mean 8.078
Skewness 0.8712
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HE
Entries 13294
Mean 7.779
Skewness 1.002
Entries 35696
Mean 7.708
Skewness 0.9056
Entries 7057
Mean 7.993
Skewness 0.853
P_T of jets in HF
Entries 25449
Mean 7.741
Skewness 0.9919
Entries 27372
Mean 7.676
Skewness 0.921
Entries 9772
Mean 7.826
Skewness 0.9825
P_T of jets in entire η range
Entries 47974
Mean 7.768
Skewness 0.9938
Entries 78436
Mean 7.674
Skewness 0.9272
Entries 22933
Mean 7.951
Skewness 0.9137

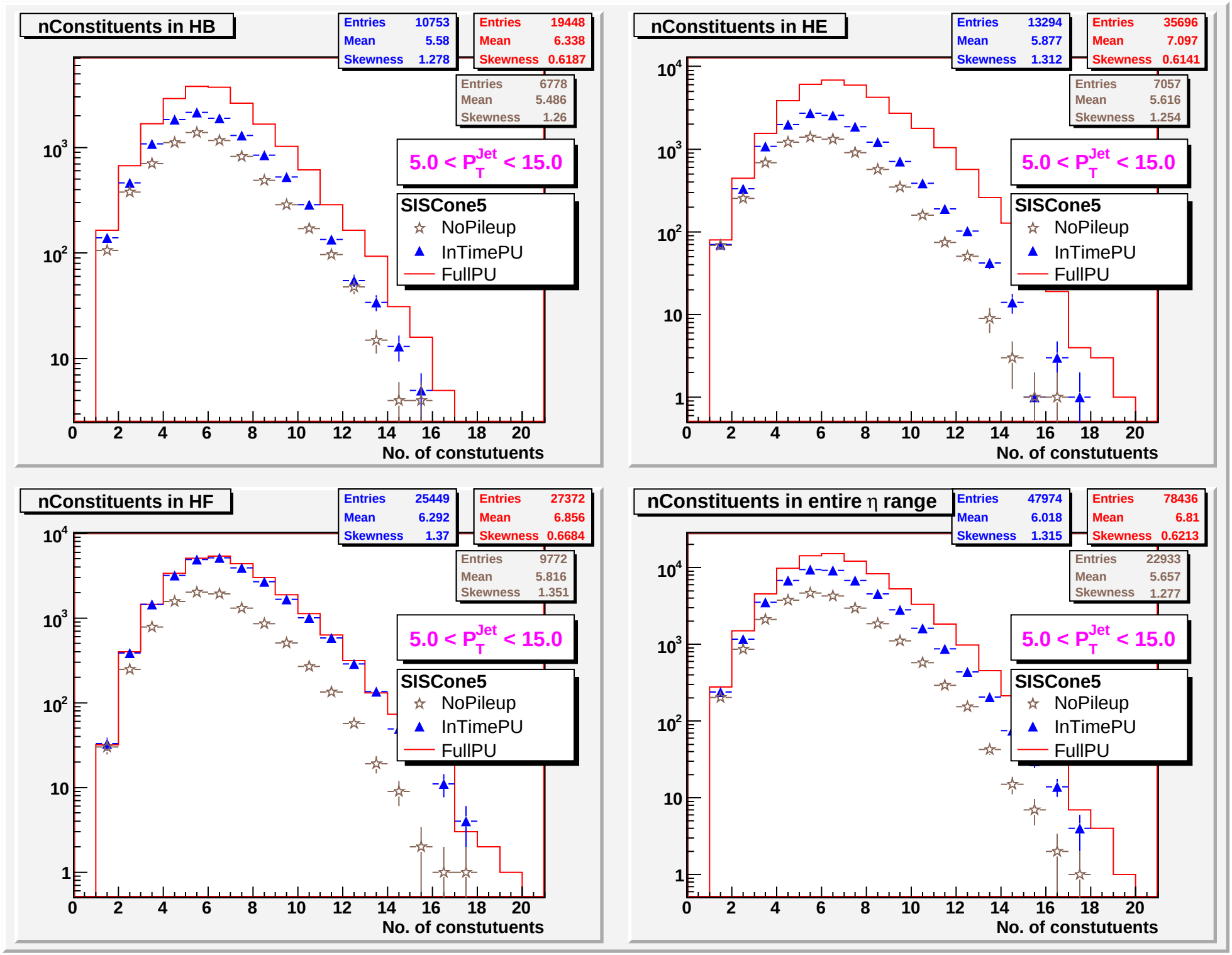

η of jets in HB
MidPoint5
NoPileup
InTimePU
FullPU
Entries 10577
Mean 0.01151
Skewness -0.003792
Entries 21659
Mean 0.02232
Skewness -0.04285
Entries 5833
Mean 0.01756
Skewness -0.03401
5.0 < P_T^Jet < 15.0
η of jets in HE
MidPoint5
NoPileup
InTimePU
FullPU
Entries 13794
Mean -0.003279
Skewness 0.006634
Entries 41124
Mean 0.03186
Skewness -0.02517
Entries 6355
Mean 0.03342
Skewness -0.01979
5.0 < P_T^Jet < 15.0
η of jets in HF
MidPoint5
NoPileup
InTimePU
FullPU
Entries 30365
Mean 0.3489
Skewness -0.1595
Entries 33452
Mean 0.3498
Skewness -0.1581
Entries 10173
Mean 0.3799
Skewness -0.1762
5.0 < P_T^Jet < 15.0
η of jets in entire η range
MidPoint5
NoPileup
InTimePU
FullPU
Entries 52897
Mean 0.2028
Skewness -0.07385
Entries 91314
Mean 0.1439
Skewness -0.0404
Entries 21707
Mean 0.1858
Skewness -0.05773
5.0 < P_T^Jet < 15.0
η

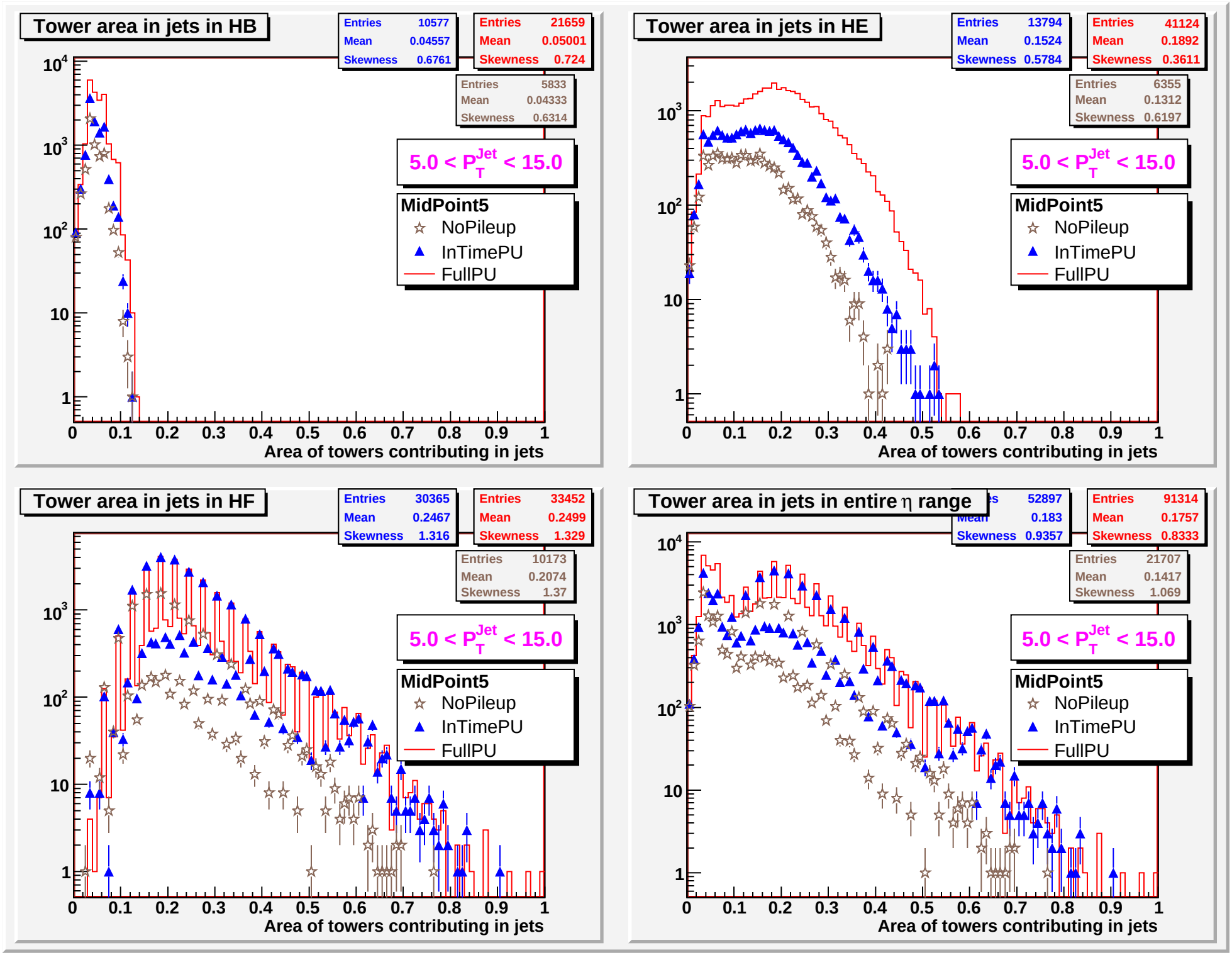

η of jets in HB
SISCone5
NoPileup
InTimePU
FullPU
Entries 10753
Mean 0.002031
Skewness 0.001133
Entries 19448
Mean 0.0164
Skewness -0.03214
Entries 6778
Mean 0.01344
Skewness -0.02241
5.0 < P_T^Jet < 15.0
η of jets in HE
Entries 13294
Mean -0.02893
Skewness 0.02568
Entries 35696
Mean 0.01018
Skewness -0.009503
Entries 7057
Mean 0.0148
Skewness -0.008285
η of jets in HF
Entries 25449
Mean 0.3868
Skewness -0.178
Entries 27372
Mean 0.3505
Skewness -0.1611
Entries 9772
Mean 0.4002
Skewness -0.19
η of jets in entire η range
Entries 47974
Mean 0.1983
Skewness -0.06402
Entries 78436
Mean 0.1286
Skewness -0.03169
Entries 22933
Mean 0.1735
Skewness -0.04888
η

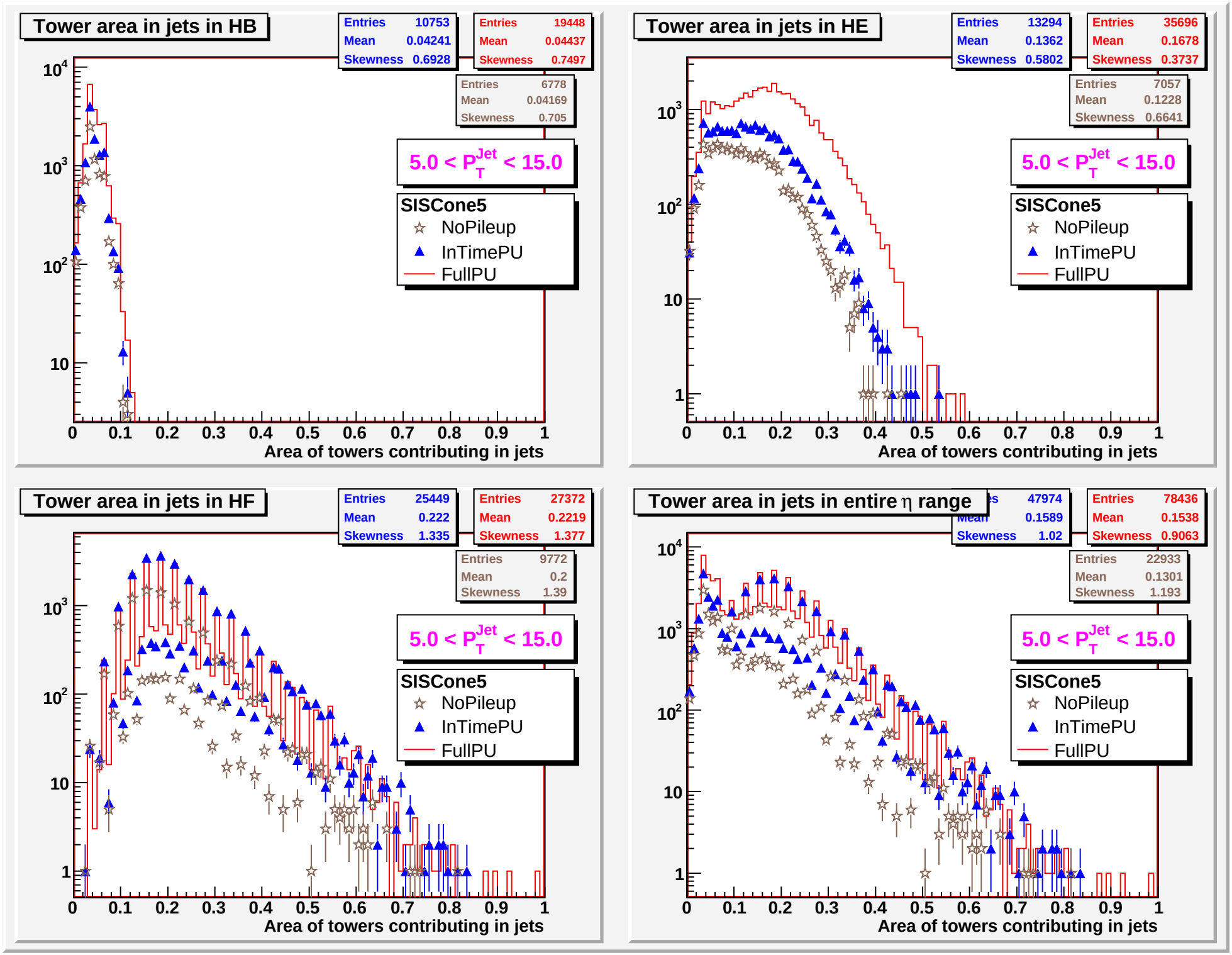

ϕ of jets in HB
Entries 10577
Mean 0.01721
Skewness 0.001685
Entries 21659
Mean -0.00497
Skewness 0.007134
Entries 5833
Mean 0.01844
Skewness -0.003225
MidPoint5
NoPileup
InTimePU
FullPU
5 < P_T^Jet < 15.0
ϕ of jets in HE
Entries 13794
Mean -0.02064
Skewness 0.01218
Entries 41124
Mean -0.004932
Skewness 0.004637
Entries 6355
Mean 0.002022
Skewness 0.01351
MidPoint5
NoPileup
InTimePU
FullPU
5 < P_T^Jet < 15.0
ϕ of jets in HF
Entries 30365
Mean 0.0437
Skewness -0.05991
Entries 33452
Mean 0.04464
Skewness -0.06497
Entries 10173
Mean 0.06824
Skewness -0.06395
MidPoint5
NoPileup
InTimePU
FullPU
5 < P_T^Jet < 15.0
ϕ of jets in entire η range
Entries 52897
Mean 0.02222
Skewness -0.03013
Entries 91314
Mean 0.01095
Skewness -0.01699
Entries 21707
Mean 0.03465
Skewness -0.02543
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
ϕ

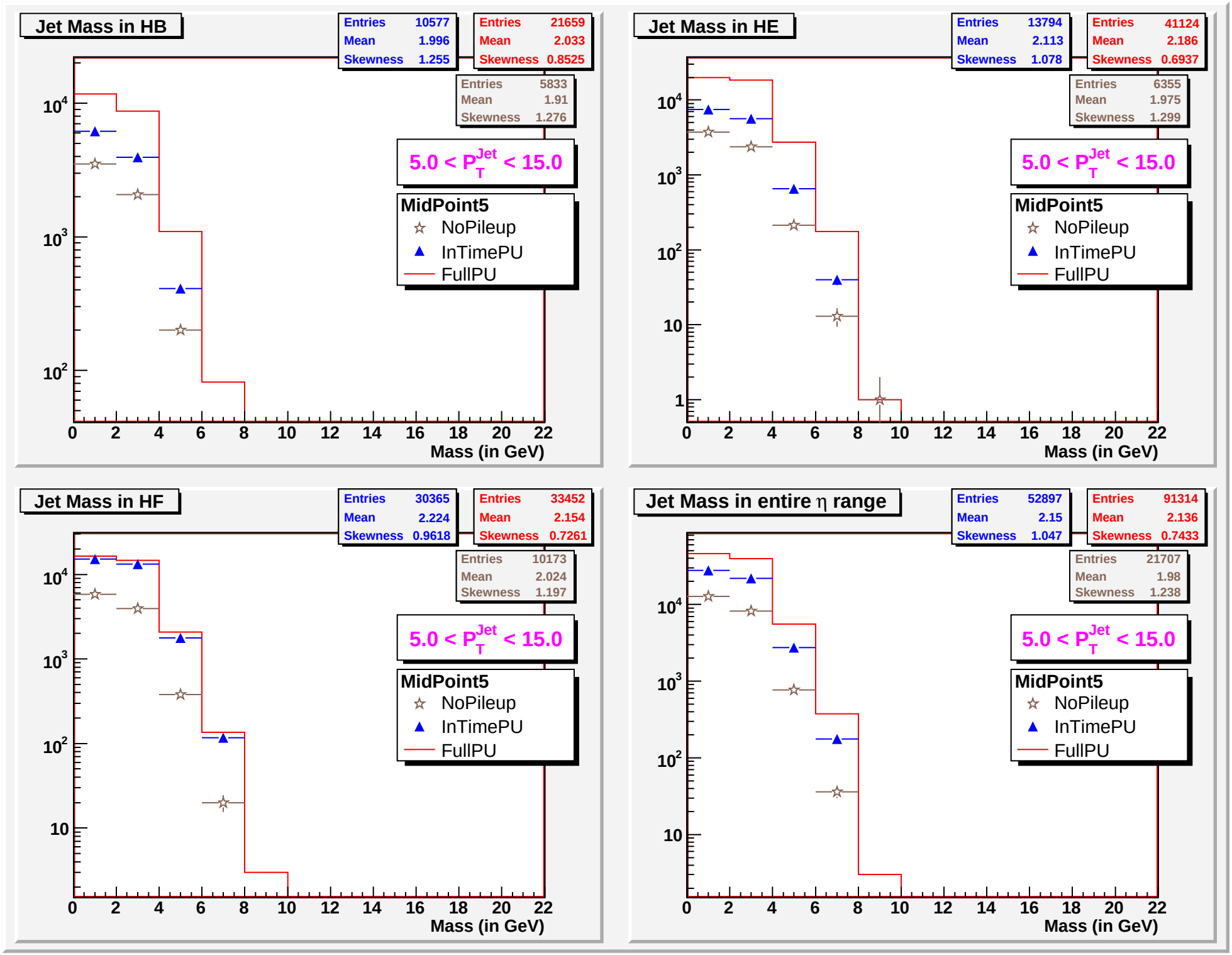

ϕ of jets in HB
Entries 10753
Mean 0.01562
Skewness -0.005819
Entries 19448
Mean -0.004326
Skewness 0.008842
Entries 6778
Mean 0.02302
Skewness -0.003765
SISCone5
NoPileup
InTimePU
FullPU
5 < P_T^Jet < 15.0
ϕ of jets in HE
Entries 13294
Mean -0.0211
Skewness 0.02389
Entries 35696
Mean -0.01212
Skewness 0.01291
Entries 7057
Mean -0.005132
Skewness 0.001492
SISCone5
NoPileup
InTimePU
FullPU
5 < P_T^Jet < 15.0
ϕ of jets in HF
Entries 25449
Mean 0.04578
Skewness -0.06171
Entries 27372
Mean 0.03391
Skewness -0.05753
Entries 9772
Mean 0.05767
Skewness -0.05936
SISCone5
NoPileup
InTimePU
FullPU
5 < P_T^Jet < 15.0
ϕ of jets in entire η range
Entries 47974
Mean 0.02255
Skewness -0.02815
Entries 78436
Mean 0.003333
Skewness -0.009803
Entries 22933
Mean 0.02935
Skewness -0.02514
SISCone5
NoPileup
InTimePU
FullPU
5.0 < P_T^Jet < 15.0
ϕ

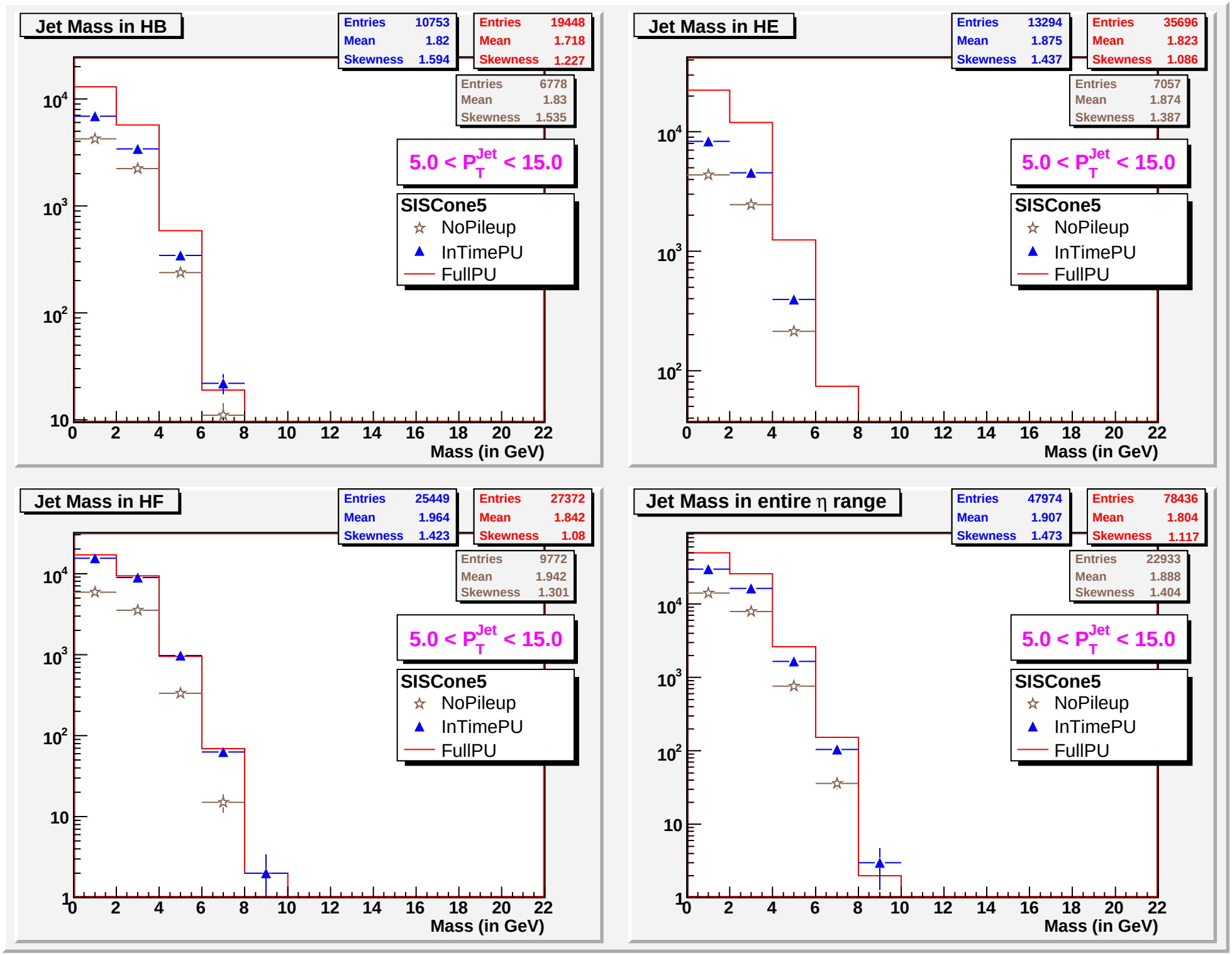

nConstituents in HB
Entries 10577
Mean 5.994
Skewness 1.251
Entries 21659
Mean 7.077
Skewness 0.6137
Entries 5833
Mean 5.704
Skewness 1.217
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 13794
Mean 6.444
Skewness 1.336
Entries 41124
Mean 7.976
Skewness 0.6243
Entries 6355
Mean 5.869
Skewness 1.271
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 30365
Mean 6.935
Skewness 1.348
Entries 33452
Mean 7.638
Skewness 0.6911
Entries 10173
Mean 6.036
Skewness 1.359
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 52897
Mean 6.619
Skewness 1.294
Entries 91314
Mean 7.623
Skewness 0.6434
Entries 21707
Mean 5.899
Skewness 1.273
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents

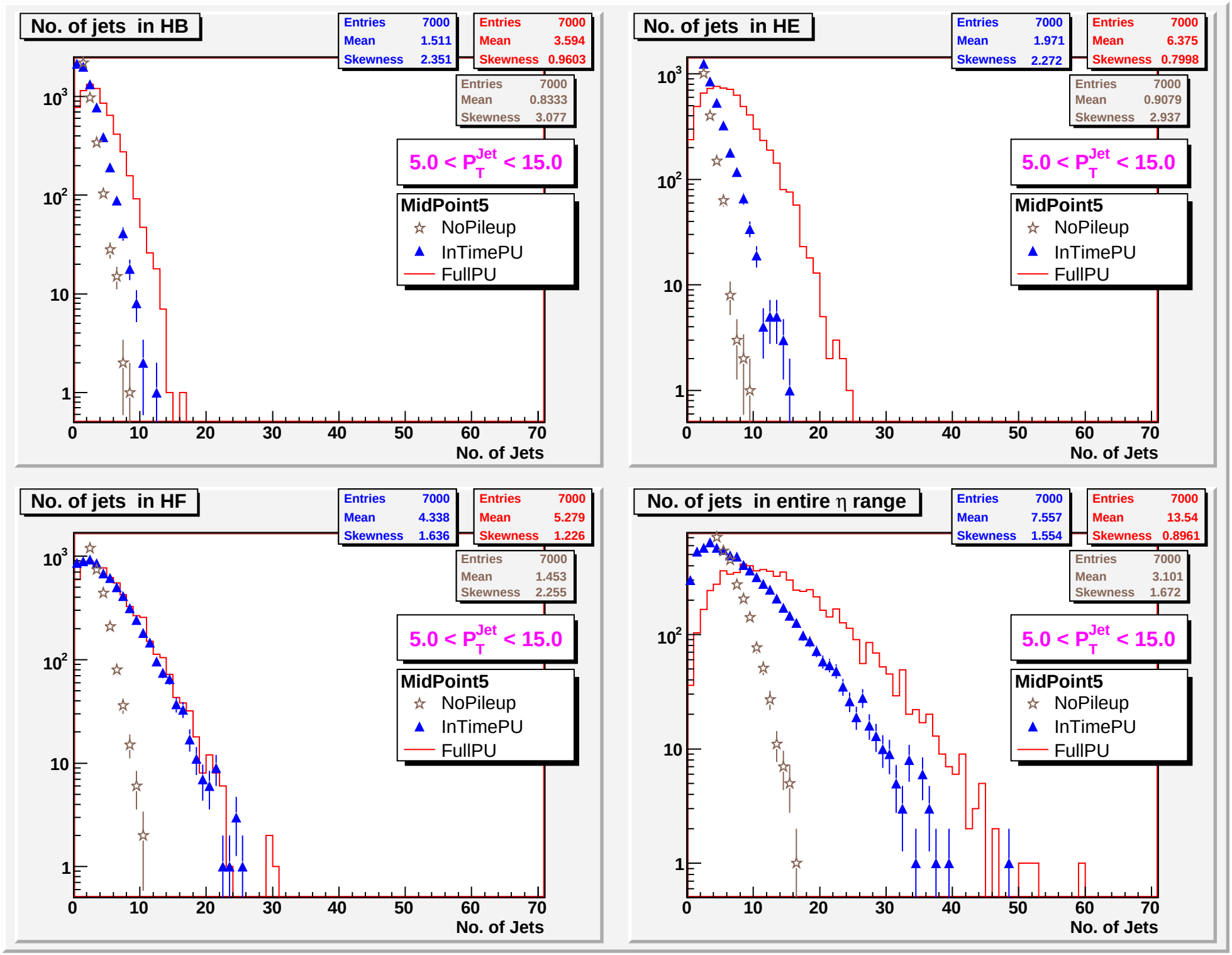

nConstituents in HB
Entries 10753
Mean 5.58
Skewness 1.278
Entries 19448
Mean 6.338
Skewness 0.6187
Entries 6778
Mean 5.486
Skewness 1.26
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 13294
Mean 5.877
Skewness 1.312
Entries 35696
Mean 7.097
Skewness 0.6141
Entries 7057
Mean 5.616
Skewness 1.254
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 25449
Mean 6.292
Skewness 1.37
Entries 27372
Mean 6.856
Skewness 0.6684
Entries 9772
Mean 5.816
Skewness 1.351
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 47974
Mean 6.018
Skewness 1.315
Entries 78436
Mean 6.81
Skewness 0.6213
Entries 22933
Mean 5.657
Skewness 1.277
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents

