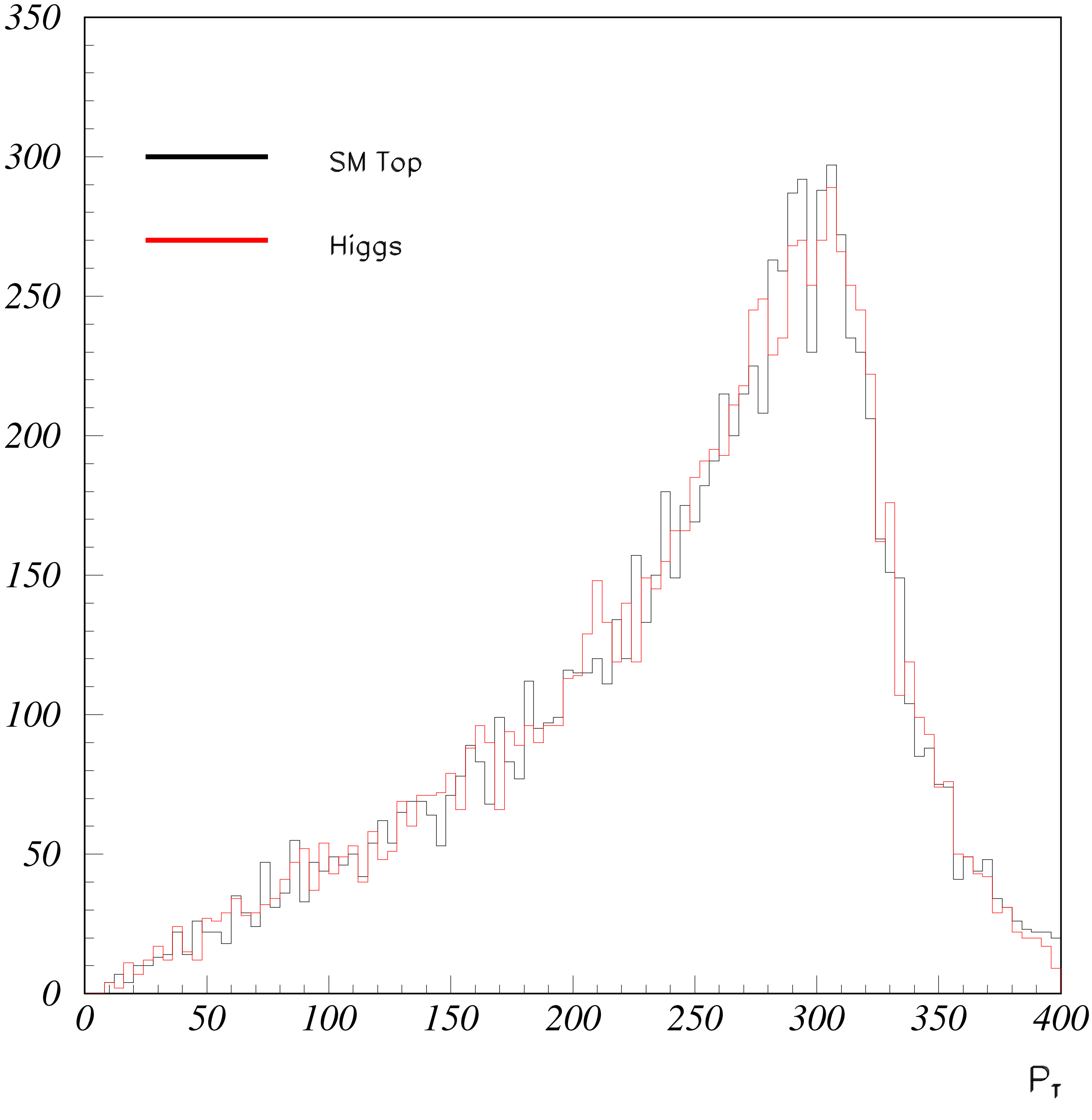
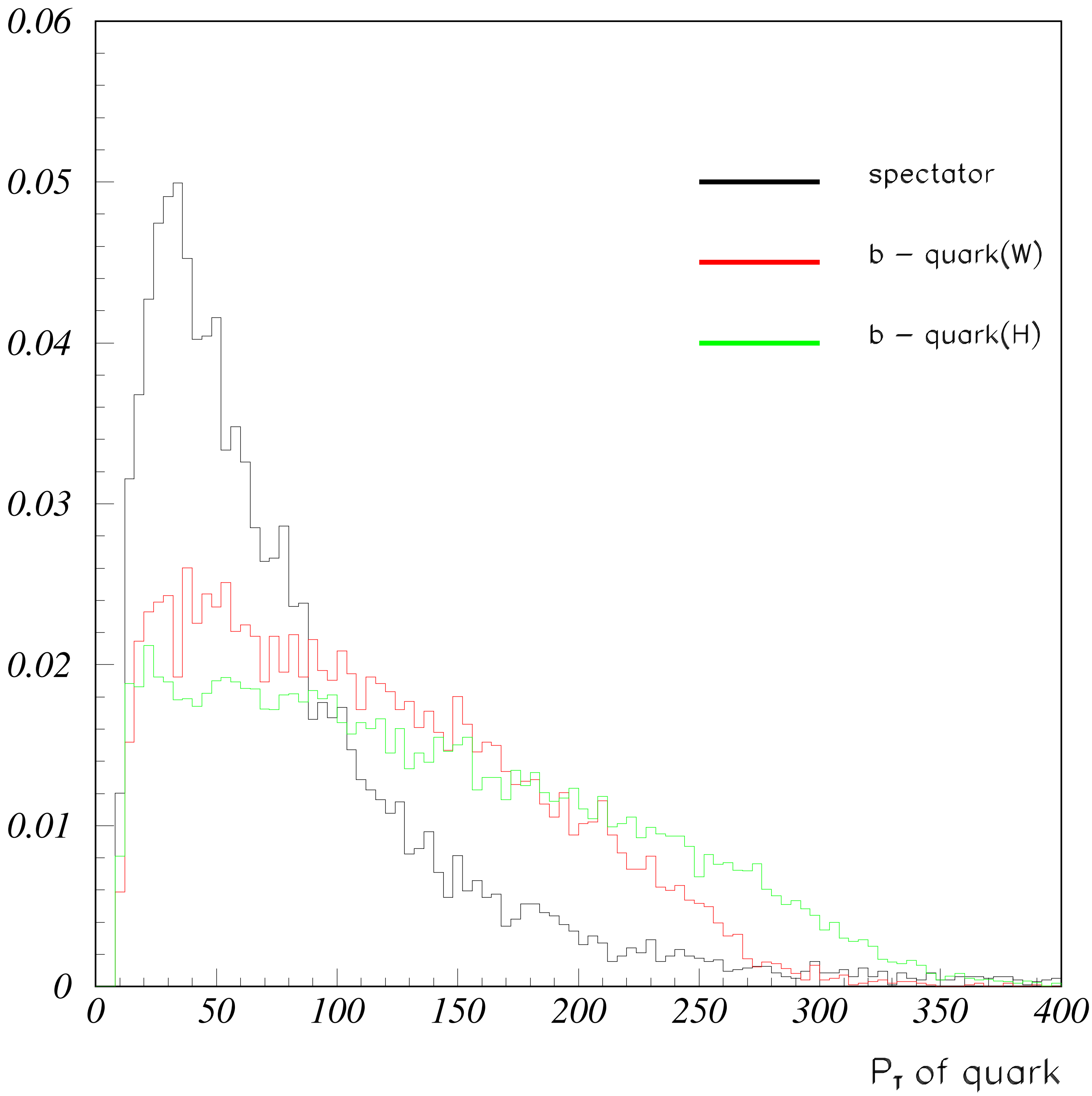
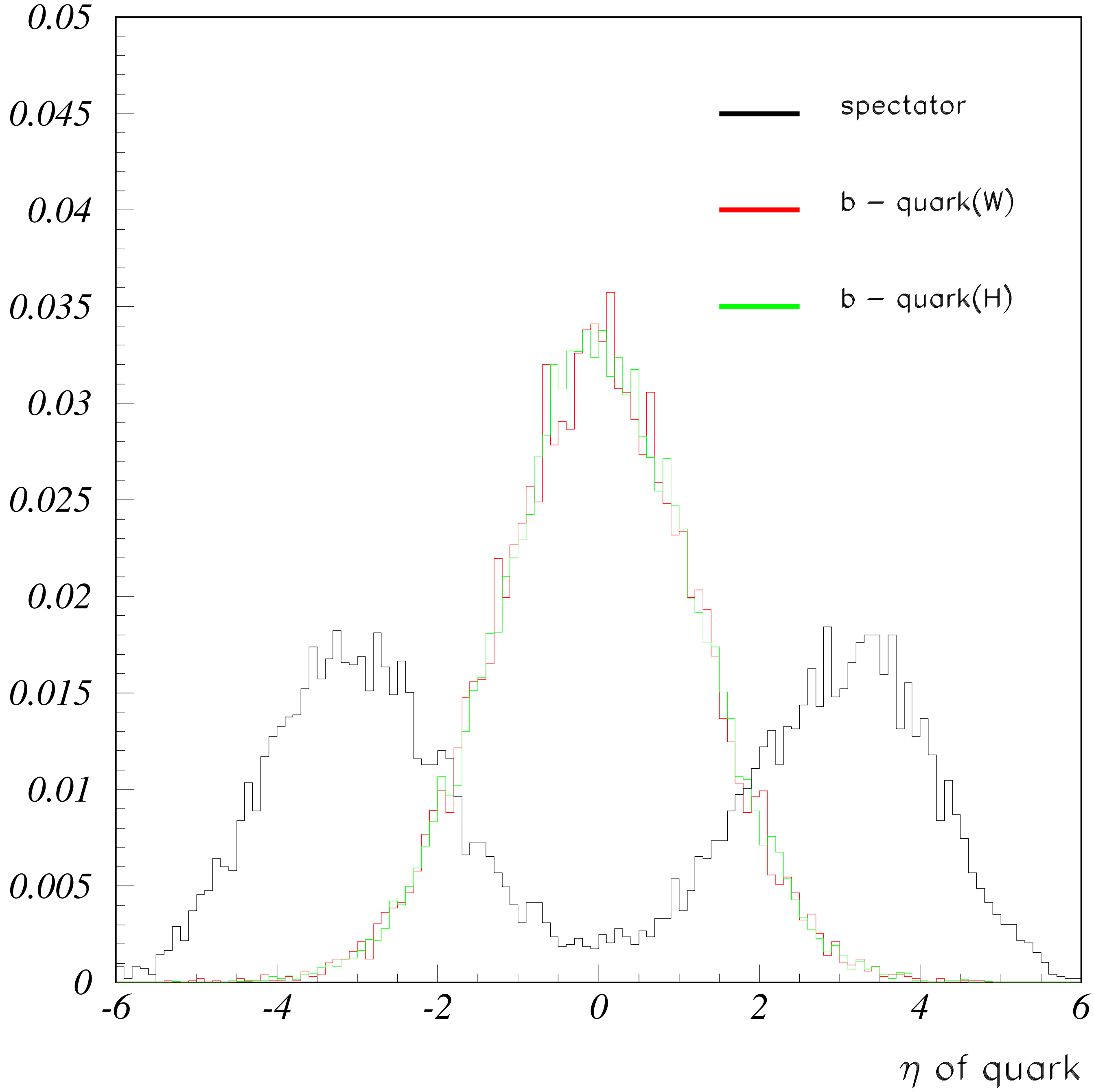
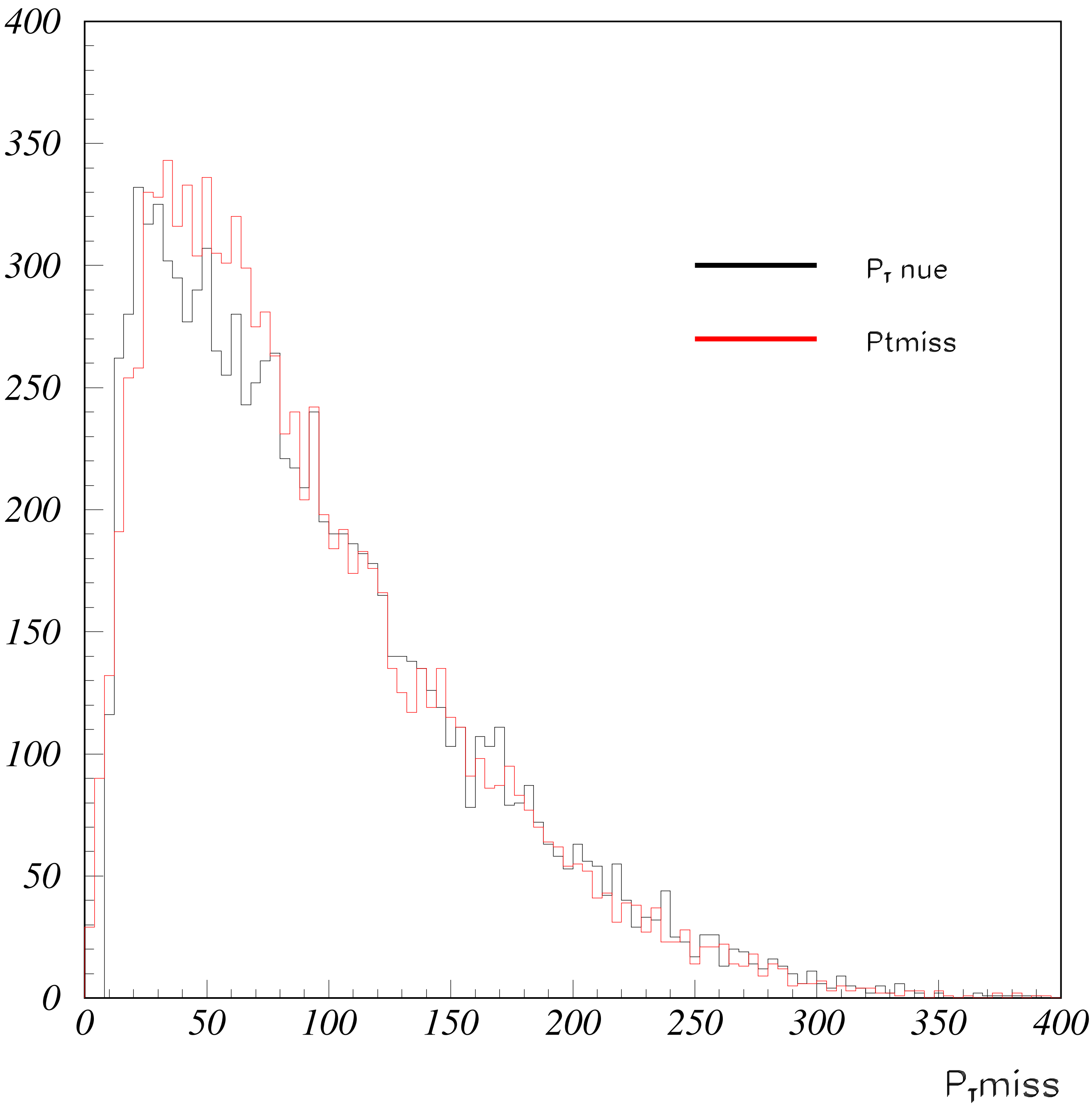


