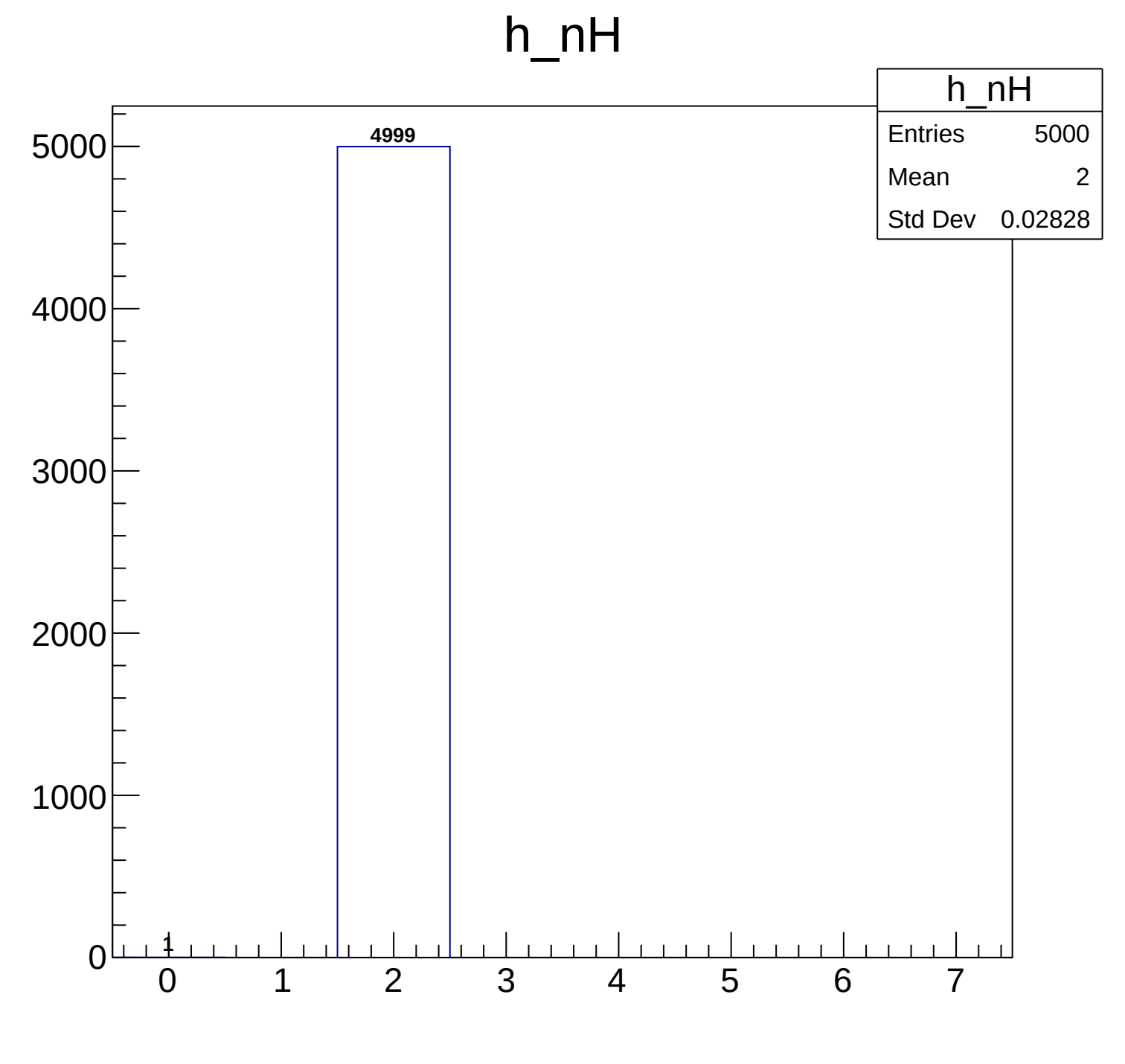
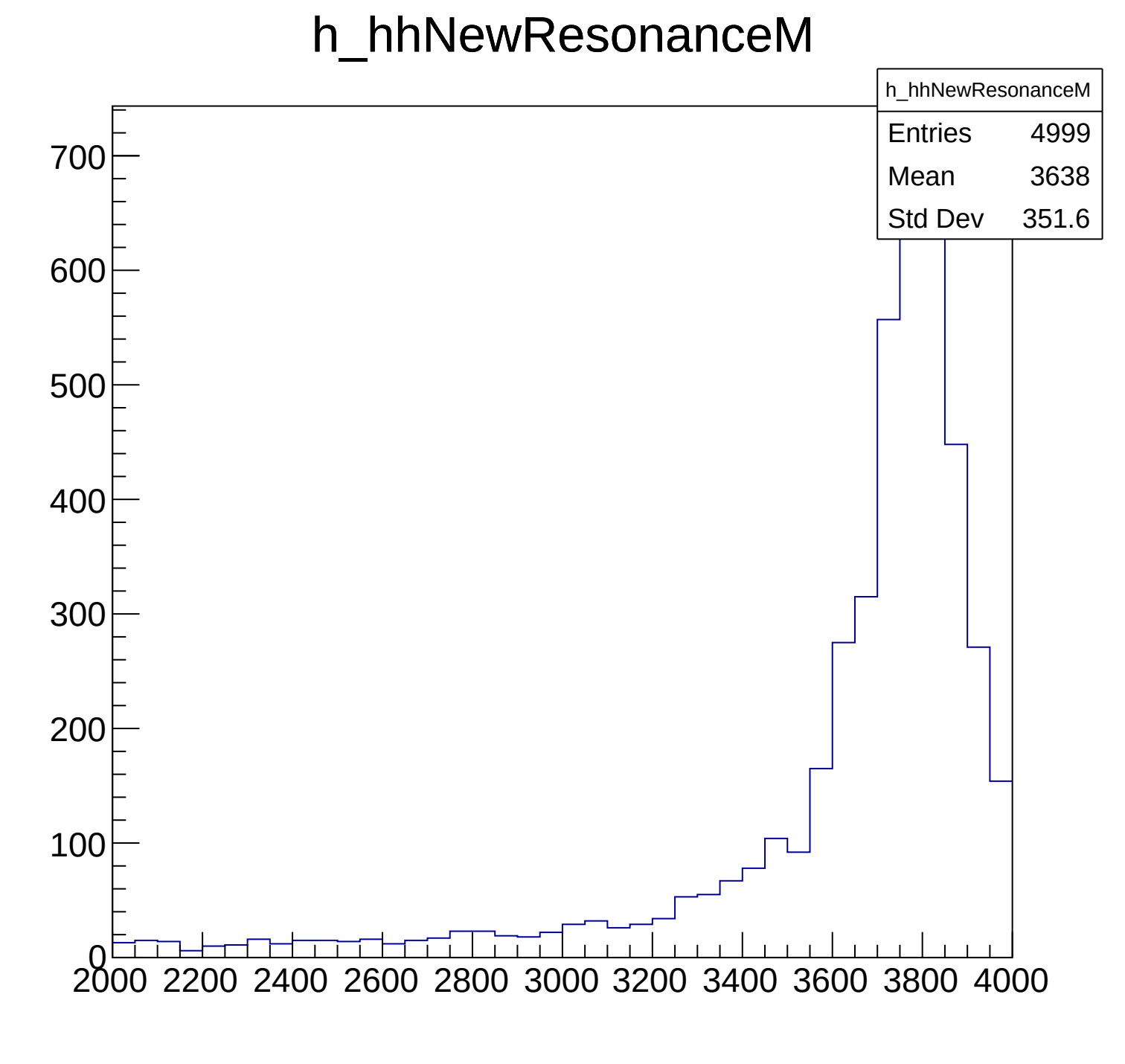