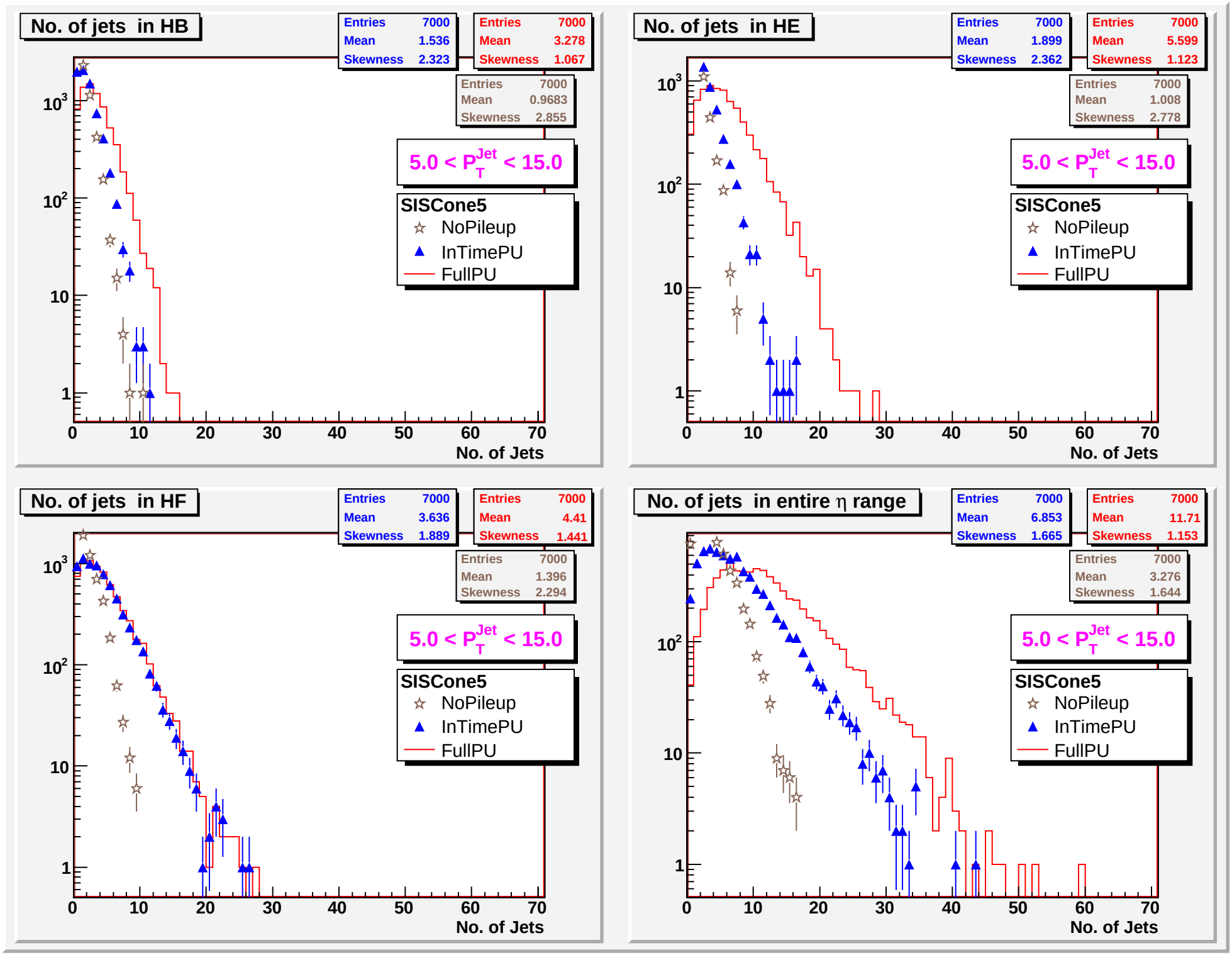

Tower area in jets in HB
Entries 10577
Mean 0.04557
Skewness 0.6761
Entries 21659
Mean 0.05001
Skewness 0.724
Entries 5833
Mean 0.04333
Skewness 0.6314
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 13794
Mean 0.1524
Skewness 0.5784
Entries 41124
Mean 0.1892
Skewness 0.3611
Entries 6355
Mean 0.1312
Skewness 0.6197
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 30365
Mean 0.2467
Skewness 1.316
Entries 33452
Mean 0.2499
Skewness 1.329
Entries 10173
Mean 0.2074
Skewness 1.37
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
52897
0.183
Skewness 0.9357
Entries 91314
Mean 0.1757
Skewness 0.8333
Entries 21707
Mean 0.1417
Skewness 1.069
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

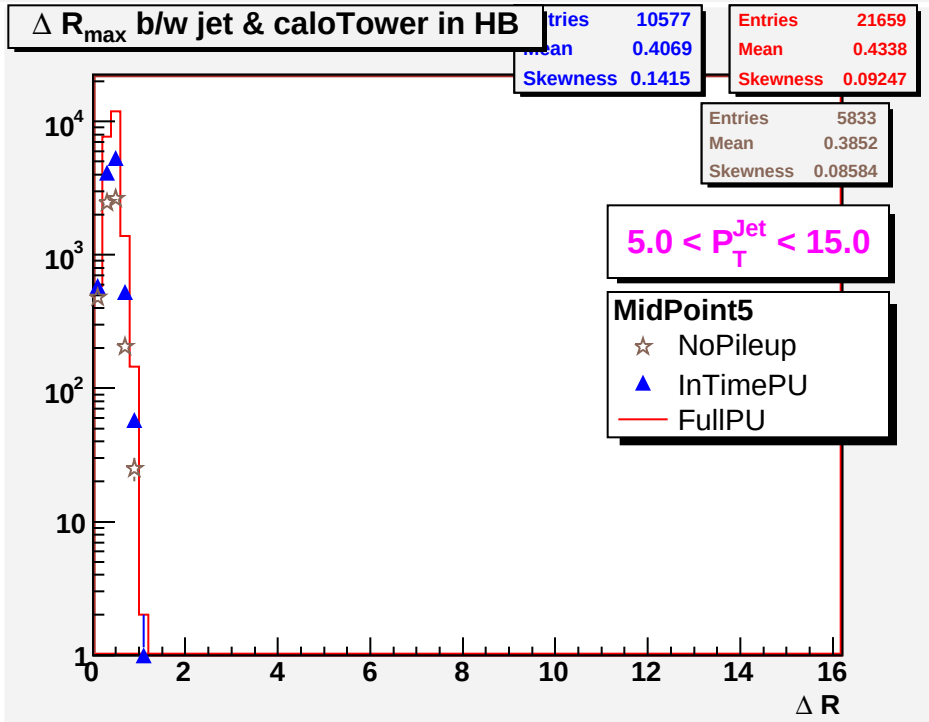

Tower area in jets in HB
Entries 10753
Mean 0.04241
Skewness 0.6928
Entries 19448
Mean 0.04437
Skewness 0.7497
Entries 6778
Mean 0.04169
Skewness 0.705
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 13294
Mean 0.1362
Skewness 0.5802
Entries 35696
Mean 0.1678
Skewness 0.3737
Entries 7057
Mean 0.1228
Skewness 0.6641
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 25449
Mean 0.222
Skewness 1.335
Entries 27372
Mean 0.2219
Skewness 1.377
Entries 9772
Mean 0.2
Skewness 1.39
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
47974
0.1589
Skewness 1.02
Entries 78436
Mean 0.1538
Skewness 0.9063
Entries 22933
Mean 0.1301
Skewness 1.193
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

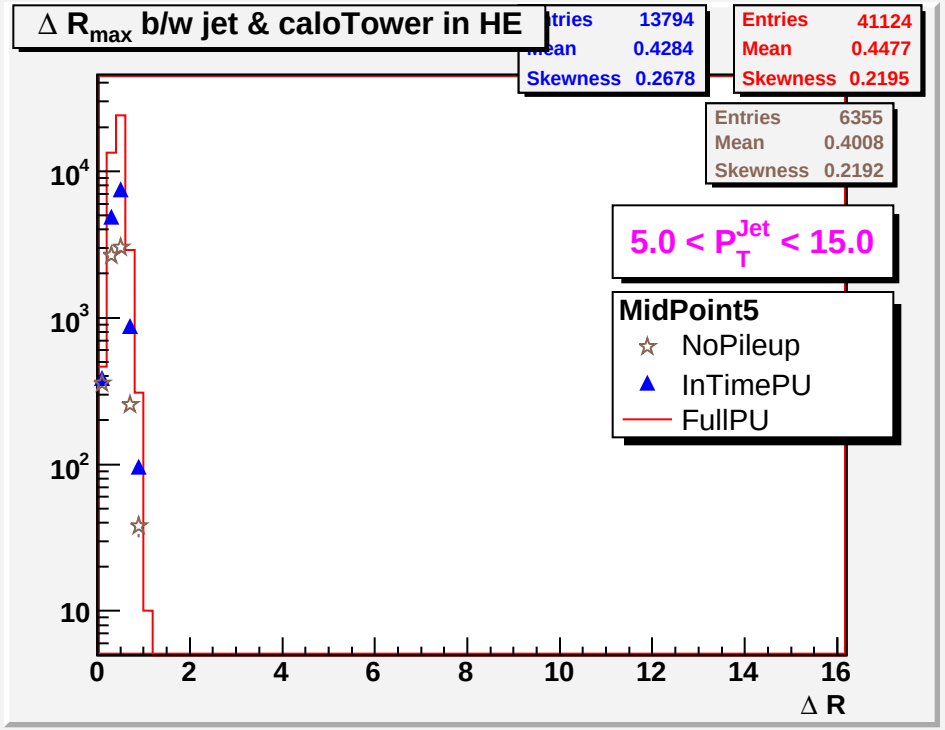

Jet Mass in HB
Entries 10577
Mean 1.996
Skewness 1.255
Entries 21659
Mean 2.033
Skewness 0.8525
Entries 5833
Mean 1.91
Skewness 1.276
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 13794
Mean 2.113
Skewness 1.078
Entries 41124
Mean 2.186
Skewness 0.6937
Entries 6355
Mean 1.975
Skewness 1.299
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 30365
Mean 2.224
Skewness 0.9618
Entries 33452
Mean 2.154
Skewness 0.7261
Entries 10173
Mean 2.024
Skewness 1.197
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 52897
Mean 2.15
Skewness 1.047
Entries 91314
Mean 2.136
Skewness 0.7433
Entries 21707
Mean 1.98
Skewness 1.238
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)

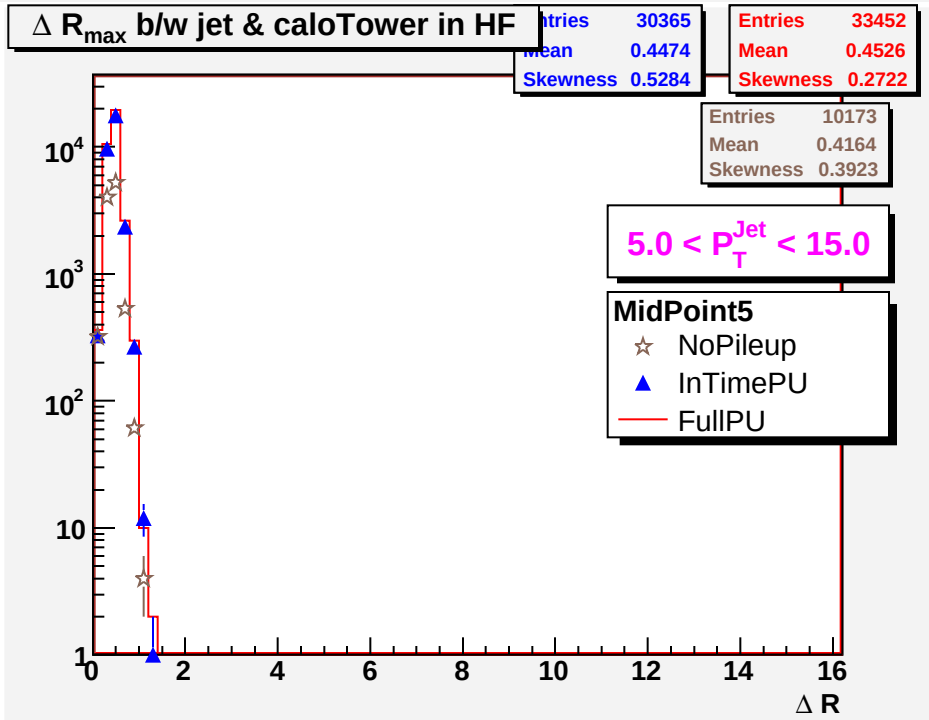

Jet Mass in HB
Entries 10753
Mean 1.82
Skewness 1.594
Entries 19448
Mean 1.718
Skewness 1.227
Entries 6778
Mean 1.83
Skewness 1.535
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 13294
Mean 1.875
Skewness 1.437
Entries 35696
Mean 1.823
Skewness 1.086
Entries 7057
Mean 1.874
Skewness 1.387
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 25449
Mean 1.964
Skewness 1.423
Entries 27372
Mean 1.842
Skewness 1.08
Entries 9772
Mean 1.942
Skewness 1.301
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 47974
Mean 1.907
Skewness 1.473
Entries 78436
Mean 1.804
Skewness 1.117
Entries 22933
Mean 1.888
Skewness 1.404
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)

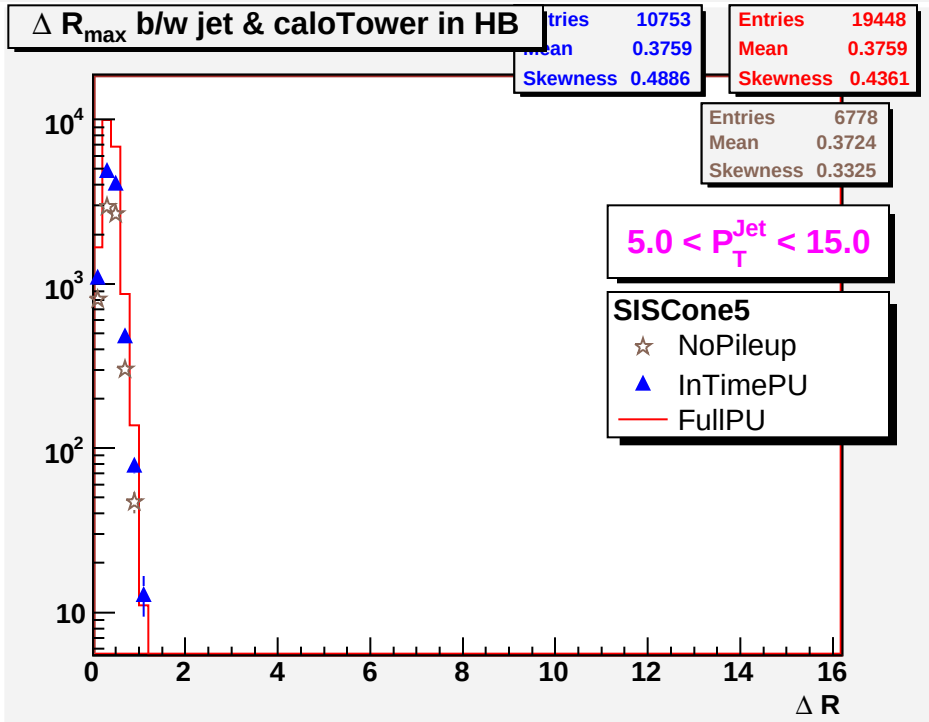

No. of jets in HB
Entries 7000
Mean 1.511
Skewness 2.351
Entries 7000
Mean 3.594
Skewness 0.9603
Entries 7000
Mean 0.8333
Skewness 3.077
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 1.971
Skewness 2.272
Entries 7000
Mean 6.375
Skewness 0.7998
Entries 7000
Mean 0.9079
Skewness 2.937
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 4.338
Skewness 1.636
Entries 7000
Mean 5.279
Skewness 1.226
Entries 7000
Mean 1.453
Skewness 2.255
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 7.557
Skewness 1.554
Entries 7000
Mean 13.54
Skewness 0.8961
Entries 7000
Mean 3.101
Skewness 1.672
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets

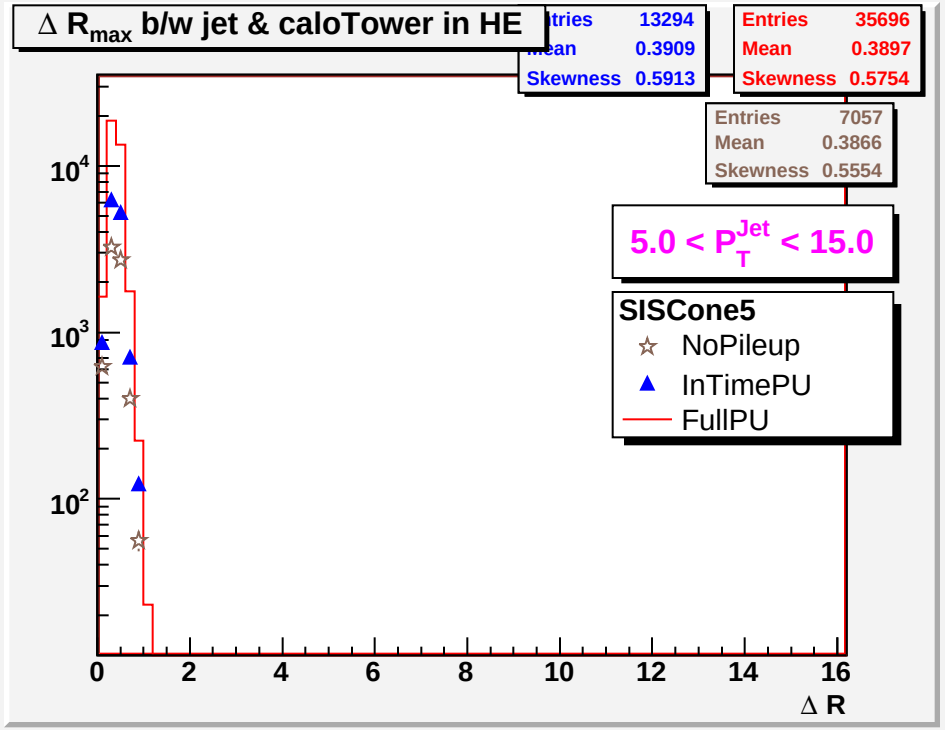

No. of jets in HB
Entries 7000
Mean 1.536
Skewness 2.323
Entries 7000
Mean 3.278
Skewness 1.067
Entries 7000
Mean 0.9683
Skewness 2.855
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 1.899
Skewness 2.362
Entries 7000
Mean 5.599
Skewness 1.123
Entries 7000
Mean 1.008
Skewness 2.778
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 3.636
Skewness 1.889
Entries 7000
Mean 4.41
Skewness 1.441
Entries 7000
Mean 1.396
Skewness 2.294
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 6.853
Skewness 1.665
Entries 7000
Mean 11.71
Skewness 1.153
Entries 7000
Mean 3.276
Skewness 1.644
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets

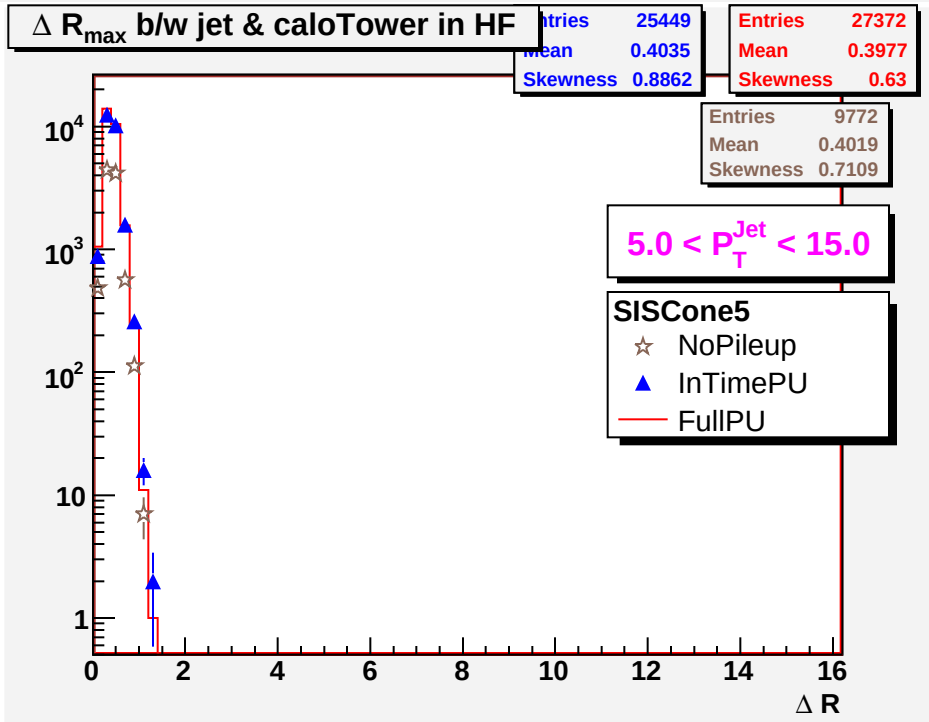

Δ R_max b/w jet & caloTower in HB
Entries 10577
Mean 0.4069
Skewness 0.1415
Entries 21659
Mean 0.4338
Skewness 0.09247
Entries 5833
Mean 0.3852
Skewness 0.08584
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

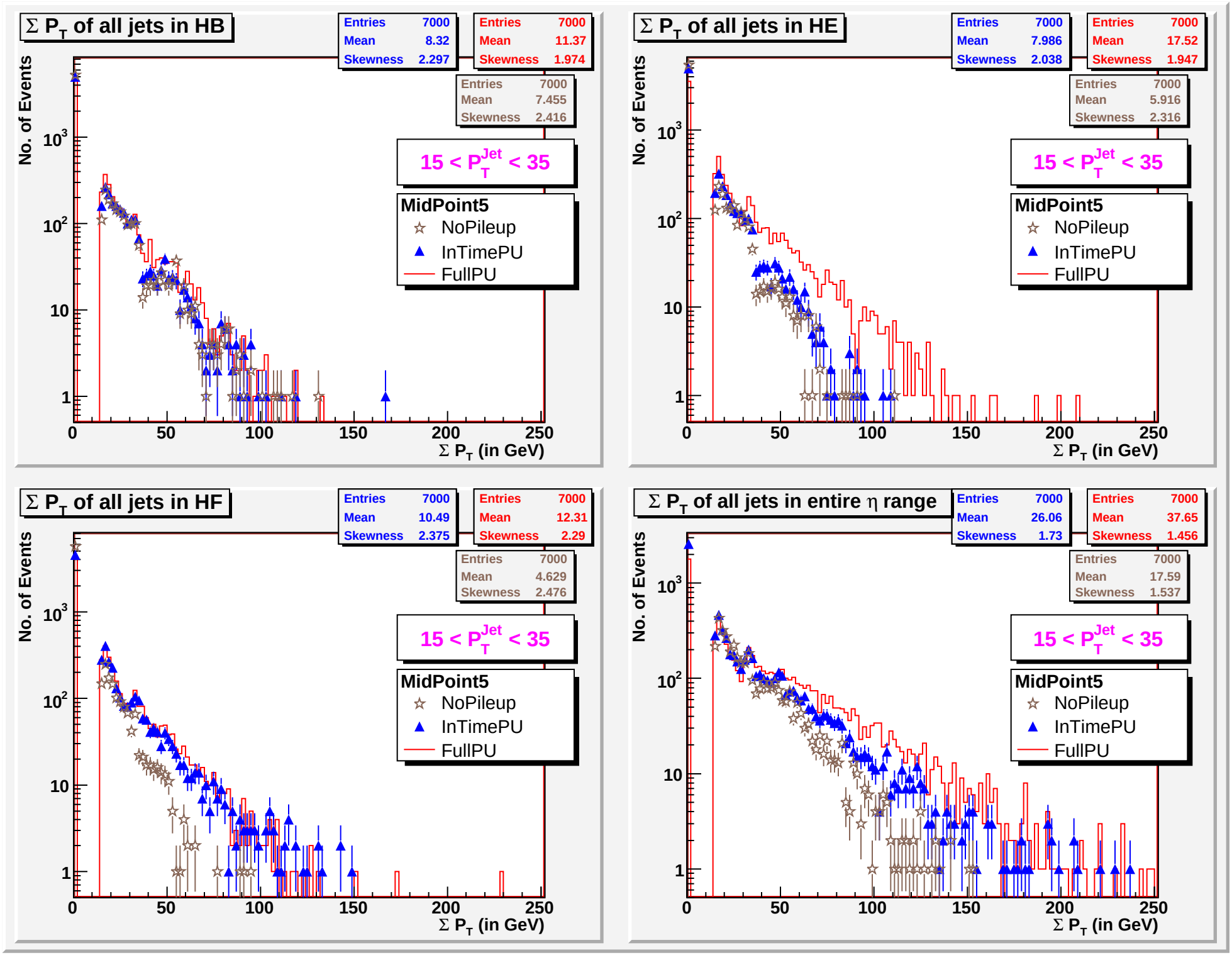

Δ R_max b/w jet & caloTower in HE
Entries 13794
Mean 0.4284
Skewness 0.2678
Entries 41124
Mean 0.4477
Skewness 0.2195
Entries 6355
Mean 0.4008
Skewness 0.2192
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

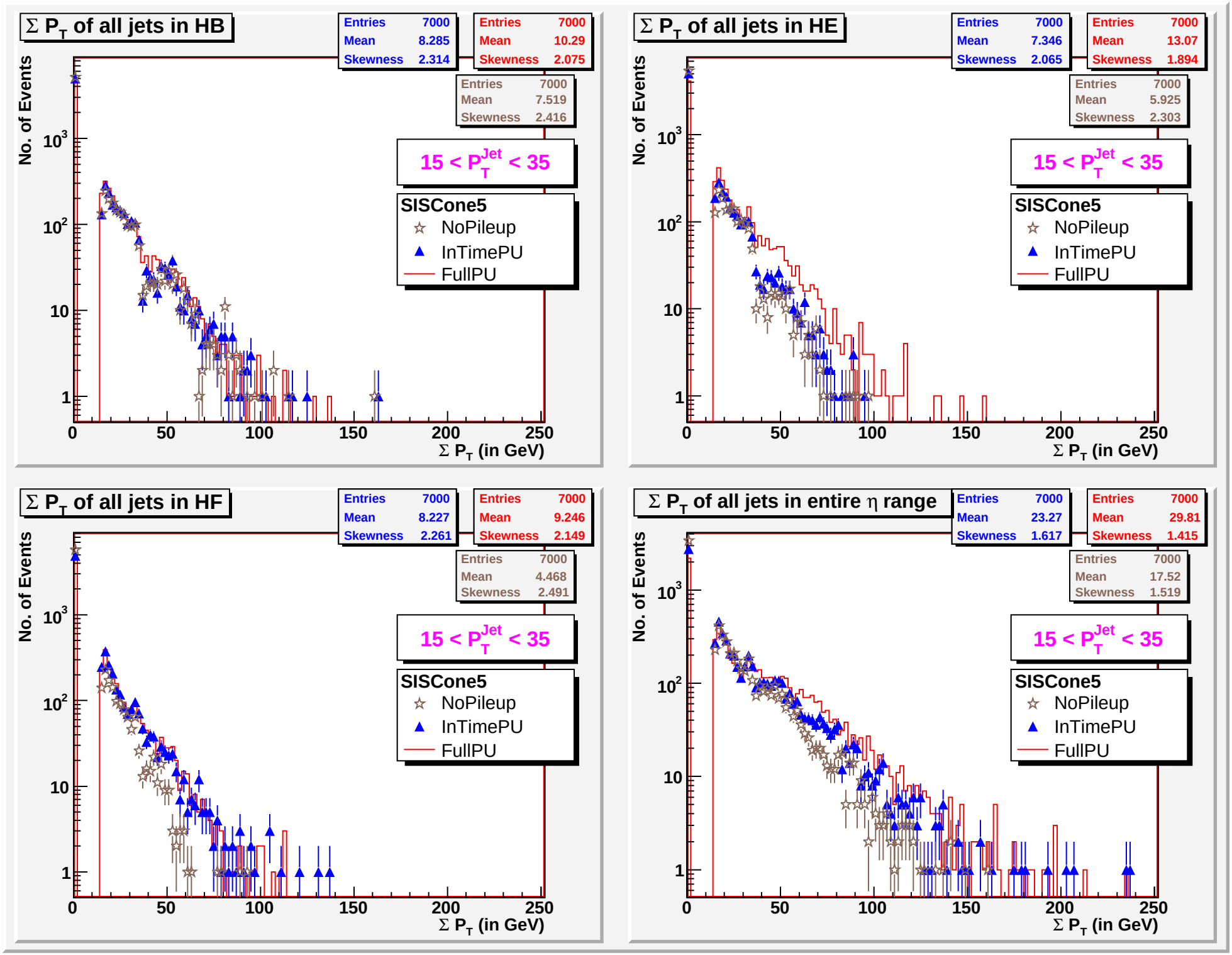

Δ R_max b/w jet & caloTower in HF
Entries 30365
Mean 0.4474
Skewness 0.5284
Entries 33452
Mean 0.4526
Skewness 0.2722
Entries 10173
Mean 0.4164
Skewness 0.3923
5.0 < P_T^Jet < 15.0
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

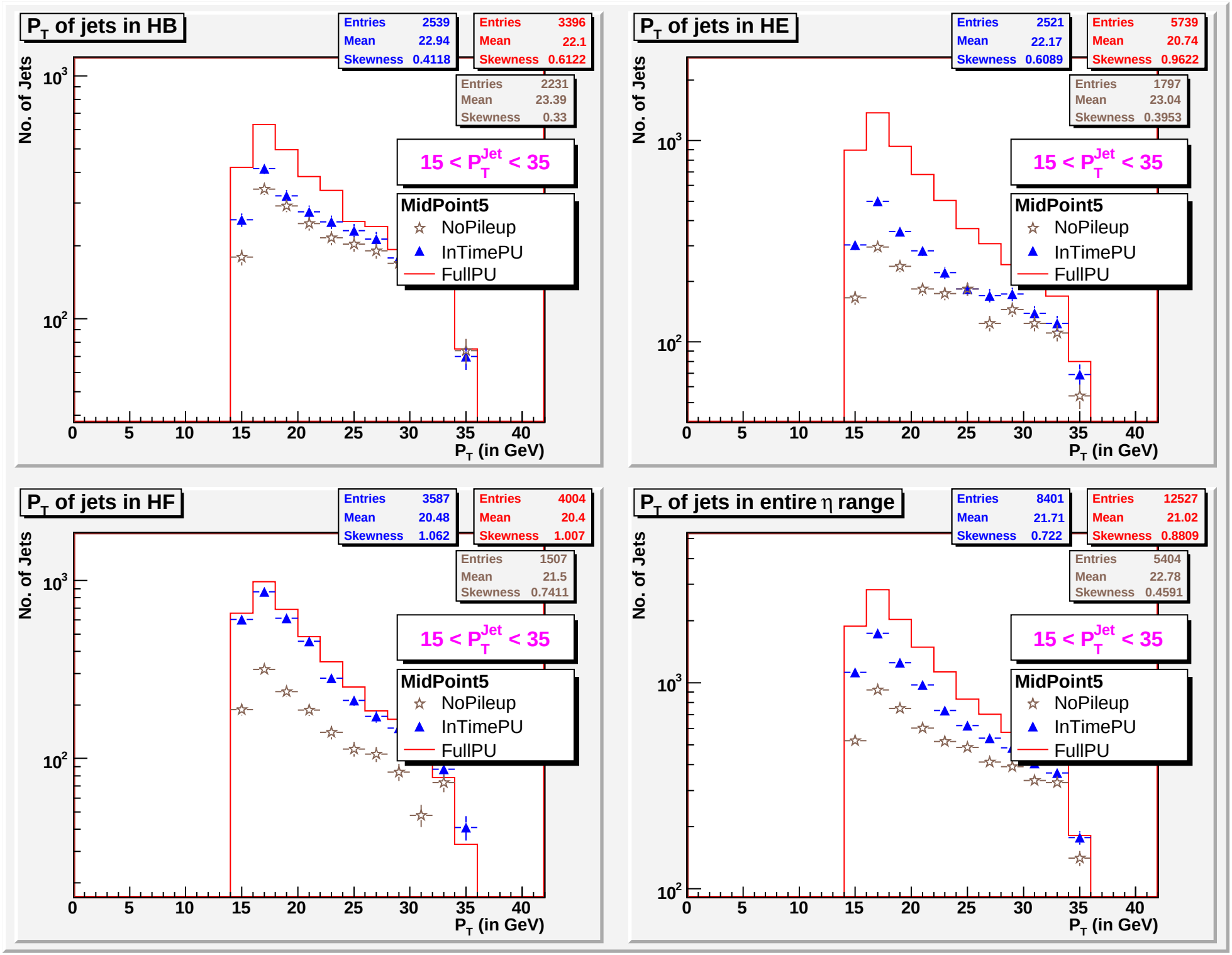

Δ R_max b/w jet & caloTower in HB
Entries 10753
Mean 0.3759
Skewness 0.4886
Entries 19448
Mean 0.3759
Skewness 0.4361
Entries 6778
Mean 0.3724
Skewness 0.3325
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Δ R

