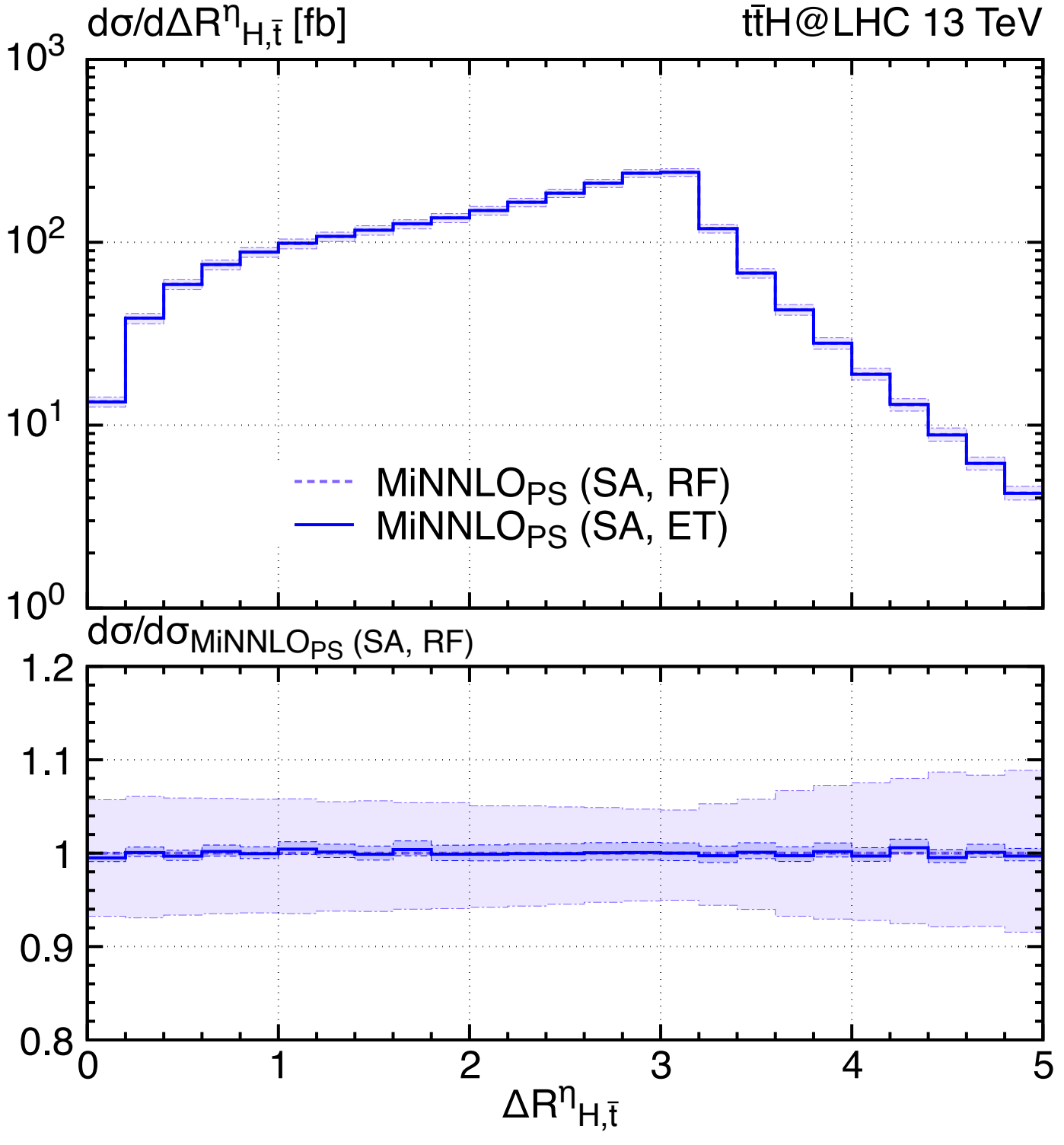
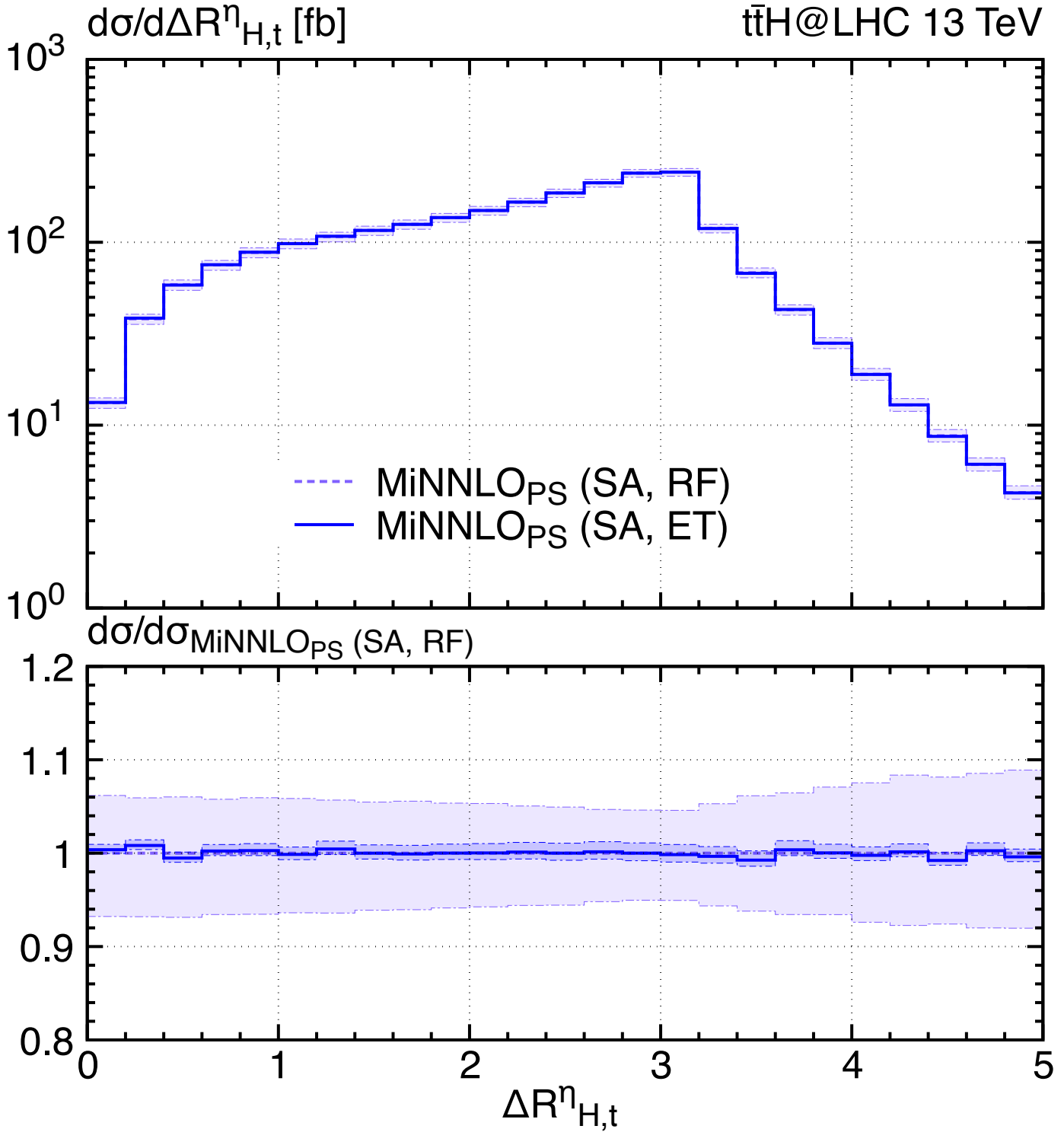
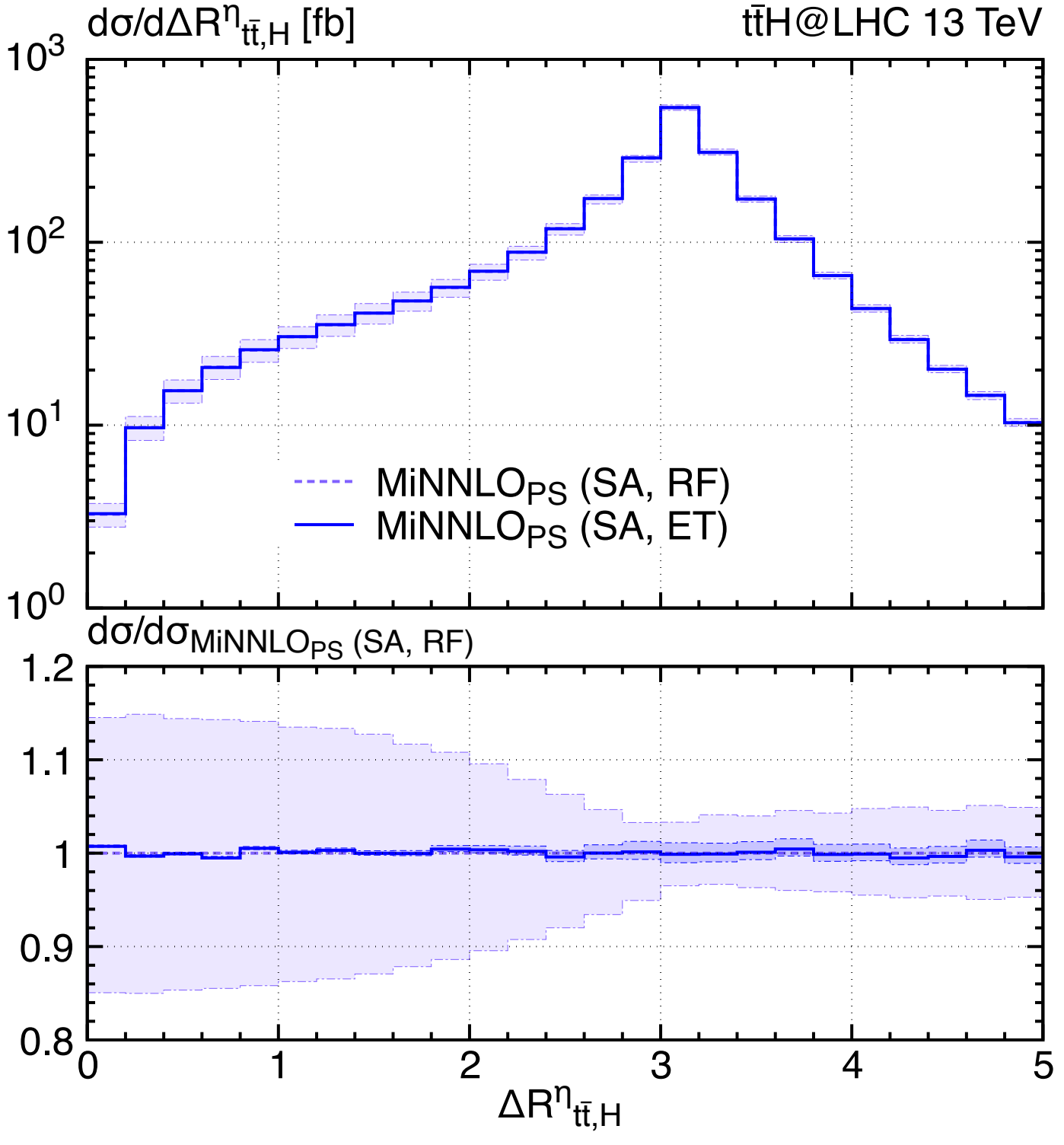