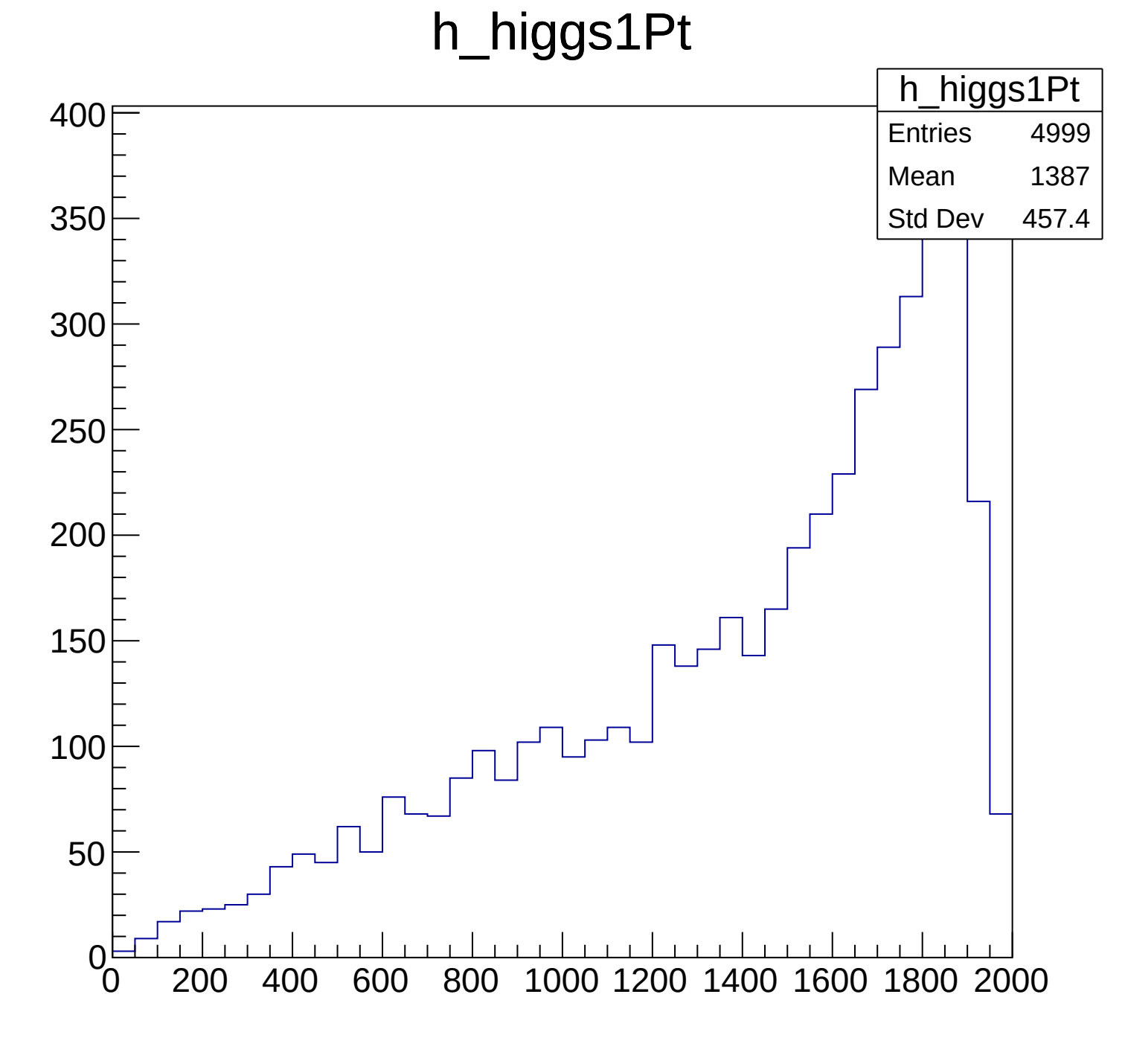