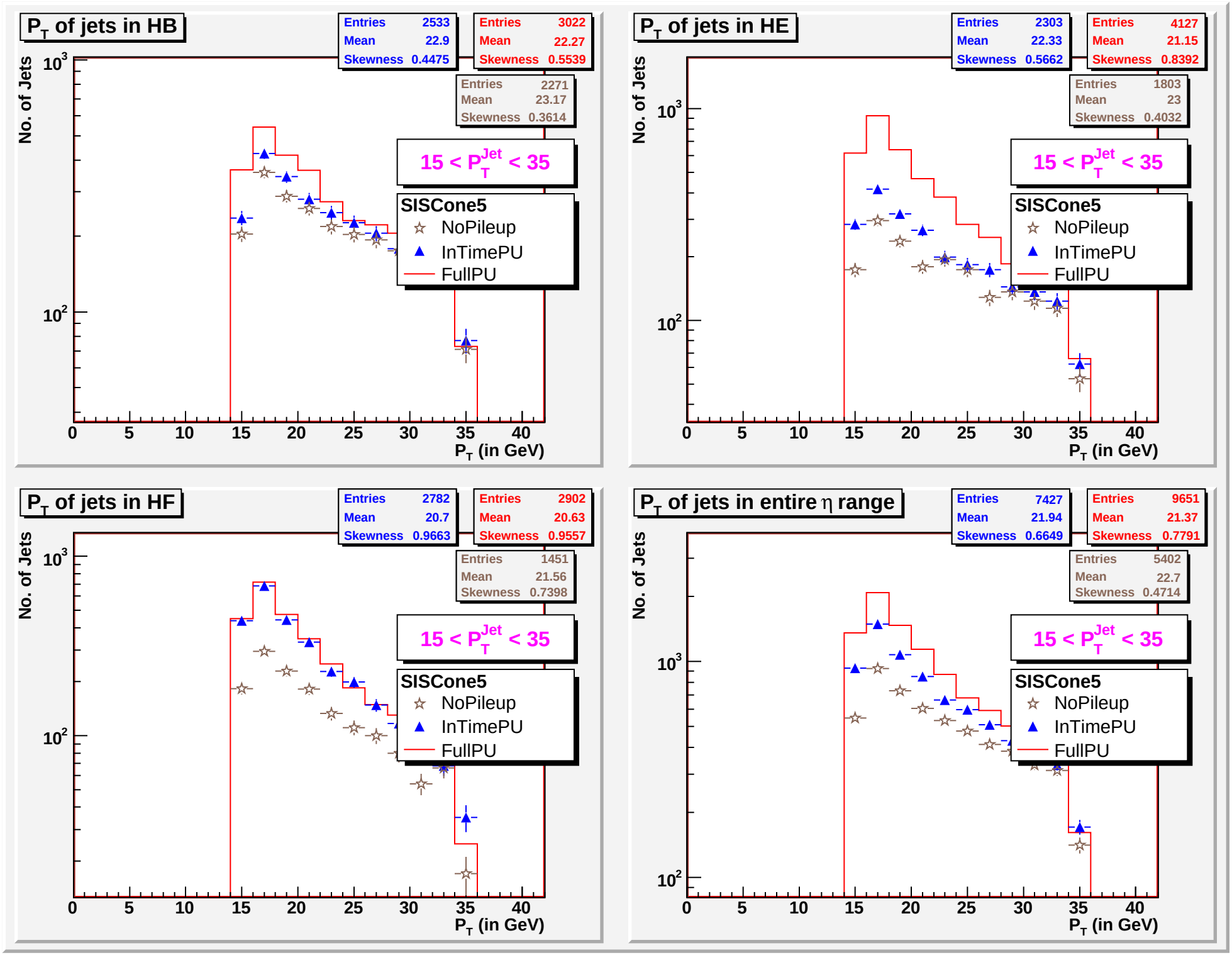

Δ R_max b/w jet & caloTower in HE
Entries 13294
Mean 0.3909
Skewness 0.5913
Entries 35696
Mean 0.3897
Skewness 0.5754
Entries 7057
Mean 0.3866
Skewness 0.5554
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Δ R

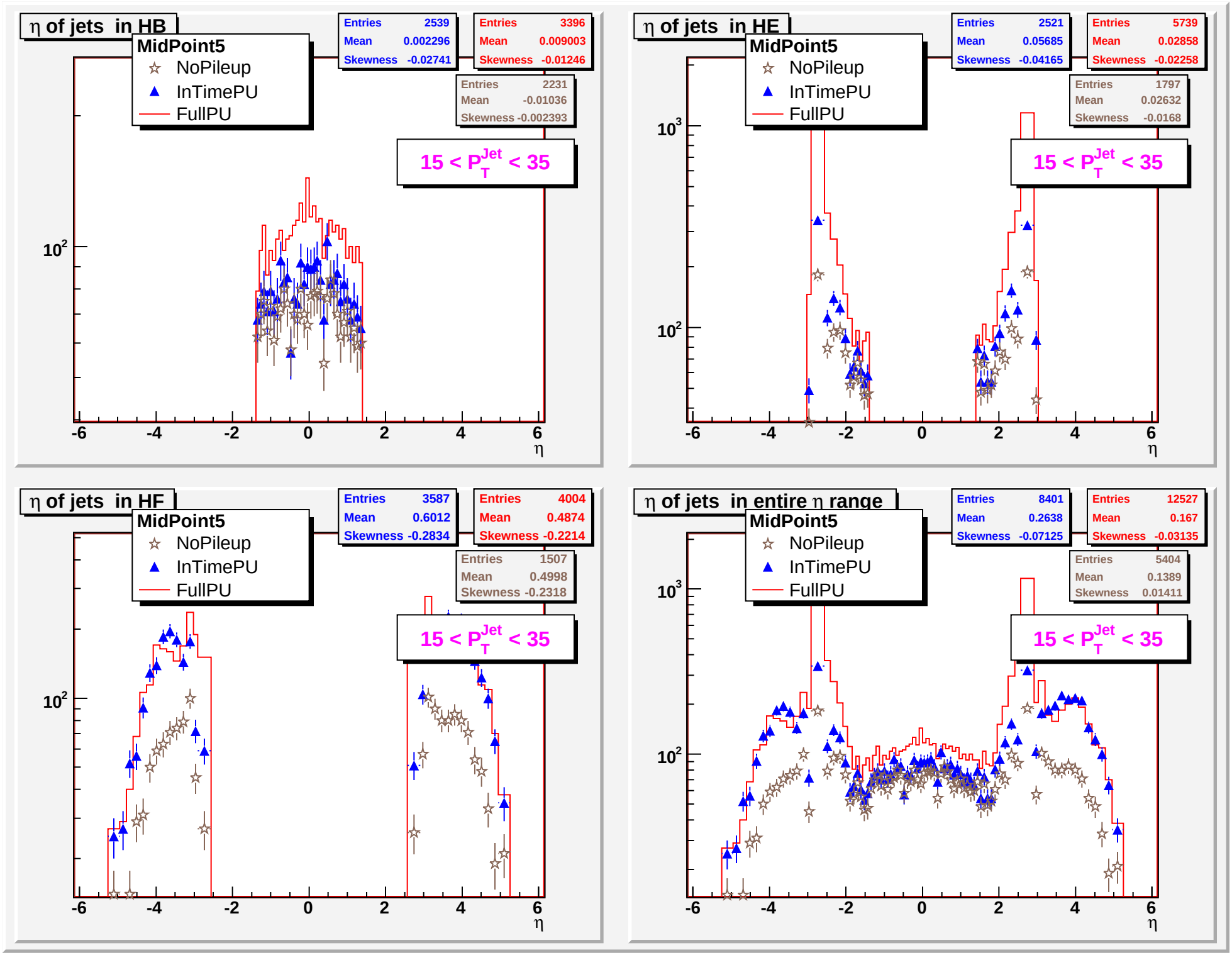

Δ R_max b/w jet & caloTower in HF
Entries 25449
Mean 0.4035
Skewness 0.8862
Entries 27372
Mean 0.3977
Skewness 0.63
Entries 9772
Mean 0.4019
Skewness 0.7109
5.0 < P_T^Jet < 15.0
SISCone5
NoPileup
InTimePU
FullPU
Δ R

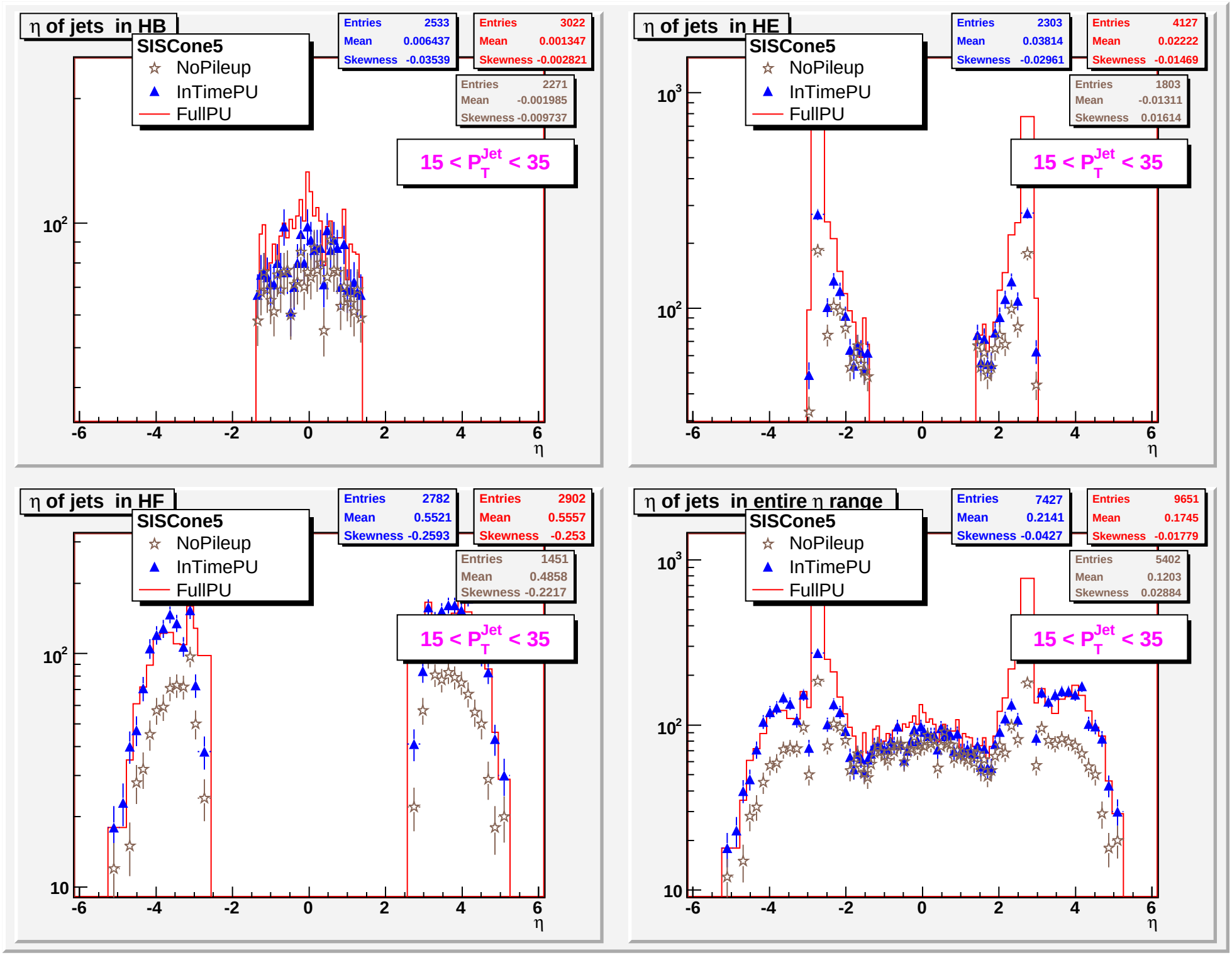

Σ P_T of all jets in HB
Entries 7000
Mean 8.32
Skewness 2.297
Entries 7000
Mean 11.37
Skewness 1.974
Entries 7000
Mean 7.455
Skewness 2.416
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 7.986
Skewness 2.038
Entries 7000
Mean 17.52
Skewness 1.947
Entries 7000
Mean 5.916
Skewness 2.316
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 10.49
Skewness 2.375
Entries 7000
Mean 12.31
Skewness 2.29
Entries 7000
Mean 4.629
Skewness 2.476
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 26.06
Skewness 1.73
Entries 7000
Mean 37.65
Skewness 1.456
Entries 7000
Mean 17.59
Skewness 1.537
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

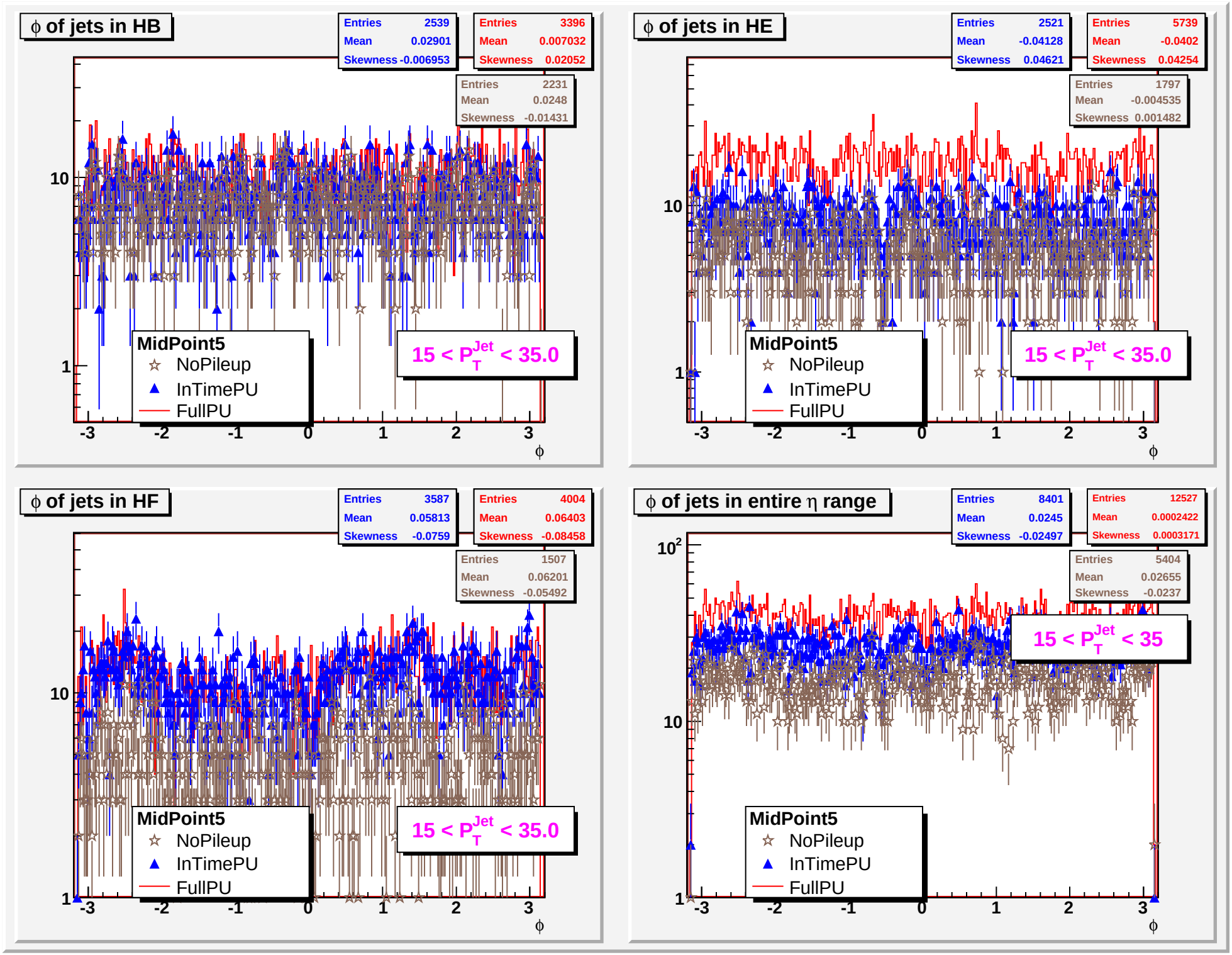

Σ P_T of all jets in HB
Entries 7000
Mean 8.285
Skewness 2.314
Entries 7000
Mean 10.29
Skewness 2.075
Entries 7000
Mean 7.519
Skewness 2.416
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 7.346
Skewness 2.065
Entries 7000
Mean 13.07
Skewness 1.894
Entries 7000
Mean 5.925
Skewness 2.303
Σ P_T of all jets in HF
Entries 7000
Mean 8.227
Skewness 2.261
Entries 7000
Mean 9.246
Skewness 2.149
Entries 7000
Mean 4.468
Skewness 2.491
Σ P_T of all jets in entire η range
Entries 7000
Mean 23.27
Skewness 1.617
Entries 7000
Mean 29.81
Skewness 1.415
Entries 7000
Mean 17.52
Skewness 1.519

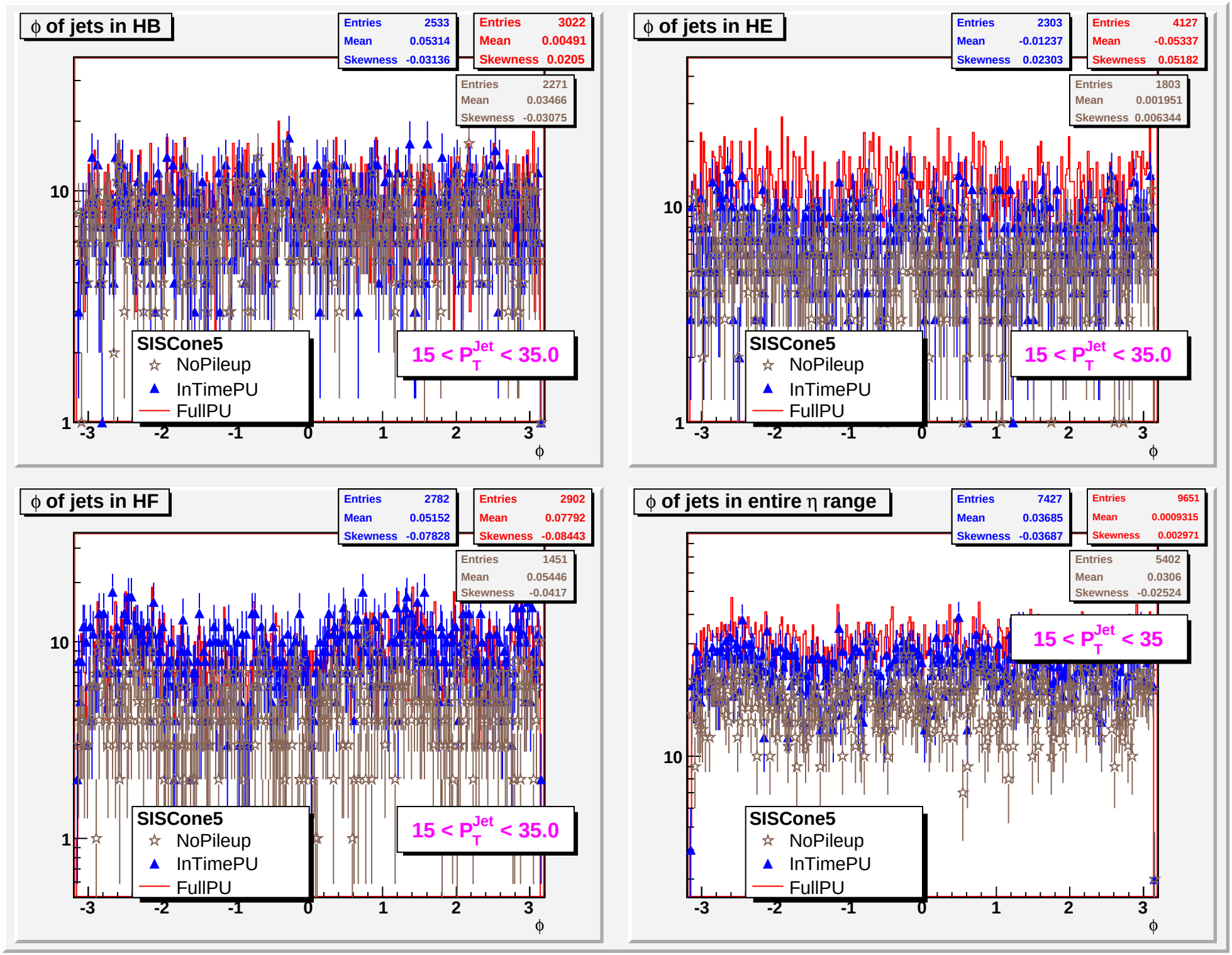

P_T of jets in HB
Entries 2539
Mean 22.94
Skewness 0.4118
Entries 3396
Mean 22.1
Skewness 0.6122
Entries 2231
Mean 23.39
Skewness 0.33
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HE
Entries 2521
Mean 22.17
Skewness 0.6089
Entries 5739
Mean 20.74
Skewness 0.9622
Entries 1797
Mean 23.04
Skewness 0.3953
P_T of jets in HF
Entries 3587
Mean 20.48
Skewness 1.062
Entries 4004
Mean 20.4
Skewness 1.007
Entries 1507
Mean 21.5
Skewness 0.7411
P_T of jets in entire η range
Entries 8401
Mean 21.71
Skewness 0.722
Entries 12527
Mean 21.02
Skewness 0.8809
Entries 5404
Mean 22.78
Skewness 0.4591

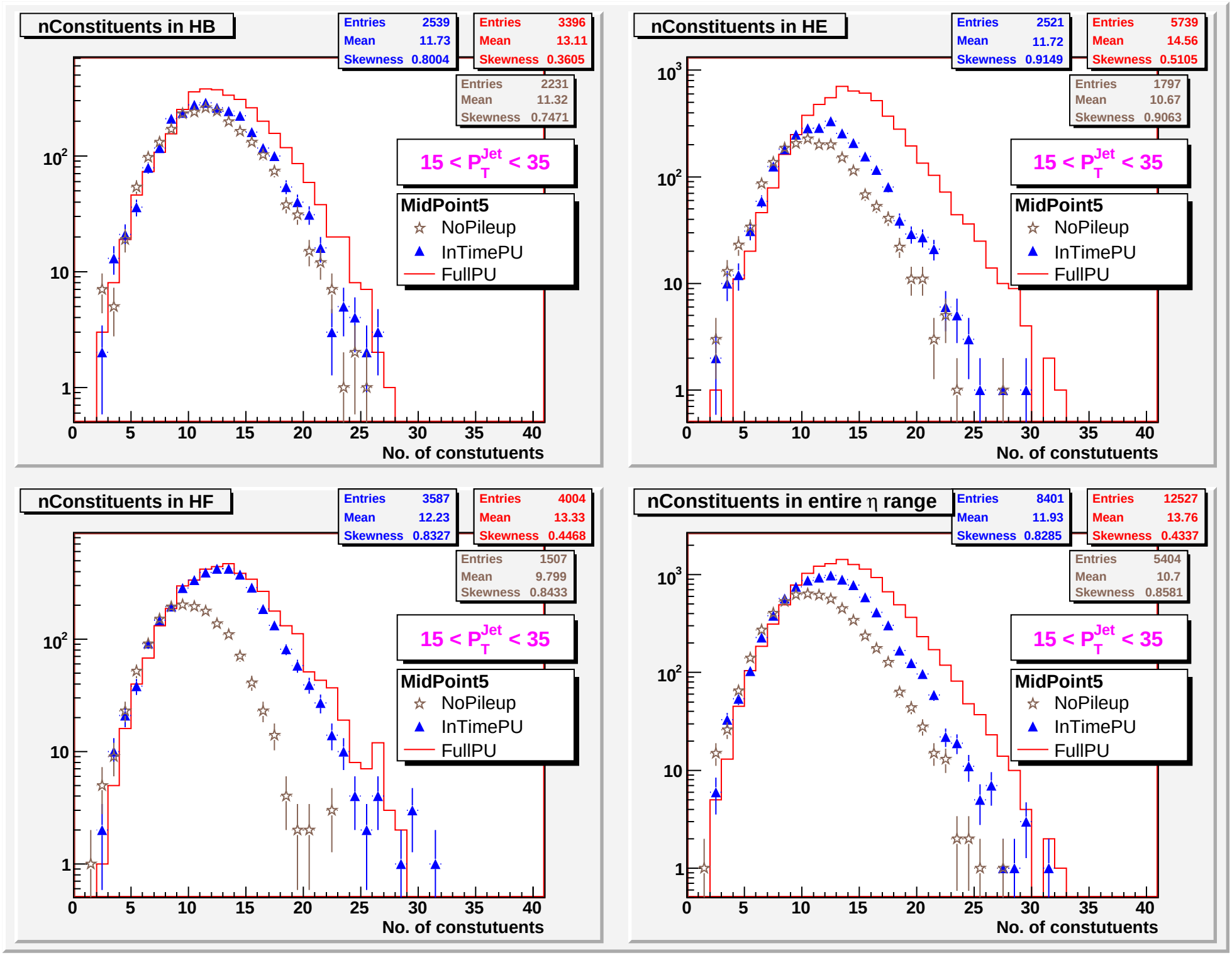

P_T of jets in HB
Entries 2533
Mean 22.9
Skewness 0.4475
Entries 3022
Mean 22.27
Skewness 0.5539
Entries 2271
Mean 23.17
Skewness 0.3614
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
P_T (in GeV)
P_T of jets in HE
Entries 2303
Mean 22.33
Skewness 0.5662
Entries 4127
Mean 21.15
Skewness 0.8392
Entries 1803
Mean 23
Skewness 0.4032
P_T of jets in HF
Entries 2782
Mean 20.7
Skewness 0.9663
Entries 2902
Mean 20.63
Skewness 0.9557
Entries 1451
Mean 21.56
Skewness 0.7398
P_T of jets in entire η range
Entries 7427
Mean 21.94
Skewness 0.6649
Entries 9651
Mean 21.37
Skewness 0.7791
Entries 5402
Mean 22.7
Skewness 0.4714

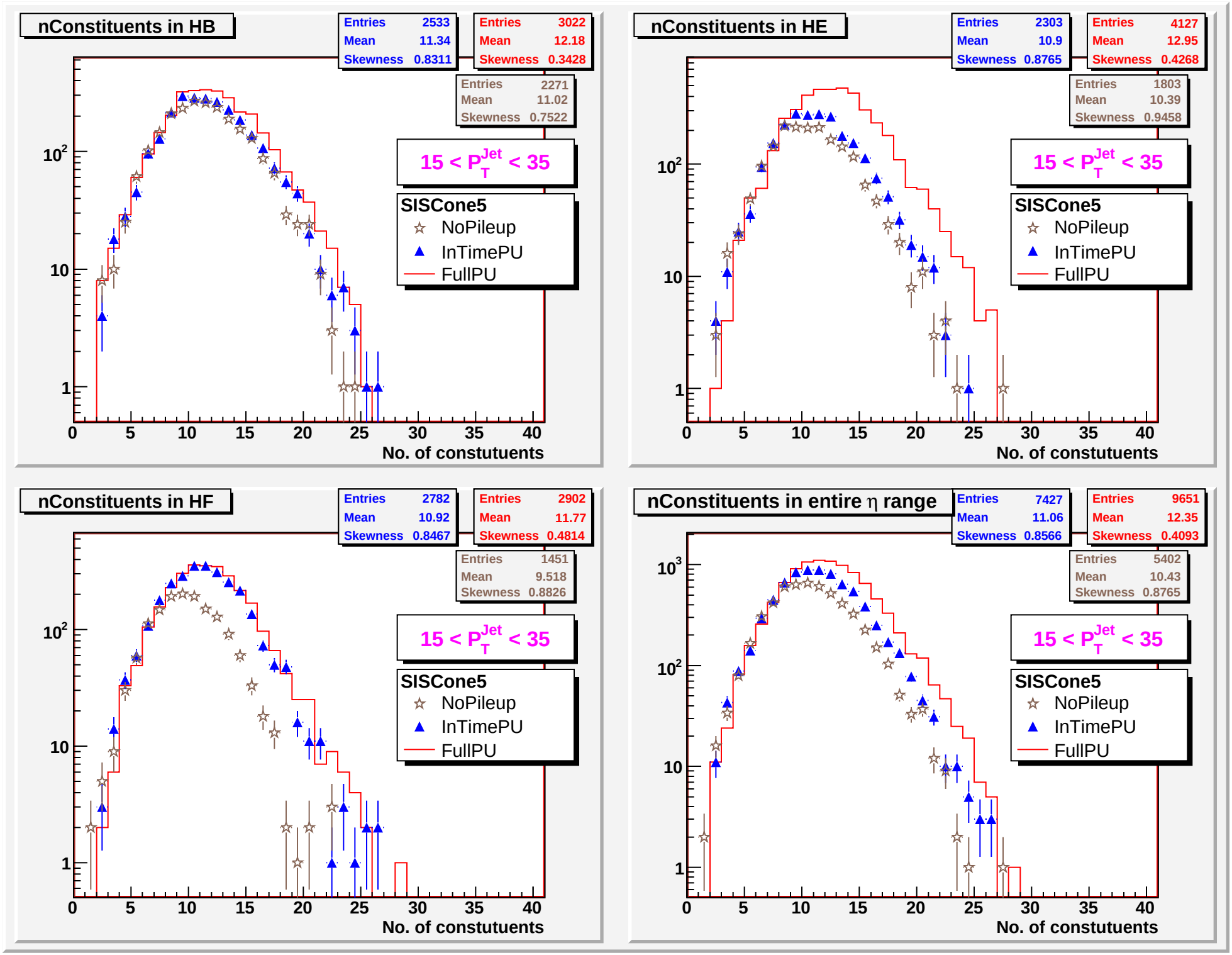

η of jets in HB
MidPoint5
NoPileup
InTimePU
FullPU
Entries 2539
Mean 0.002296
Skewness -0.02741
Entries 3396
Mean 0.009003
Skewness -0.01246
Entries 2231
Mean -0.01036
Skewness -0.002393
15 < P_T^Jet < 35
η of jets in HE
Entries 2521
Mean 0.05685
Skewness -0.04165
Entries 5739
Mean 0.02858
Skewness -0.02258
Entries 1797
Mean 0.02632
Skewness -0.0168
η of jets in HF
Entries 3587
Mean 0.6012
Skewness -0.2834
Entries 4004
Mean 0.4874
Skewness -0.2214
Entries 1507
Mean 0.4998
Skewness -0.2318
η of jets in entire η range
Entries 8401
Mean 0.2638
Skewness -0.07125
Entries 12527
Mean 0.167
Skewness -0.03135
Entries 5404
Mean 0.1389
Skewness 0.01411
η