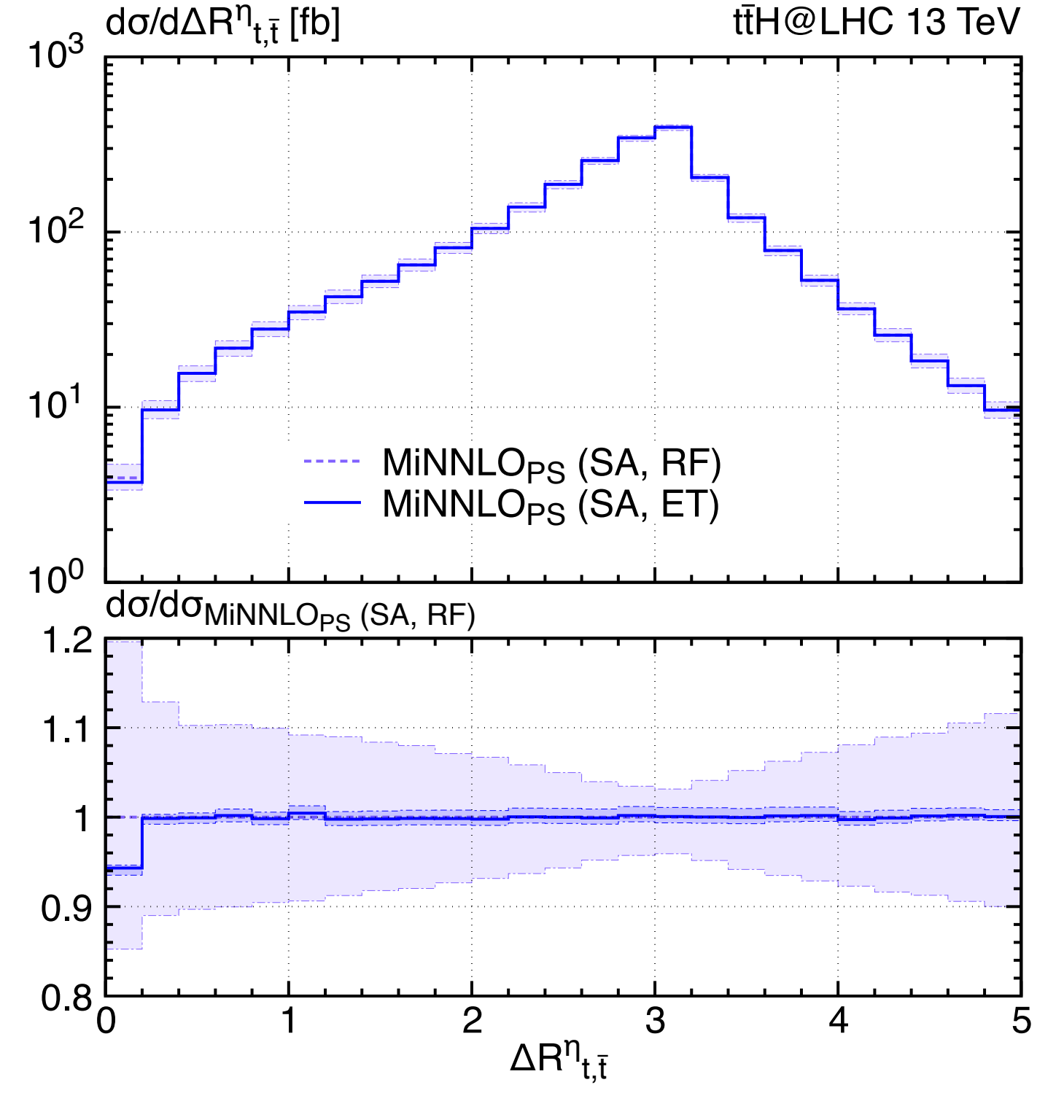
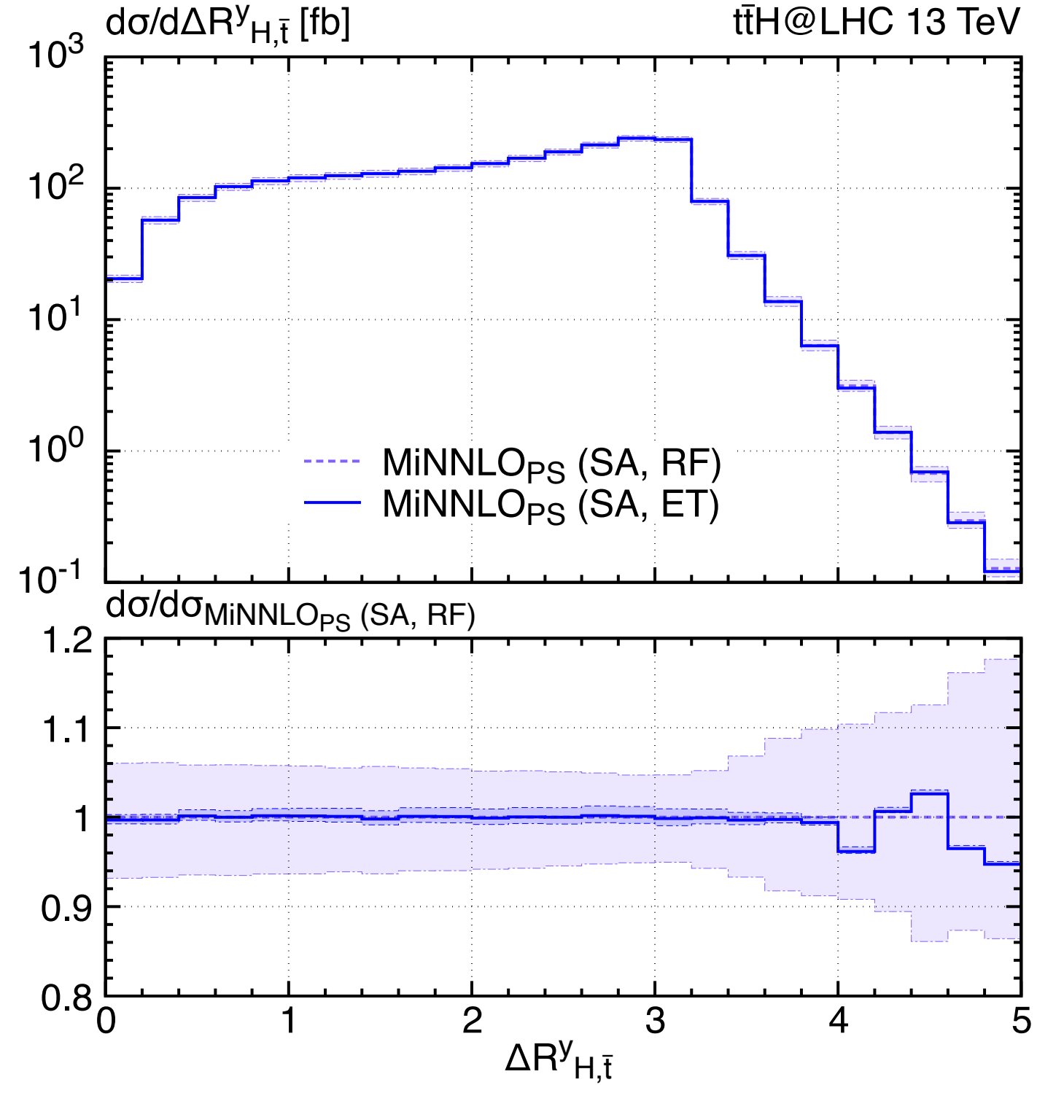
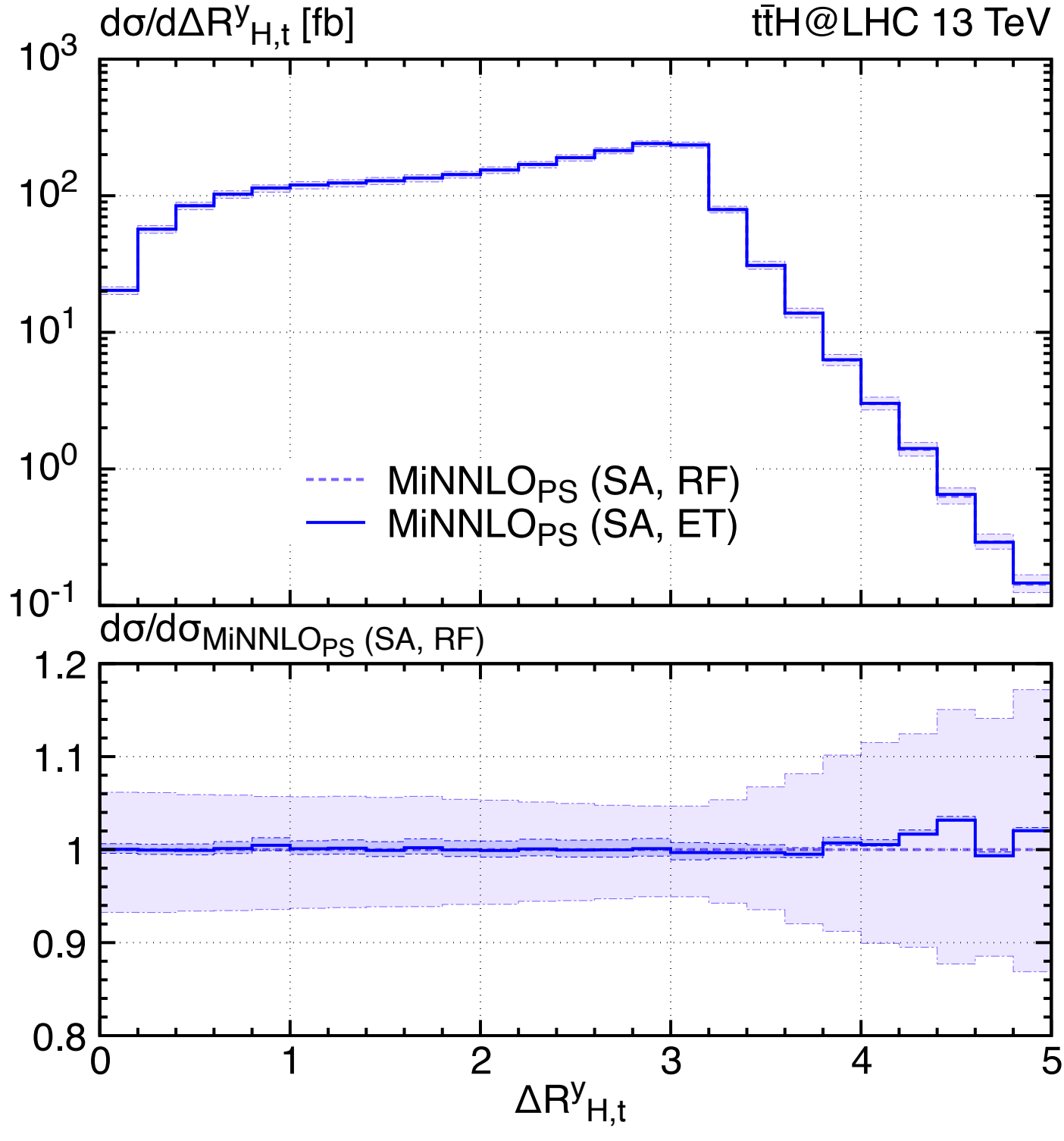

