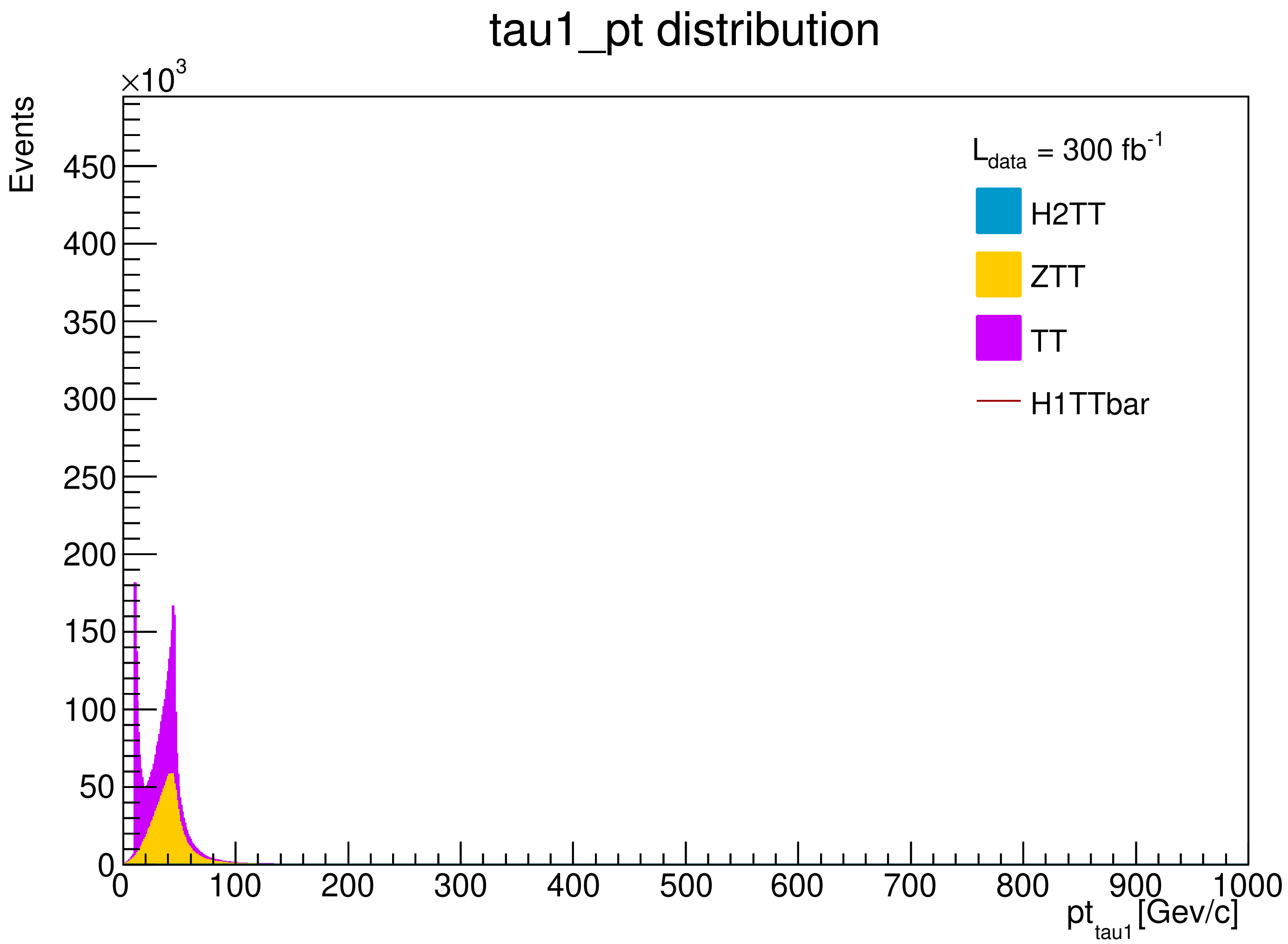
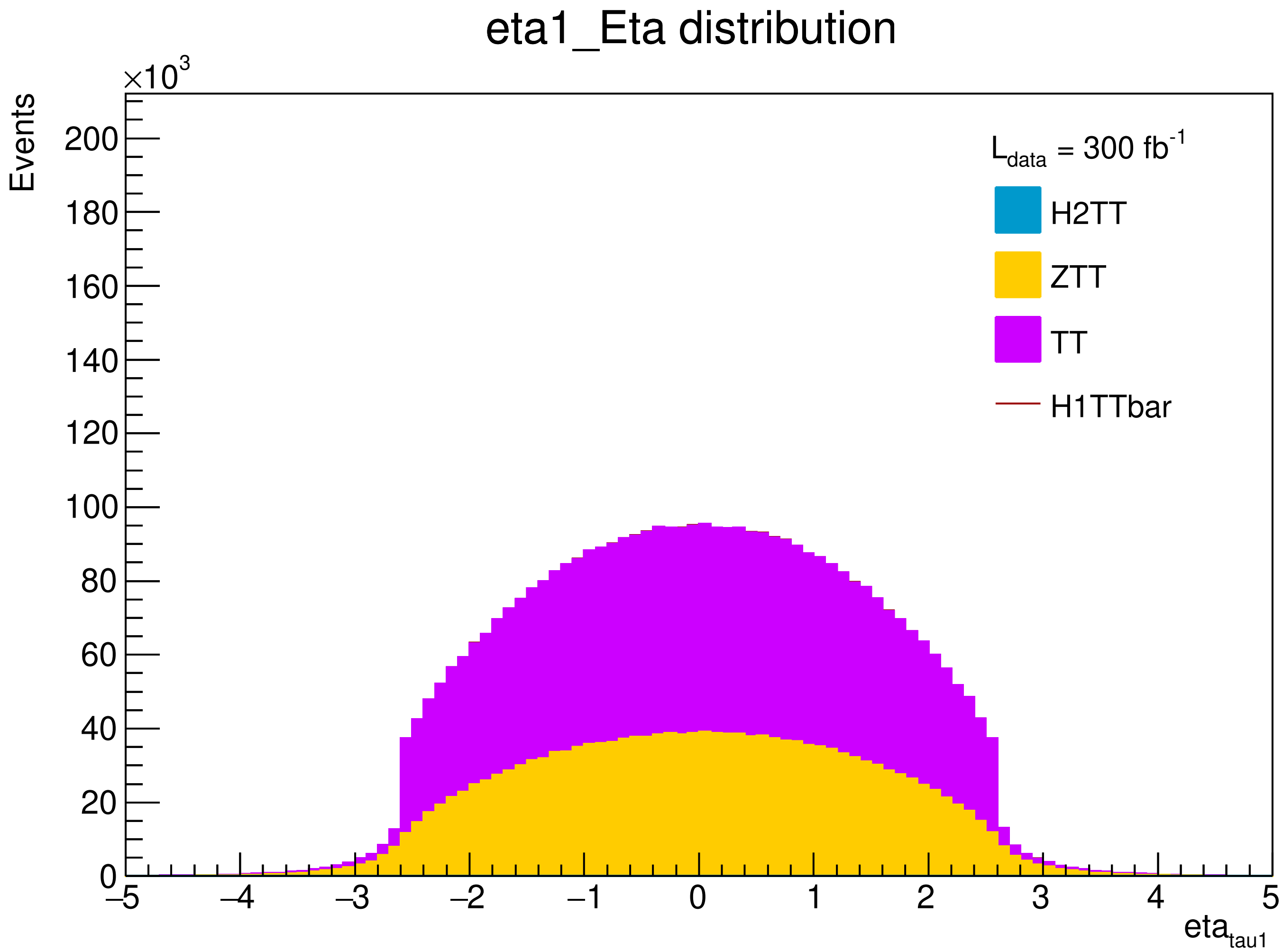
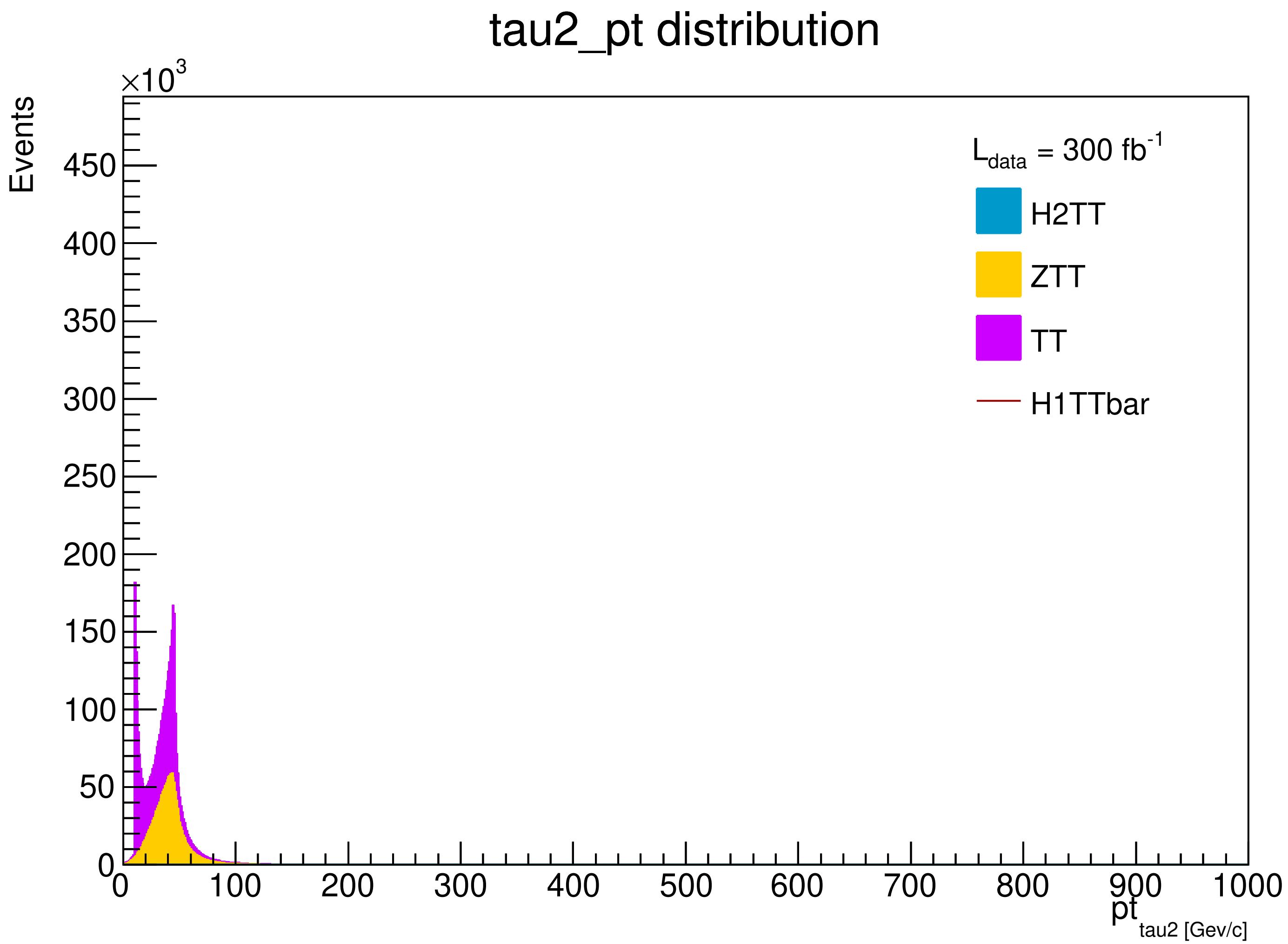


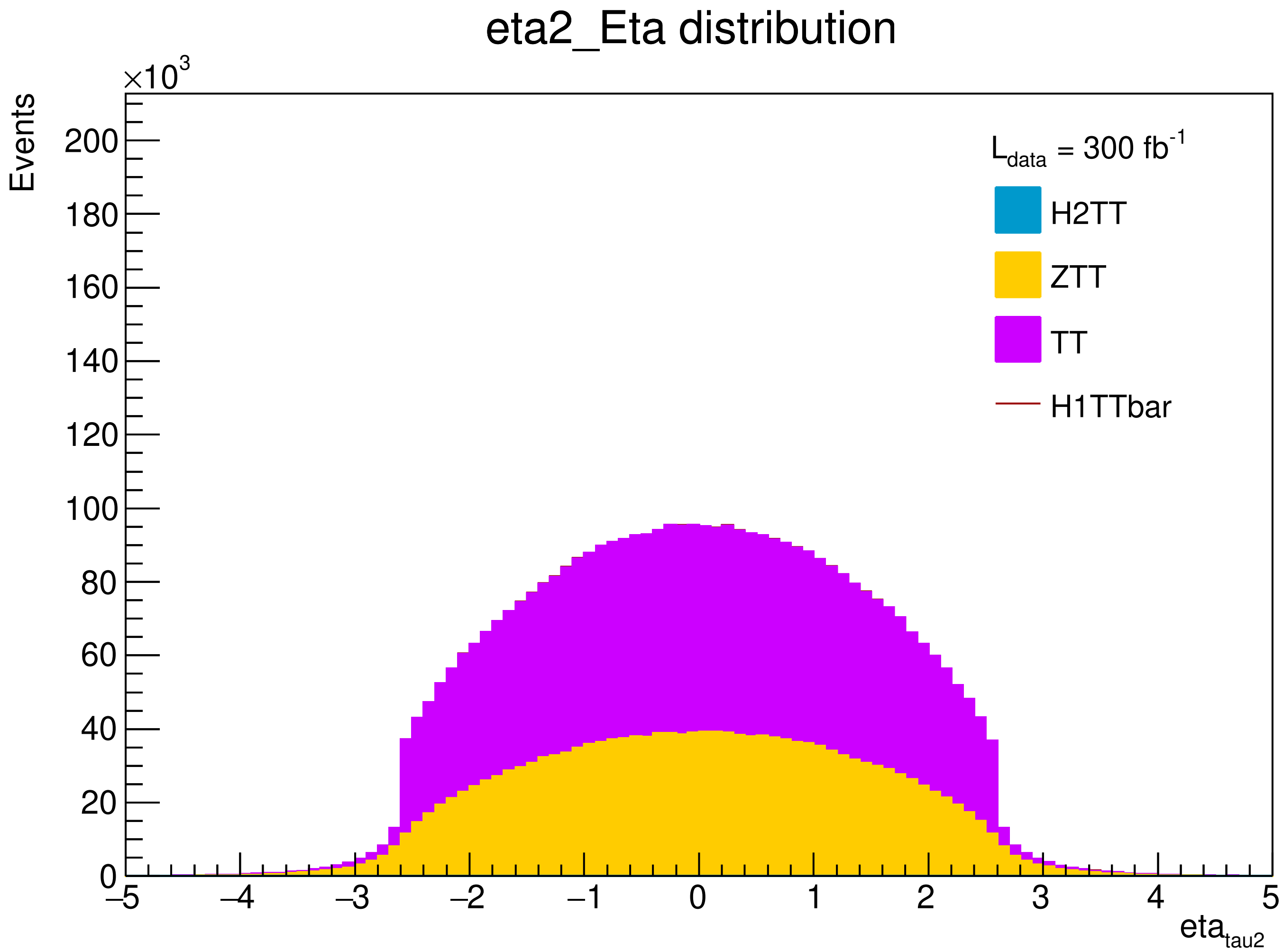
tau1_pt distribution
×10^3
Events
0