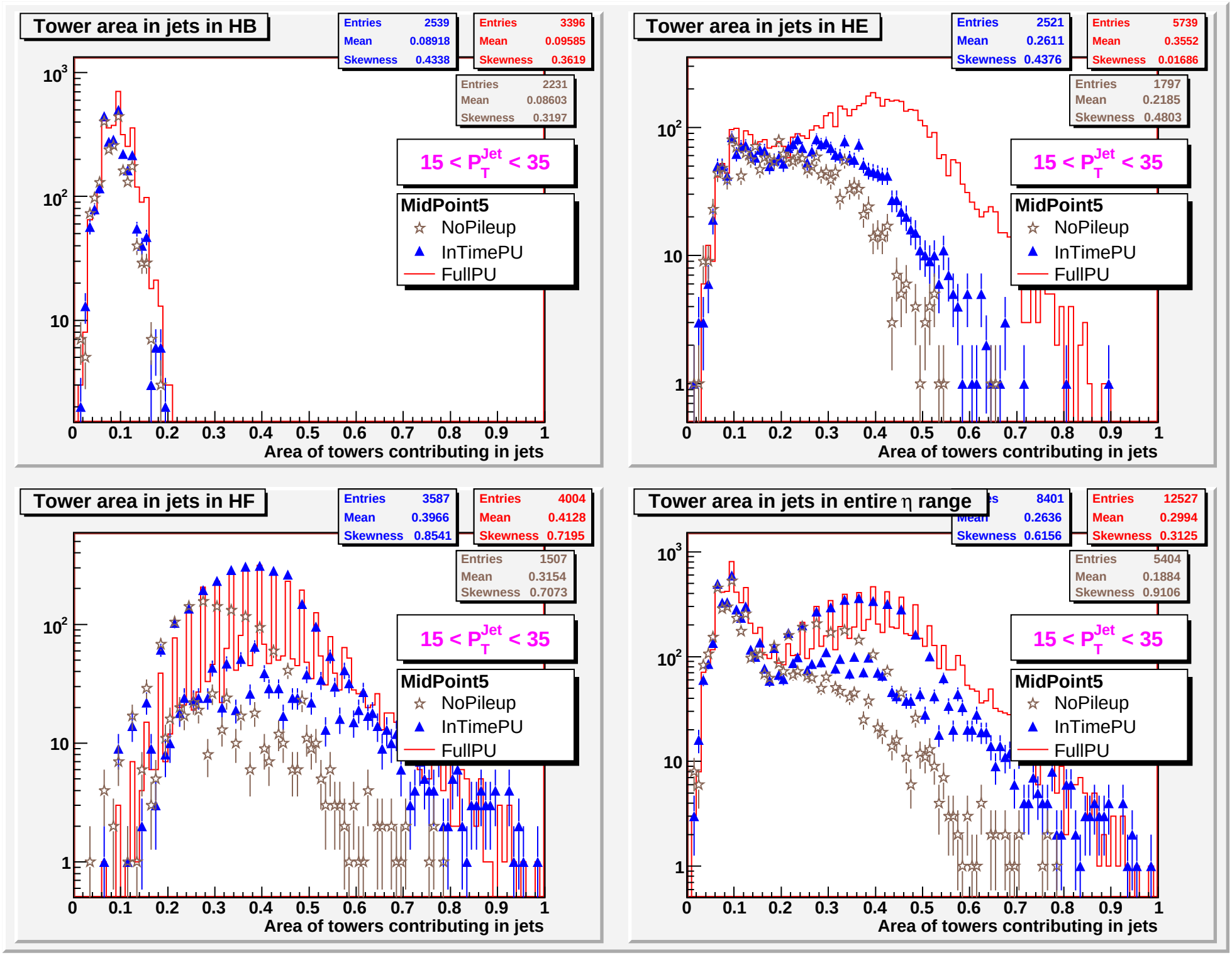

η of jets in HB
SISCone5
NoPileup
InTimePU
FullPU
Entries 2533
Mean 0.006437
Skewness -0.03539
Entries 3022
Mean 0.001347
Skewness -0.002821
Entries 2271
Mean -0.001985
Skewness -0.009737
15 < P_T^Jet < 35
η of jets in HE
Entries 2303
Mean 0.03814
Skewness -0.02961
Entries 4127
Mean 0.02222
Skewness -0.01469
Entries 1803
Mean -0.01311
Skewness 0.01614
η of jets in HF
Entries 2782
Mean 0.5521
Skewness -0.2593
Entries 2902
Mean 0.5557
Skewness -0.253
Entries 1451
Mean 0.4858
Skewness -0.2217
η of jets in entire η range
Entries 7427
Mean 0.2141
Skewness -0.0427
Entries 9651
Mean 0.1745
Skewness -0.01779
Entries 5402
Mean 0.1203
Skewness 0.02884
η

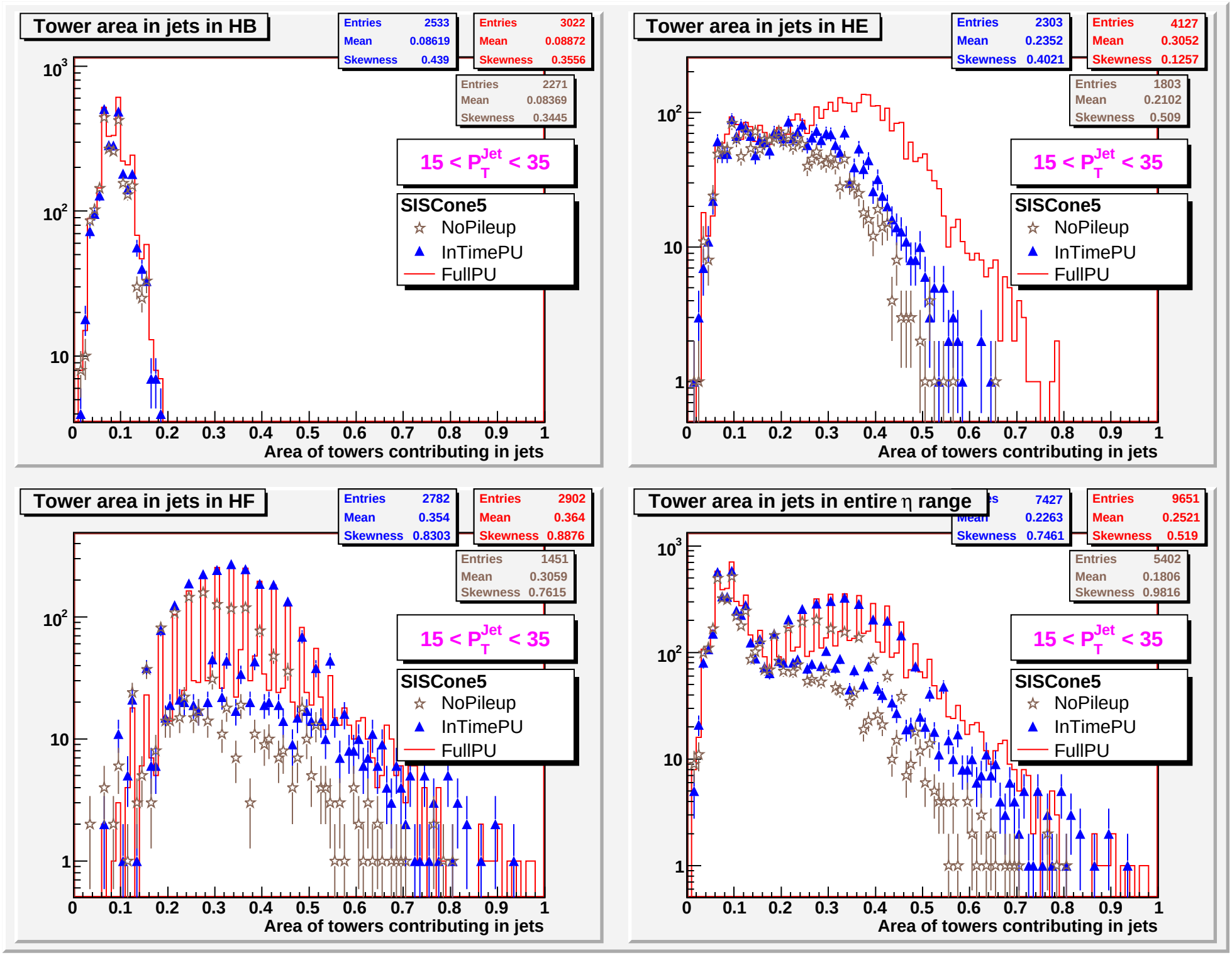

ϕ of jets in HB
Entries 2539
Mean 0.02901
Skewness -0.006953
Entries 3396
Mean 0.007032
Skewness 0.02052
Entries 2231
Mean 0.0248
Skewness -0.01431
MidPoint5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35.0
ϕ of jets in HE
Entries 2521
Mean -0.04128
Skewness 0.04621
Entries 5739
Mean -0.0402
Skewness 0.04254
Entries 1797
Mean -0.004535
Skewness 0.001482
MidPoint5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35.0
ϕ of jets in HF
Entries 3587
Mean 0.05813
Skewness -0.0759
Entries 4004
Mean 0.06403
Skewness -0.08458
Entries 1507
Mean 0.06201
Skewness -0.05492
MidPoint5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35.0
ϕ of jets in entire η range
Entries 8401
Mean 0.0245
Skewness -0.02497
Entries 12527
Mean 0.0002422
Skewness 0.0003171
Entries 5404
Mean 0.02655
Skewness -0.0237
MidPoint5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35
ϕ

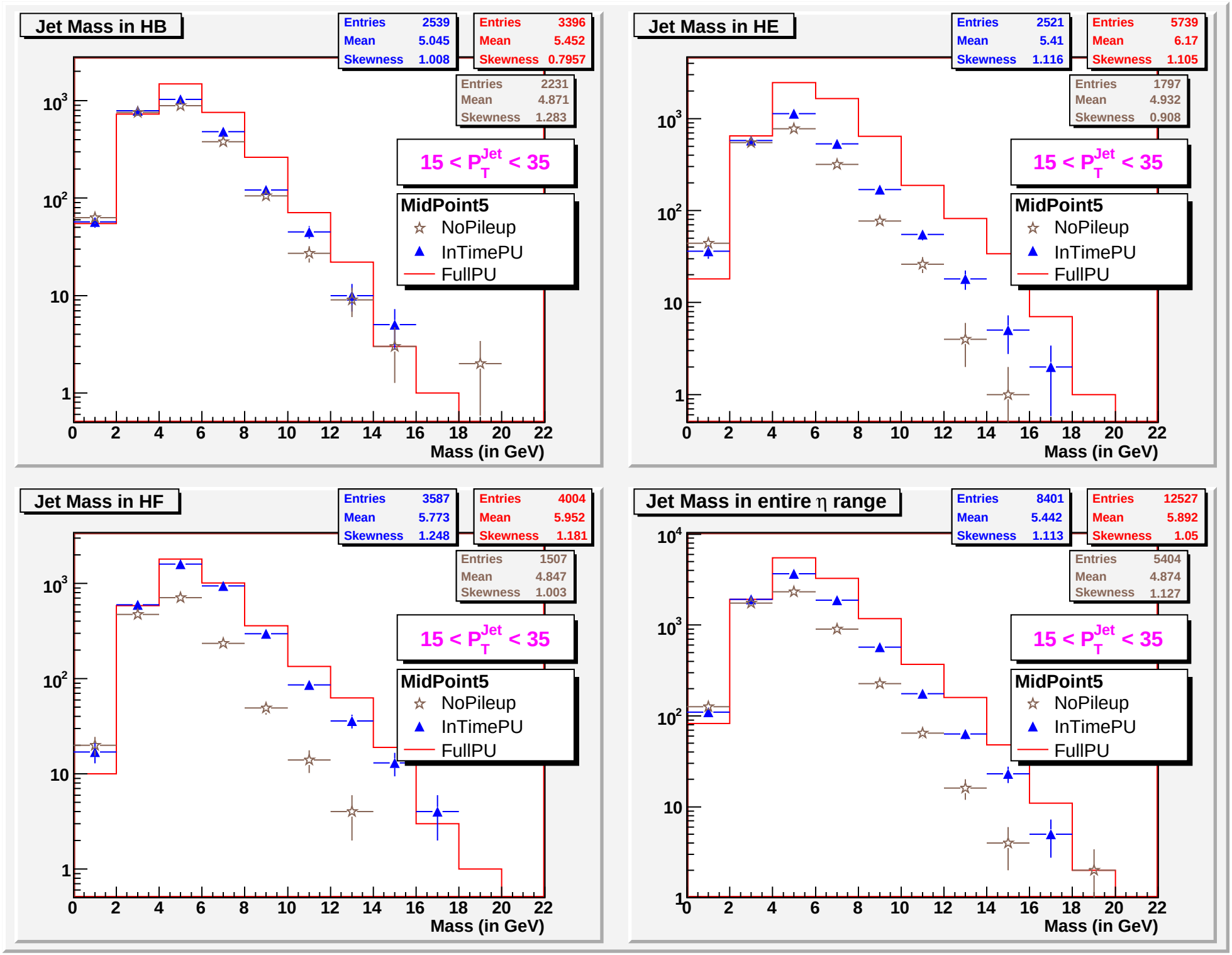

ϕ of jets in HB
Entries 2533
Mean 0.05314
Skewness -0.03136
Entries 3022
Mean 0.00491
Skewness 0.0205
Entries 2271
Mean 0.03466
Skewness -0.03075
SISCone5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35.0
ϕ of jets in HE
Entries 2303
Mean -0.01237
Skewness 0.02303
Entries 4127
Mean -0.05337
Skewness 0.05182
Entries 1803
Mean 0.001951
Skewness 0.006344
SISCone5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35.0
ϕ of jets in HF
Entries 2782
Mean 0.05152
Skewness -0.07828
Entries 2902
Mean 0.07792
Skewness -0.08443
Entries 1451
Mean 0.05446
Skewness -0.0417
SISCone5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35.0
ϕ of jets in entire η range
Entries 7427
Mean 0.03685
Skewness -0.03687
Entries 9651
Mean 0.0009315
Skewness 0.002971
Entries 5402
Mean 0.0306
Skewness -0.02524
SISCone5
NoPileup
InTimePU
FullPU
15 < P_T^Jet < 35
ϕ

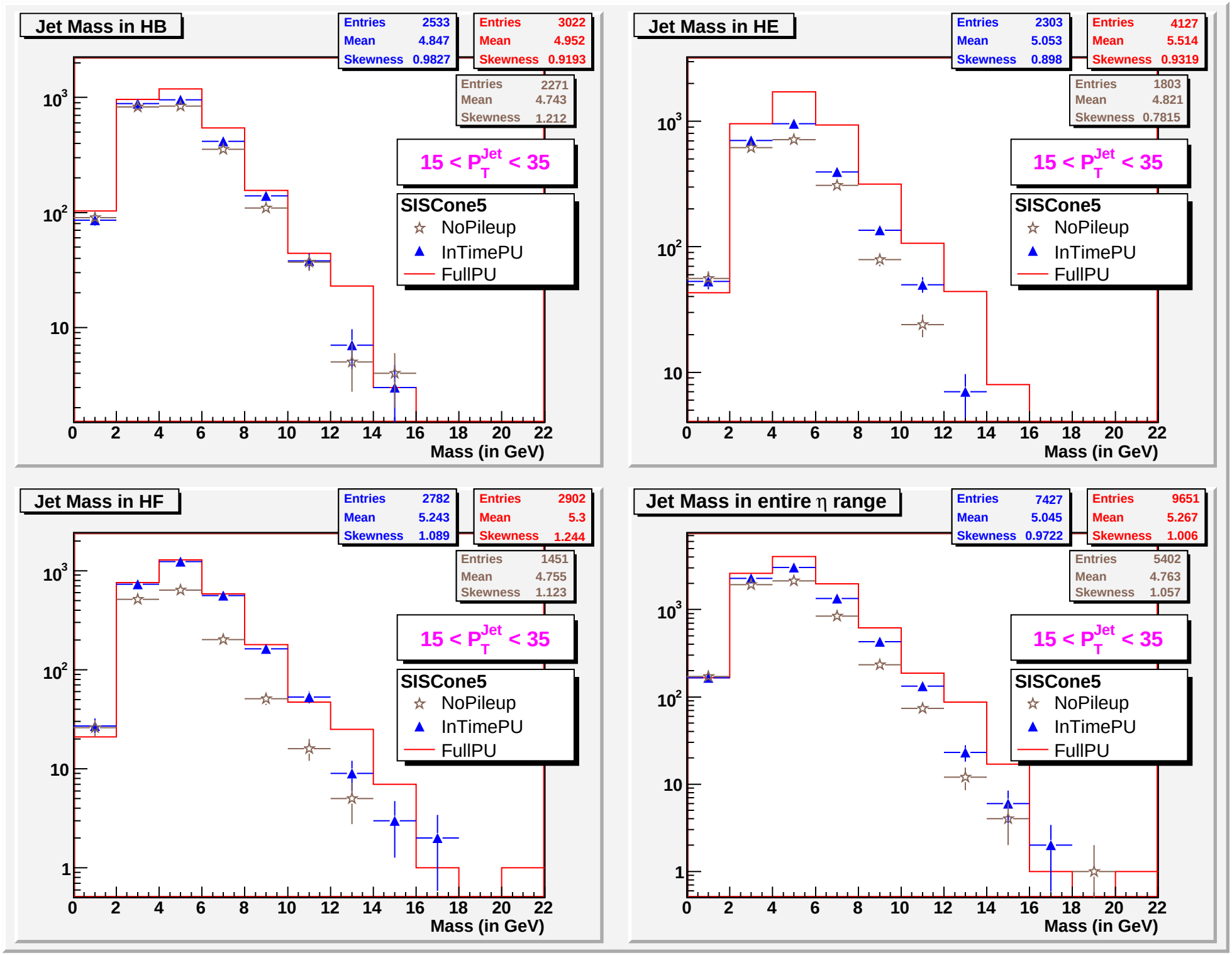

nConstituents in HB
Entries 2539
Mean 11.73
Skewness 0.8004
Entries 3396
Mean 13.11
Skewness 0.3605
Entries 2231
Mean 11.32
Skewness 0.7471
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 2521
Mean 11.72
Skewness 0.9149
Entries 5739
Mean 14.56
Skewness 0.5105
Entries 1797
Mean 10.67
Skewness 0.9063
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 3587
Mean 12.23
Skewness 0.8327
Entries 4004
Mean 13.33
Skewness 0.4468
Entries 1507
Mean 9.799
Skewness 0.8433
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 8401
Mean 11.93
Skewness 0.8285
Entries 12527
Mean 13.76
Skewness 0.4337
Entries 5404
Mean 10.7
Skewness 0.8581
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents

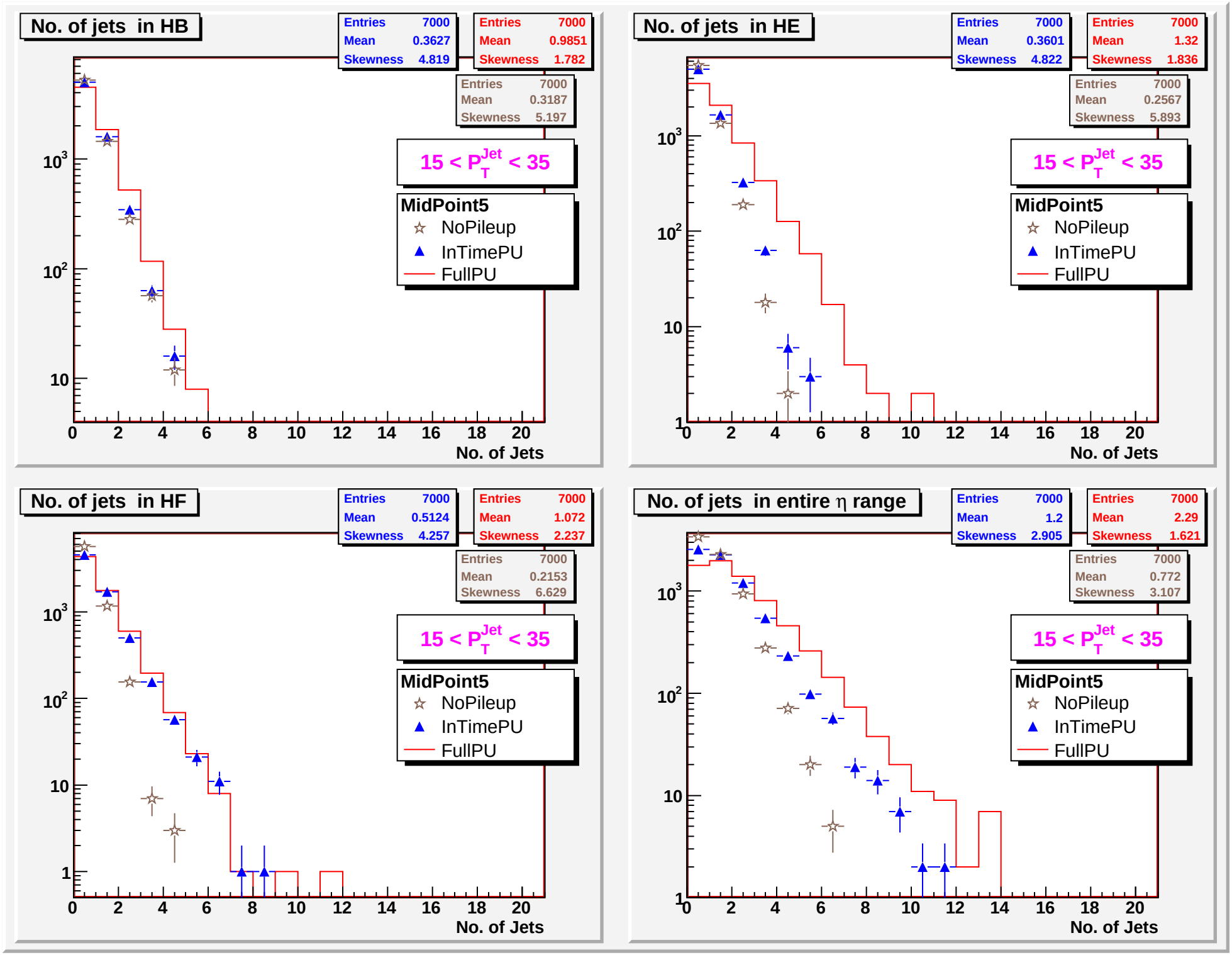

nConstituents in HB
Entries 2533
Mean 11.34
Skewness 0.8311
Entries 3022
Mean 12.18
Skewness 0.3428
Entries 2271
Mean 11.02
Skewness 0.7522
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 2303
Mean 10.9
Skewness 0.8765
Entries 4127
Mean 12.95
Skewness 0.4268
Entries 1803
Mean 10.39
Skewness 0.9458
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 2782
Mean 10.92
Skewness 0.8467
Entries 2902
Mean 11.77
Skewness 0.4814
Entries 1451
Mean 9.518
Skewness 0.8826
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 7427
Mean 11.06
Skewness 0.8566
Entries 9651
Mean 12.35
Skewness 0.4093
Entries 5402
Mean 10.43
Skewness 0.8765
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents

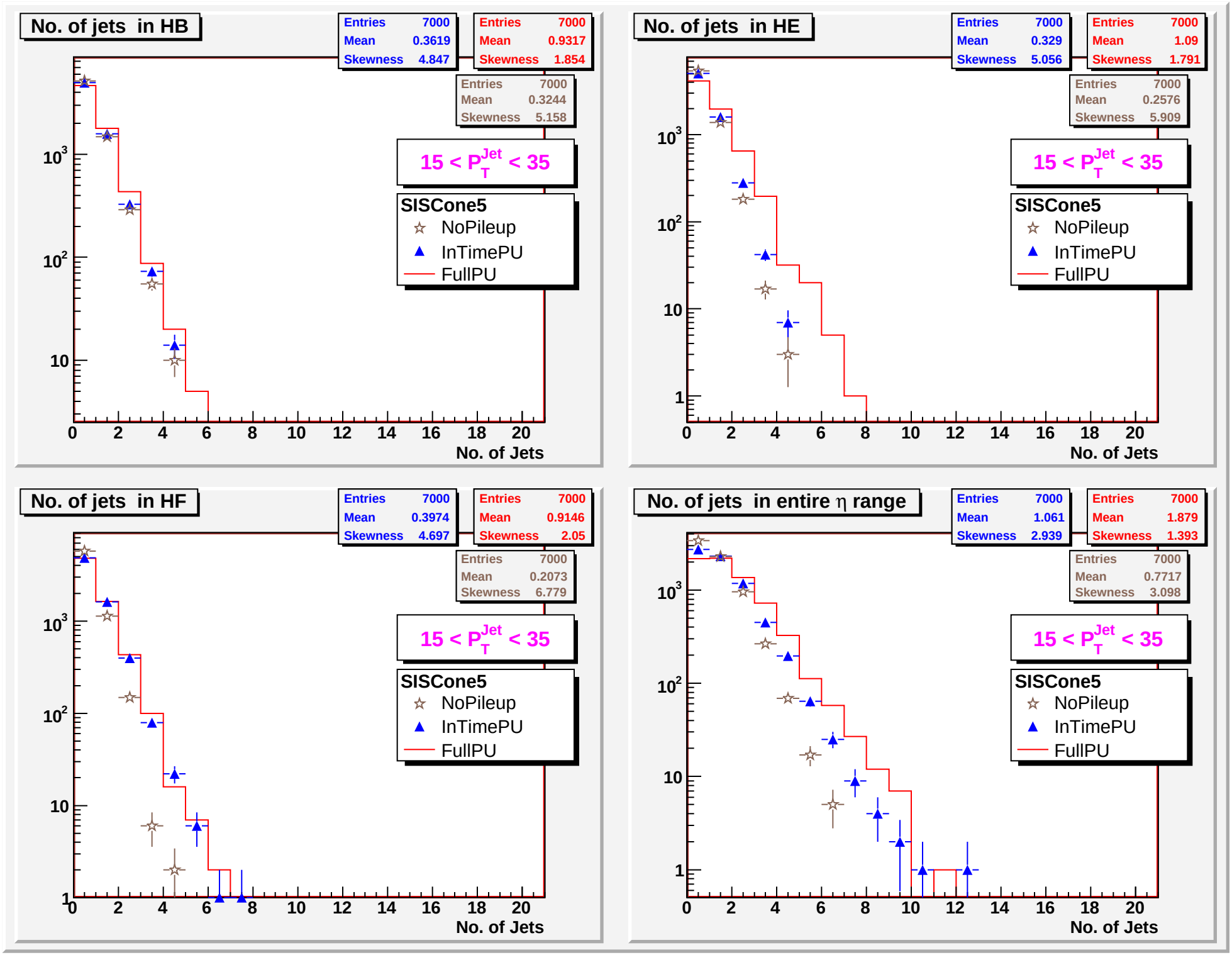

Tower area in jets in HB
Entries 2539
Mean 0.08918
Skewness 0.4338
Entries 3396
Mean 0.09585
Skewness 0.3619
Entries 2231
Mean 0.08603
Skewness 0.3197
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 2521
Mean 0.2611
Skewness 0.4376
Entries 5739
Mean 0.3552
Skewness 0.01686
Entries 1797
Mean 0.2185
Skewness 0.4803
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 3587
Mean 0.3966
Skewness 0.8541
Entries 4004
Mean 0.4128
Skewness 0.7195
Entries 1507
Mean 0.3154
Skewness 0.7073
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
Entries 8401
Mean 0.2636
Skewness 0.6156
Entries 12527
Mean 0.2994
Skewness 0.3125
Entries 5404
Mean 0.1884
Skewness 0.9106
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