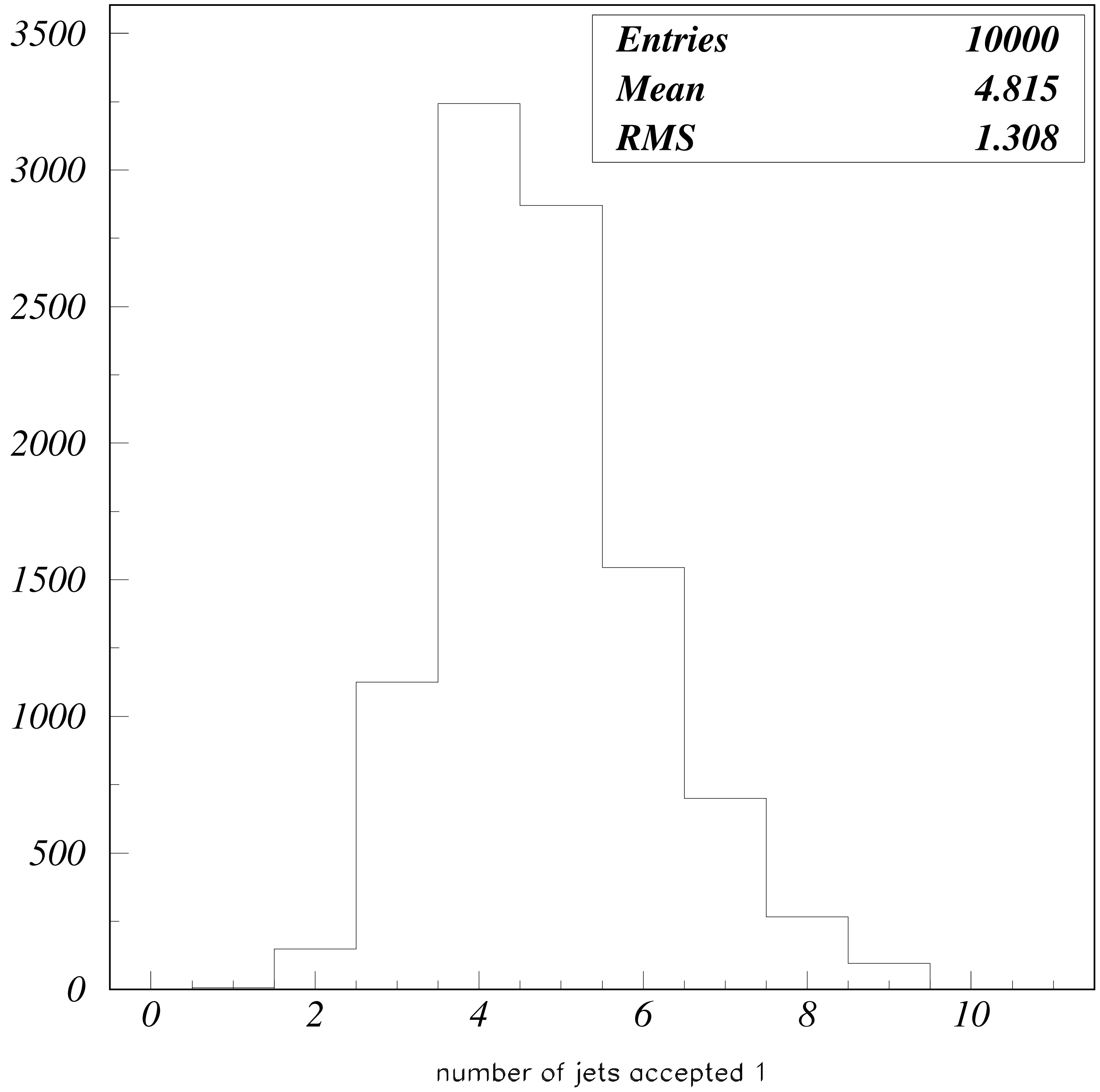
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
400
SM Top
Higgs
P_T


0.06
0.05
0.04