50
100
150
200
250
300
350
400
450
0
100
200
300
400
500
600
700
800
900
1000
pt_tau1 [Gev/c]
L_data = 300 fb^-1
H2TT
ZTT
TT
H1TTbar



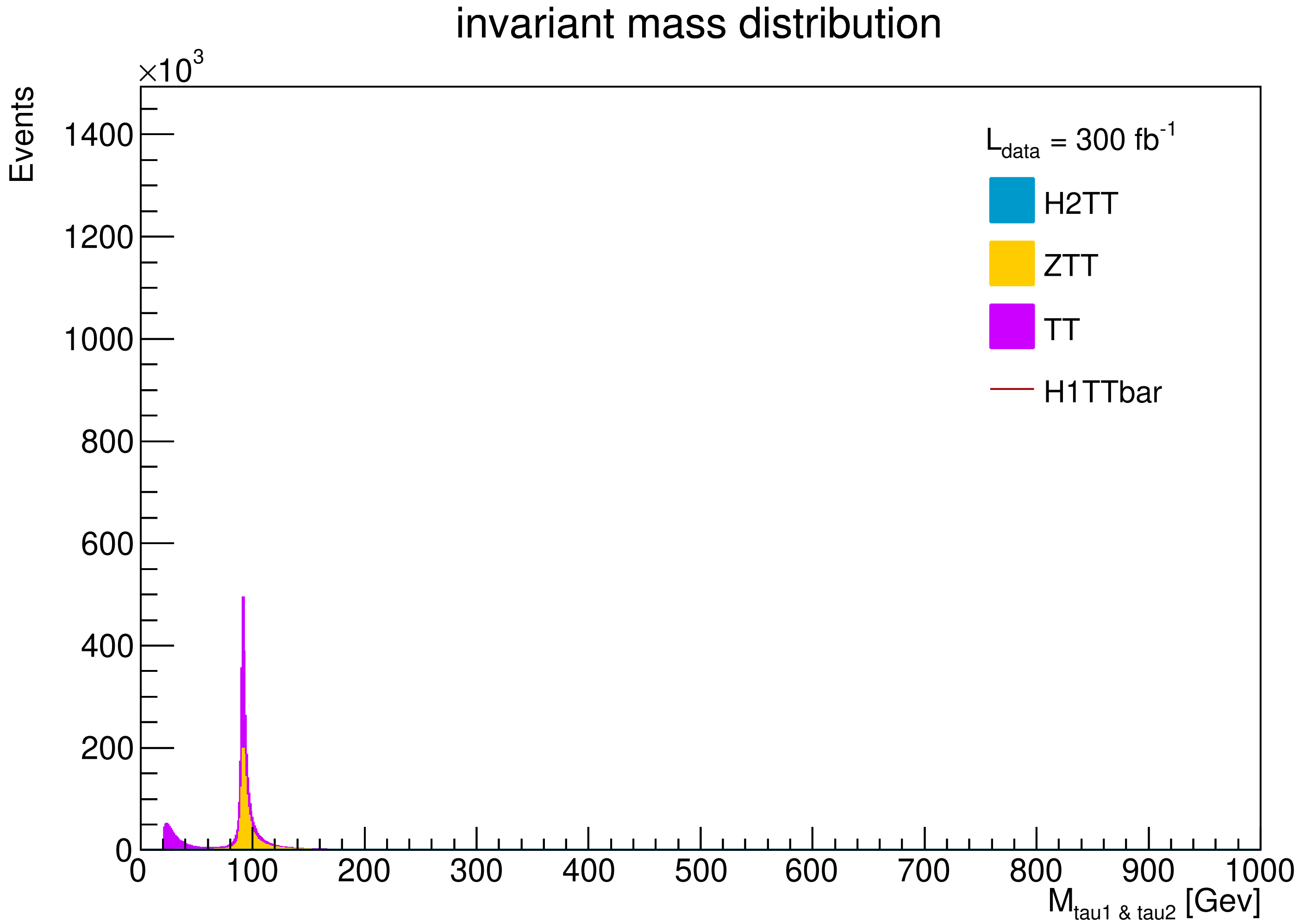
eta1_Eta distribution