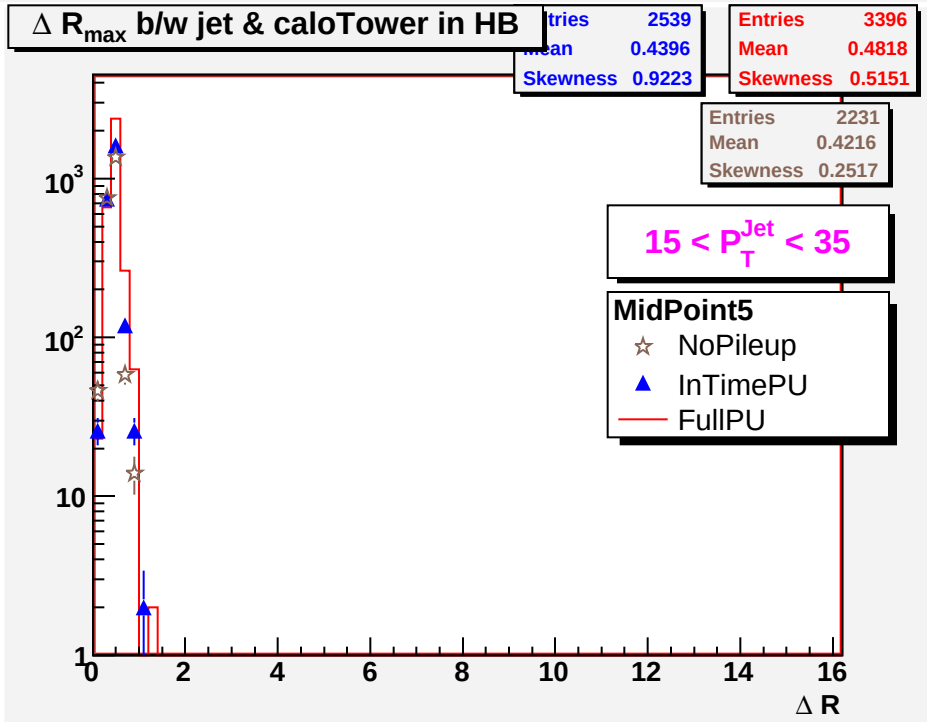

Tower area in jets in HB
Entries 2533
Mean 0.08619
Skewness 0.439
Entries 3022
Mean 0.08872
Skewness 0.3556
Entries 2271
Mean 0.08369
Skewness 0.3445
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 2303
Mean 0.2352
Skewness 0.4021
Entries 4127
Mean 0.3052
Skewness 0.1257
Entries 1803
Mean 0.2102
Skewness 0.509
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 2782
Mean 0.354
Skewness 0.8303
Entries 2902
Mean 0.364
Skewness 0.8876
Entries 1451
Mean 0.3059
Skewness 0.7615
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
7427
0.2263
Skewness 0.7461
Entries 9651
Mean 0.2521
Skewness 0.519
Entries 5402
Mean 0.1806
Skewness 0.9816
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

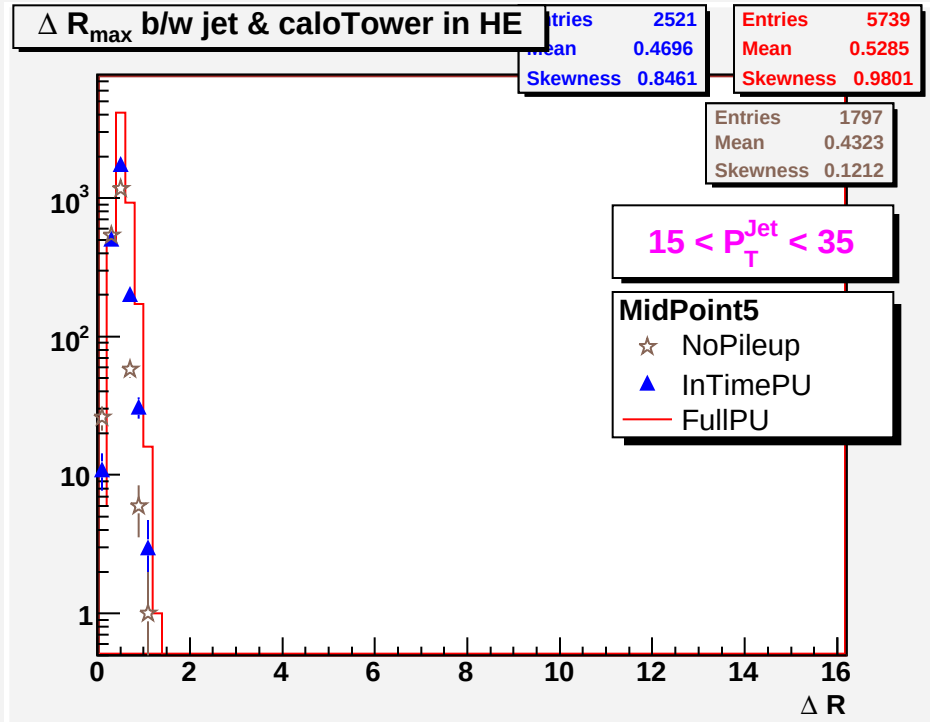

Jet Mass in HB
Entries 2539
Mean 5.045
Skewness 1.008
Entries 3396
Mean 5.452
Skewness 0.7957
Entries 2231
Mean 4.871
Skewness 1.283
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 2521
Mean 5.41
Skewness 1.116
Entries 5739
Mean 6.17
Skewness 1.105
Entries 1797
Mean 4.932
Skewness 0.908
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 3587
Mean 5.773
Skewness 1.248
Entries 4004
Mean 5.952
Skewness 1.181
Entries 1507
Mean 4.847
Skewness 1.003
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 8401
Mean 5.442
Skewness 1.113
Entries 12527
Mean 5.892
Skewness 1.05
Entries 5404
Mean 4.874
Skewness 1.127
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)

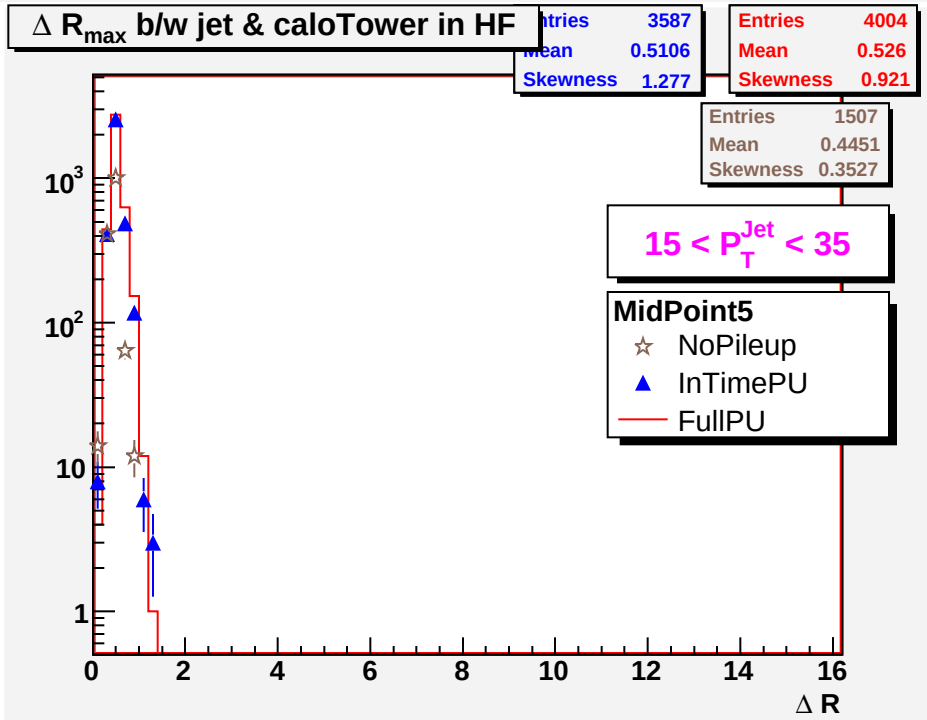

Jet Mass in HB
Entries 2533
Mean 4.847
Skewness 0.9827
Entries 3022
Mean 4.952
Skewness 0.9193
Entries 2271
Mean 4.743
Skewness 1.212
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 2303
Mean 5.053
Skewness 0.898
Entries 4127
Mean 5.514
Skewness 0.9319
Entries 1803
Mean 4.821
Skewness 0.7815
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 2782
Mean 5.243
Skewness 1.089
Entries 2902
Mean 5.3
Skewness 1.244
Entries 1451
Mean 4.755
Skewness 1.123
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 7427
Mean 5.045
Skewness 0.9722
Entries 9651
Mean 5.267
Skewness 1.006
Entries 5402
Mean 4.763
Skewness 1.057
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)

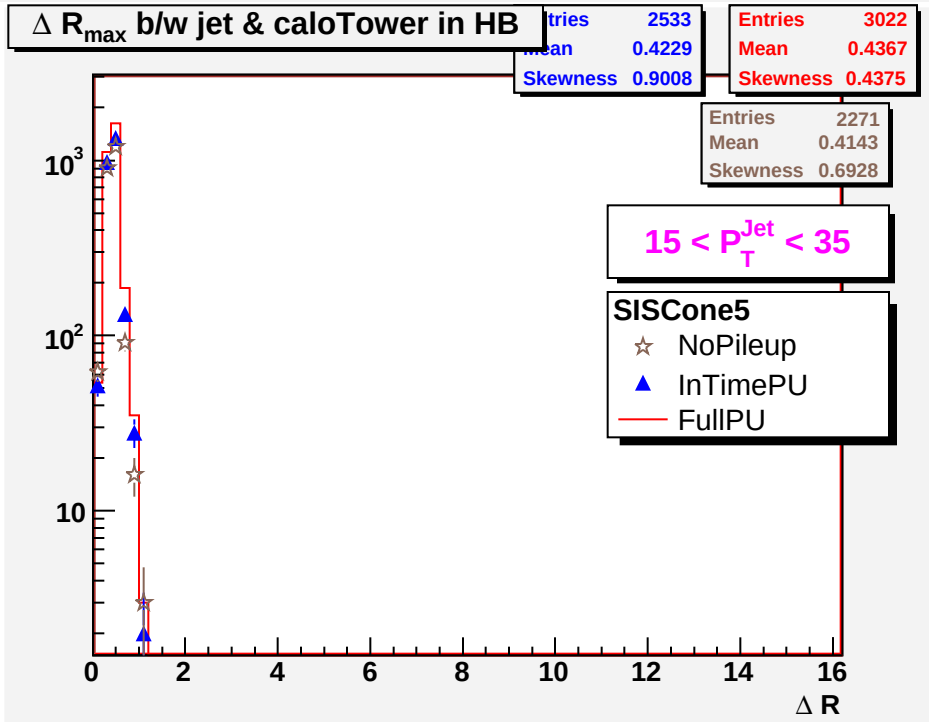

No. of jets in HB
Entries 7000
Mean 0.3627
Skewness 4.819
Entries 7000
Mean 0.9851
Skewness 1.782
Entries 7000
Mean 0.3187
Skewness 5.197
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 0.3601
Skewness 4.822
Entries 7000
Mean 1.32
Skewness 1.836
Entries 7000
Mean 0.2567
Skewness 5.893
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 0.5124
Skewness 4.257
Entries 7000
Mean 1.072
Skewness 2.237
Entries 7000
Mean 0.2153
Skewness 6.629
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 1.2
Skewness 2.905
Entries 7000
Mean 2.29
Skewness 1.621
Entries 7000
Mean 0.772
Skewness 3.107
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets

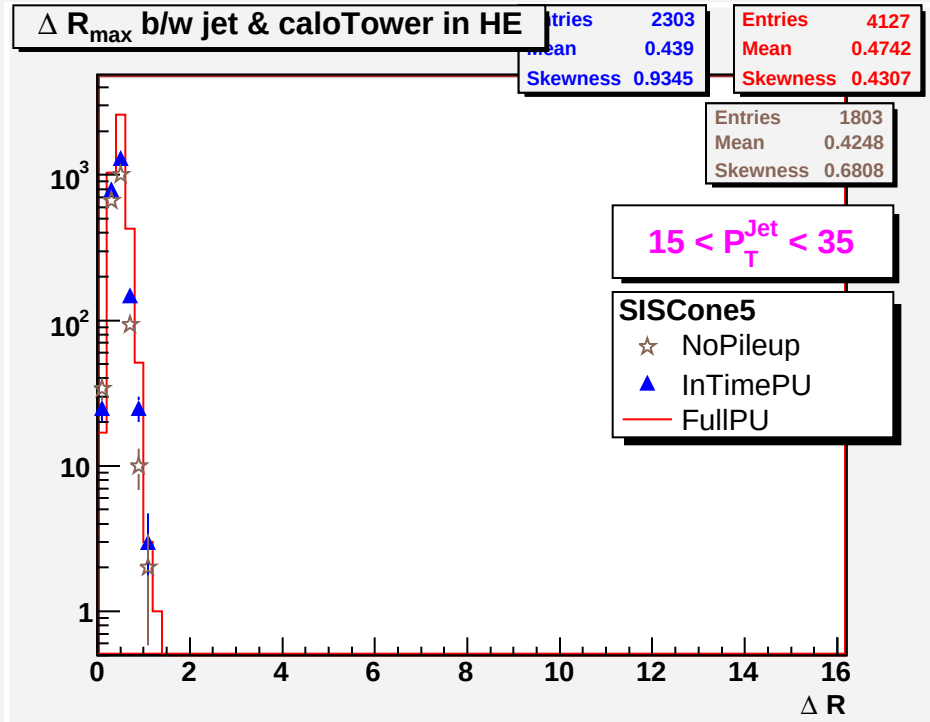

No. of jets in HB
Entries 7000
Mean 0.3619
Skewness 4.847
Entries 7000
Mean 0.9317
Skewness 1.854
Entries 7000
Mean 0.3244
Skewness 5.158
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 0.329
Skewness 5.056
Entries 7000
Mean 1.09
Skewness 1.791
Entries 7000
Mean 0.2576
Skewness 5.909
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 0.3974
Skewness 4.697
Entries 7000
Mean 0.9146
Skewness 2.05
Entries 7000
Mean 0.2073
Skewness 6.779
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 1.061
Skewness 2.939
Entries 7000
Mean 1.879
Skewness 1.393
Entries 7000
Mean 0.7717
Skewness 3.098
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets

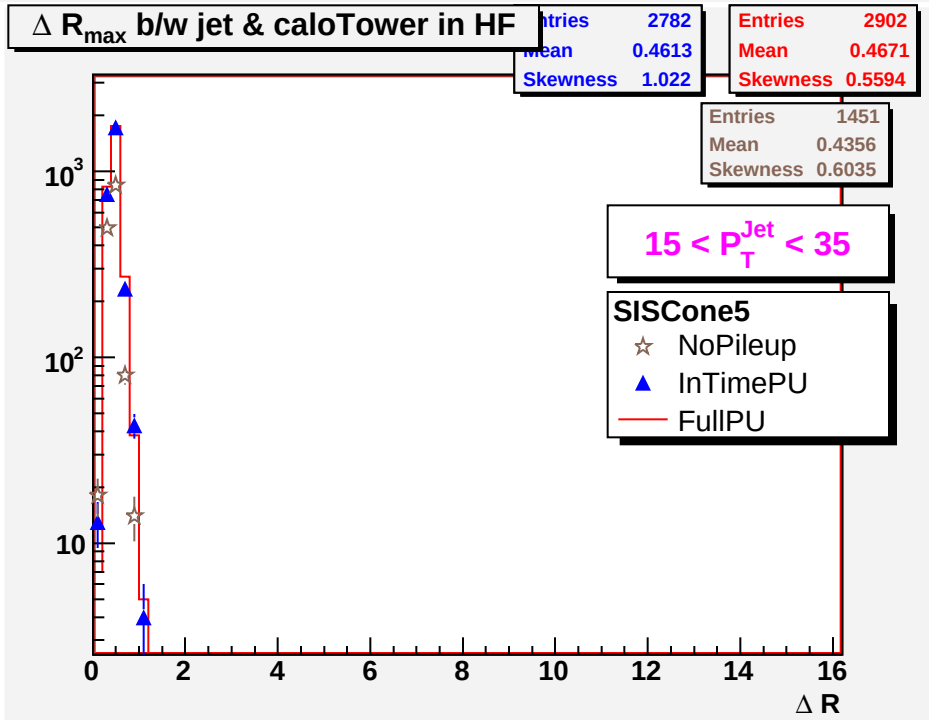

Δ R_max b/w jet & caloTower in HB
Entries 2539
Mean 0.4396
Skewness 0.9223
Entries 3396
Mean 0.4818
Skewness 0.5151
Entries 2231
Mean 0.4216
Skewness 0.2517
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

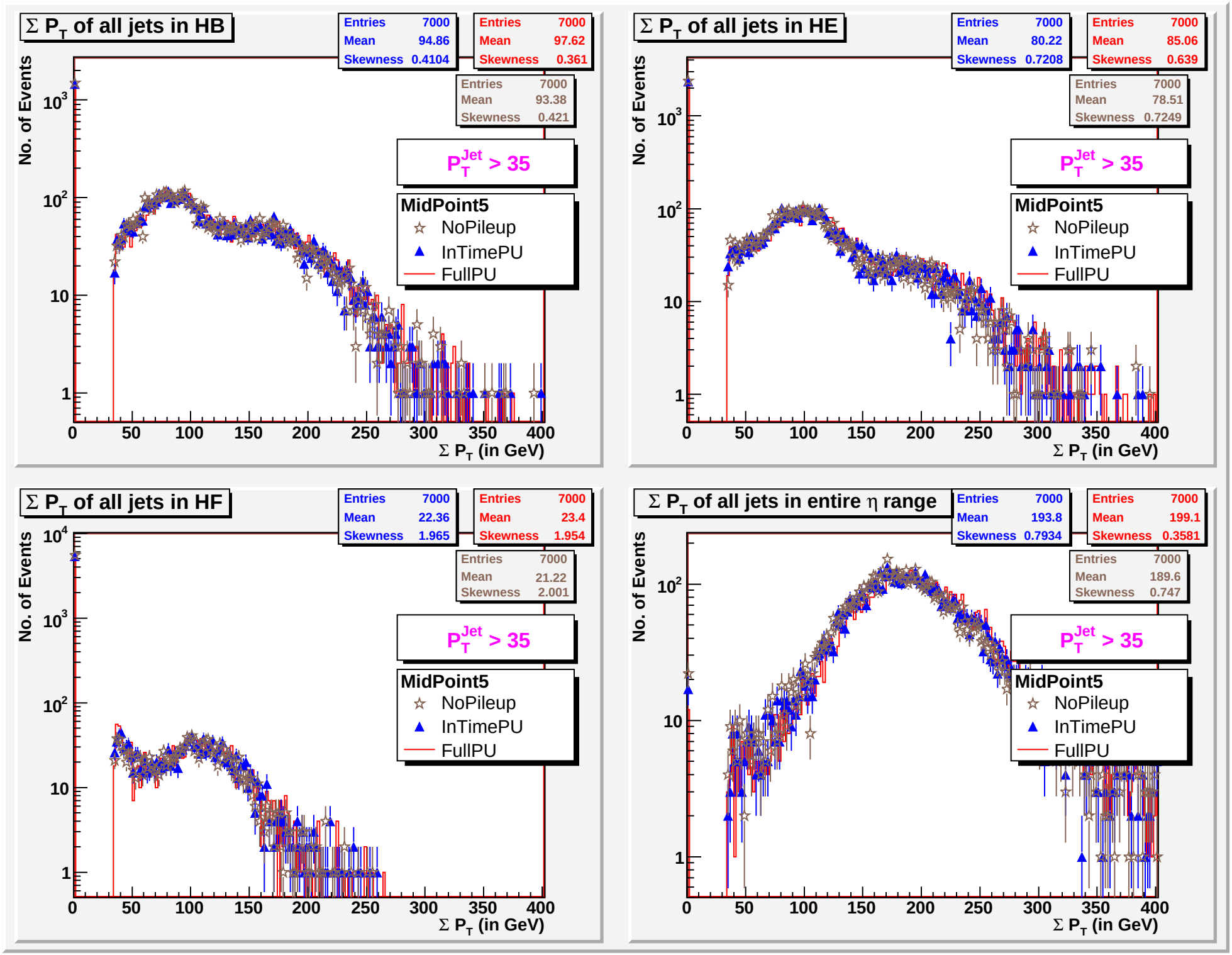

Δ R_max b/w jet & caloTower in HE
Entries 2521
Mean 0.4696
Skewness 0.8461
Entries 5739
Mean 0.5285
Skewness 0.9801
Entries 1797
Mean 0.4323
Skewness 0.1212
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

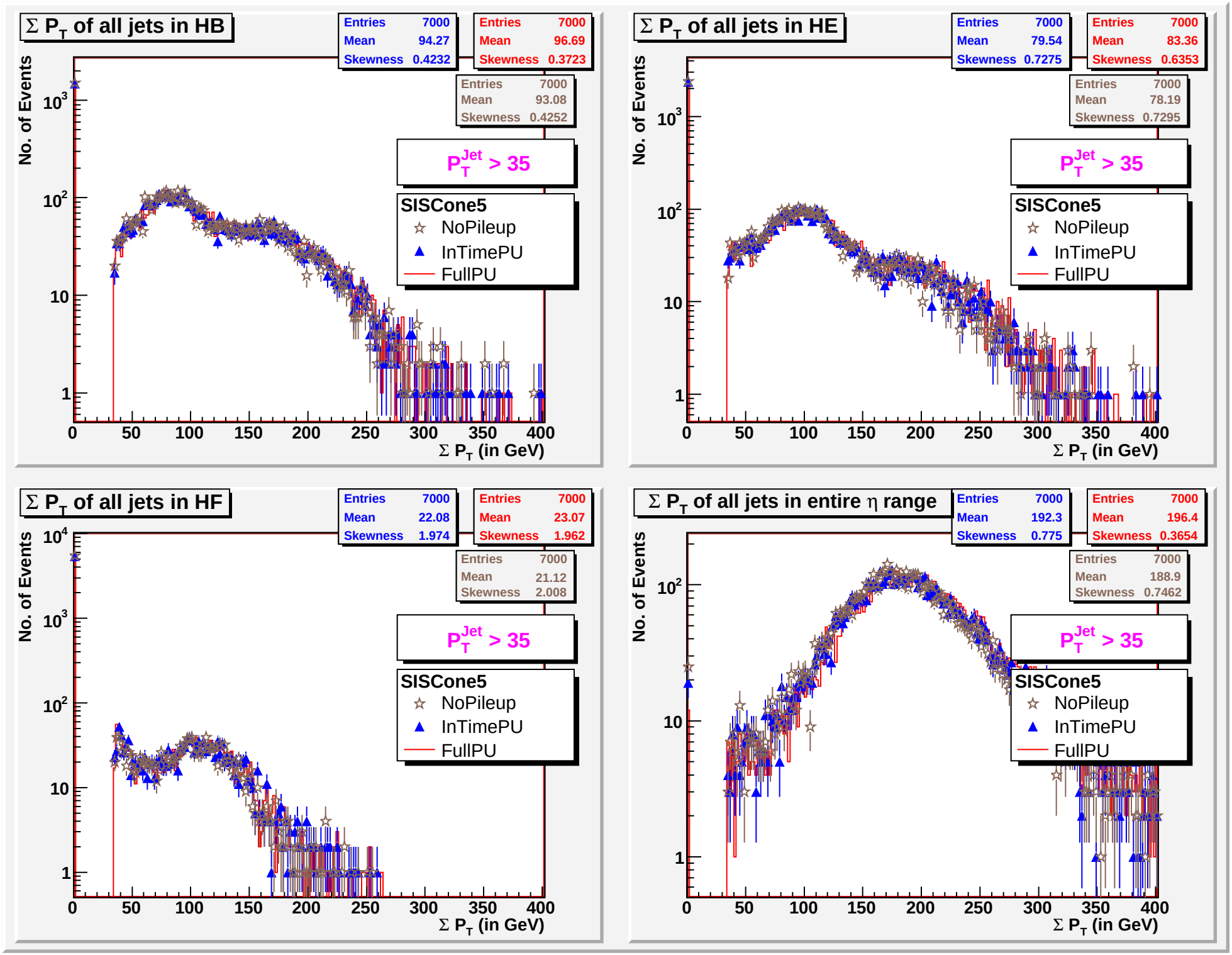

Δ R_max b/w jet & caloTower in HF
Entries 3587
Mean 0.5106
Skewness 1.277
Entries 4004
Mean 0.526
Skewness 0.921
Entries 1507
Mean 0.4451
Skewness 0.3527
15 < P_T^Jet < 35
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

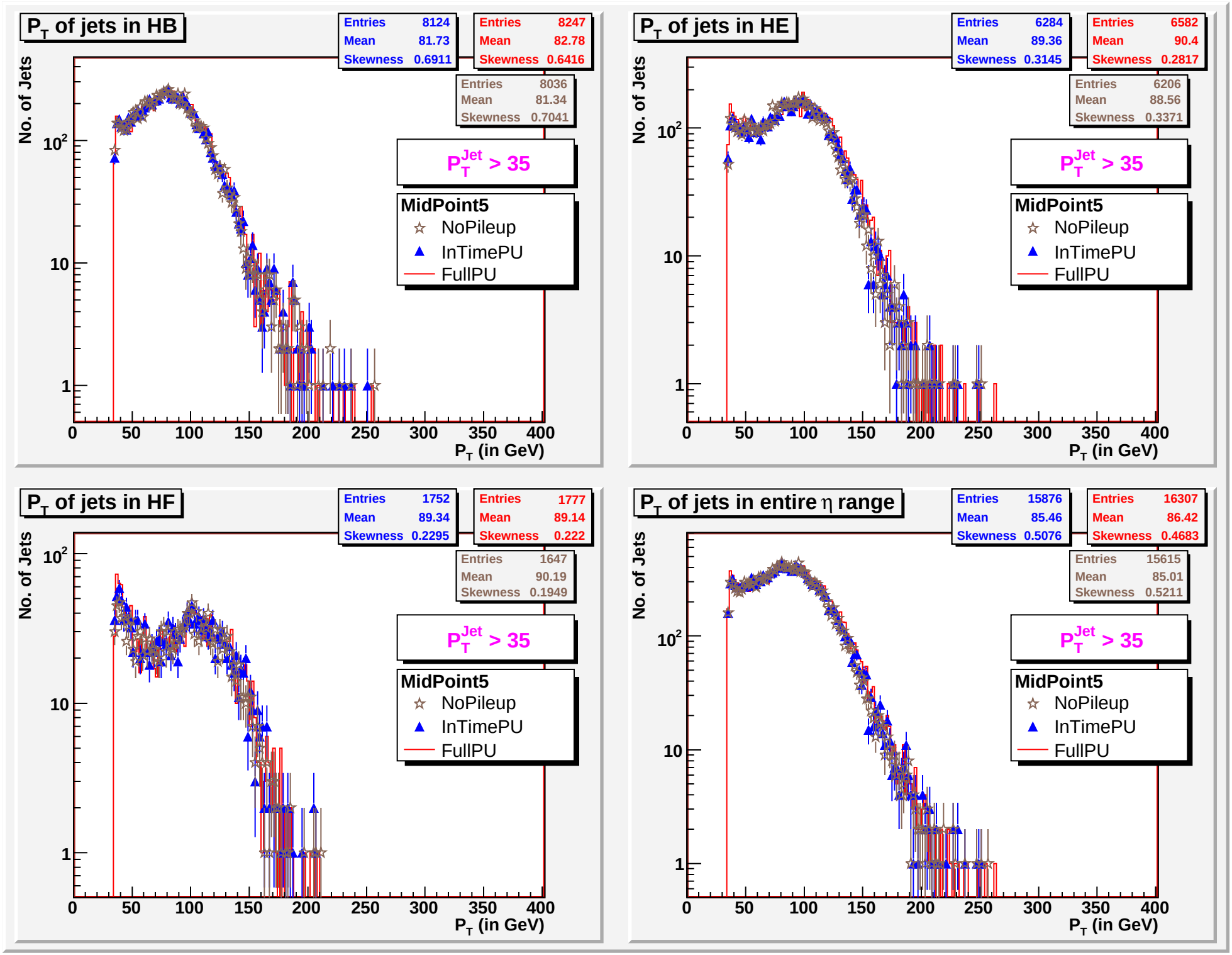

Δ R_max b/w jet & caloTower in HB
Entries 2533
Mean 0.4229
Skewness 0.9008
Entries 3022
Mean 0.4367
Skewness 0.4375
Entries 2271
Mean 0.4143
Skewness 0.6928
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Δ R

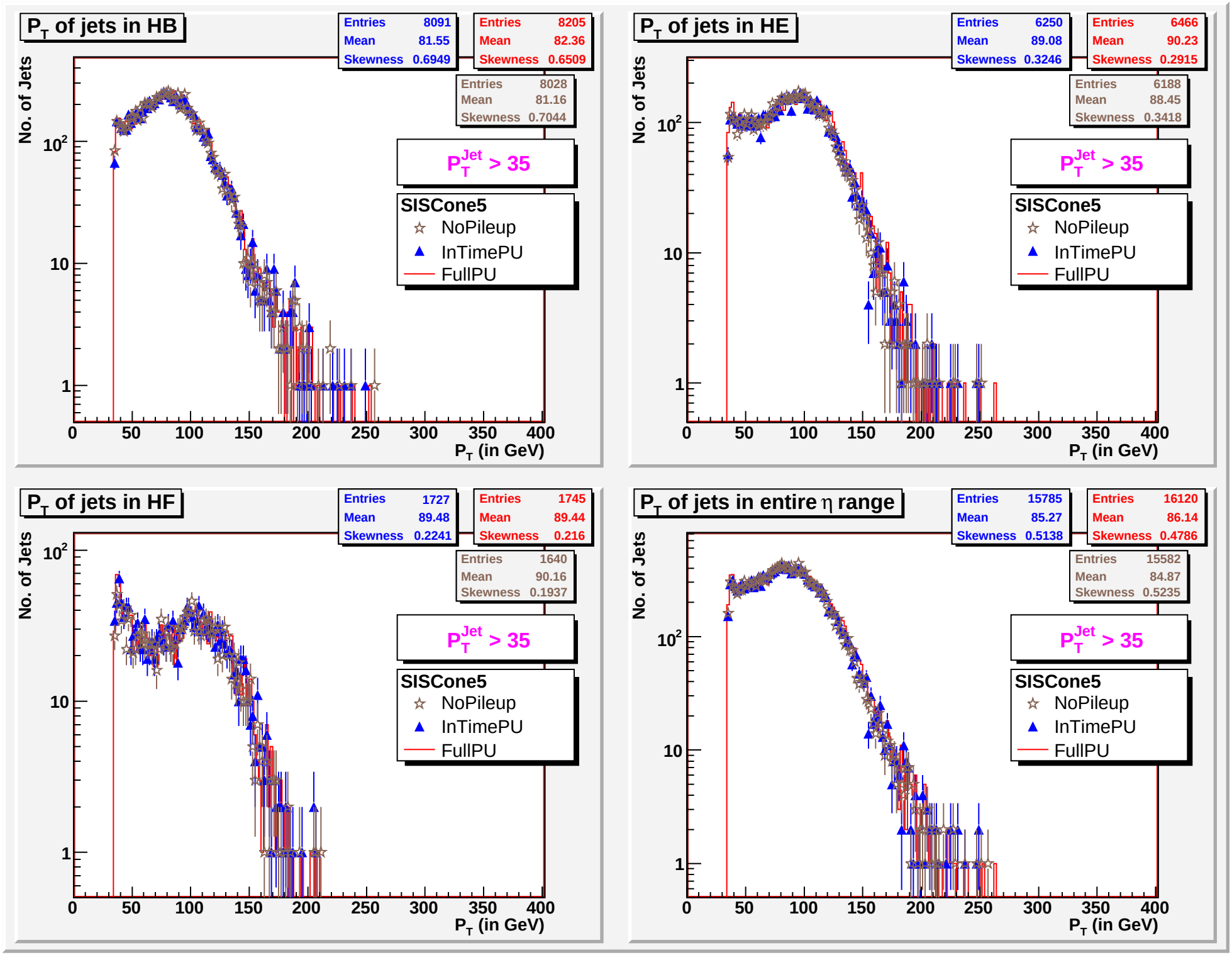

Δ R_max b/w jet & caloTower in HE
Entries 2303
Mean 0.439
Skewness 0.9345
Entries 4127
Mean 0.4742
Skewness 0.4307
Entries 1803
Mean 0.4248
Skewness 0.6808
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Δ R