dσ/dΔR^η_{H,t̄} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
1
2
3
4
5
ΔR^η_{H,t̄}

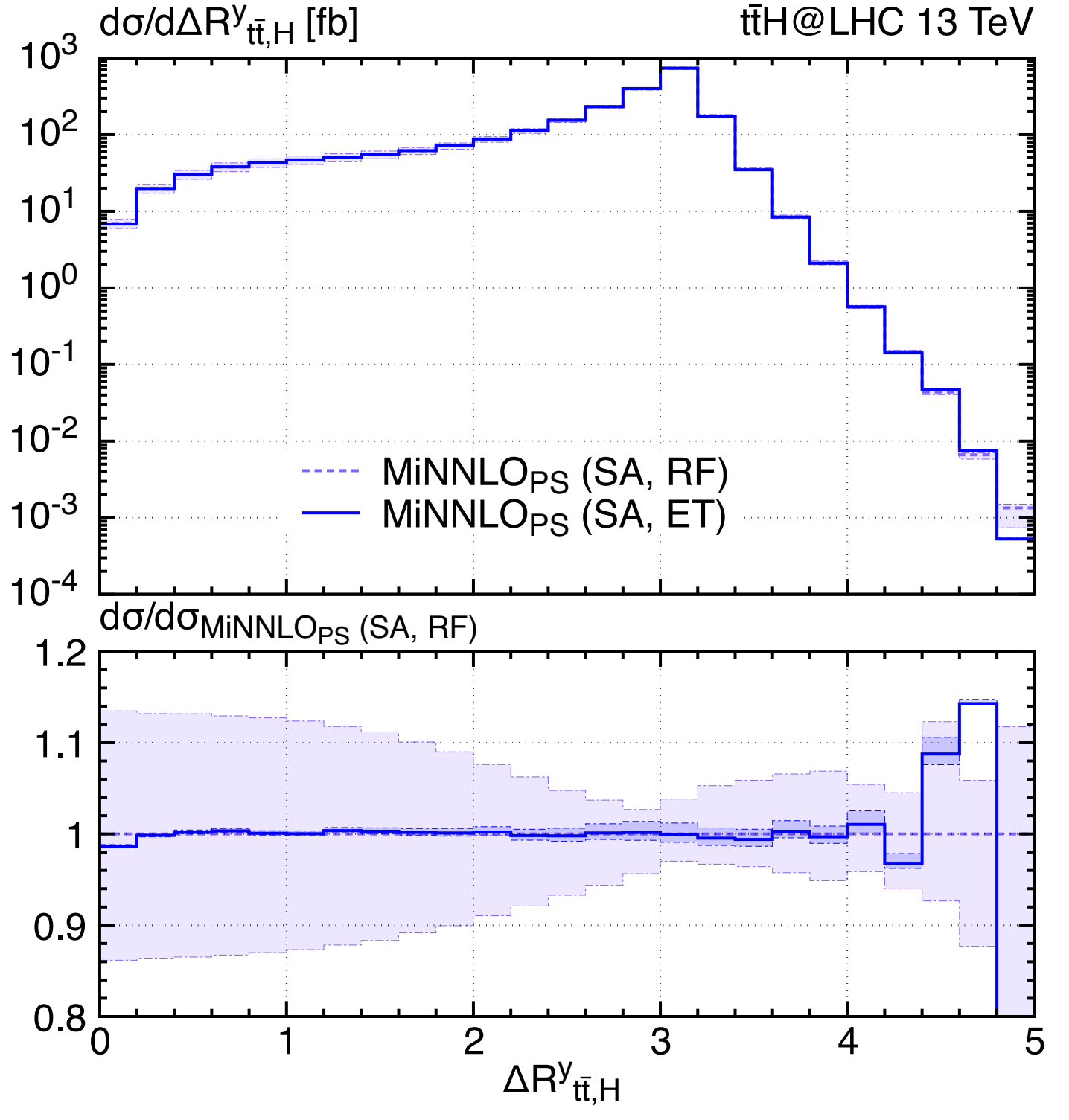

dσ/dΔR^η_{H,t} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
1
2
3
4
5
ΔR^η_{H,t}