×10^3
Events
200
180
160
140
120
100
80
60
40
20
0
−5
−4
−3
−2
−1
0
1
2
3
4
5
eta_tau1
L_data = 300 fb^-1
H2TT
ZTT
TT
H1TTbar



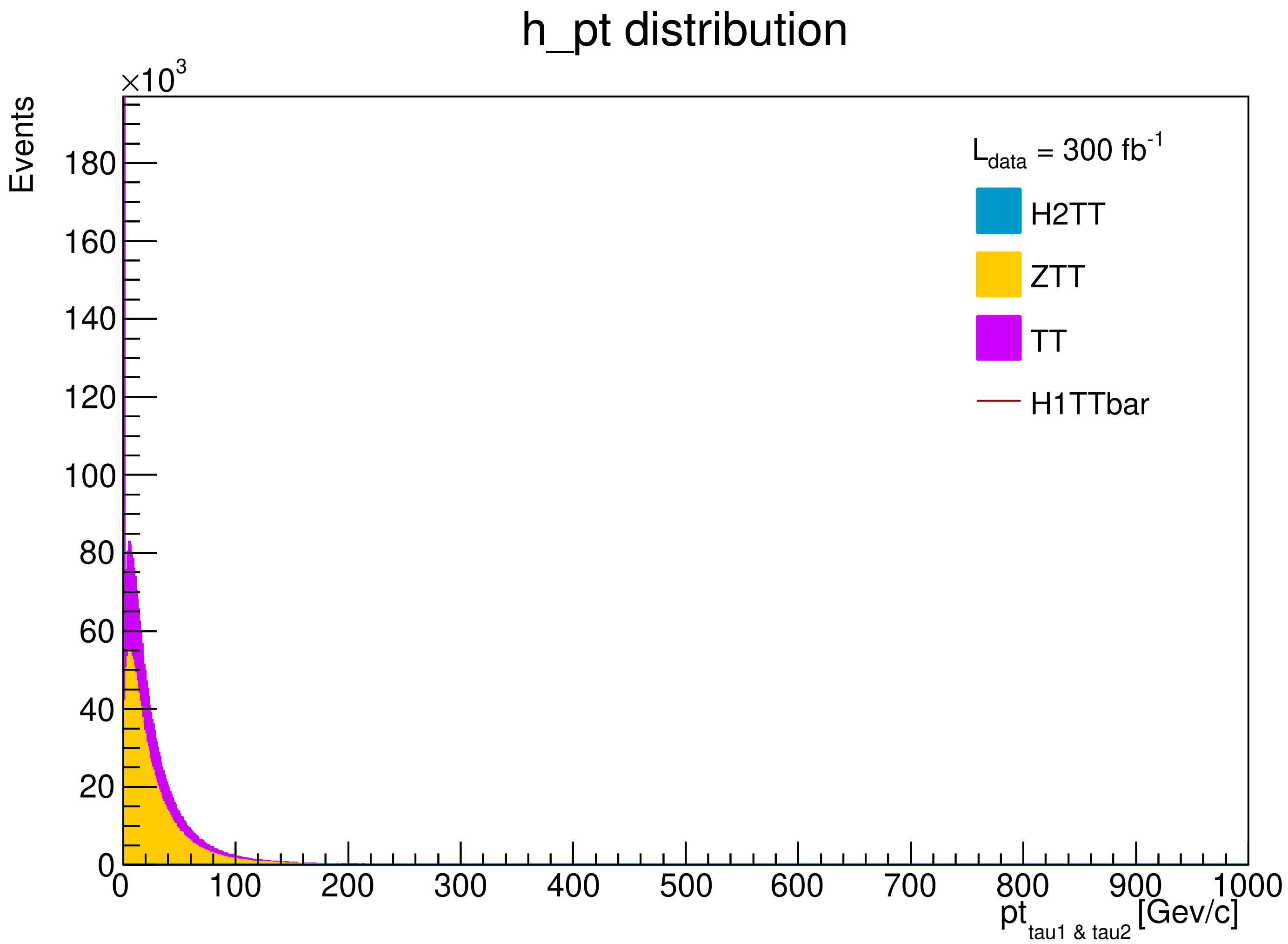
tau2_pt distribution
×10^3
Events