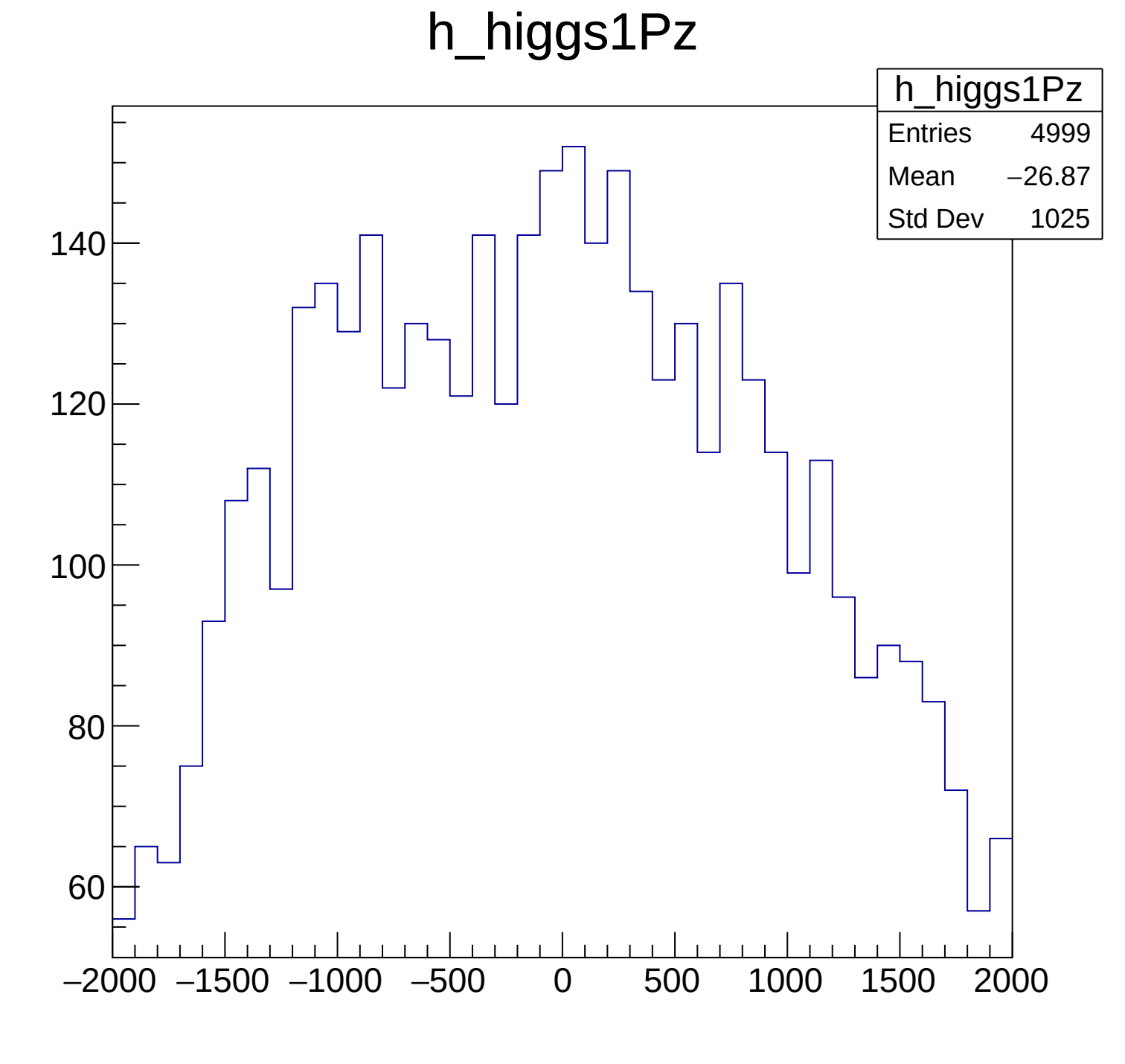
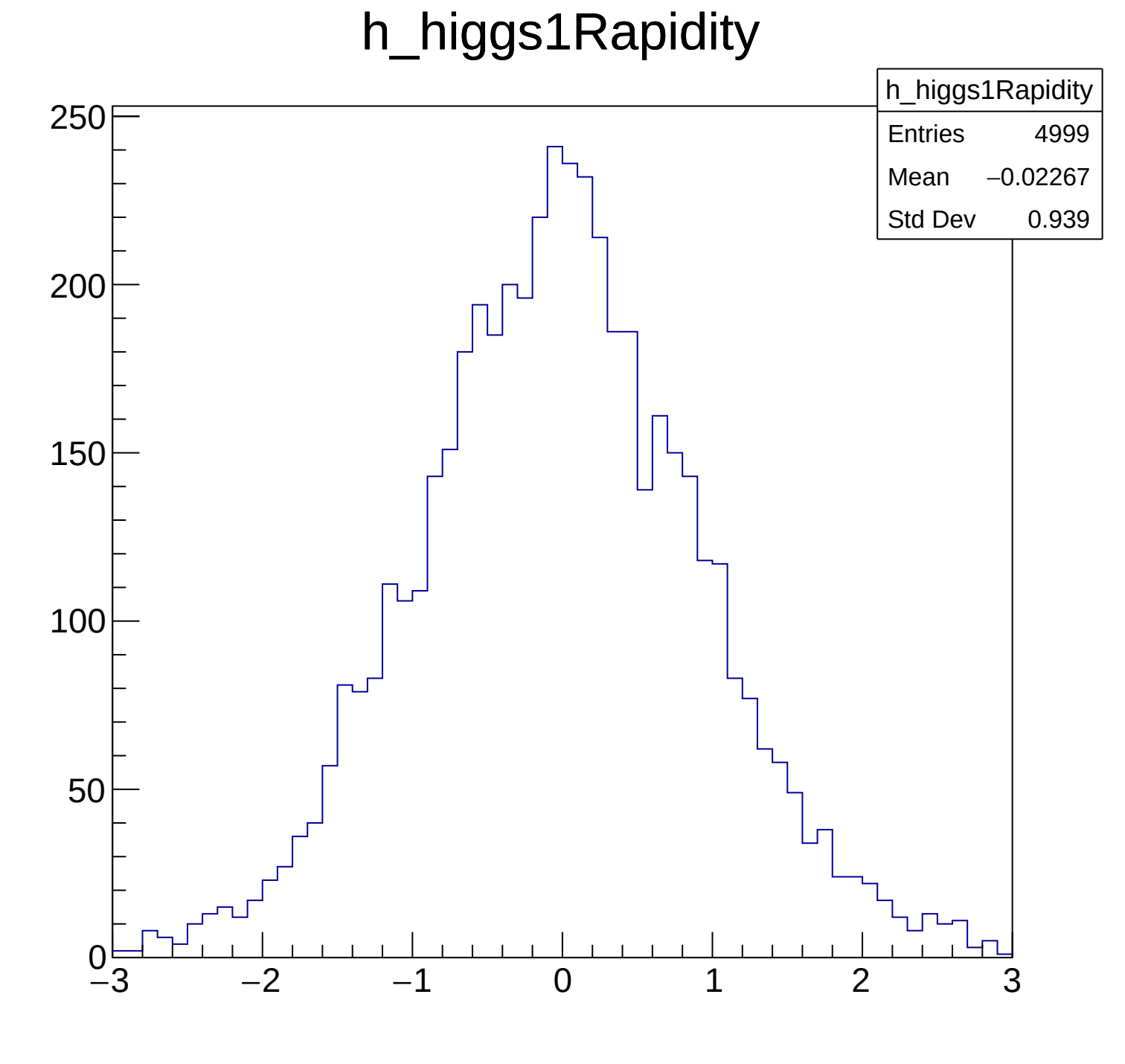