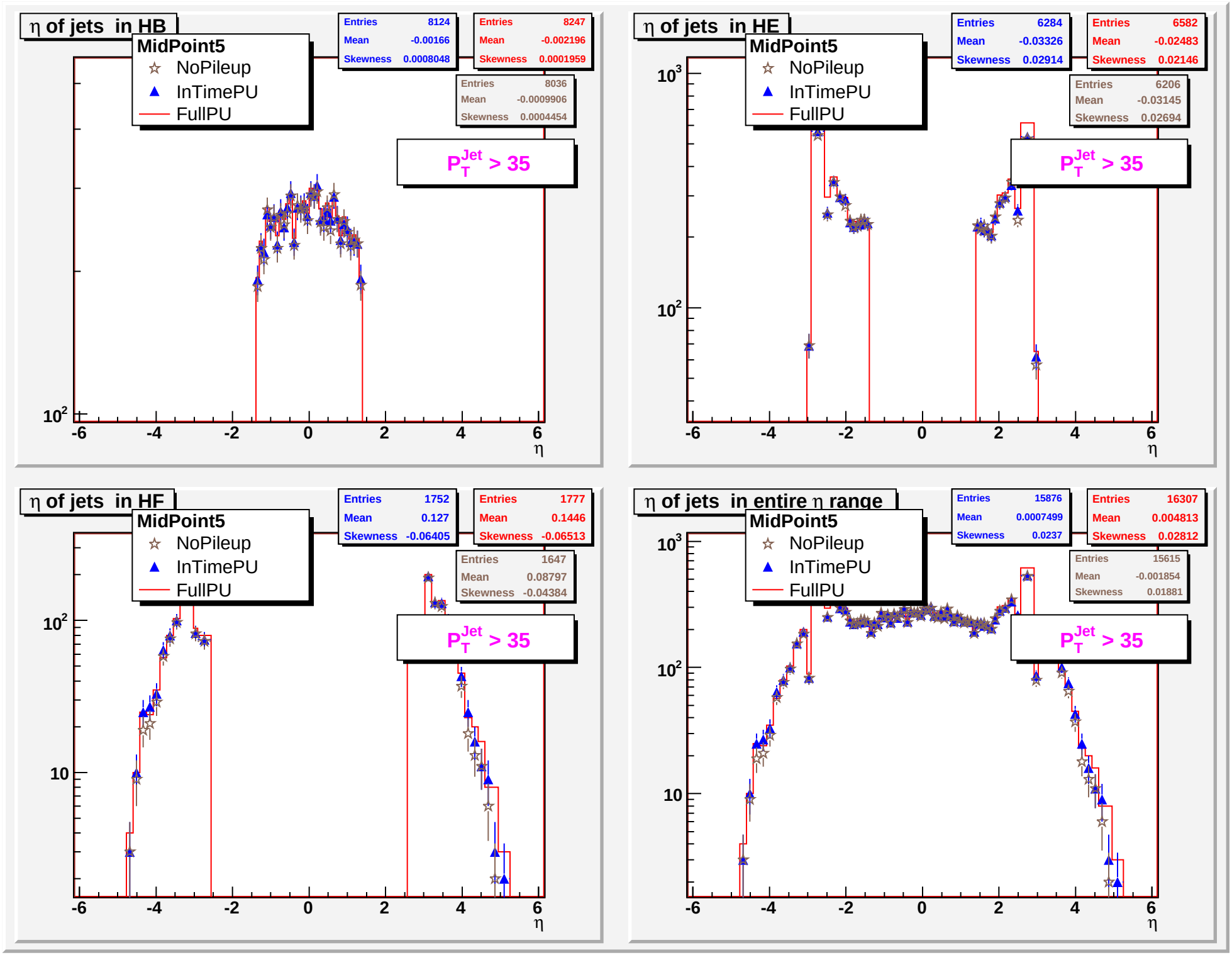

Δ R_max b/w jet & caloTower in HF
Entries 2782
Mean 0.4613
Skewness 1.022
Entries 2902
Mean 0.4671
Skewness 0.5594
Entries 1451
Mean 0.4356
Skewness 0.6035
15 < P_T^Jet < 35
SISCone5
NoPileup
InTimePU
FullPU
Δ R

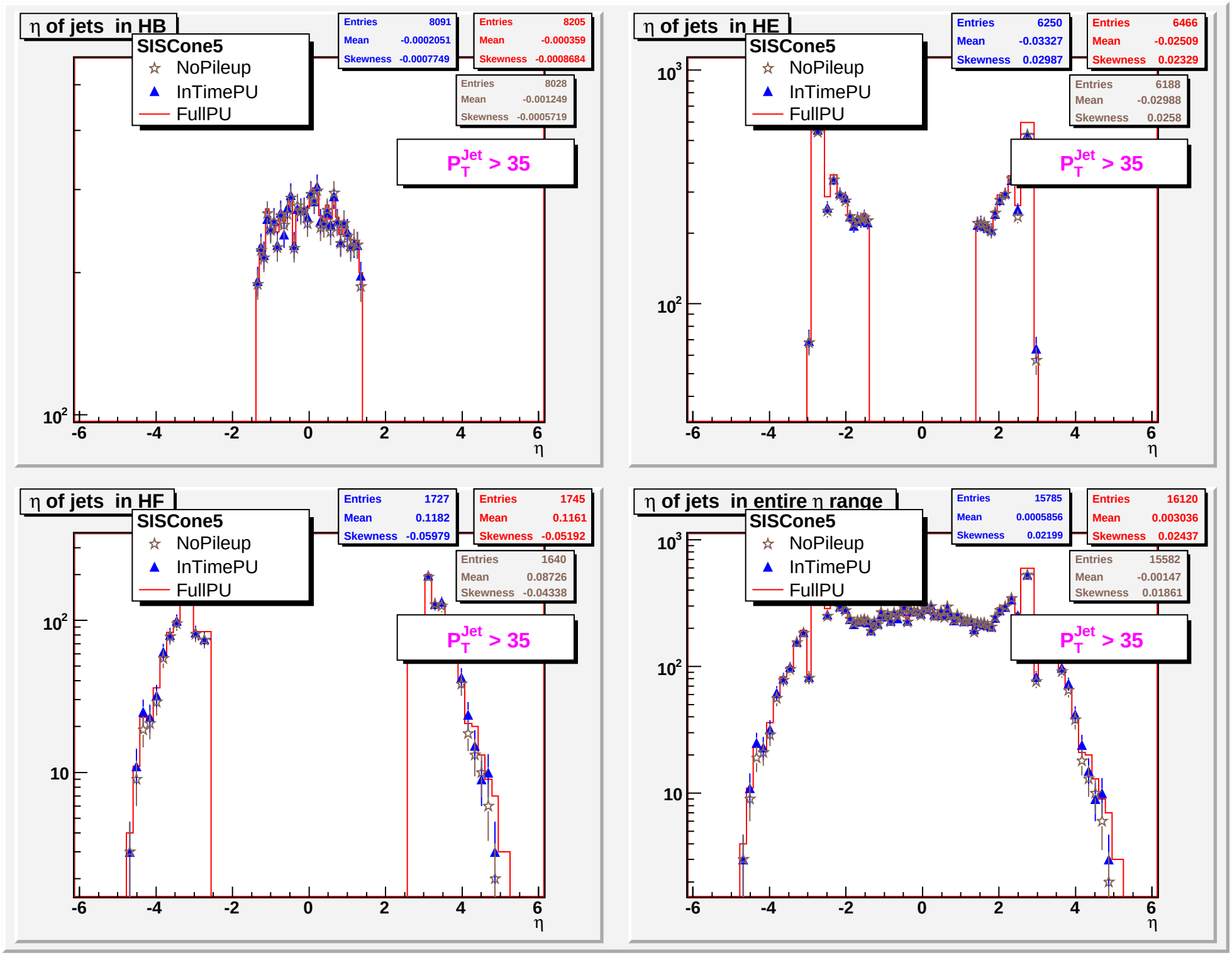

Σ P_T of all jets in HB
Entries 7000
Mean 94.86
Skewness 0.4104
Entries 7000
Mean 97.62
Skewness 0.361
Entries 7000
Mean 93.38
Skewness 0.421
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 80.22
Skewness 0.7208
Entries 7000
Mean 85.06
Skewness 0.639
Entries 7000
Mean 78.51
Skewness 0.7249
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 22.36
Skewness 1.965
Entries 7000
Mean 23.4
Skewness 1.954
Entries 7000
Mean 21.22
Skewness 2.001
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 193.8
Skewness 0.7934
Entries 7000
Mean 199.1
Skewness 0.3581
Entries 7000
Mean 189.6
Skewness 0.747
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

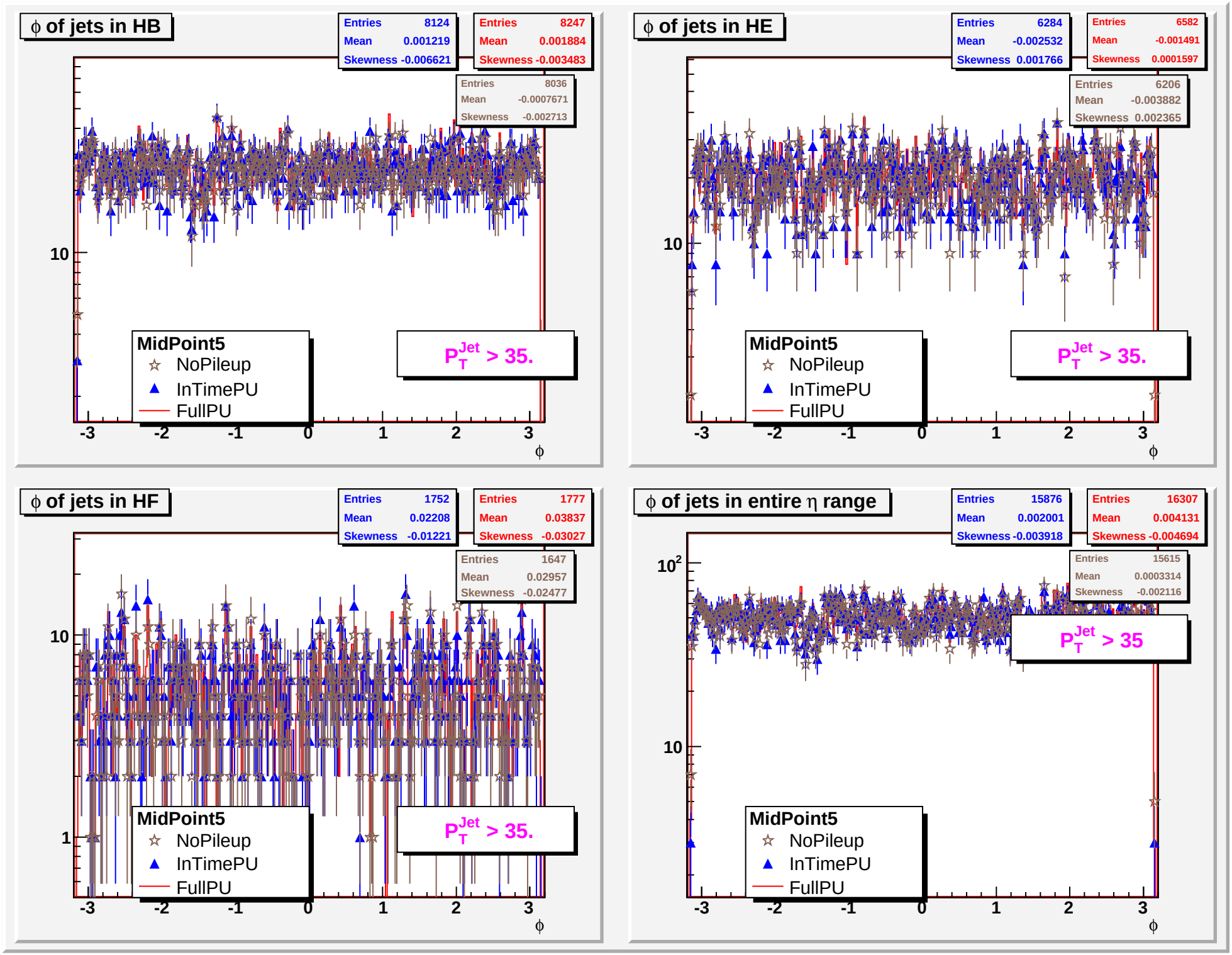

Σ P_T of all jets in HB
Entries 7000
Mean 94.27
Skewness 0.4232
Entries 7000
Mean 96.69
Skewness 0.3723
Entries 7000
Mean 93.08
Skewness 0.4252
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HE
Entries 7000
Mean 79.54
Skewness 0.7275
Entries 7000
Mean 83.36
Skewness 0.6353
Entries 7000
Mean 78.19
Skewness 0.7295
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in HF
Entries 7000
Mean 22.08
Skewness 1.974
Entries 7000
Mean 23.07
Skewness 1.962
Entries 7000
Mean 21.12
Skewness 2.008
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)
Σ P_T of all jets in entire η range
Entries 7000
Mean 192.3
Skewness 0.775
Entries 7000
Mean 196.4
Skewness 0.3654
Entries 7000
Mean 188.9
Skewness 0.7462
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
No. of Events
Σ P_T (in GeV)

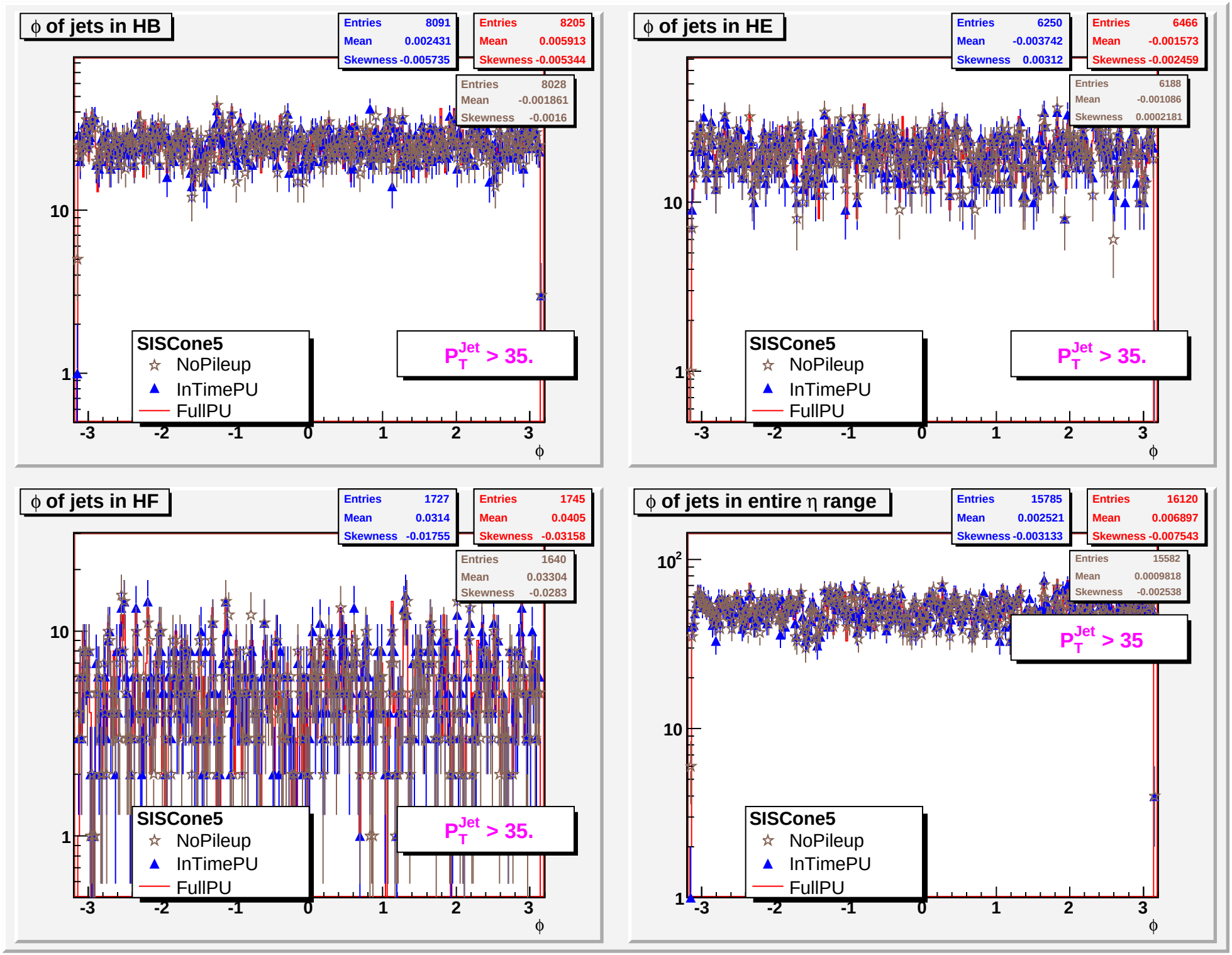

P_T of jets in HB
Entries 8124
Mean 81.73
Skewness 0.6911
Entries 8247
Mean 82.78
Skewness 0.6416
Entries 8036
Mean 81.34
Skewness 0.7041
P_T of jets in HE
Entries 6284
Mean 89.36
Skewness 0.3145
Entries 6582
Mean 90.4
Skewness 0.2817
Entries 6206
Mean 88.56
Skewness 0.3371
P_T of jets in HF
Entries 1752
Mean 89.34
Skewness 0.2295
Entries 1777
Mean 89.14
Skewness 0.222
Entries 1647
Mean 90.19
Skewness 0.1949
P_T of jets in entire η range
Entries 15876
Mean 85.46
Skewness 0.5076
Entries 16307
Mean 86.42
Skewness 0.4683
Entries 15615
Mean 85.01
Skewness 0.5211
No. of Jets
P_T (in GeV)
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU

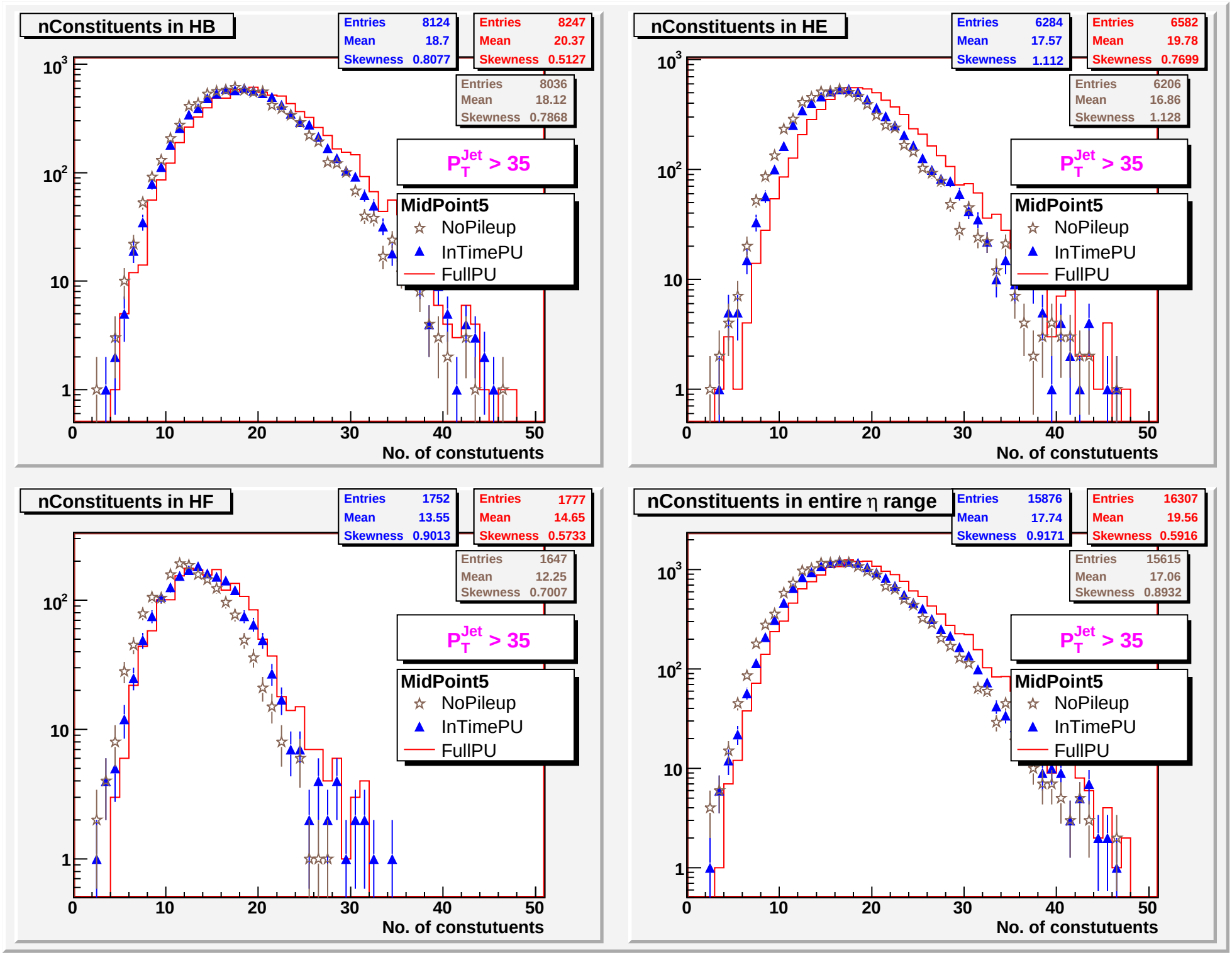

P_T of jets in HB
Entries 8091
Mean 81.55
Skewness 0.6949
Entries 8205
Mean 82.36
Skewness 0.6509
Entries 8028
Mean 81.16
Skewness 0.7044
P_T of jets in HE
Entries 6250
Mean 89.08
Skewness 0.3246
Entries 6466
Mean 90.23
Skewness 0.2915
Entries 6188
Mean 88.45
Skewness 0.3418
P_T of jets in HF
Entries 1727
Mean 89.48
Skewness 0.2241
Entries 1745
Mean 89.44
Skewness 0.216
Entries 1640
Mean 90.16
Skewness 0.1937
P_T of jets in entire η range
Entries 15785
Mean 85.27
Skewness 0.5138
Entries 16120
Mean 86.14
Skewness 0.4786
Entries 15582
Mean 84.87
Skewness 0.5235
No. of Jets
P_T (in GeV)
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU

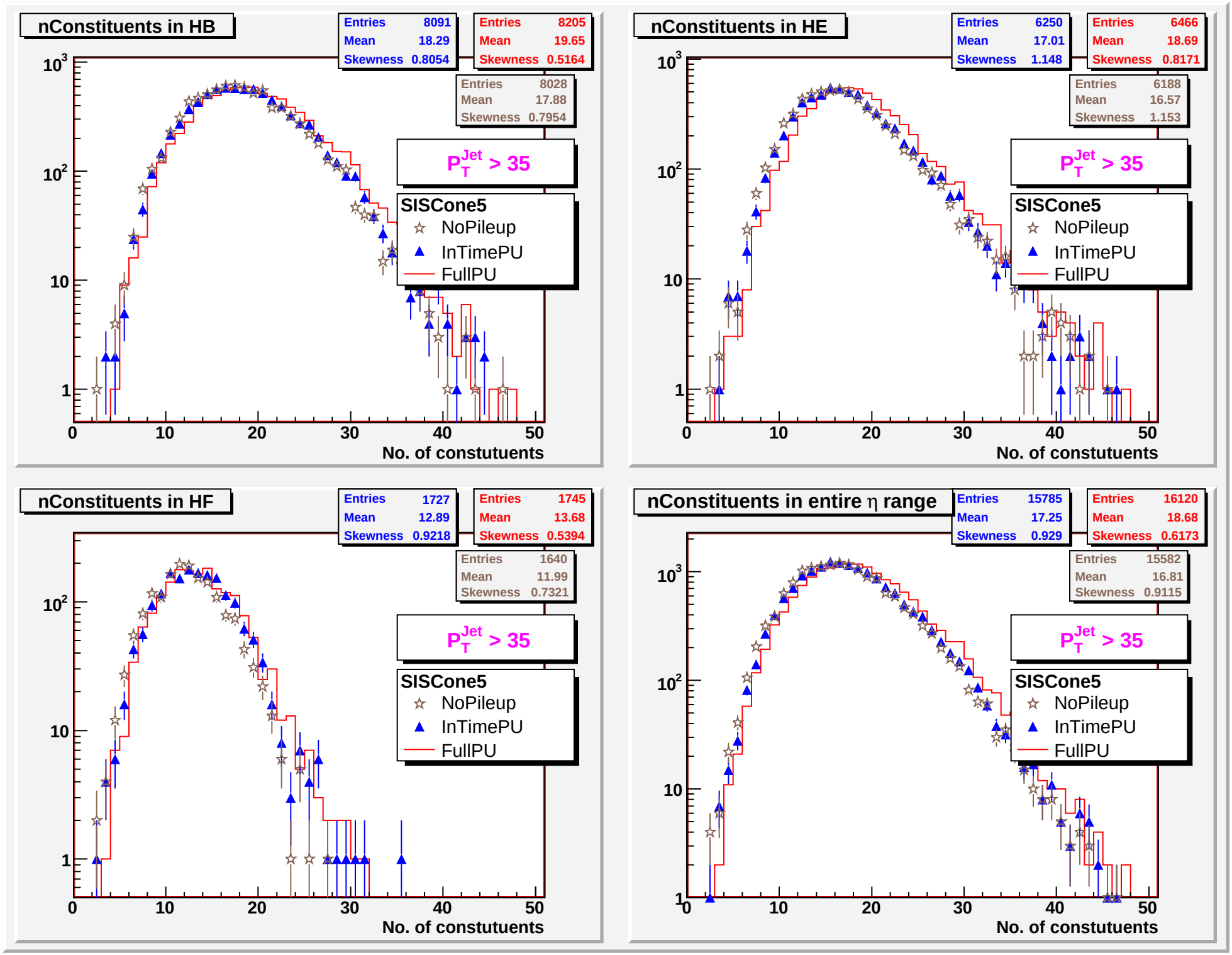

η of jets in HB
MidPoint5
NoPileup
InTimePU
FullPU
Entries 8124
Mean -0.00166
Skewness 0.0008048
Entries 8247
Mean -0.002196
Skewness 0.0001959
Entries 8036
Mean -0.0009906
Skewness 0.0004454
$P_T^{Jet} > 35$
η of jets in HE
MidPoint5
NoPileup
InTimePU
FullPU
Entries 6284
Mean -0.03326
Skewness 0.02914
Entries 6582
Mean -0.02483
Skewness 0.02146
Entries 6206
Mean -0.03145
Skewness 0.02694
$P_T^{Jet} > 35$
η of jets in HF
MidPoint5
NoPileup
InTimePU
FullPU
Entries 1752
Mean 0.127
Skewness -0.06405
Entries 1777
Mean 0.1446
Skewness -0.06513
Entries 1647
Mean 0.08797
Skewness -0.04384
$P_T^{Jet} > 35$
η of jets in entire η range
MidPoint5
NoPileup
InTimePU
FullPU
Entries 15876
Mean 0.0007499
Skewness 0.0237
Entries 16307
Mean 0.004813
Skewness 0.02812
Entries 15615
Mean -0.001854
Skewness 0.01881
$P_T^{Jet} > 35$
η