0
50
100
150
200
250
300
350
400
450
0
100
200
300
400
500
600
700
800
900
1000
pt tau2 [Gev/c]
L data = 300 fb -1
H2TT
ZTT
TT
H1TTbar



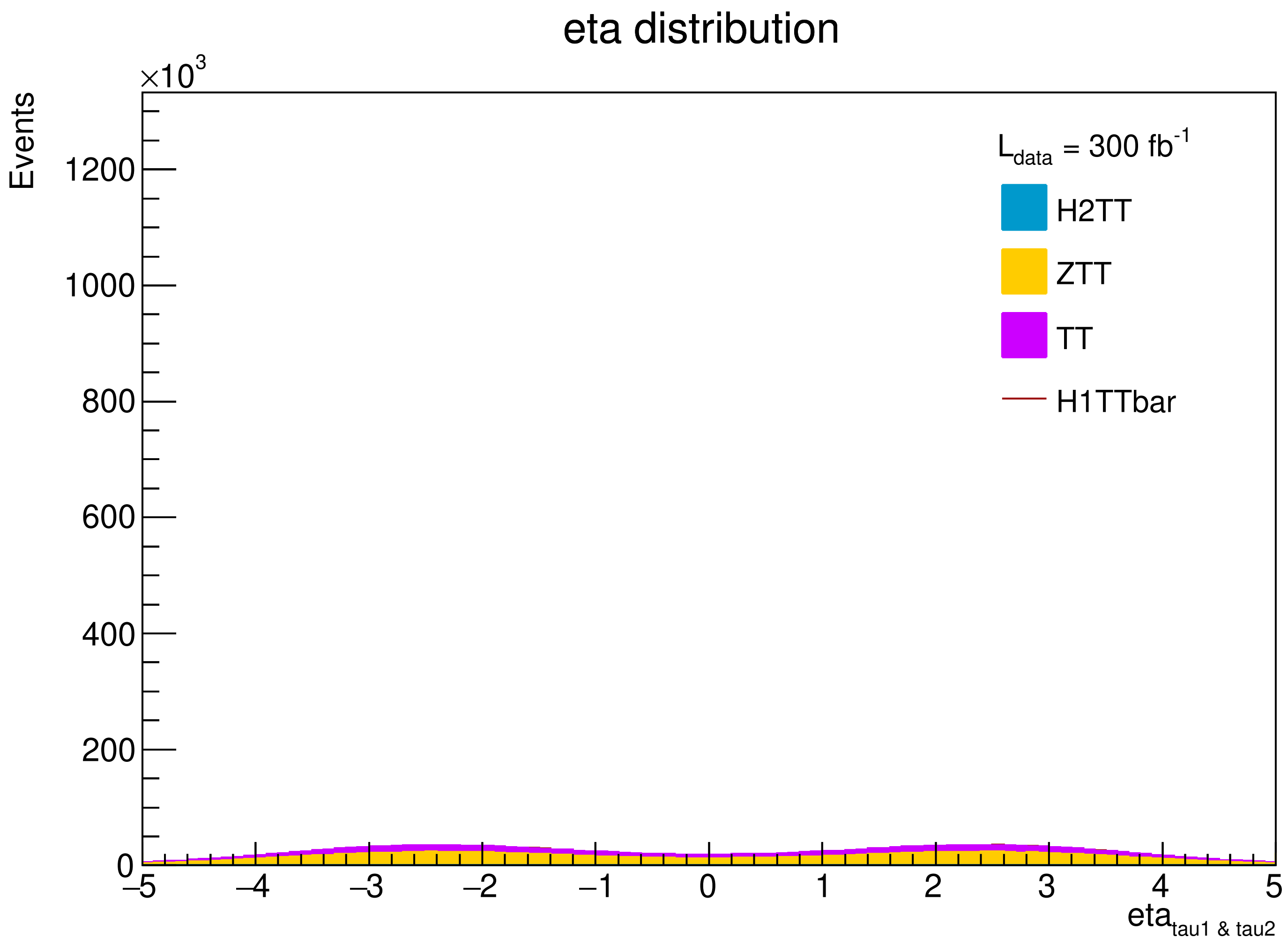
eta2_Eta distribution