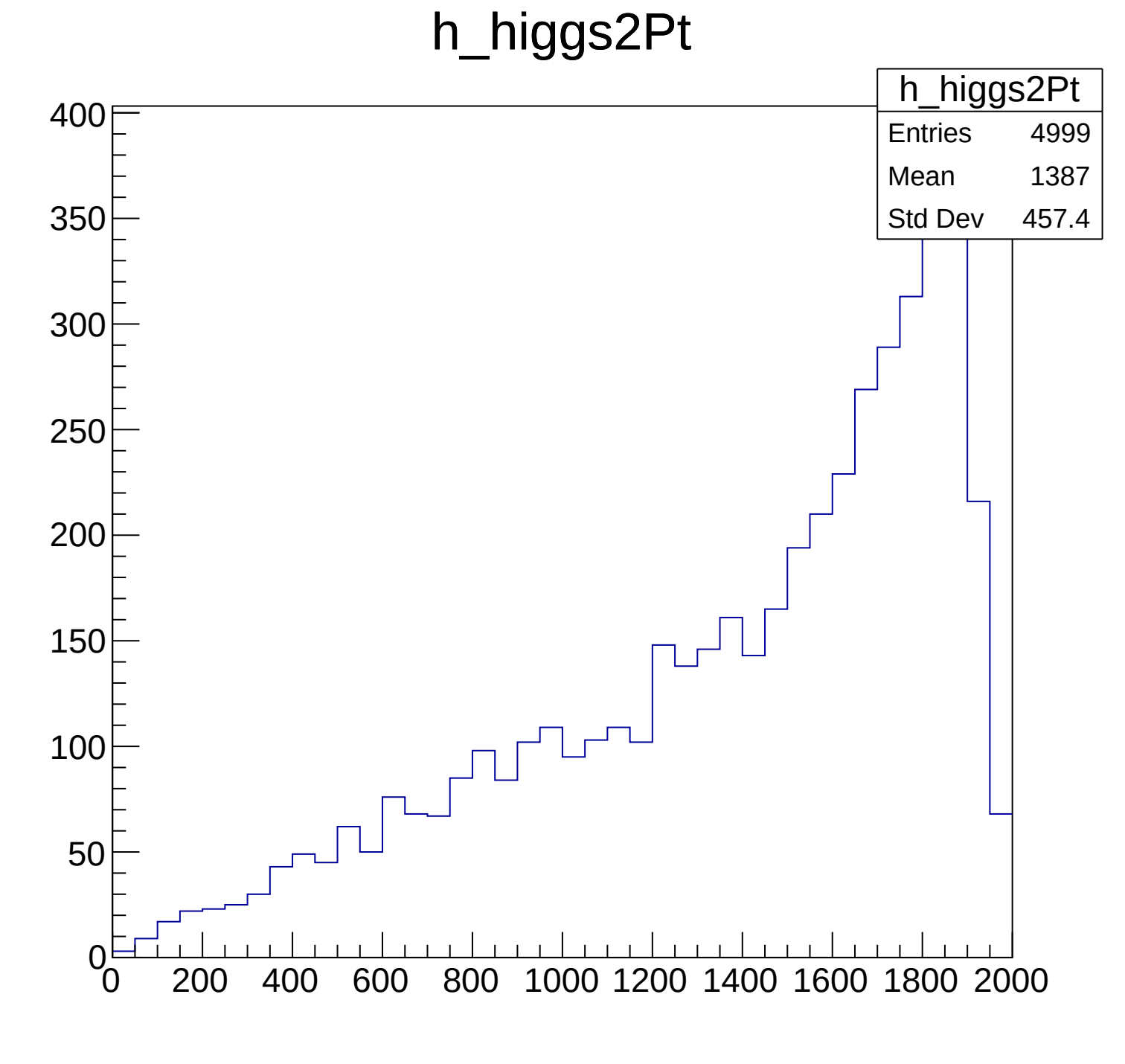