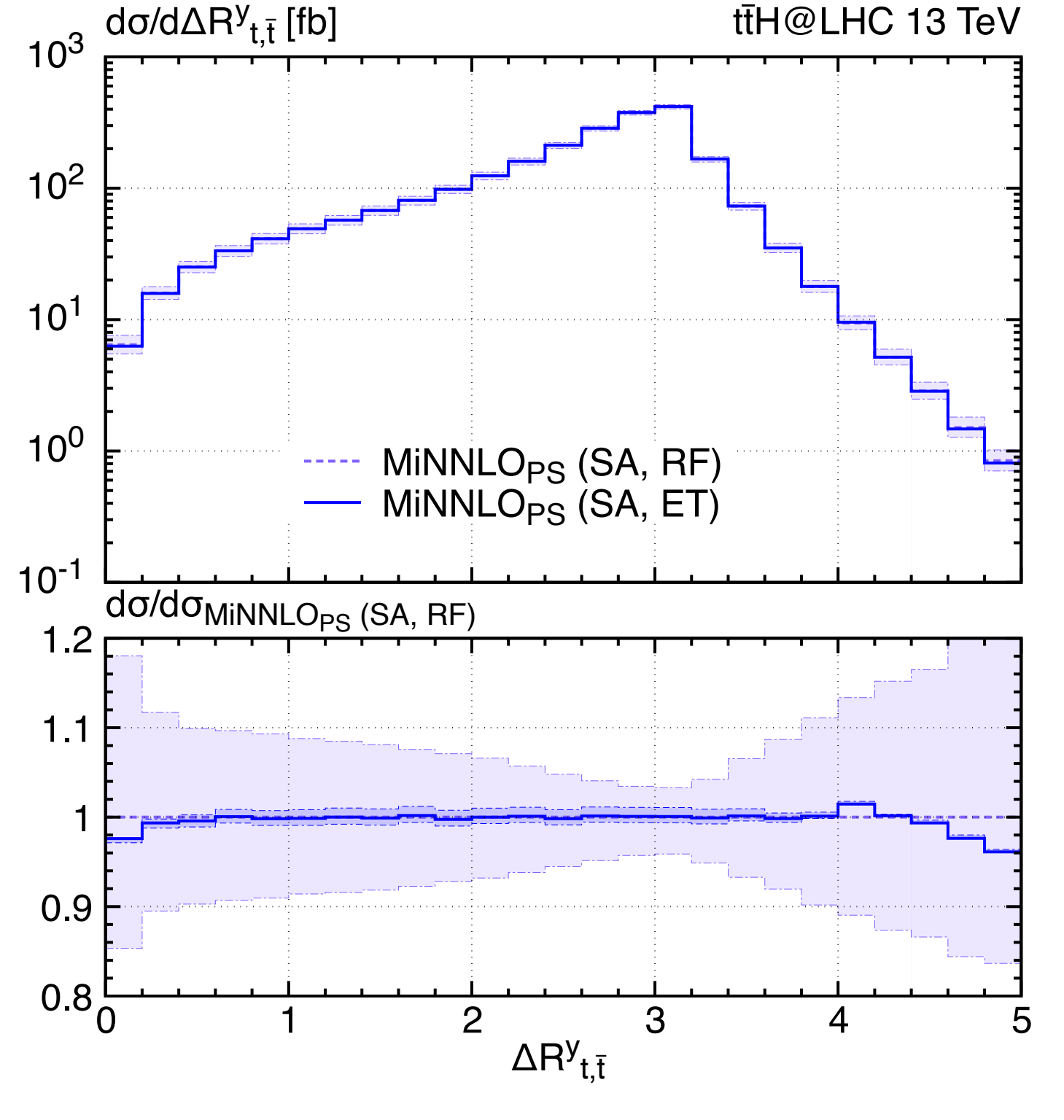

dσ/dΔR^η_{tt̄,H} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
1
2
3
4
5
ΔR^η_{tt̄,H}

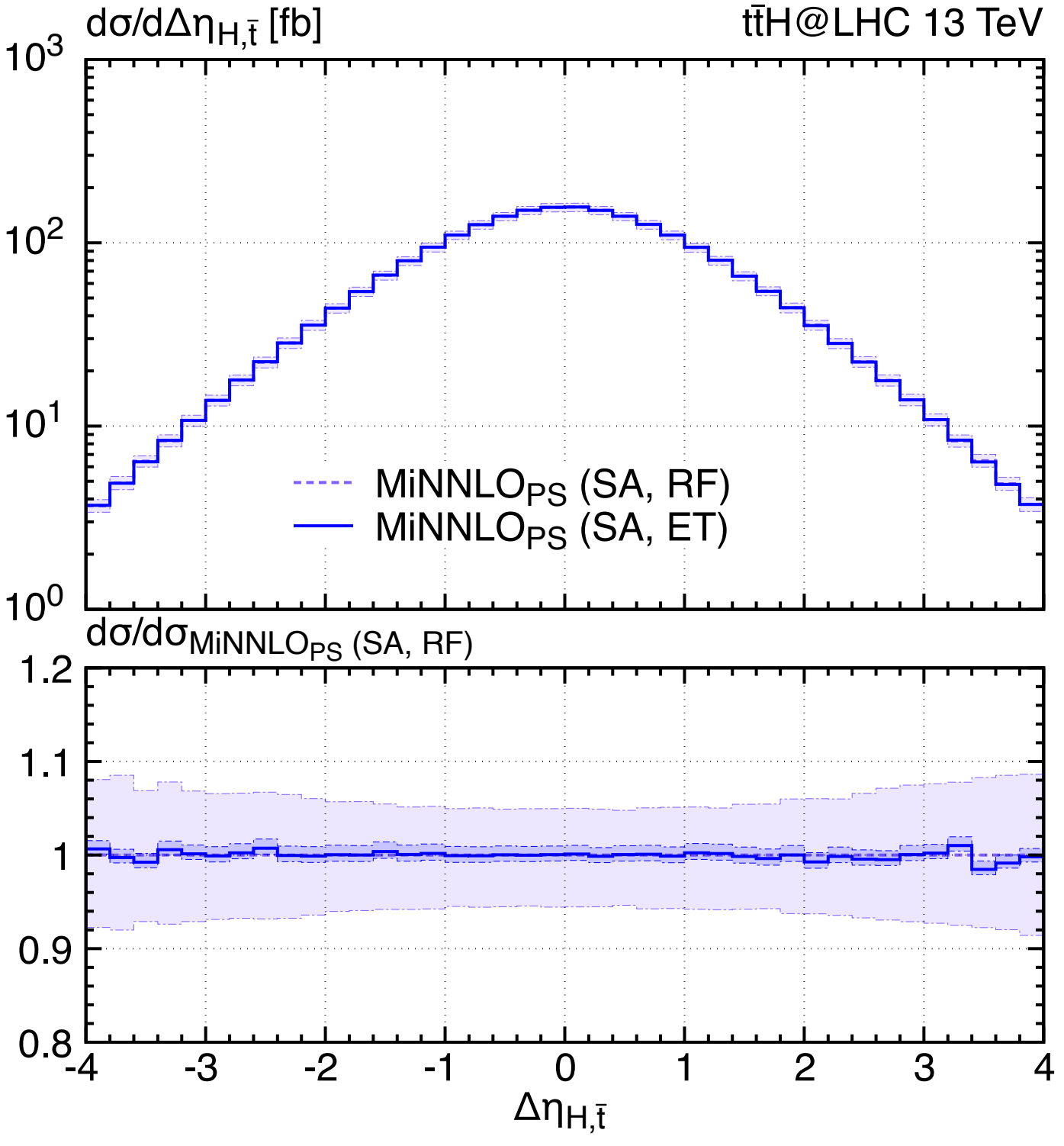

dσ/dΔR^η_{t,t̄} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
1
2
3
4
5
ΔR^η_{t,t̄}

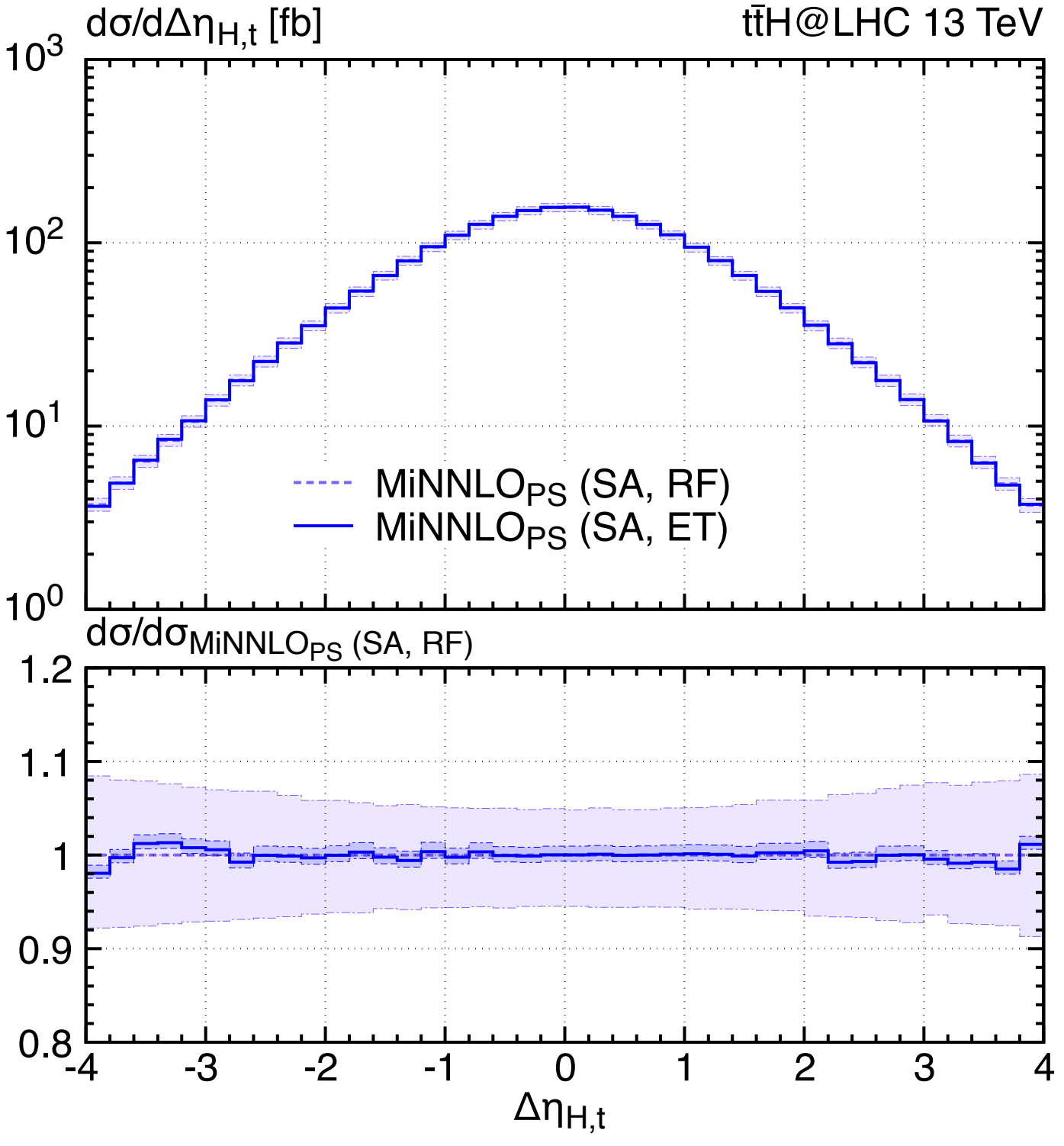

dσ/dΔR^y_{H,t̄} [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
ΔR^y_{H,t̄}

