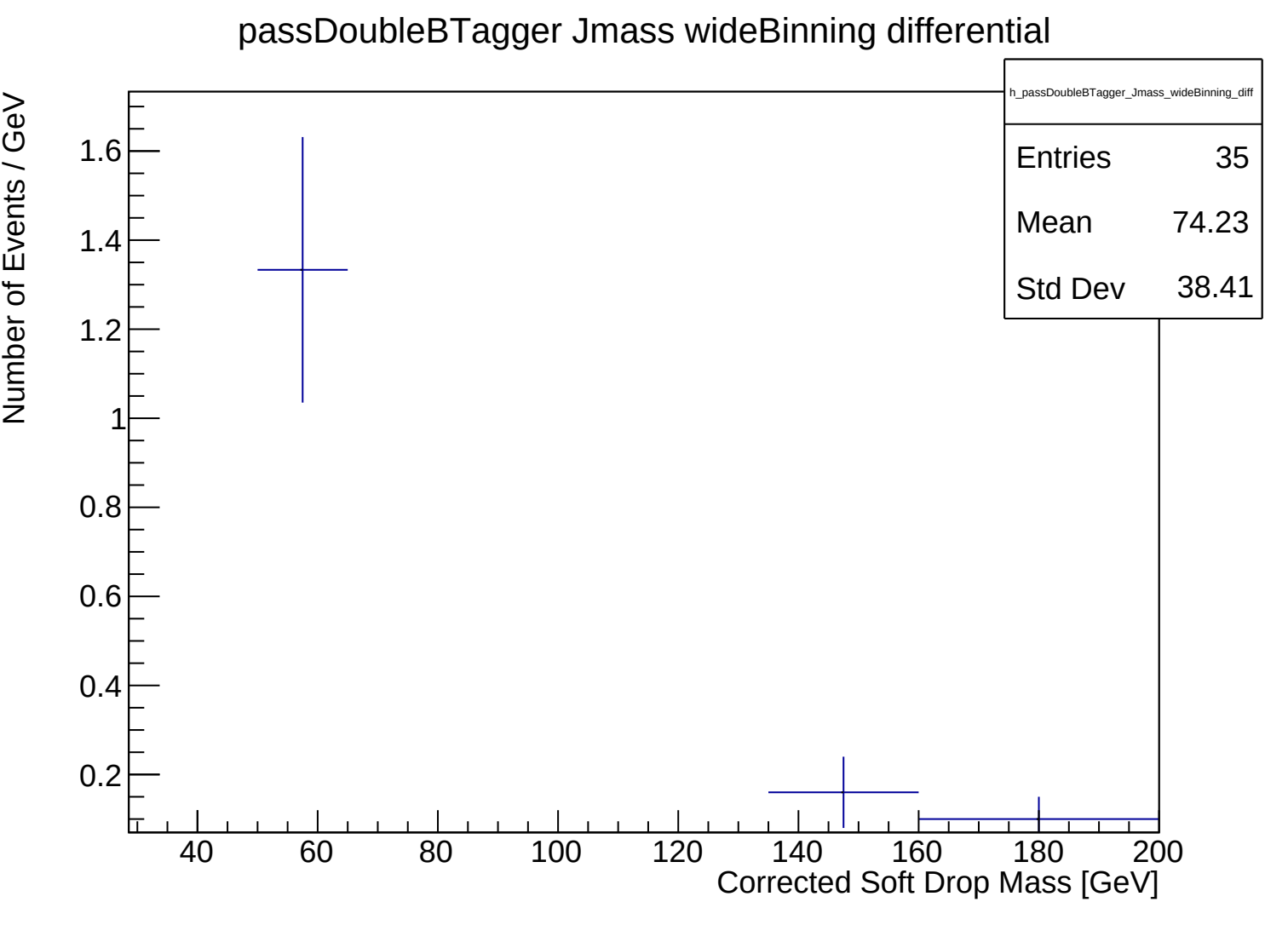
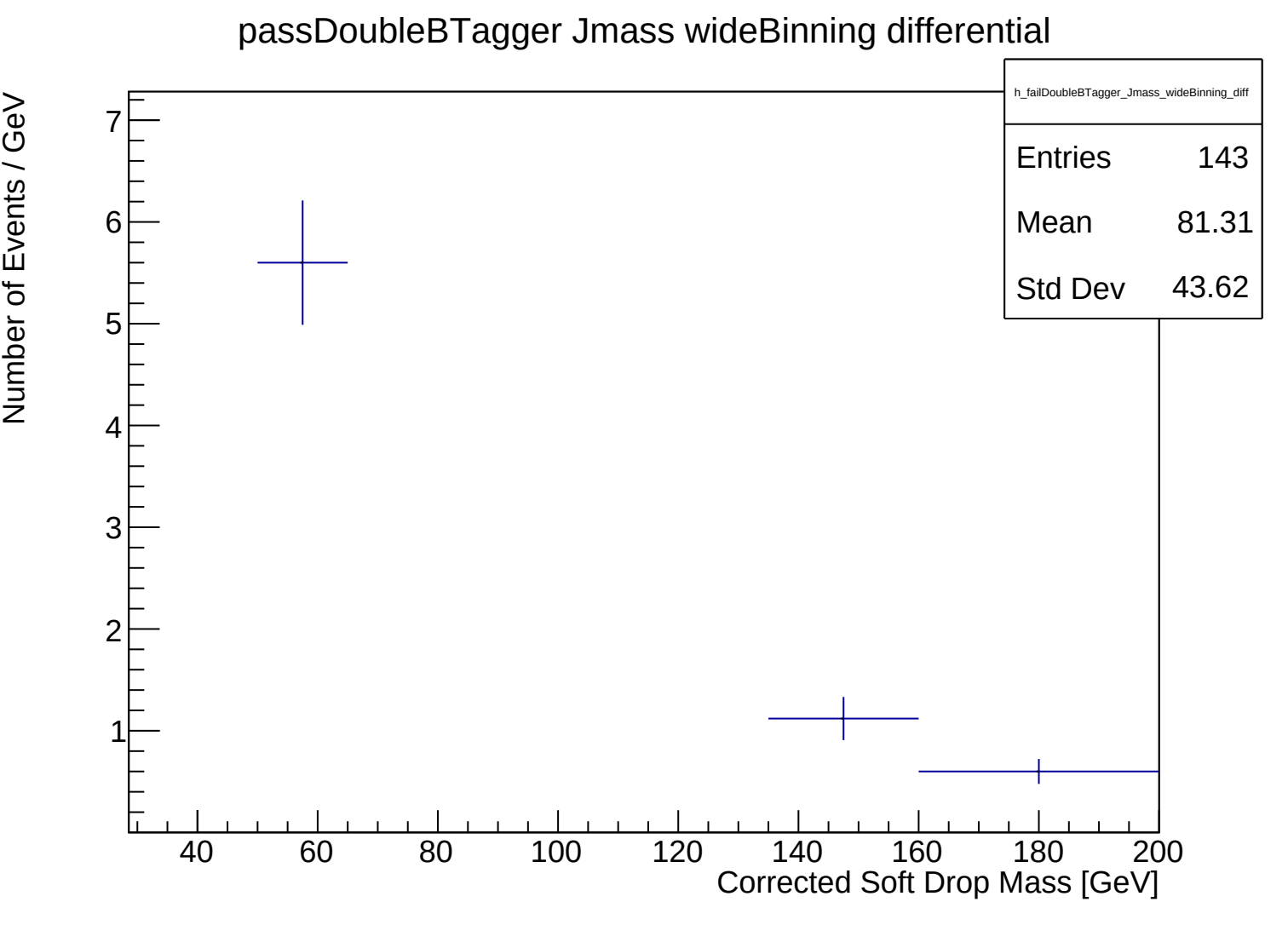
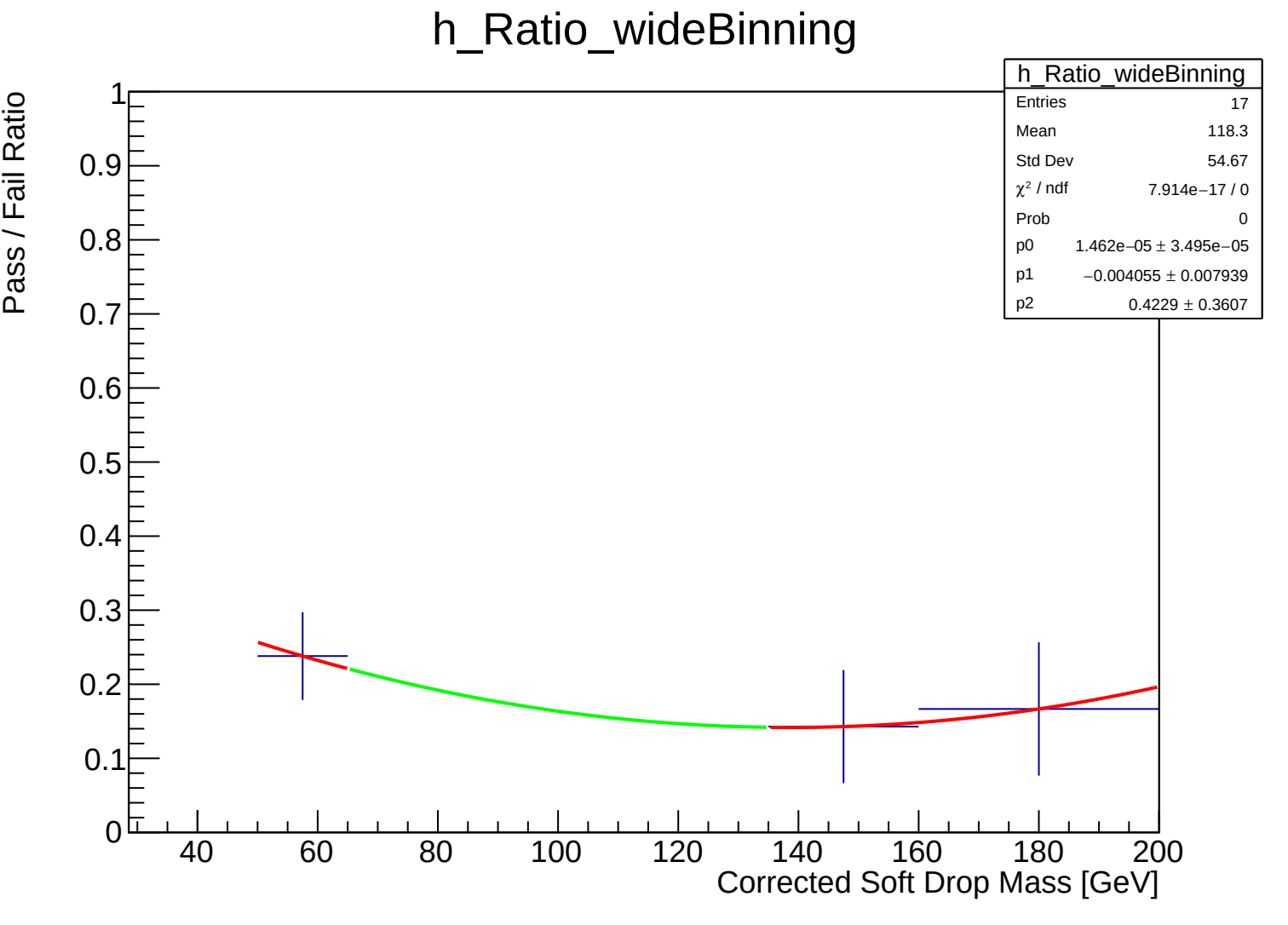
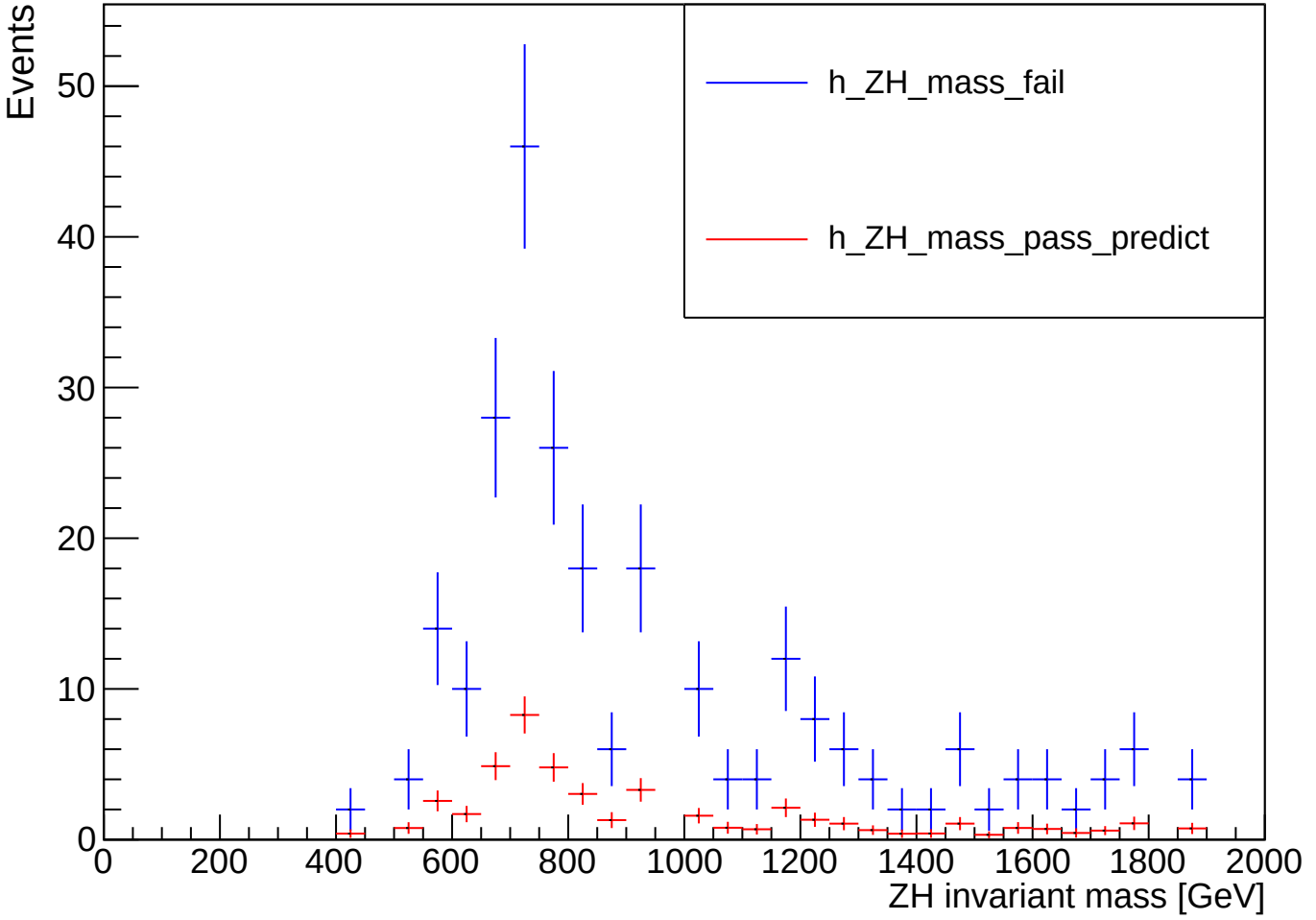

passDoubleBTagger Jmass wideBinning differential
h_passDoubleBTagger_Jmass_wideBinning_diff
Entries 35
Mean 74.23
Std Dev 38.41
Number of Events / GeV
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
40
60
80
100
120
140
160
180
200
Corrected Soft Drop Mass [GeV]


passDoubleBTagger Jmass wideBinning differential
h_failDoubleBTagger_Jmass_wideBinning_diff
Entries 143
Mean 81.31
Std Dev 43.62
Number of Events / GeV
Corrected Soft Drop Mass [GeV]
1
2
3
4
5
6
7
40
60
80
100
120
140
160
180
200


h_Ratio_wideBinning
h_Ratio_wideBinning
Entries 17
Mean 118.3
Std Dev 54.67
χ² / ndf 7.914e−17 / 0
Prob 0
p0 1.462e−05 ± 3.495e−05
p1 −0.004055 ± 0.007939
p2 0.4229 ± 0.3607
Pass / Fail Ratio
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
40
60
80
100
120
140
160
180
200
Corrected Soft Drop Mass [GeV]


Events
50
40
30
20
10
0
0
200
400
600
800
1000
1200
1400
1600
1800
2000
ZH invariant mass [GeV]
h_ZH_mass_fail
h_ZH_mass_pass_predict