h_nH
h_nH
Entries 5000
Mean 2
Std Dev 0.02828
4999
1
5000
4000
3000
2000
1000
0
0
1
2
3
4
5
6
7

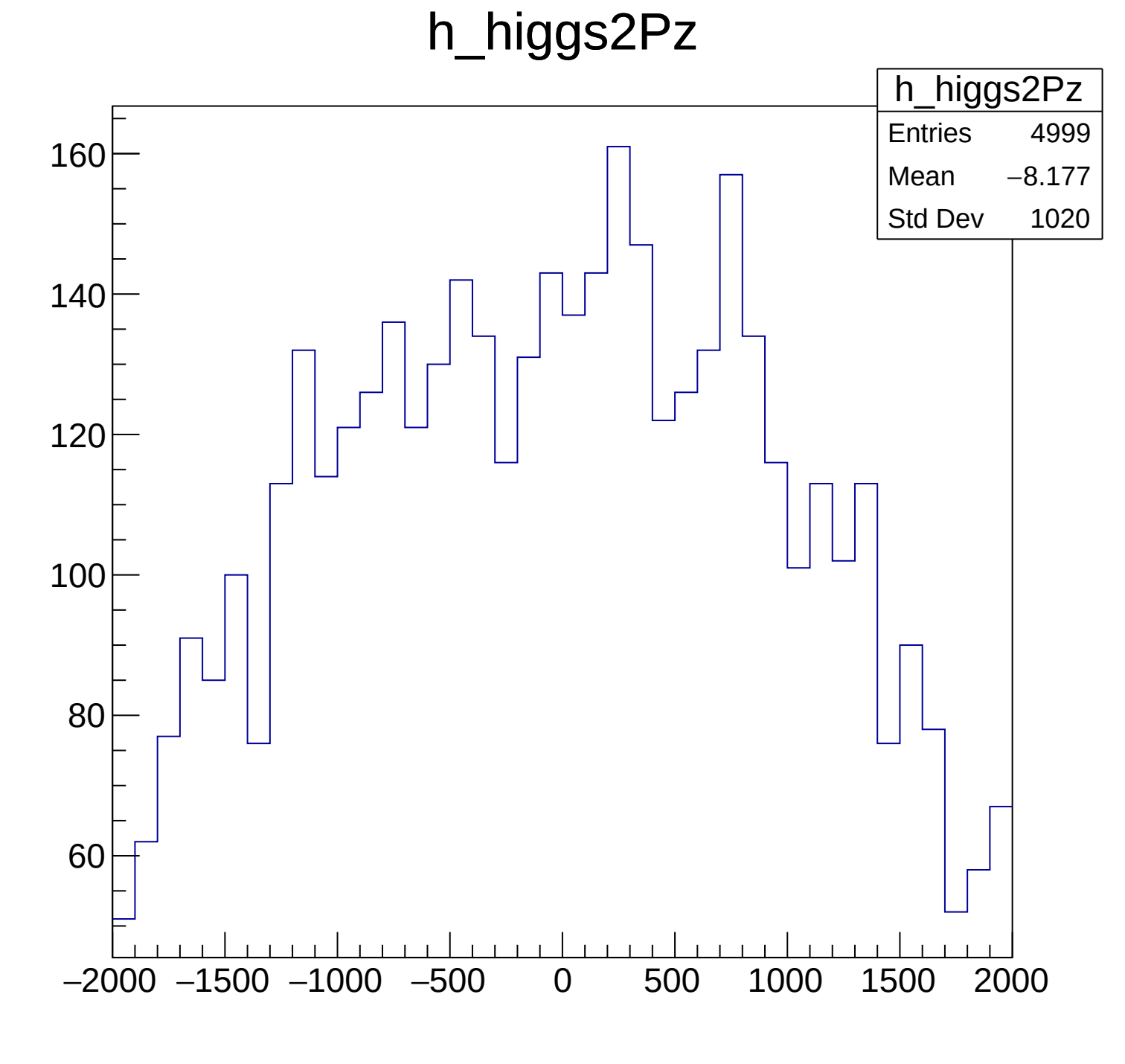

h_hhNewResonanceM
h_hhNewResonanceM
Entries 4999
Mean 3638
Std Dev 351.6
700
600
500
400
300
200
100
0
2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000