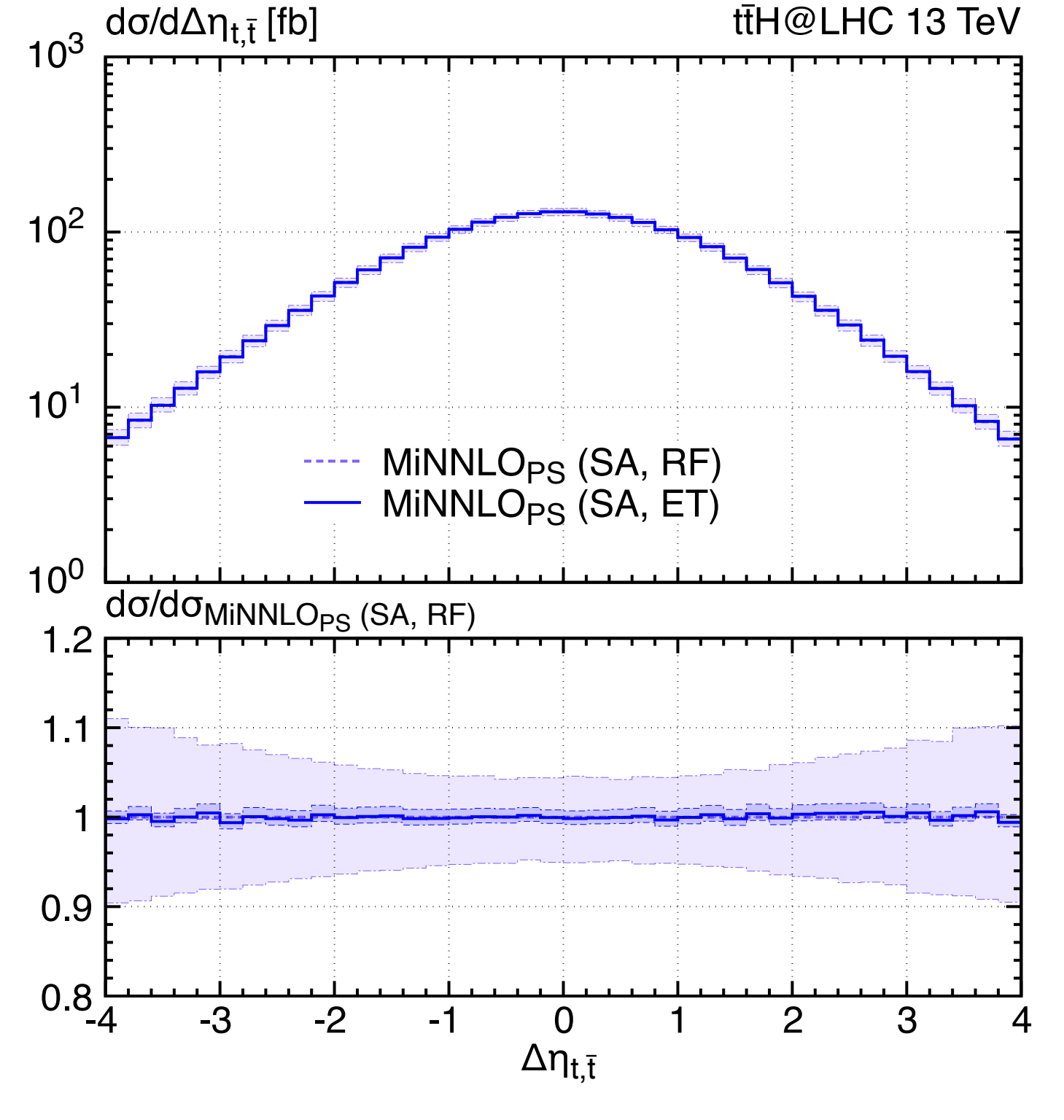

dσ/dΔR^y_{H,t} [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
ΔR^y_{H,t}

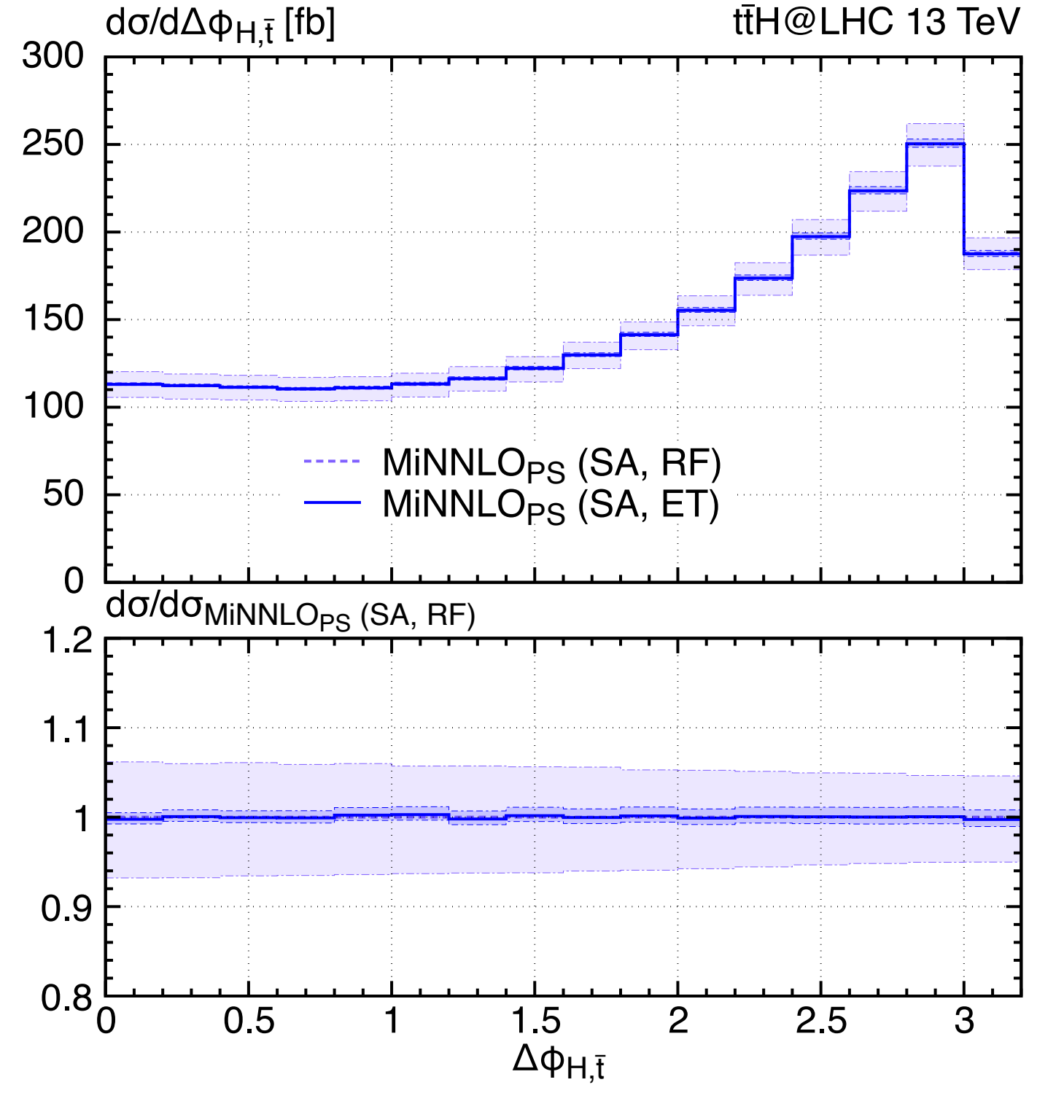

dσ/dΔR^y_{tt̄,H} [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
ΔR^y_{tt̄,H}