×10^3
Events
200
180
160
140
120
100
80
60
40
20
0
−5
−4
−3
−2
−1
0
1
2
3
4
5
eta_tau2
L_data = 300 fb^-1
H2TT
ZTT
TT
H1TTbar



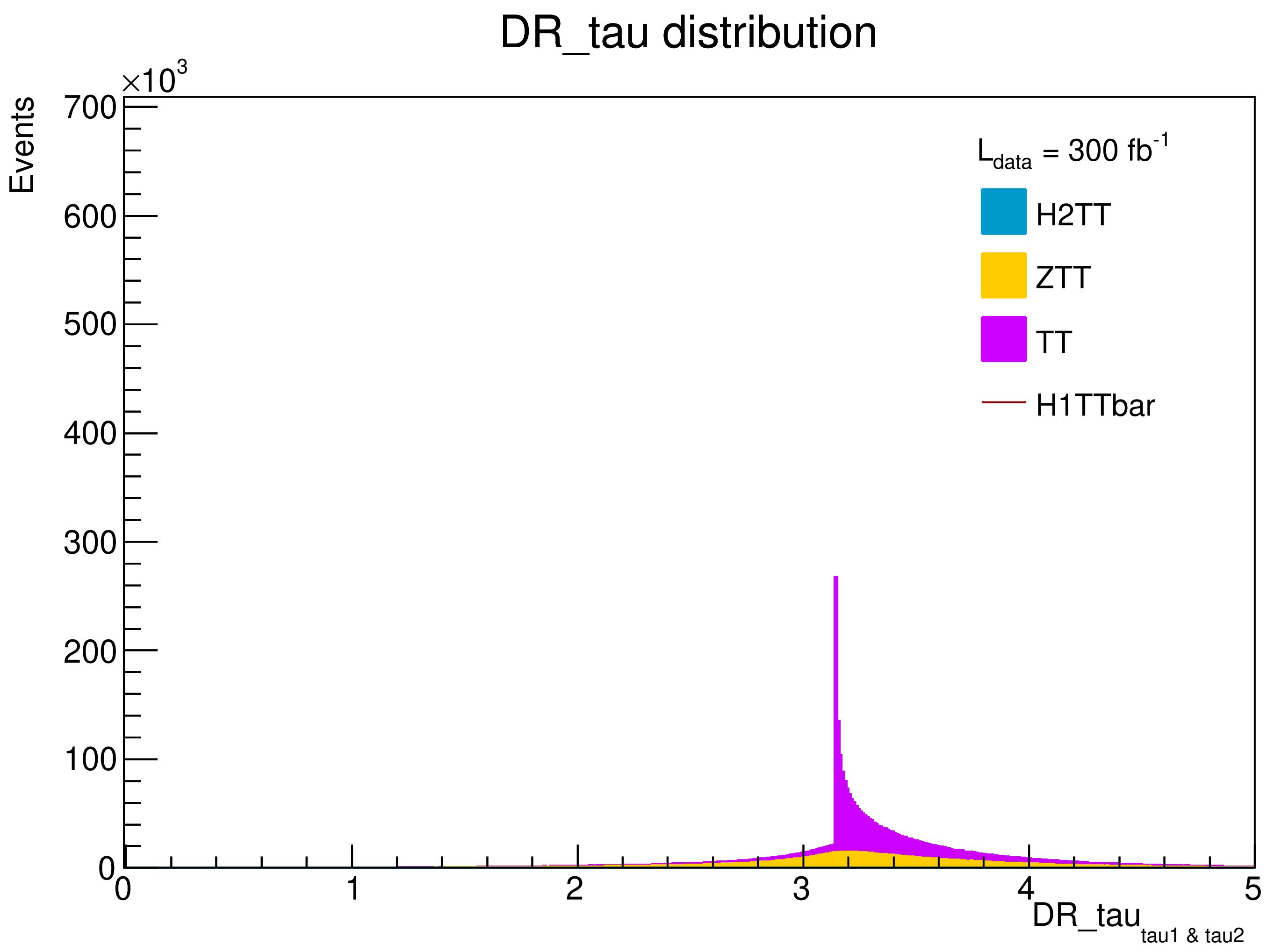
invariant mass distribution
×10^3
Events
L_{data} = 300 fb^{-1}
H2TT
ZTT
TT
H1TTbar
0
200
400
600
800
1000
1200
1400
0
100
200
300
400
500
600
700
800
900
1000
$M_{tau1\ \&\ tau2}$ [Gev]



h_pt distribution
Events
×10^3
180
160
140
120
100
80
60
40
20
0
0
100
200
300
400
500
600
700
800
900
1000
pt tau1 & tau2 [Gev/c]
L data = 300 fb-1
H2TT
ZTT
TT
H1TTbar



eta distribution
×10^3
Events
1200
1000
800
600
400
200
0
–5
–4
–3
–2
–1
0
1
2
3
4
5
eta_tau1 & tau2
L_data = 300 fb^-1
H2TT
ZTT
TT
H1TTbar



DR_tau distribution
×10^3
Events
700
600
500
400
300
200
100
0
0
1
2
3
4
5
DR_tau tau1 & tau2
L data = 300 fb -1
H2TT
ZTT
TT
H1TTbar