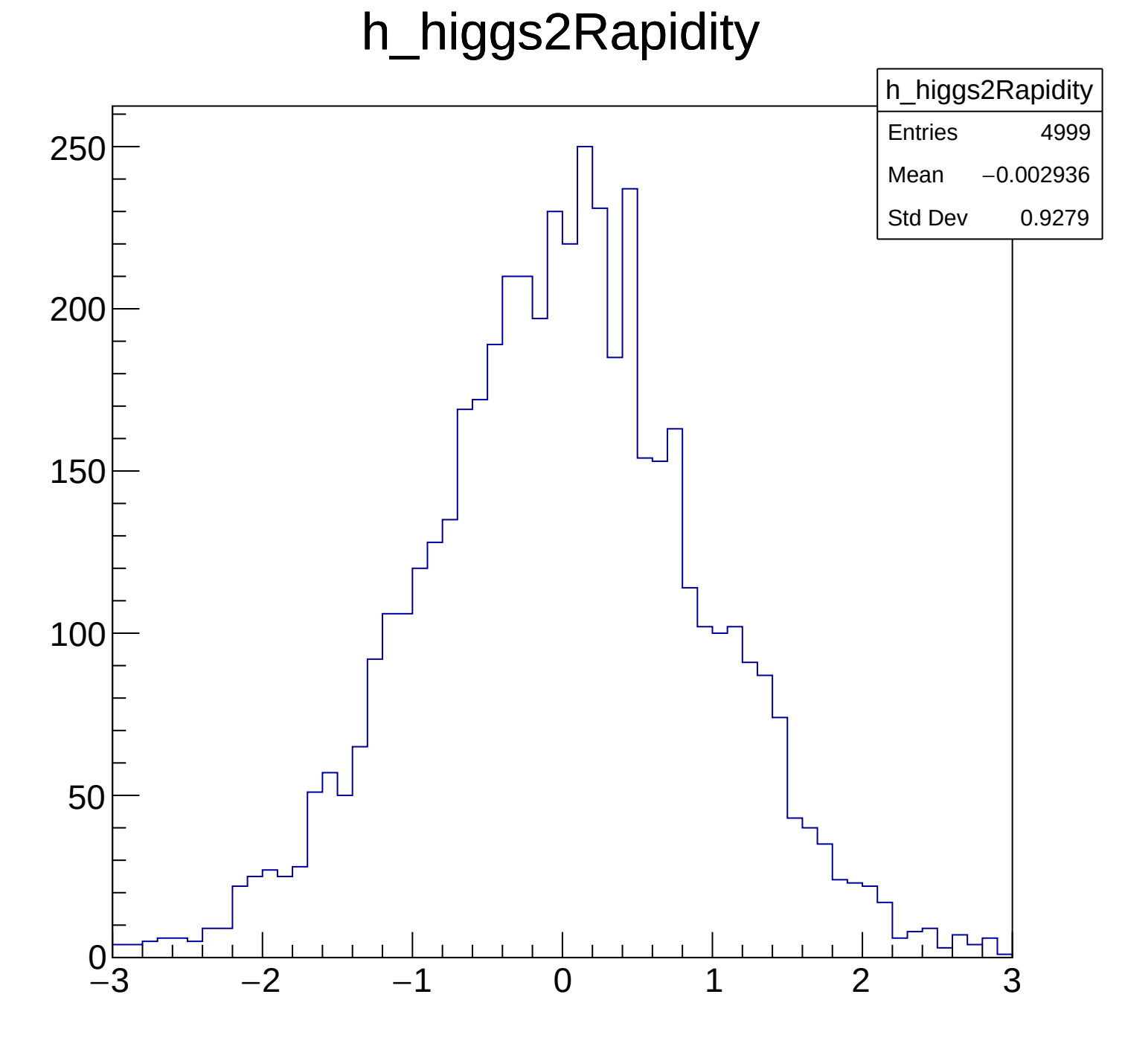

h_higgs1Pt
h_higgs1Pt
Entries 4999
Mean 1387
Std Dev 457.4
400
350
300
250
200
150
100
50
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

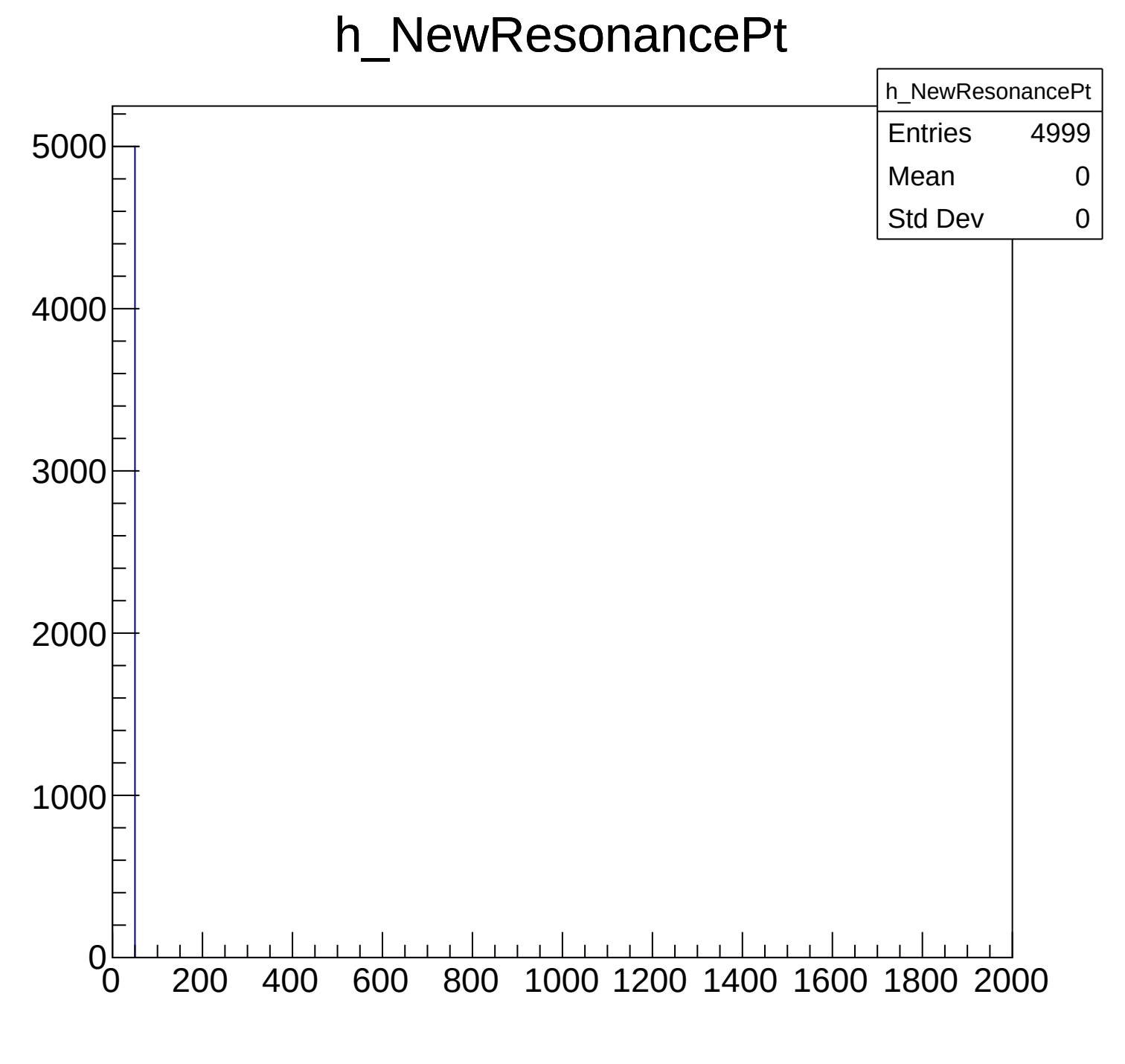

h_higgs1Pz
h_higgs1Pz
Entries 4999
Mean −26.87
Std Dev 1025
140
120
100
80
60
−2000
−1500
−1000
−500
0
500
1000
1500
2000