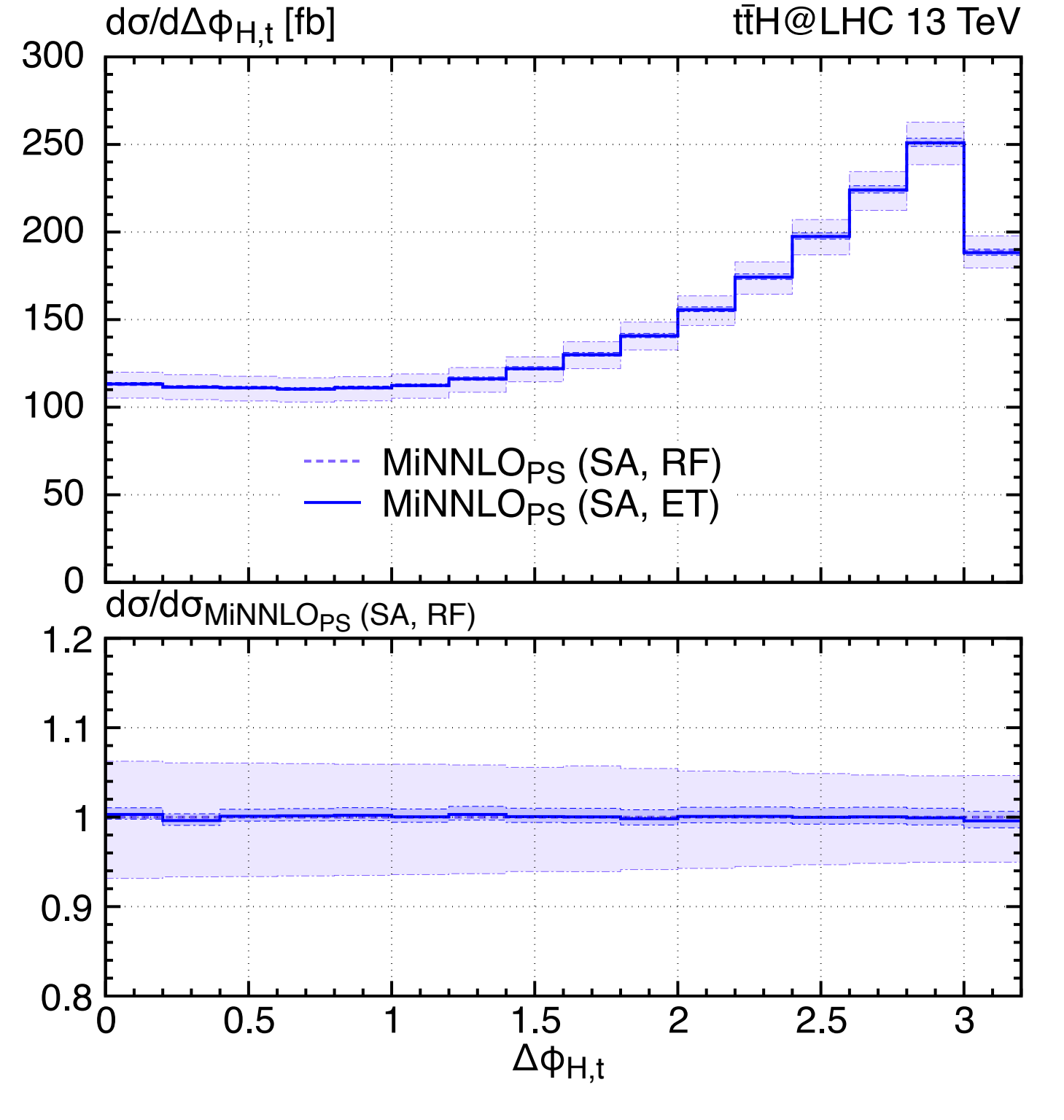

dσ/dΔR^y_{t,t̄} [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
ΔR^y_{t,t̄}