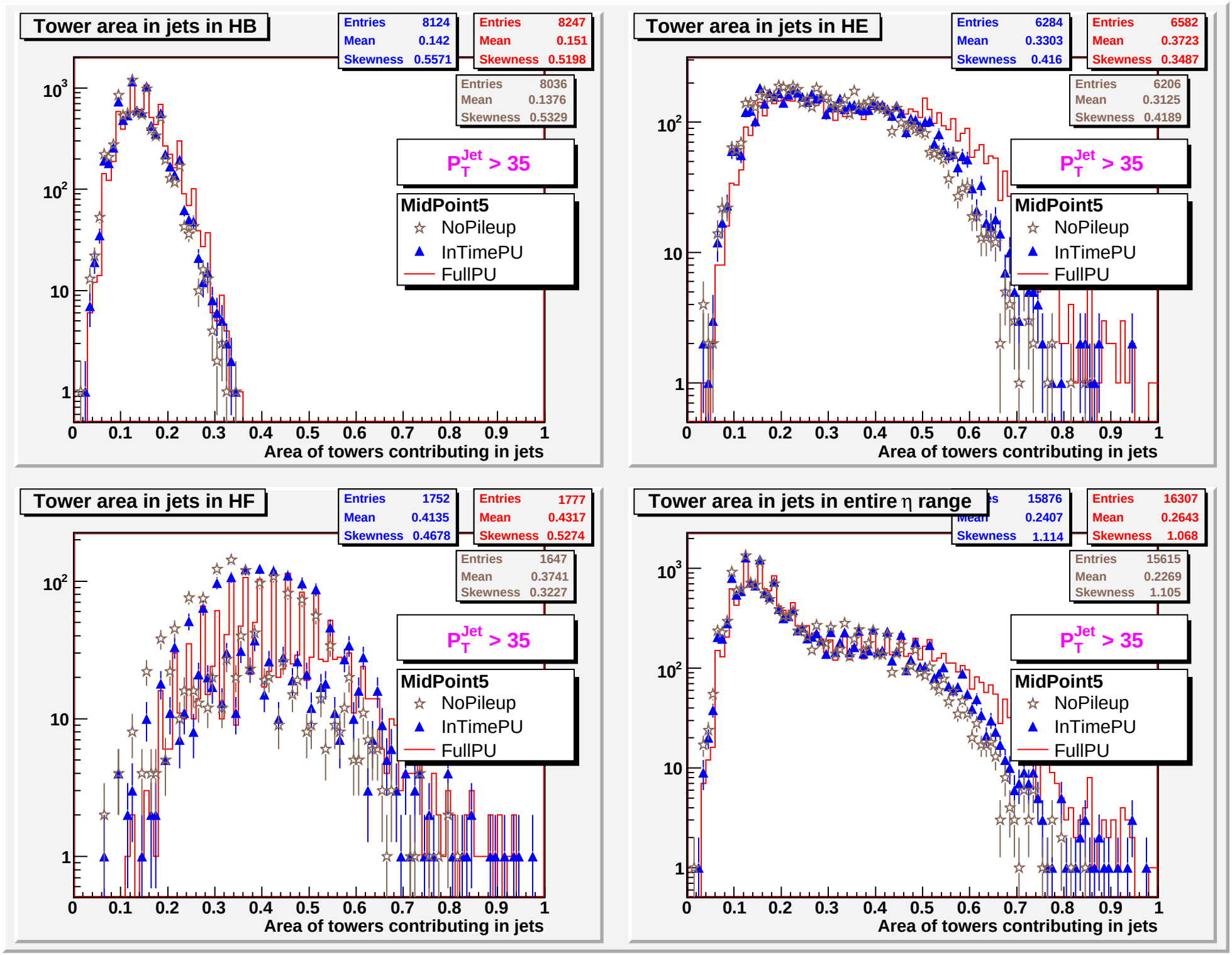

η of jets in HB
SISCone5
NoPileup
InTimePU
FullPU
Entries 8091
Mean -0.0002051
Skewness -0.0007749
Entries 8205
Mean -0.000359
Skewness -0.0008684
Entries 8028
Mean -0.001249
Skewness -0.0005719
$P_T^{Jet} > 35$
η of jets in HE
SISCone5
NoPileup
InTimePU
FullPU
Entries 6250
Mean -0.03327
Skewness 0.02987
Entries 6466
Mean -0.02509
Skewness 0.02329
Entries 6188
Mean -0.02988
Skewness 0.0258
$P_T^{Jet} > 35$
η of jets in HF
SISCone5
NoPileup
InTimePU
FullPU
Entries 1727
Mean 0.1182
Skewness -0.05979
Entries 1745
Mean 0.1161
Skewness -0.05192
Entries 1640
Mean 0.08726
Skewness -0.04338
$P_T^{Jet} > 35$
η of jets in entire η range
SISCone5
NoPileup
InTimePU
FullPU
Entries 15785
Mean 0.0005856
Skewness 0.02199
Entries 16120
Mean 0.003036
Skewness 0.02437
Entries 15582
Mean -0.00147
Skewness 0.01861
$P_T^{Jet} > 35$
η

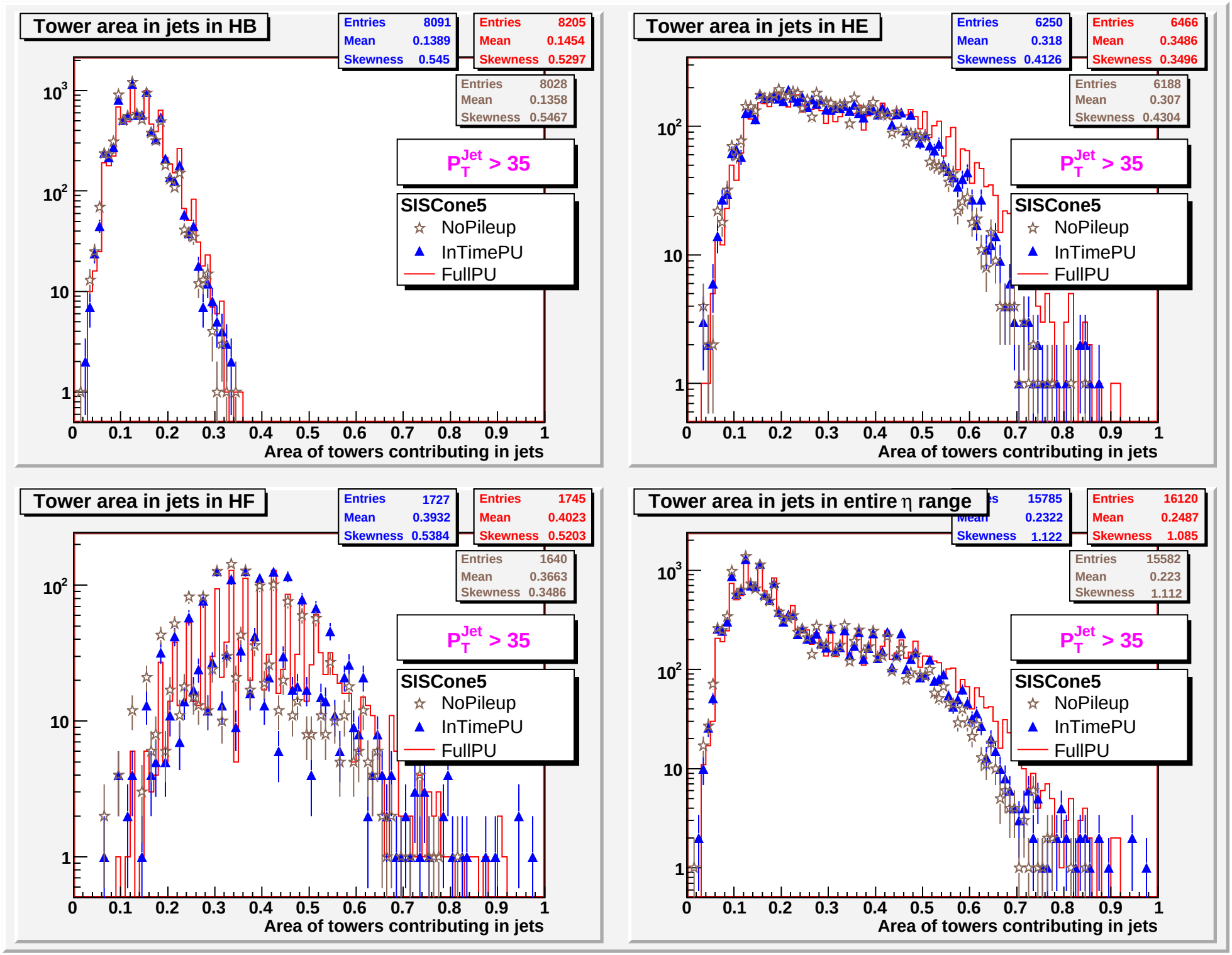

ϕ of jets in HB
Entries 8124
Mean 0.001219
Skewness -0.006621
Entries 8247
Mean 0.001884
Skewness -0.003483
Entries 8036
Mean -0.0007671
Skewness -0.002713
MidPoint5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35.$
ϕ of jets in HE
Entries 6284
Mean -0.002532
Skewness 0.001766
Entries 6582
Mean -0.001491
Skewness 0.0001597
Entries 6206
Mean -0.003882
Skewness 0.002365
MidPoint5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35.$
ϕ of jets in HF
Entries 1752
Mean 0.02208
Skewness -0.01221
Entries 1777
Mean 0.03837
Skewness -0.03027
Entries 1647
Mean 0.02957
Skewness -0.02477
MidPoint5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35.$
ϕ of jets in entire η range
Entries 15876
Mean 0.002001
Skewness -0.003918
Entries 16307
Mean 0.004131
Skewness -0.004694
Entries 15615
Mean 0.0003314
Skewness -0.002116
MidPoint5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35$
ϕ

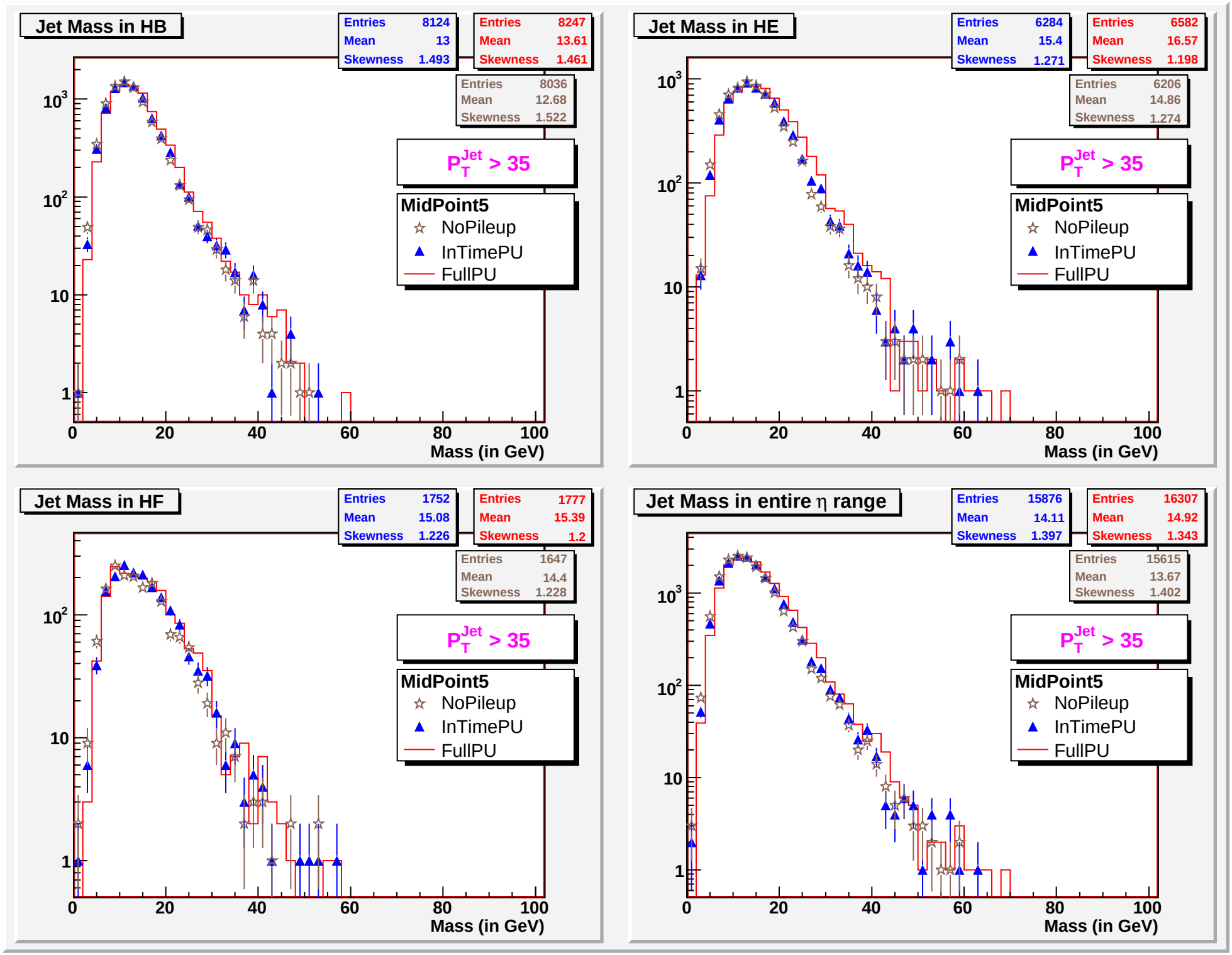

ϕ of jets in HB
Entries 8091
Mean 0.002431
Skewness -0.005735
Entries 8205
Mean 0.005913
Skewness -0.005344
Entries 8028
Mean -0.001861
Skewness -0.0016
SISCone5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35.$
ϕ of jets in HE
Entries 6250
Mean -0.003742
Skewness 0.00312
Entries 6466
Mean -0.001573
Skewness -0.002459
Entries 6188
Mean -0.001086
Skewness 0.0002181
SISCone5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35.$
ϕ of jets in HF
Entries 1727
Mean 0.0314
Skewness -0.01755
Entries 1745
Mean 0.0405
Skewness -0.03158
Entries 1640
Mean 0.03304
Skewness -0.0283
SISCone5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35.$
ϕ of jets in entire η range
Entries 15785
Mean 0.002521
Skewness -0.003133
Entries 16120
Mean 0.006897
Skewness -0.007543
Entries 15582
Mean 0.0009818
Skewness -0.002538
SISCone5
NoPileup
InTimePU
FullPU
$P_T^{Jet} > 35$
ϕ

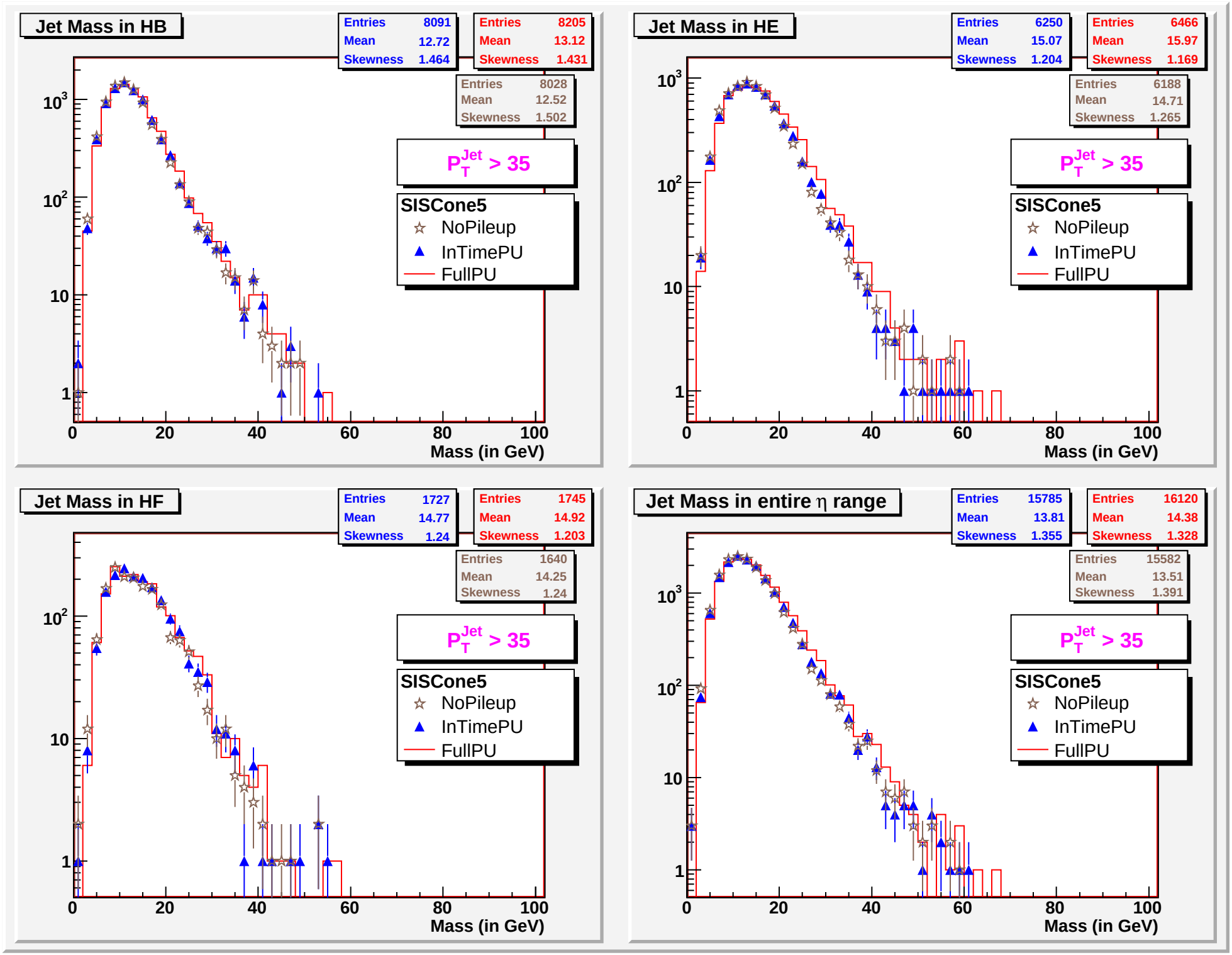

nConstituents in HB
Entries 8124
Mean 18.7
Skewness 0.8077
Entries 8247
Mean 20.37
Skewness 0.5127
Entries 8036
Mean 18.12
Skewness 0.7868
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 6284
Mean 17.57
Skewness 1.112
Entries 6582
Mean 19.78
Skewness 0.7699
Entries 6206
Mean 16.86
Skewness 1.128
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 1752
Mean 13.55
Skewness 0.9013
Entries 1777
Mean 14.65
Skewness 0.5733
Entries 1647
Mean 12.25
Skewness 0.7007
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 15876
Mean 17.74
Skewness 0.9171
Entries 16307
Mean 19.56
Skewness 0.5916
Entries 15615
Mean 17.06
Skewness 0.8932
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of constutuents

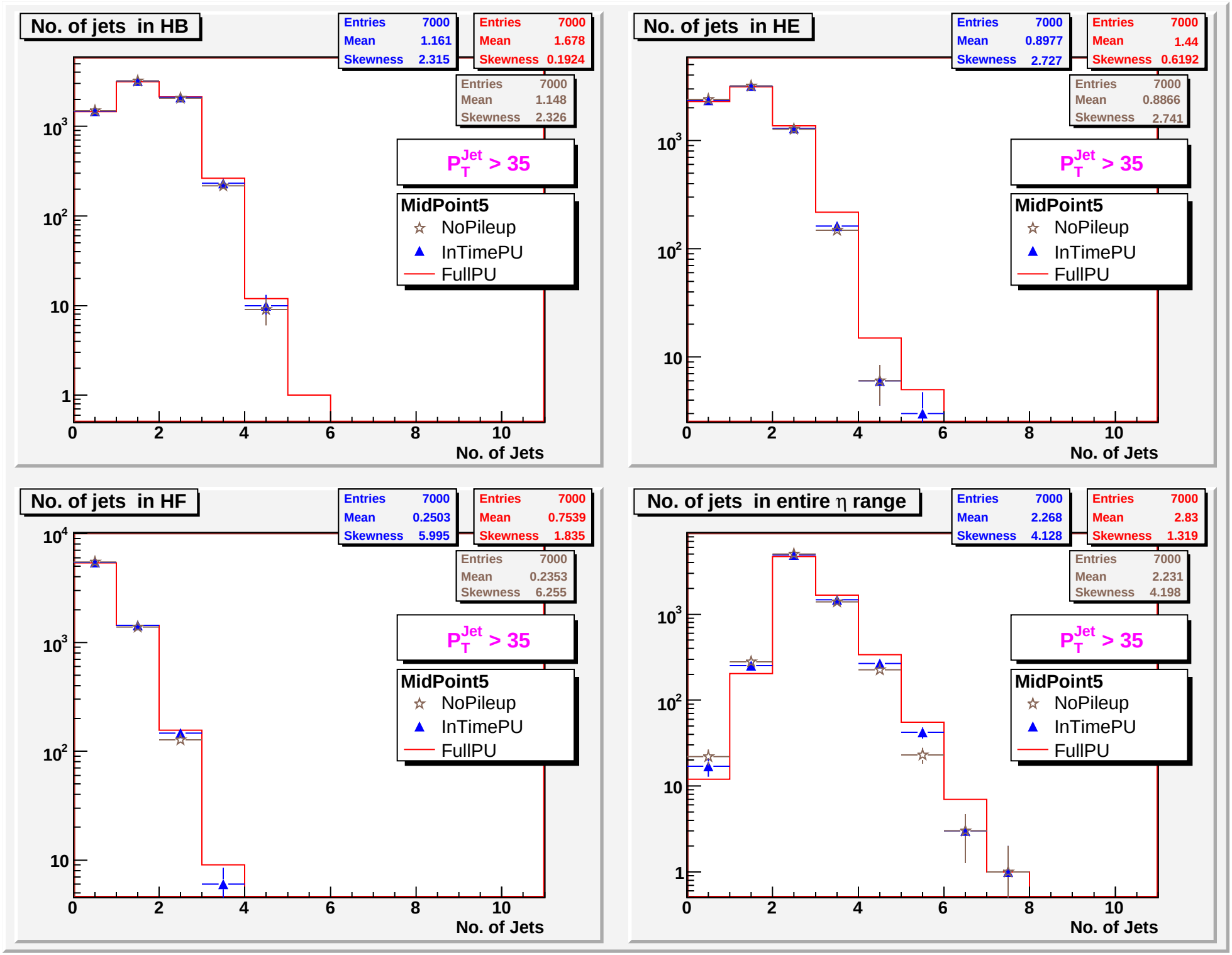

nConstituents in HB
Entries 8091
Mean 18.29
Skewness 0.8054
Entries 8205
Mean 19.65
Skewness 0.5164
Entries 8028
Mean 17.88
Skewness 0.7954
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HE
Entries 6250
Mean 17.01
Skewness 1.148
Entries 6466
Mean 18.69
Skewness 0.8171
Entries 6188
Mean 16.57
Skewness 1.153
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in HF
Entries 1727
Mean 12.89
Skewness 0.9218
Entries 1745
Mean 13.68
Skewness 0.5394
Entries 1640
Mean 11.99
Skewness 0.7321
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents
nConstituents in entire η range
Entries 15785
Mean 17.25
Skewness 0.929
Entries 16120
Mean 18.68
Skewness 0.6173
Entries 15582
Mean 16.81
Skewness 0.9115
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of constutuents

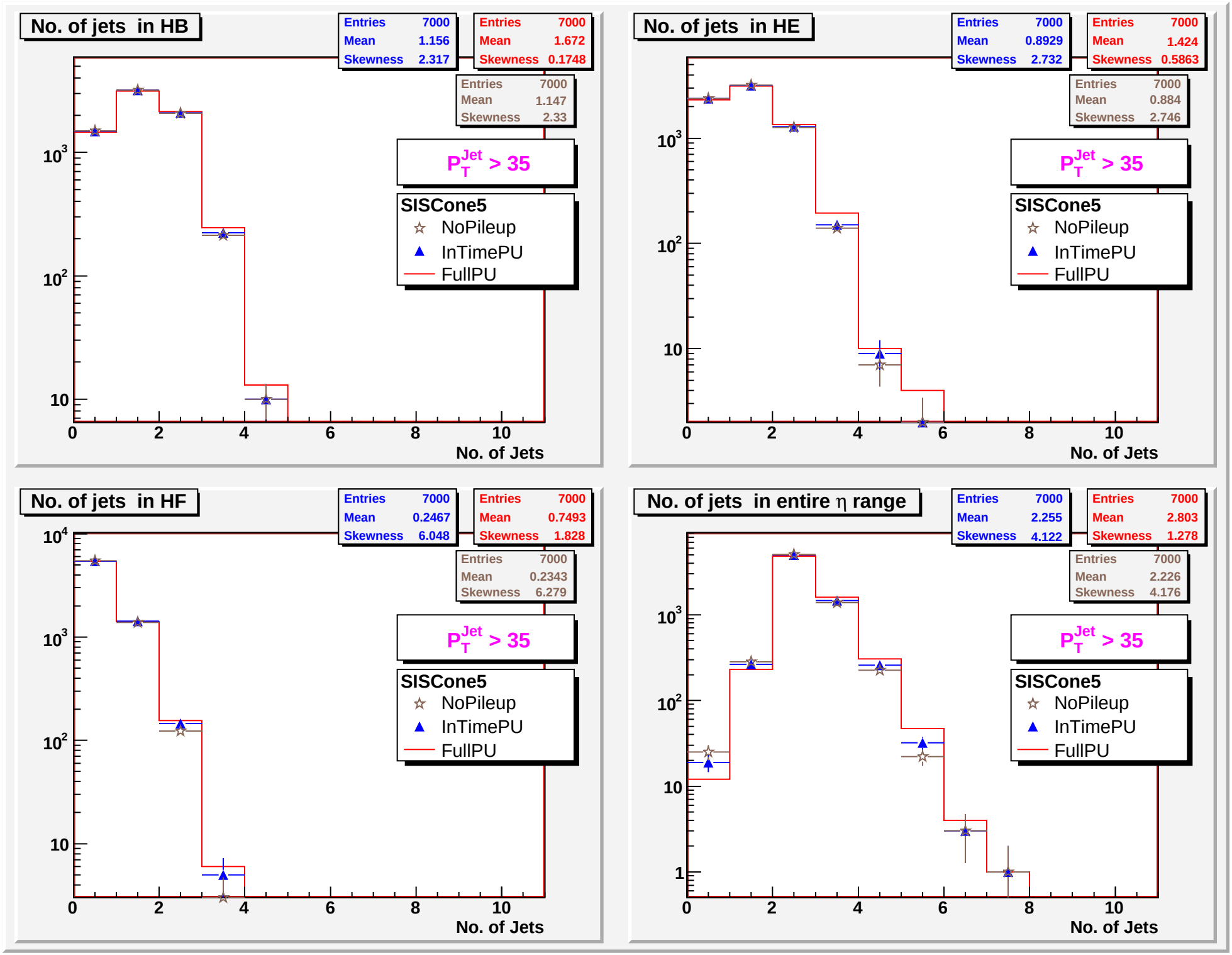

Tower area in jets in HB
Entries 8124
Mean 0.142
Skewness 0.5571
Entries 8247
Mean 0.151
Skewness 0.5198
Entries 8036
Mean 0.1376
Skewness 0.5329
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 6284
Mean 0.3303
Skewness 0.416
Entries 6582
Mean 0.3723
Skewness 0.3487
Entries 6206
Mean 0.3125
Skewness 0.4189
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 1752
Mean 0.4135
Skewness 0.4678
Entries 1777
Mean 0.4317
Skewness 0.5274
Entries 1647
Mean 0.3741
Skewness 0.3227
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
Skewness 1.114
Entries 16307
Mean 0.2643
Skewness 1.068
Entries 15615
Mean 0.2269
Skewness 1.105
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

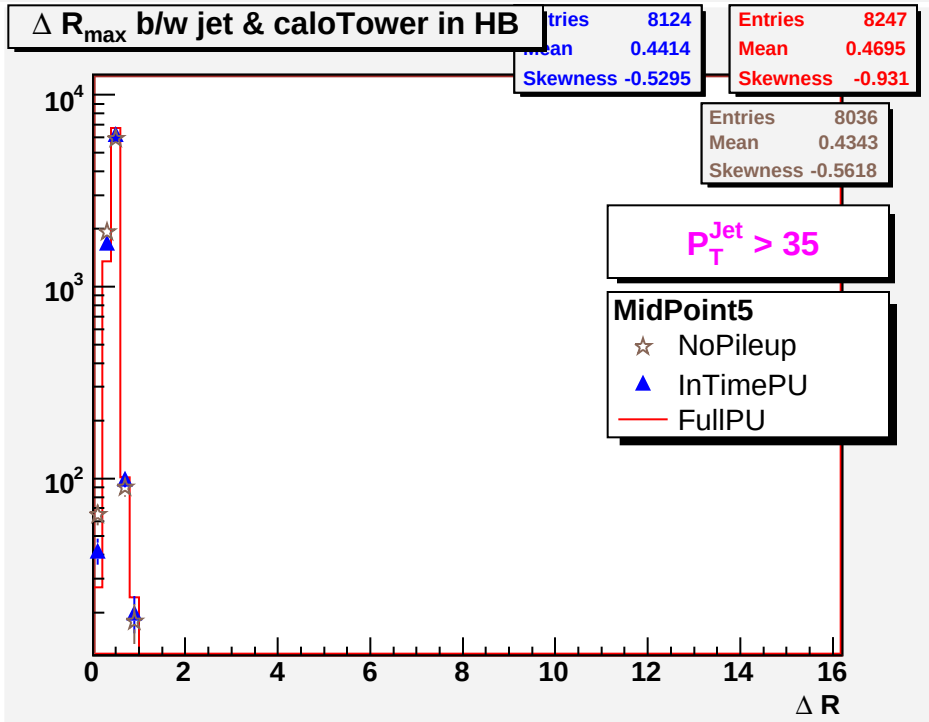

Tower area in jets in HB
Entries 8091
Mean 0.1389
Skewness 0.545
Entries 8205
Mean 0.1454
Skewness 0.5297
Entries 8028
Mean 0.1358
Skewness 0.5467
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HE
Entries 6250
Mean 0.318
Skewness 0.4126
Entries 6466
Mean 0.3486
Skewness 0.3496
Entries 6188
Mean 0.307
Skewness 0.4304
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in HF
Entries 1727
Mean 0.3932
Skewness 0.5384
Entries 1745
Mean 0.4023
Skewness 0.5203
Entries 1640
Mean 0.3663
Skewness 0.3486
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets
Tower area in jets in entire η range
Entries 15785
Mean 0.2322
Skewness 1.122
Entries 16120
Mean 0.2487
Skewness 1.085
Entries 15582
Mean 0.223
Skewness 1.112
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Area of towers contributing in jets

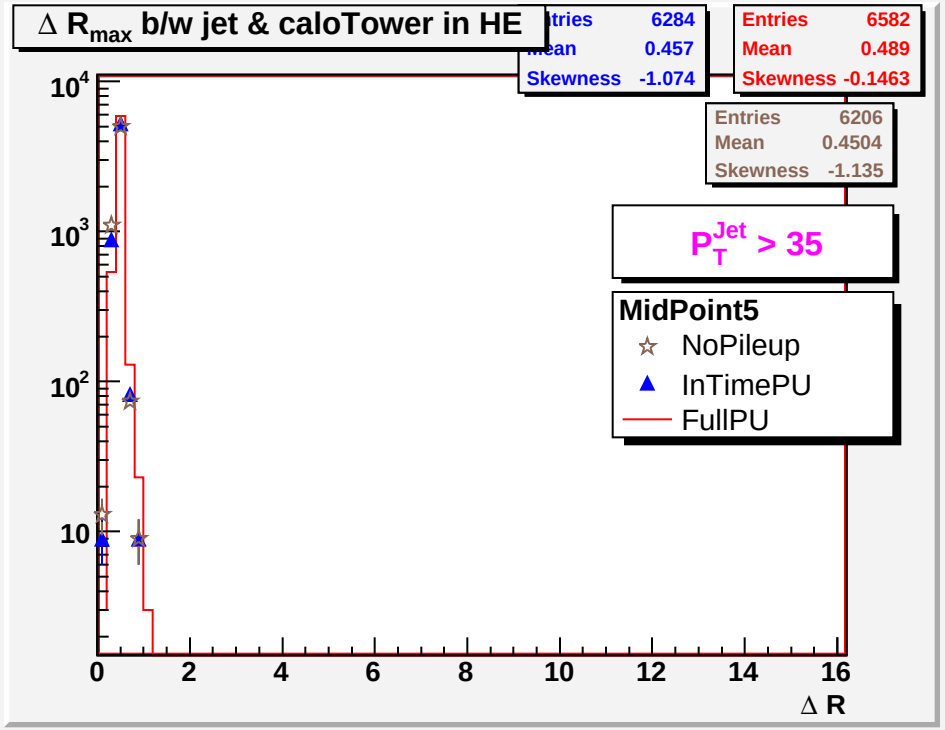

Jet Mass in HB
Entries 8124
Mean 13
Skewness 1.493
Entries 8247
Mean 13.61
Skewness 1.461
Entries 8036
Mean 12.68
Skewness 1.522
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 6284
Mean 15.4
Skewness 1.271
Entries 6582
Mean 16.57
Skewness 1.198
Entries 6206
Mean 14.86
Skewness 1.274
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 1752
Mean 15.08
Skewness 1.226
Entries 1777
Mean 15.39
Skewness 1.2
Entries 1647
Mean 14.4
Skewness 1.228
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 15876
Mean 14.11
Skewness 1.397
Entries 16307
Mean 14.92
Skewness 1.343
Entries 15615
Mean 13.67
Skewness 1.402
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
Mass (in GeV)