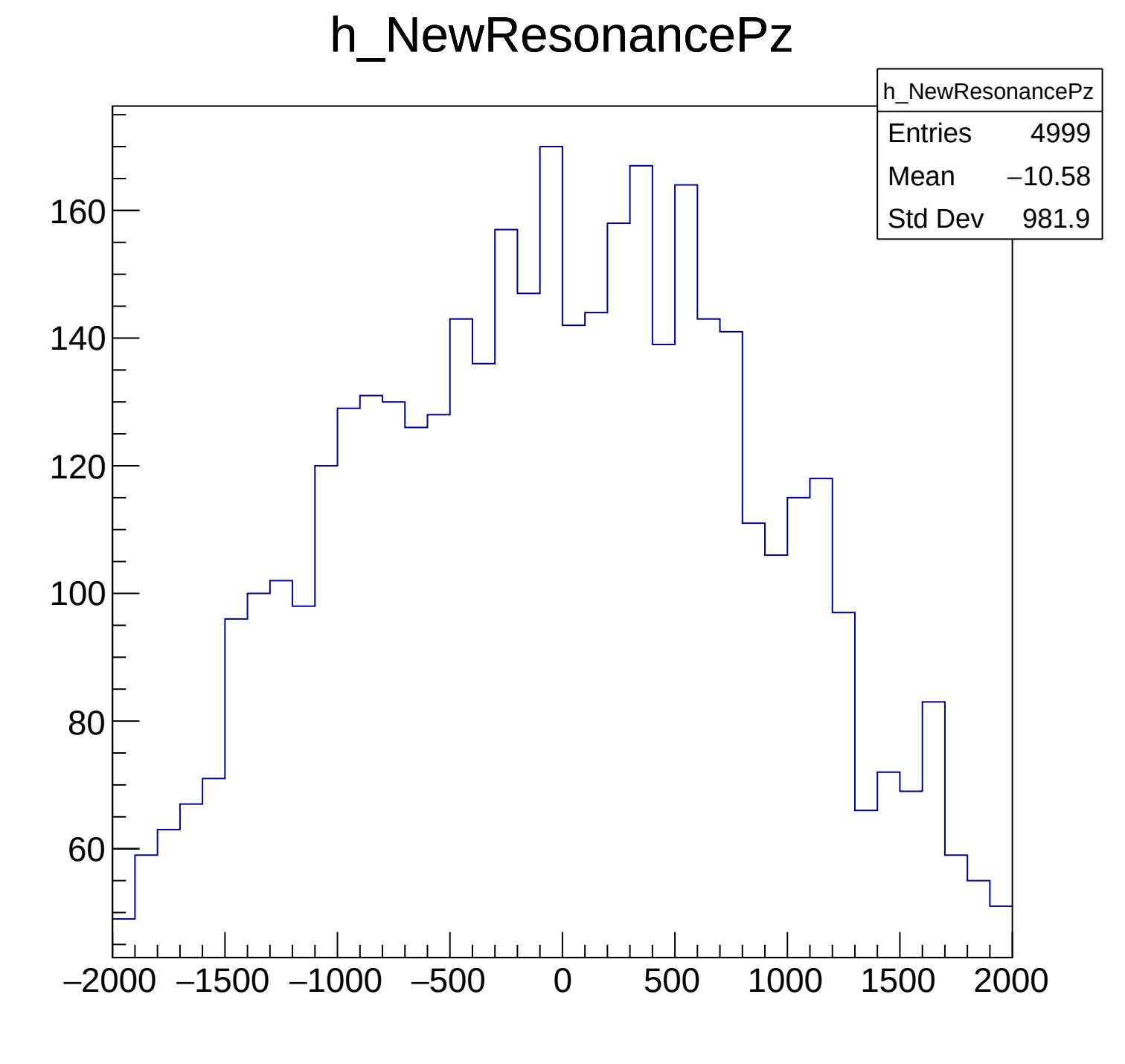

h_higgs1Rapidity
h_higgs1Rapidity
Entries 4999
Mean –0.02267
Std Dev 0.939
250
200
150
100
50
0
–3
–2
–1
0
1
2
3