0.03
0.02
0.01
0
0
50
100
150
200
250
300
350
400
spectator
b − quark(W)
b − quark(H)
P_T of quark

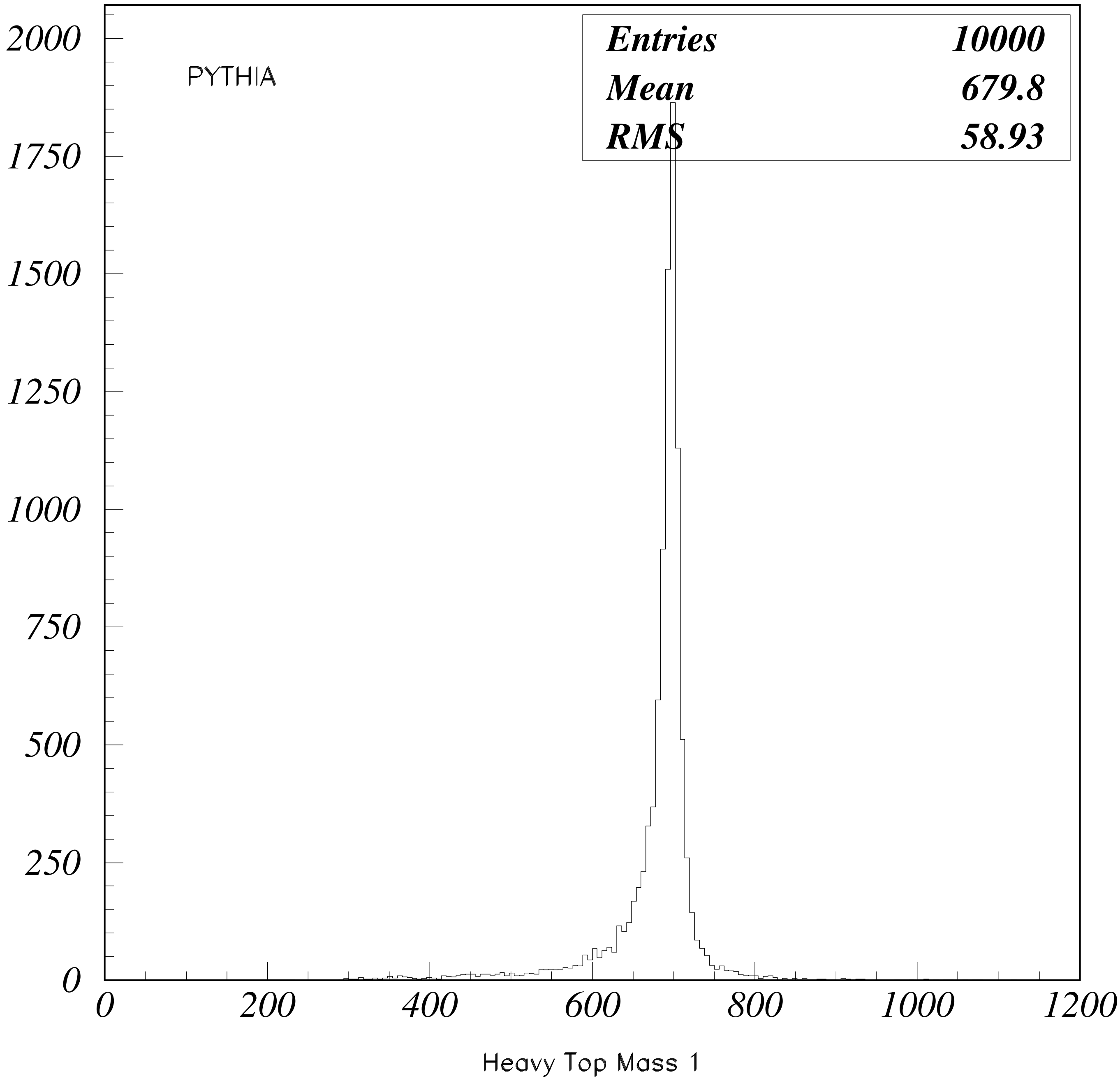