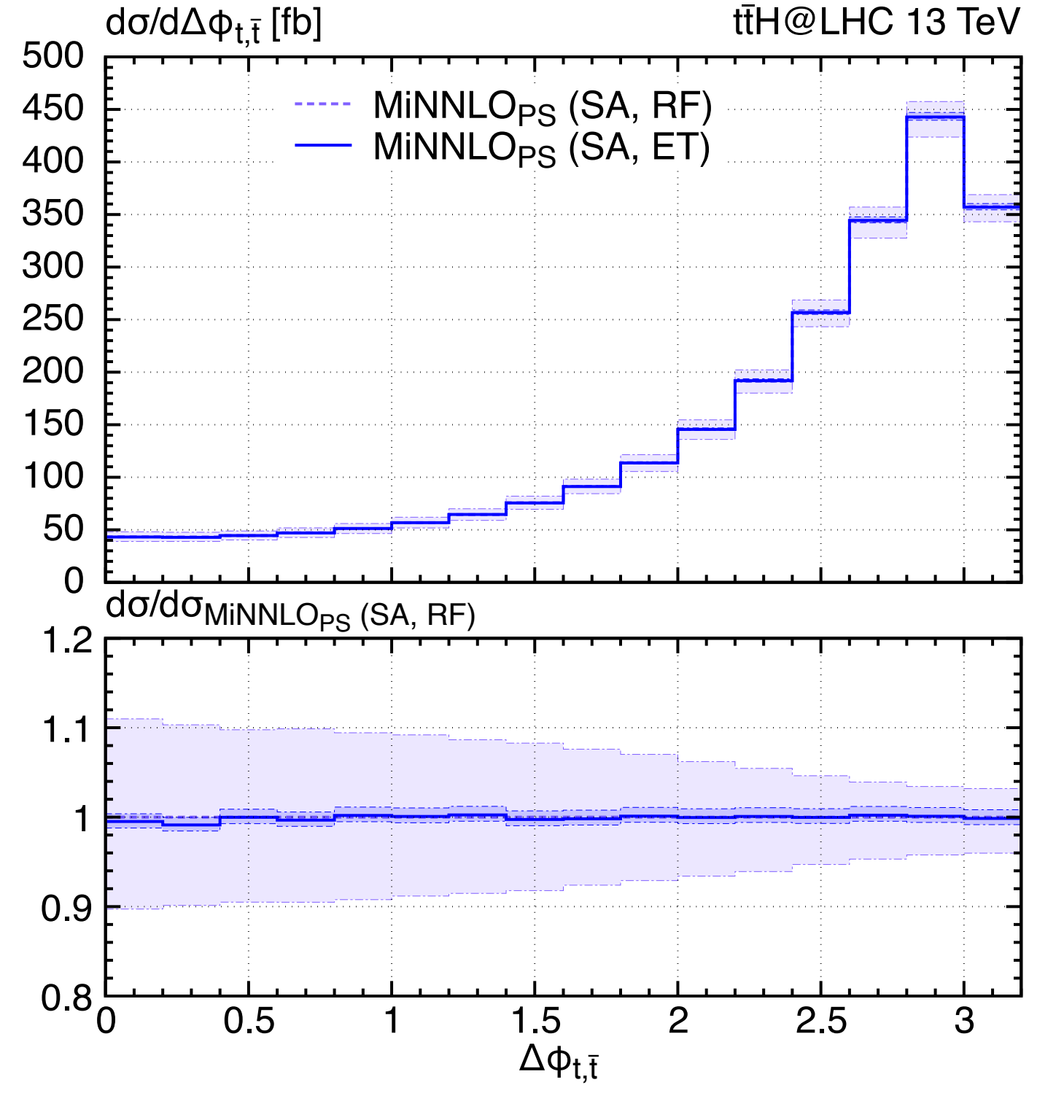

dσ/dΔη_{H,t̄} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
Δη_{H,t̄}

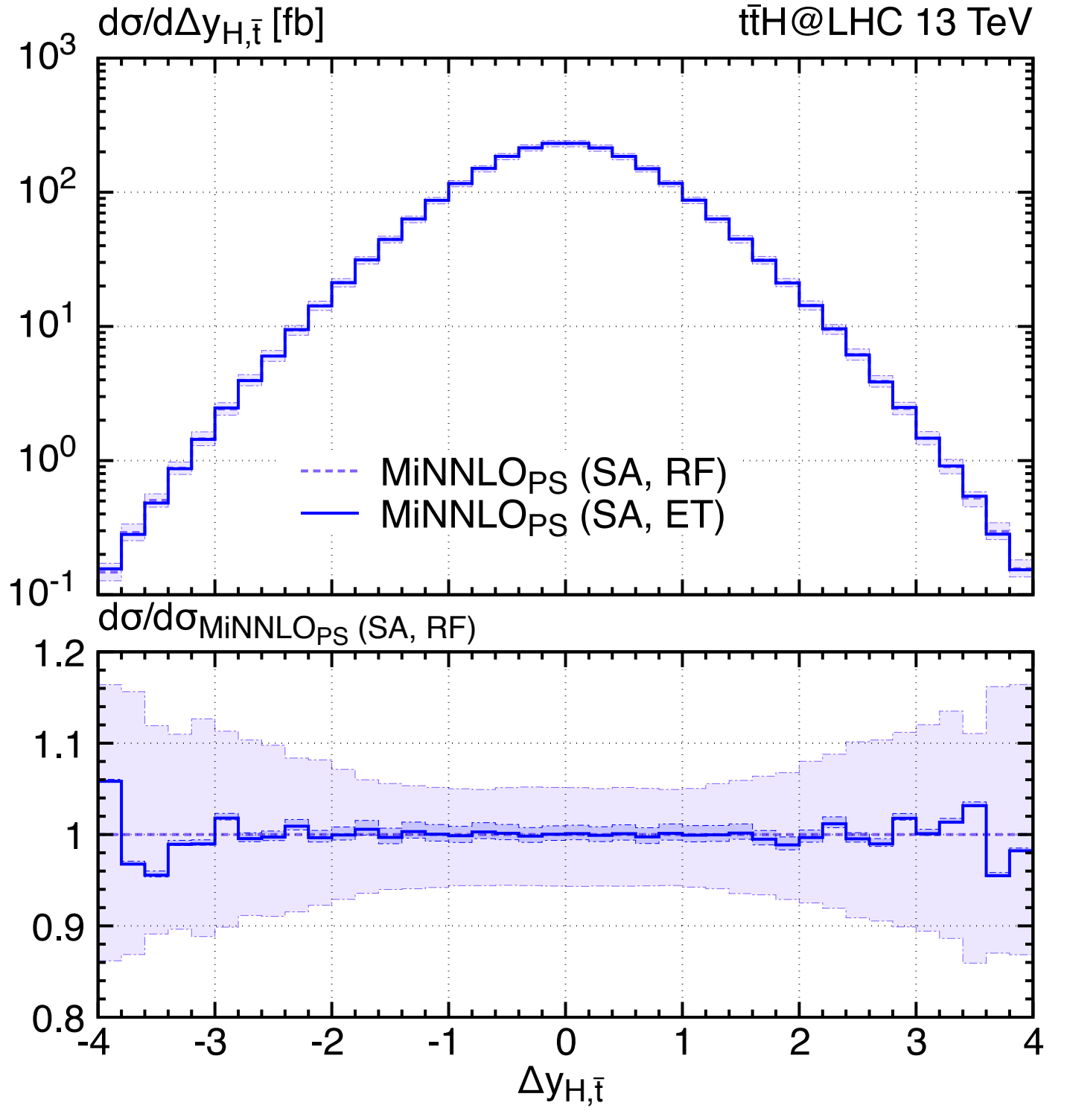

dσ/dΔη_{H,t} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
Δη_{H,t}

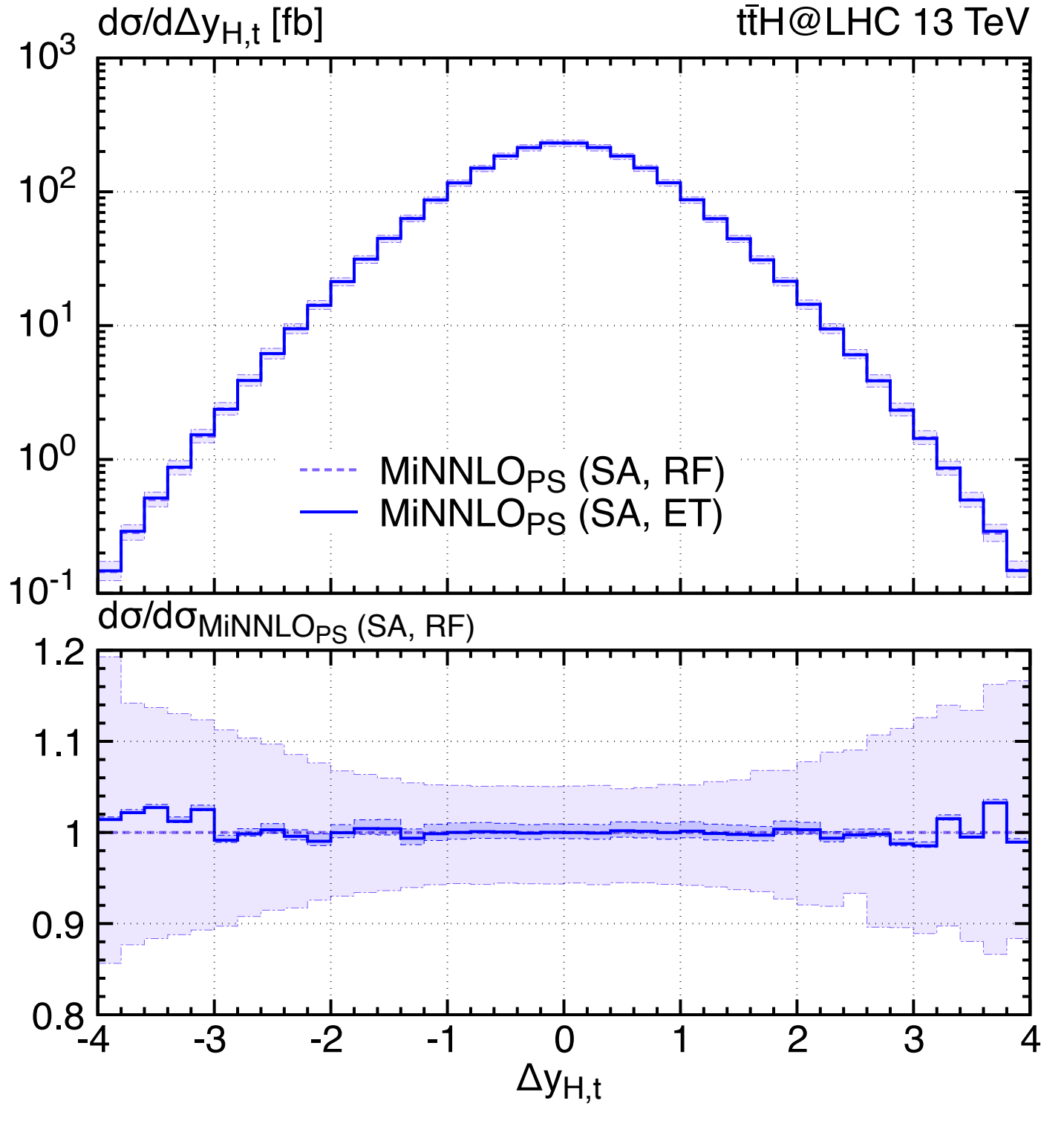

dσ/dΔη_{t,t̄} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
Δη_{t,t̄}

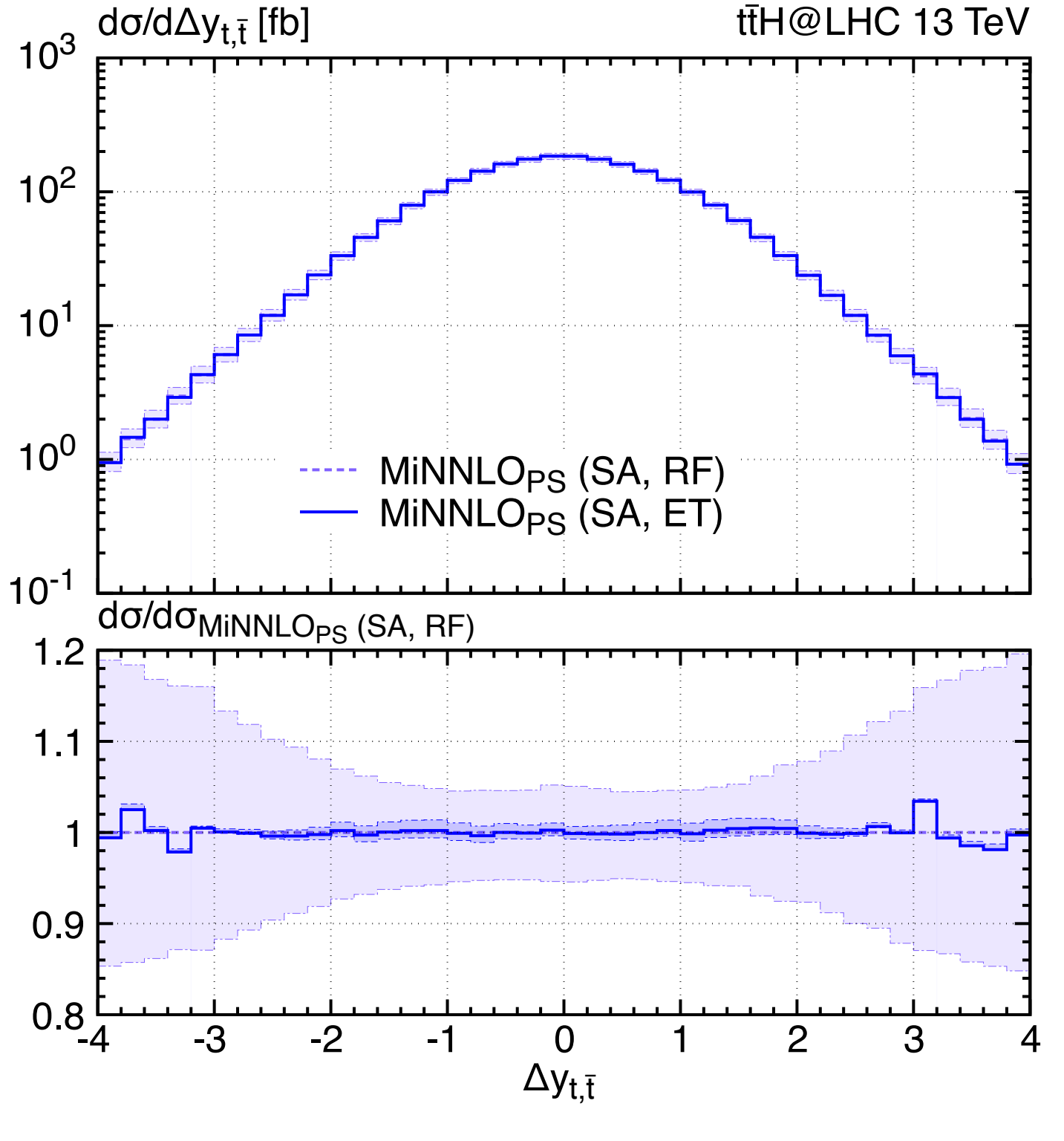

dσ/dΔφ_{H,t̄} [fb]
ttH@LHC 13 TeV
300
250
200
150
100
50
0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
0.5
1
1.5
2
2.5
3
Δφ_{H,t̄}