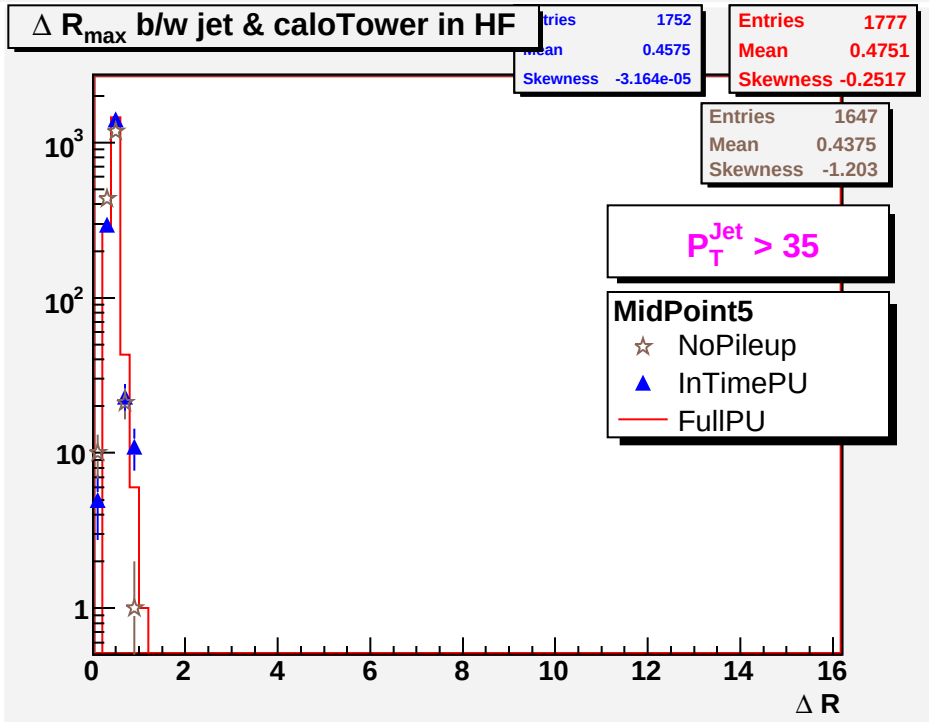

Jet Mass in HB
Entries 8091
Mean 12.72
Skewness 1.464
Entries 8205
Mean 13.12
Skewness 1.431
Entries 8028
Mean 12.52
Skewness 1.502
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HE
Entries 6250
Mean 15.07
Skewness 1.204
Entries 6466
Mean 15.97
Skewness 1.169
Entries 6188
Mean 14.71
Skewness 1.265
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in HF
Entries 1727
Mean 14.77
Skewness 1.24
Entries 1745
Mean 14.92
Skewness 1.203
Entries 1640
Mean 14.25
Skewness 1.24
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)
Jet Mass in entire η range
Entries 15785
Mean 13.81
Skewness 1.355
Entries 16120
Mean 14.38
Skewness 1.328
Entries 15582
Mean 13.51
Skewness 1.391
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
Mass (in GeV)

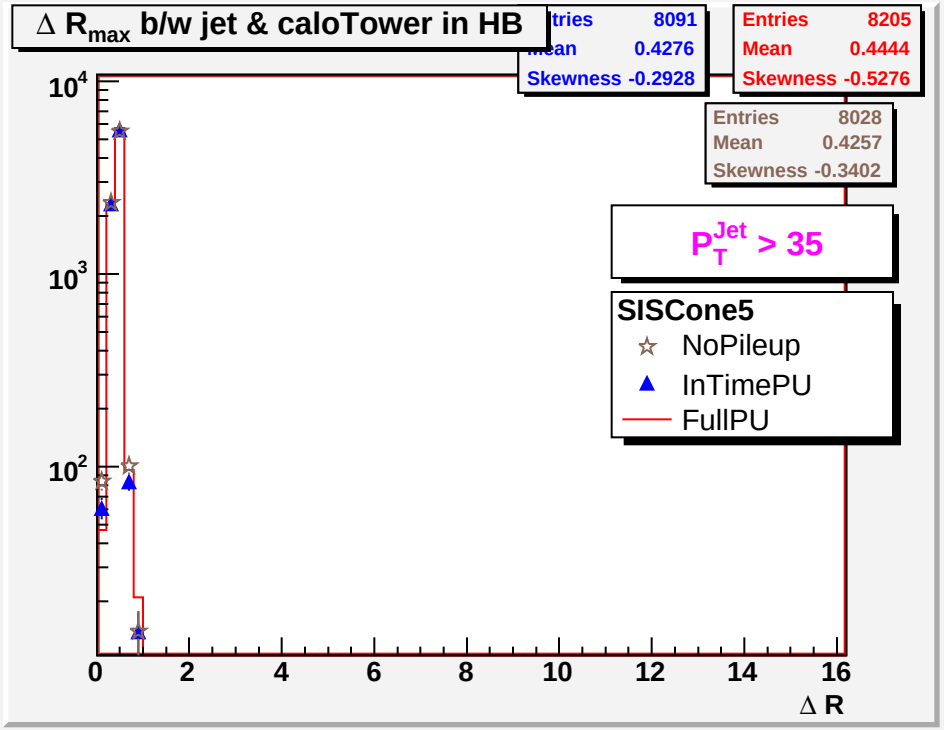

No. of jets in HB
Entries 7000
Mean 1.161
Skewness 2.315
Entries 7000
Mean 1.678
Skewness 0.1924
Entries 7000
Mean 1.148
Skewness 2.326
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 0.8977
Skewness 2.727
Entries 7000
Mean 1.44
Skewness 0.6192
Entries 7000
Mean 0.8866
Skewness 2.741
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 0.2503
Skewness 5.995
Entries 7000
Mean 0.7539
Skewness 1.835
Entries 7000
Mean 0.2353
Skewness 6.255
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 2.268
Skewness 4.128
Entries 7000
Mean 2.83
Skewness 1.319
Entries 7000
Mean 2.231
Skewness 4.198
$P_T^{Jet} > 35$
MidPoint5
NoPileup
InTimePU
FullPU
No. of Jets

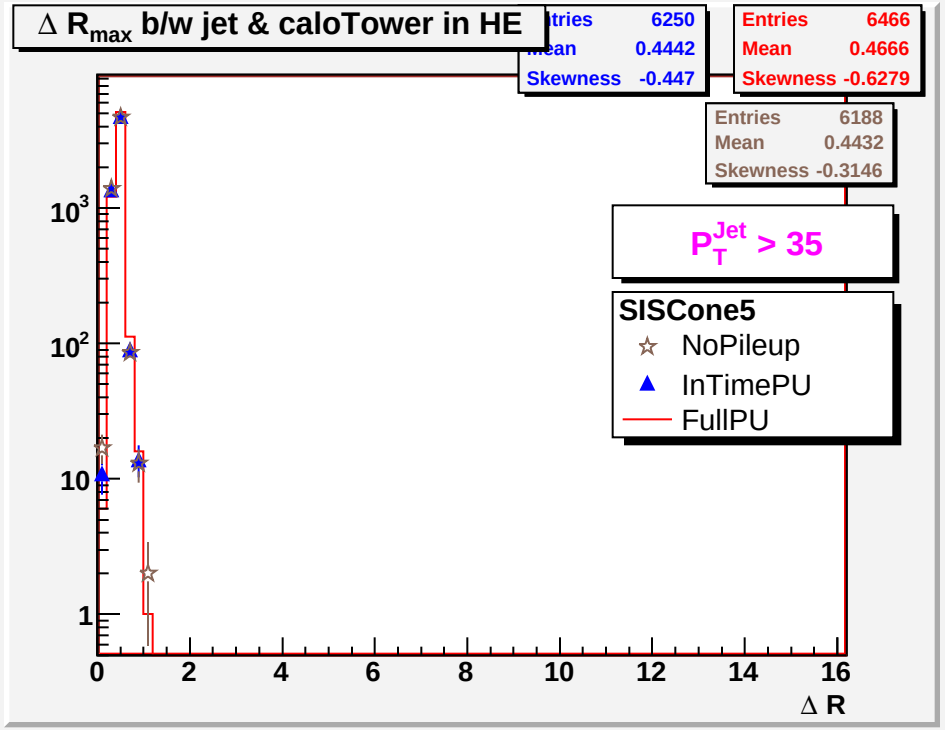

No. of jets in HB
Entries 7000
Mean 1.156
Skewness 2.317
Entries 7000
Mean 1.672
Skewness 0.1748
Entries 7000
Mean 1.147
Skewness 2.33
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HE
Entries 7000
Mean 0.8929
Skewness 2.732
Entries 7000
Mean 1.424
Skewness 0.5863
Entries 7000
Mean 0.884
Skewness 2.746
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in HF
Entries 7000
Mean 0.2467
Skewness 6.048
Entries 7000
Mean 0.7493
Skewness 1.828
Entries 7000
Mean 0.2343
Skewness 6.279
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets
No. of jets in entire η range
Entries 7000
Mean 2.255
Skewness 4.122
Entries 7000
Mean 2.803
Skewness 1.278
Entries 7000
Mean 2.226
Skewness 4.176
$P_T^{Jet} > 35$
SISCone5
NoPileup
InTimePU
FullPU
No. of Jets

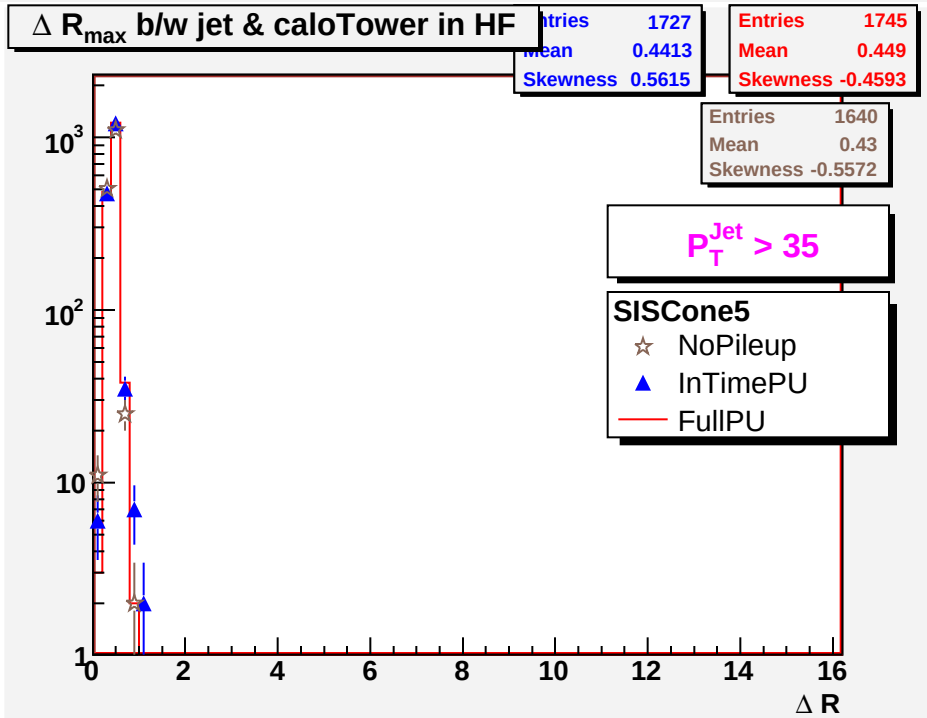

Δ R_max b/w jet & caloTower in HB
Entries 8124
Mean 0.4414
Skewness -0.5295
Entries 8247
Mean 0.4695
Skewness -0.931
Entries 8036
Mean 0.4343
Skewness -0.5618
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

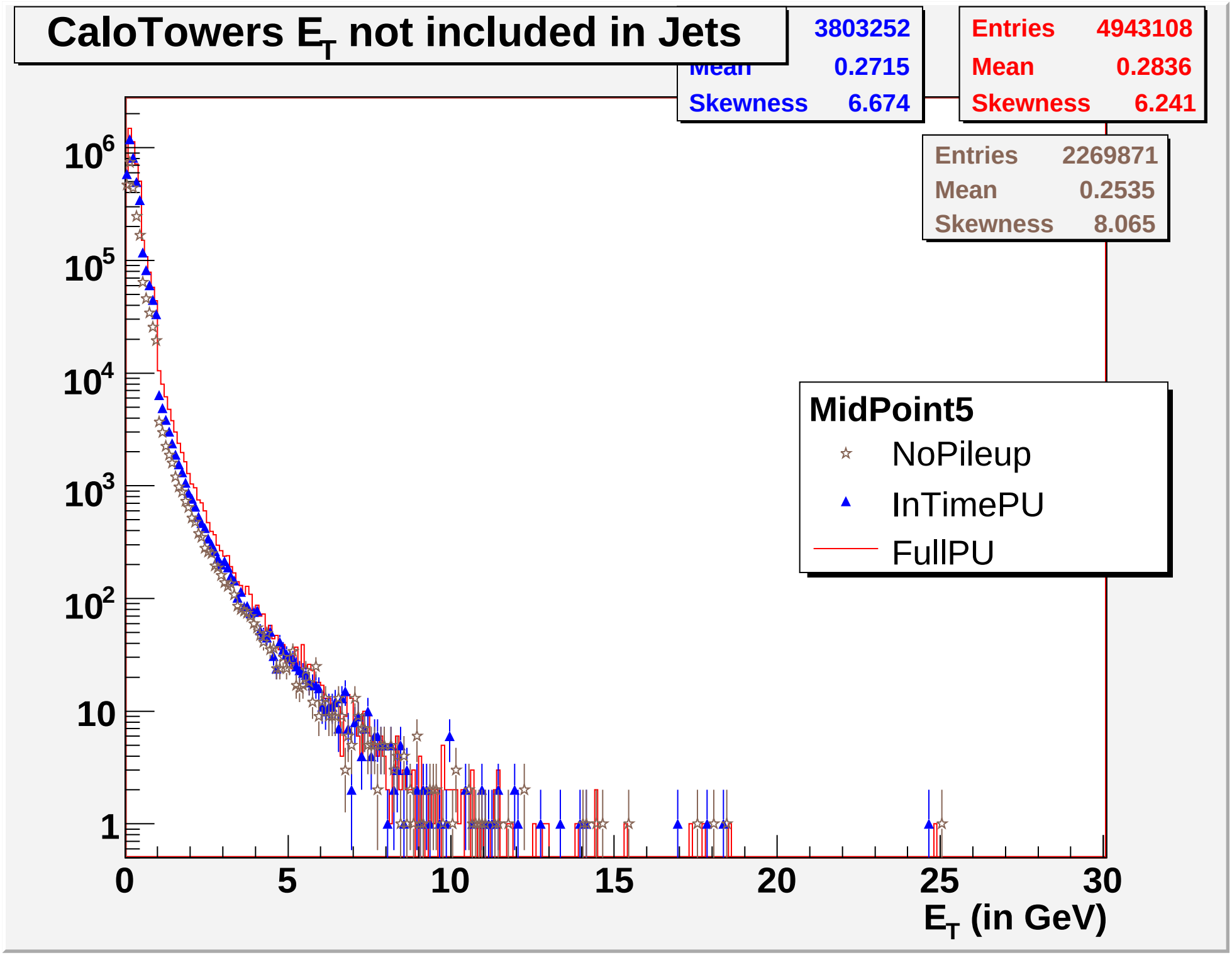

Δ R_max b/w jet & caloTower in HE
Entries 6284
Mean 0.457
Skewness -1.074
Entries 6582
Mean 0.489
Skewness -0.1463
Entries 6206
Mean 0.4504
Skewness -1.135
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

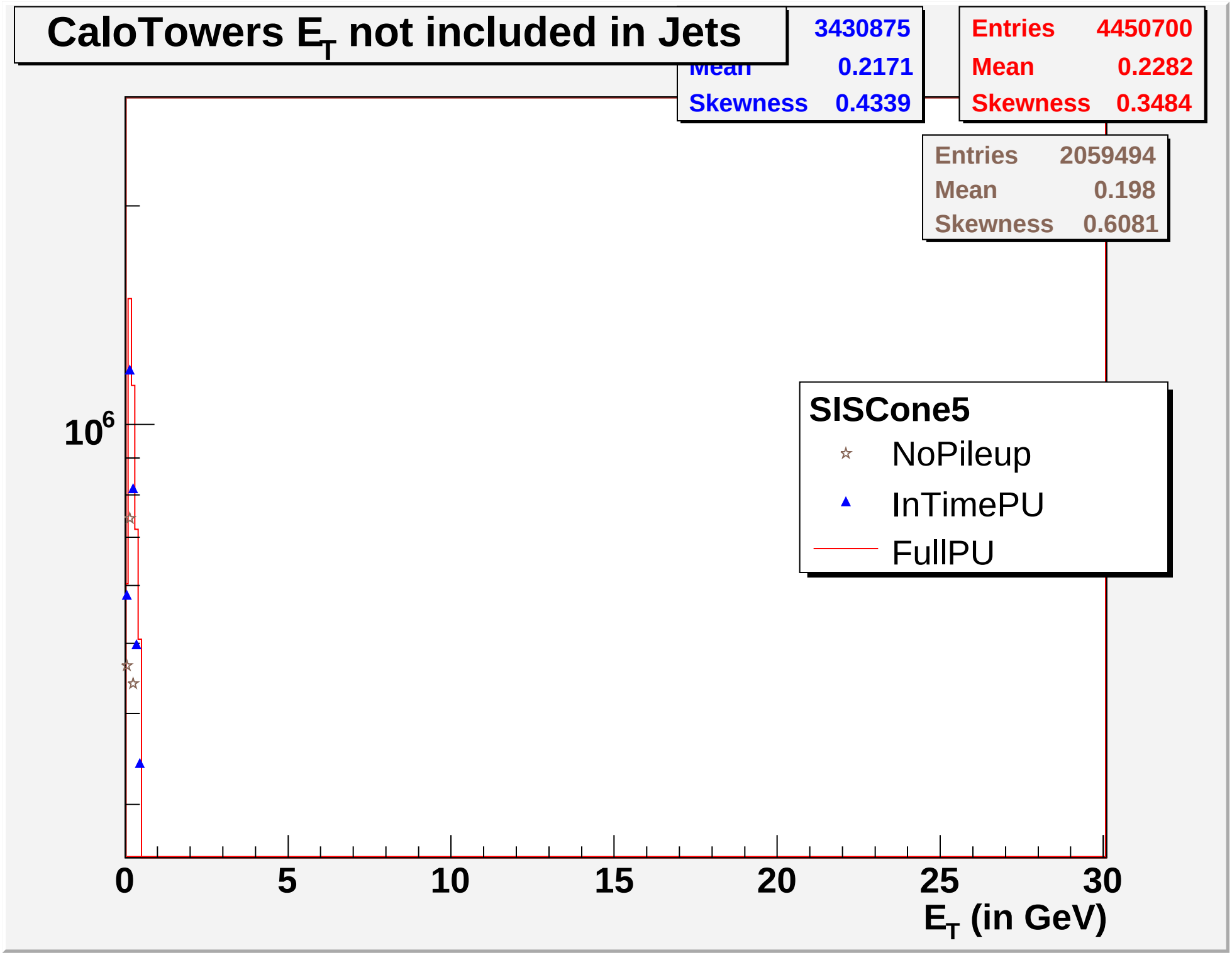

Δ R_max b/w jet & caloTower in HF
Entries 1752
Mean 0.4575
Skewness -3.164e-05
Entries 1777
Mean 0.4751
Skewness -0.2517
Entries 1647
Mean 0.4375
Skewness -1.203
P_T^Jet > 35
MidPoint5
NoPileup
InTimePU
FullPU
Δ R

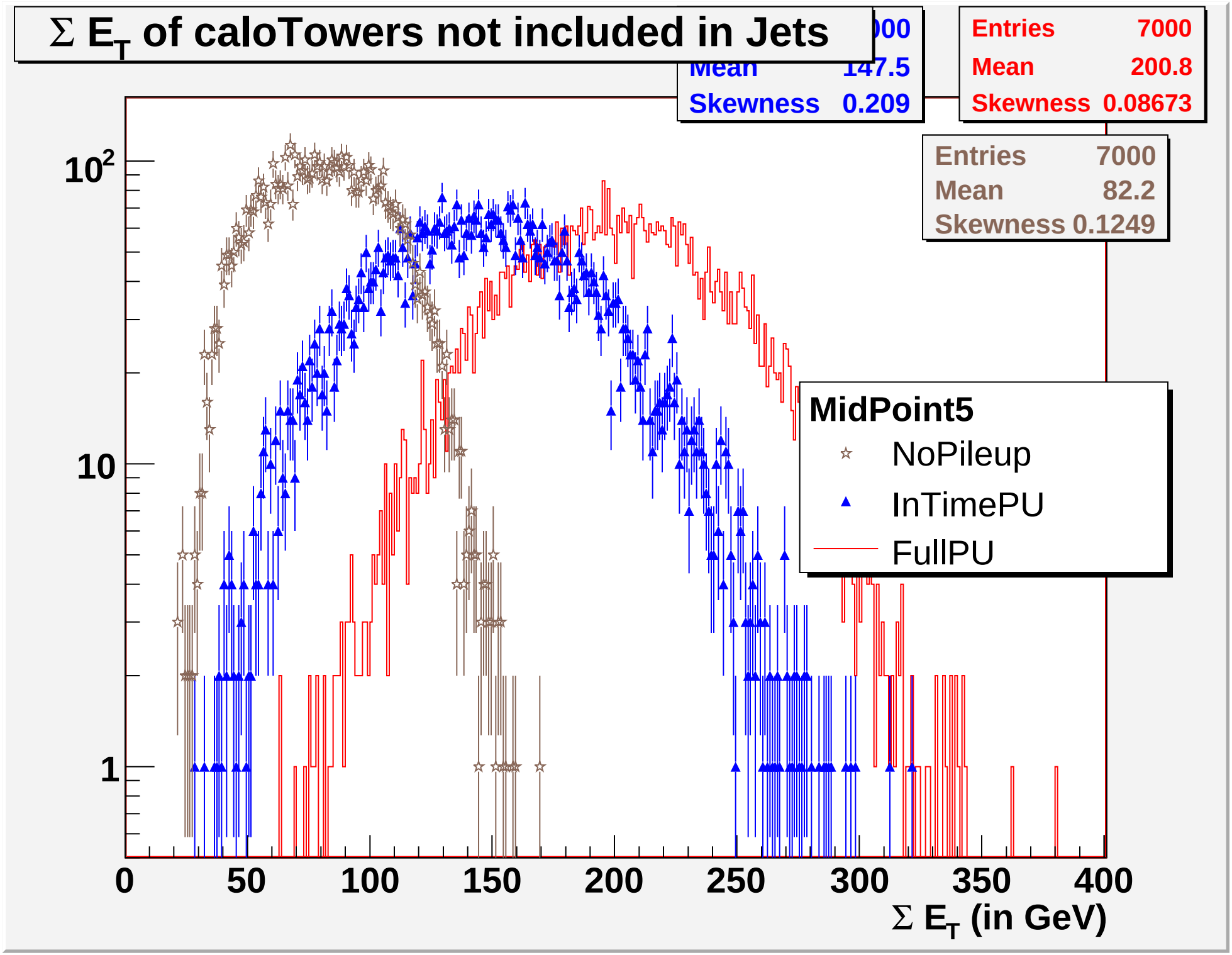

Δ R_max b/w jet & caloTower in HB
Entries 8091
Mean 0.4276
Skewness -0.2928
Entries 8205
Mean 0.4444
Skewness -0.5276
Entries 8028
Mean 0.4257
Skewness -0.3402
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
Δ R

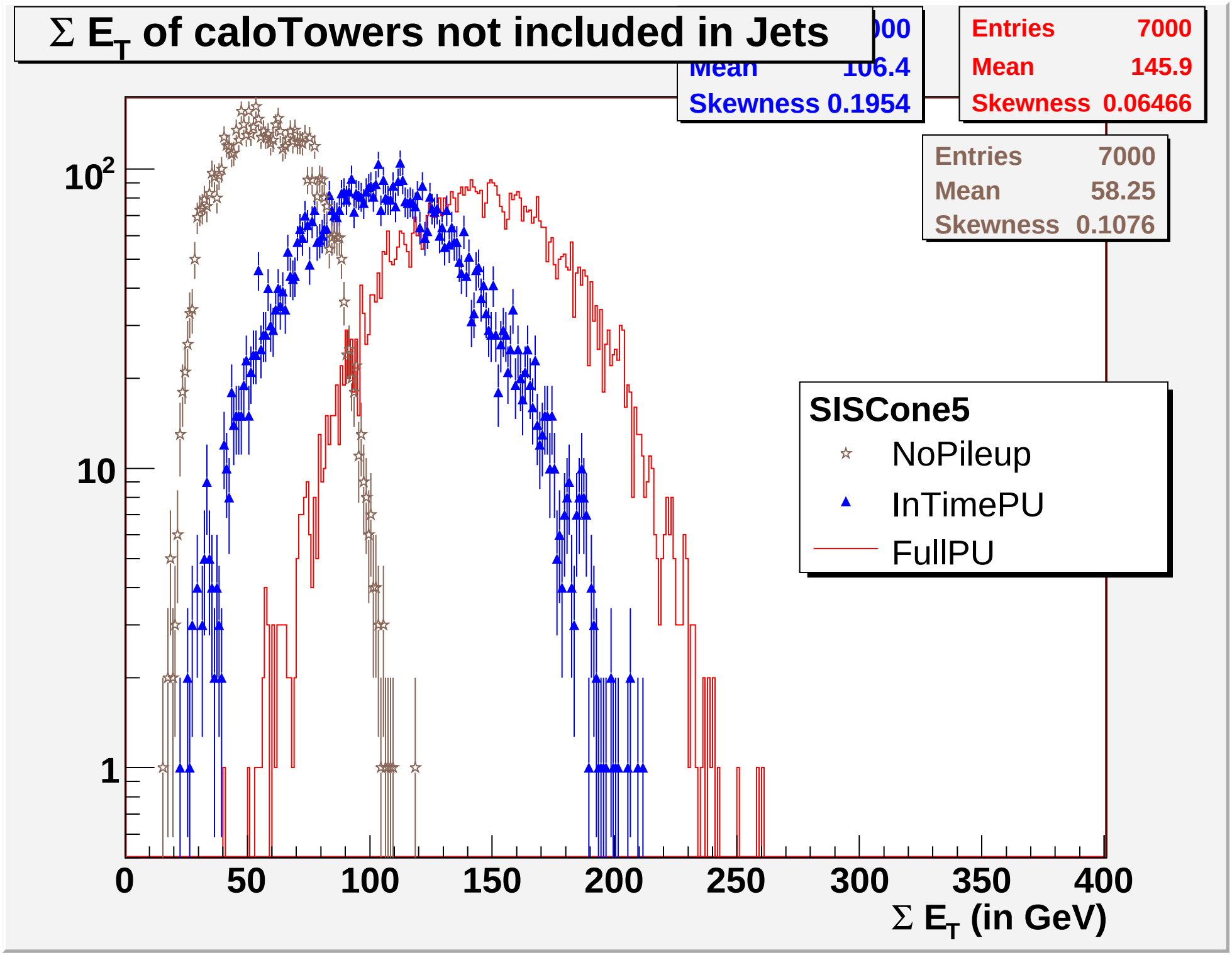

Δ R_max b/w jet & caloTower in HE
Entries 6250
Mean 0.4442
Skewness -0.447
Entries 6466
Mean 0.4666
Skewness -0.6279
Entries 6188
Mean 0.4432
Skewness -0.3146
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
Δ R


Δ R_max b/w jet & caloTower in HF
Entries 1727
Mean 0.4413
Skewness 0.5615
Entries 1745
Mean 0.449
Skewness -0.4593
Entries 1640
Mean 0.43
Skewness -0.5572
P_T^Jet > 35
SISCone5
NoPileup
InTimePU
FullPU
Δ R


CaloTowers E_T not included in Jets
3803252
Mean 0.2715
Skewness 6.674
Entries 4943108
Mean 0.2836
Skewness 6.241
Entries 2269871
Mean 0.2535
Skewness 8.065
MidPoint5
NoPileup
InTimePU
FullPU
10^6
10^5
10^4
10^3
10^2
10
1
0
5
10
15
20
25
30
E_T (in GeV)


CaloTowers E_T not included in Jets
3430875
Mean 0.2171
Skewness 0.4339
Entries 4450700
Mean 0.2282
Skewness 0.3484
Entries 2059494
Mean 0.198
Skewness 0.6081
SISCone5
NoPileup
InTimePU
FullPU
10^6
0
5
10
15
20
25
30
E_T (in GeV)


Σ E_T of caloTowers not included in Jets
Mean 147.5
Skewness 0.209
Entries 7000
Mean 200.8
Skewness 0.08673
Entries 7000
Mean 82.2
Skewness 0.1249
MidPoint5
NoPileup
InTimePU
FullPU
10^2
10
1
0
50
100
150
200
250
300
350
400
Σ E_T (in GeV)


Σ E_T of caloTowers not included in Jets
Mean 106.4
Skewness 0.1954
Entries 7000
Mean 145.9
Skewness 0.06466
Entries 7000
Mean 58.25
Skewness 0.1076
SISCone5
NoPileup
InTimePU
FullPU
10^2
10
1
0
50
100
150
200
250
300
350
400
Σ E_T (in GeV)