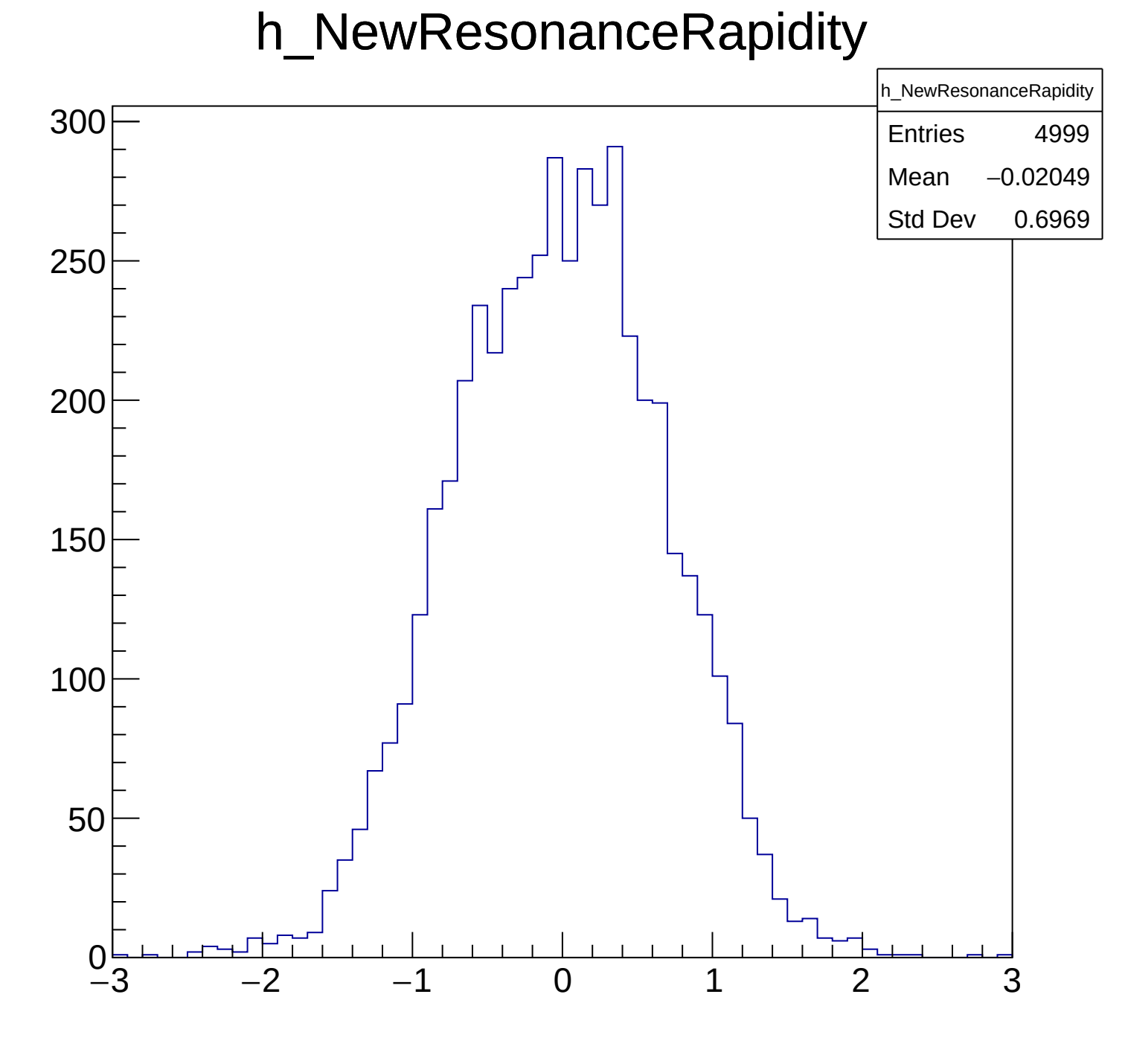

h_higgs2Pt
h_higgs2Pt
Entries 4999
Mean 1387
Std Dev 457.4
400
350
300
250
200
150
100
50
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000

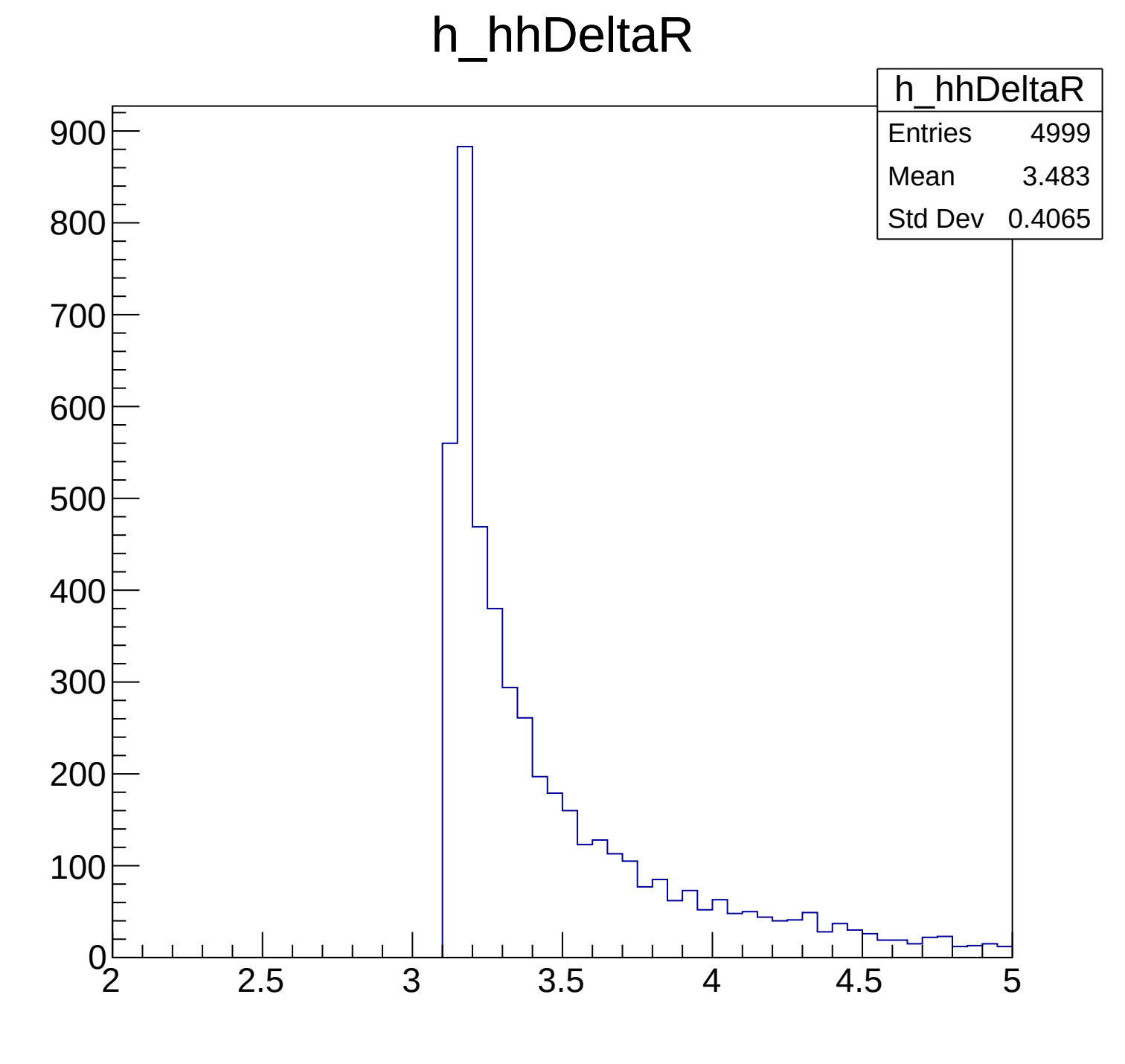

h_higgs2Pz
h_higgs2Pz
Entries 4999
Mean −8.177
Std Dev 1020
160
140
120
100
80
60
−2000
−1500
−1000
−500
0
500
1000
1500
2000


h_higgs2Rapidity
h_higgs2Rapidity
Entries 4999
Mean −0.002936
Std Dev 0.9279
250
200
150
100
50
0
−3
−2
−1
0
1
2
3


h_NewResonancePt
h_NewResonancePt
Entries 4999
Mean 0
Std Dev 0
5000
4000
3000
2000
1000
0
0 200 400 600 800 1000 1200 1400 1600 1800 2000


h_NewResonancePz
h_NewResonancePz
Entries 4999
Mean −10.58
Std Dev 981.9
160
140
120
100
80
60
−2000
−1500
−1000
−500
0
500
1000
1500
2000


h_NewResonanceRapidity
h_NewResonanceRapidity
Entries 4999
Mean –0.02049
Std Dev 0.6969
300
250
200
150
100
50
0
–3
–2
–1
0
1
2
3


h_hhDeltaR
h_hhDeltaR
Entries 4999
Mean 3.483
Std Dev 0.4065
900
800
700
600
500
400
300
200
100
0
2
2.5
3
3.5
4
4.5
5