0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
spectator
b – quark(W)
b – quark(H)
-6
-4
-2
0
2
4
6
η of quark

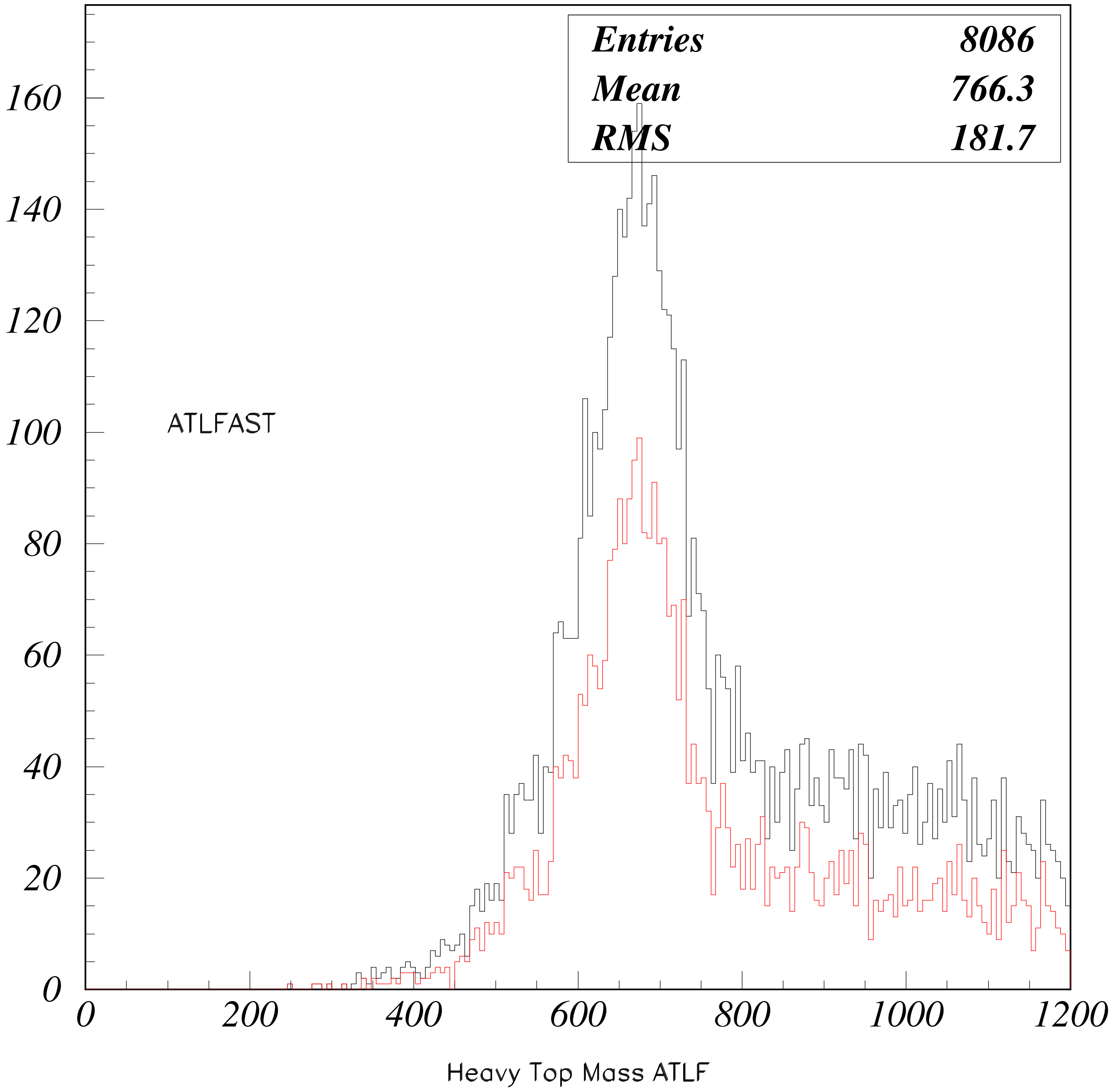

400
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
400
P_T nue
Ptmiss
$P_T$miss



Entries 10000
Mean 4.815
RMS 1.308
3500
3000
2500
2000
1500
1000
500
0
0
2
4
6
8
10
number of jets accepted 1



Entries 10000
Mean 679.8
RMS 58.93
PYTHIA
2000
1750
1500
1250
1000
750
500
250
0
0
200
400
600
800
1000
1200
Heavy Top Mass 1


Entries 8086
Mean 766.3
RMS 181.7
ATLFAST
0
20
40
60
80
100
120
140
160
0
200
400
600
800
1000
1200
Heavy Top Mass ATLF