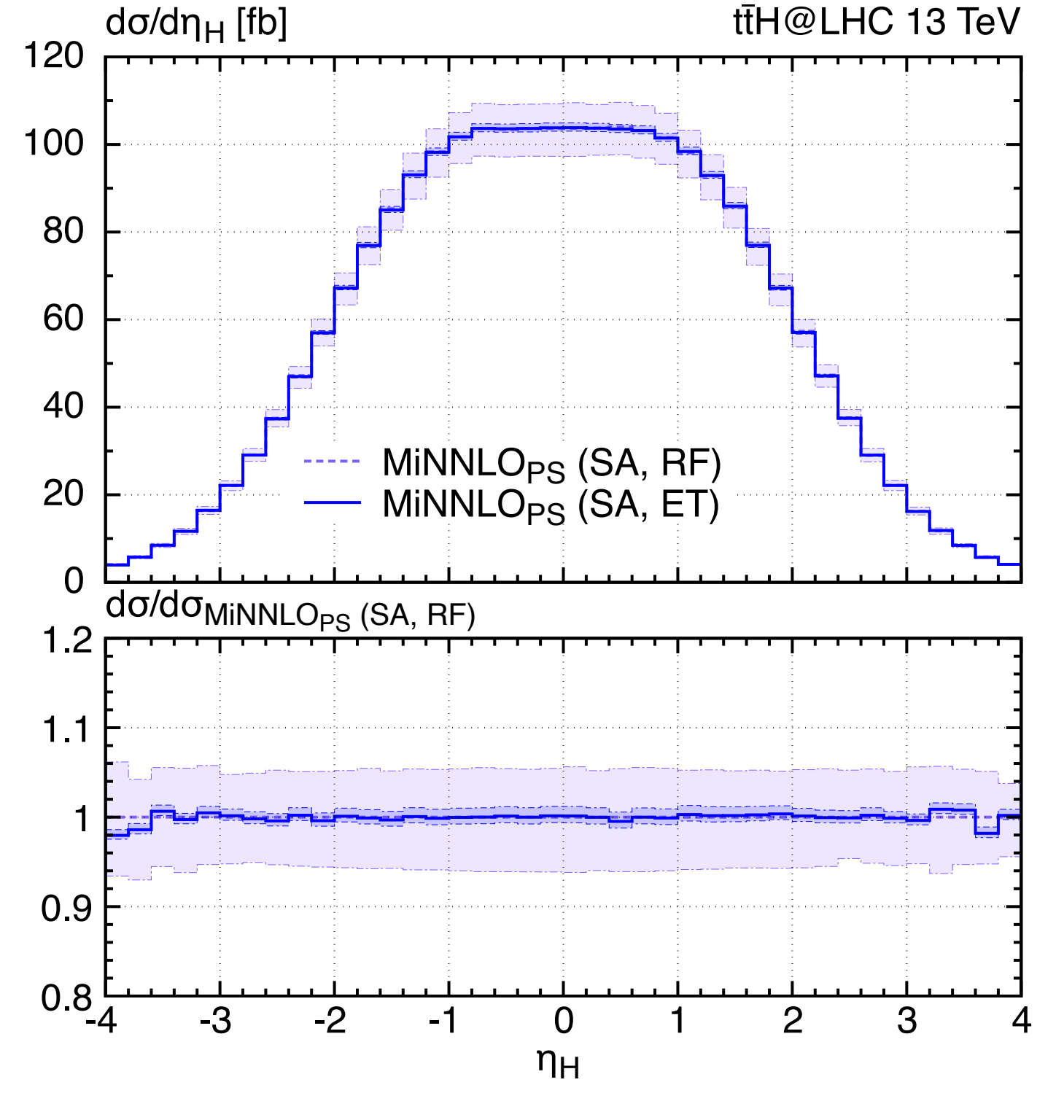

dσ/dΔφH,t [fb]
ttH@LHC 13 TeV
300
250
200
150
100
50
0
MiNNLOPS (SA, RF)
MiNNLOPS (SA, ET)
dσ/dσMiNNLOPS (SA, RF)
1.2
1.1
1
0.9
0.8
0
0.5
1
1.5
2
2.5
3
ΔφH,t

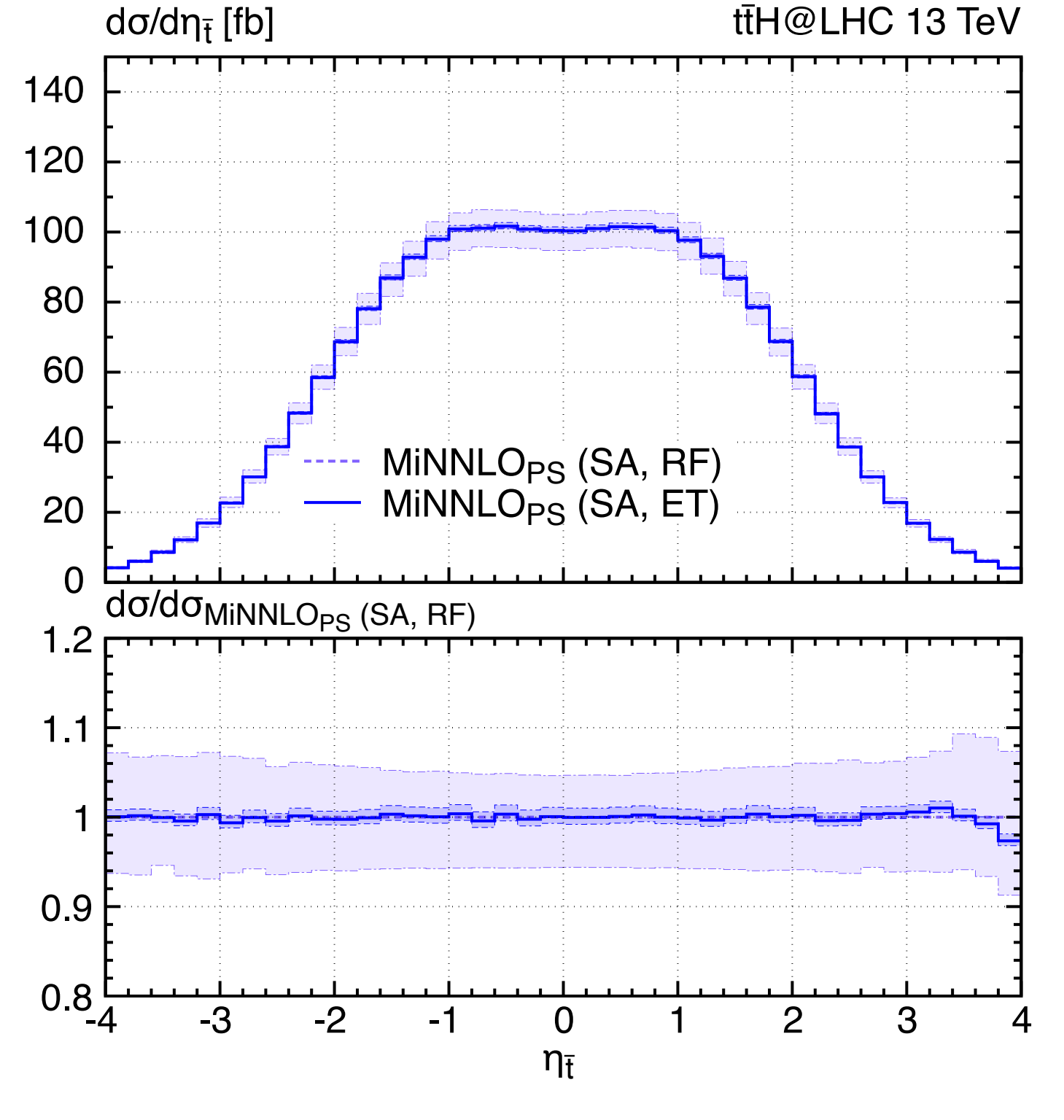

dσ/dΔφ_{t,t̄} [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
500
450
400
350
300
250
200
150
100
50
0
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
0.5
1
1.5
2
2.5
3
Δφ_{t,t̄}

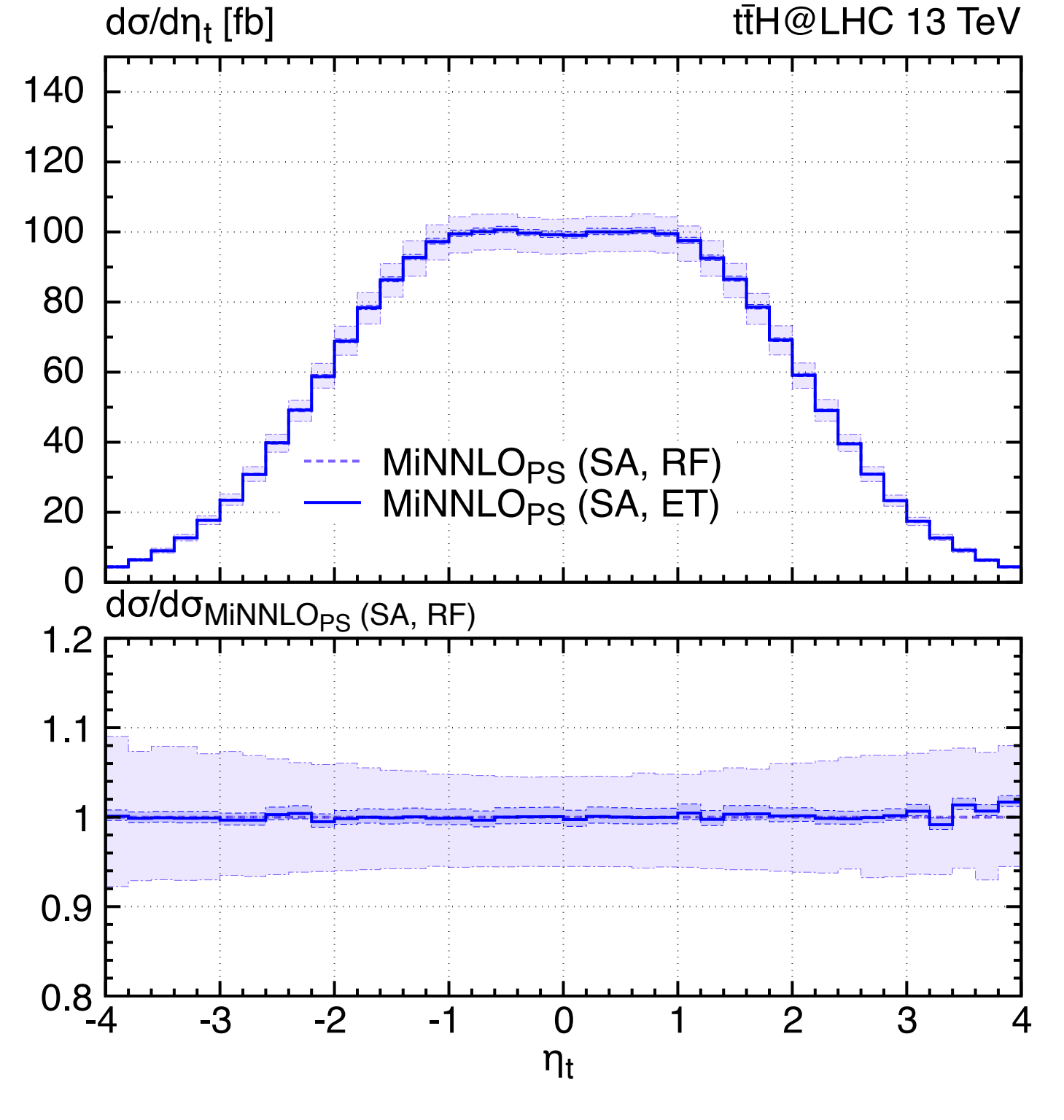

dσ/dΔy_{H,t̄} [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
Δy_{H,t̄}

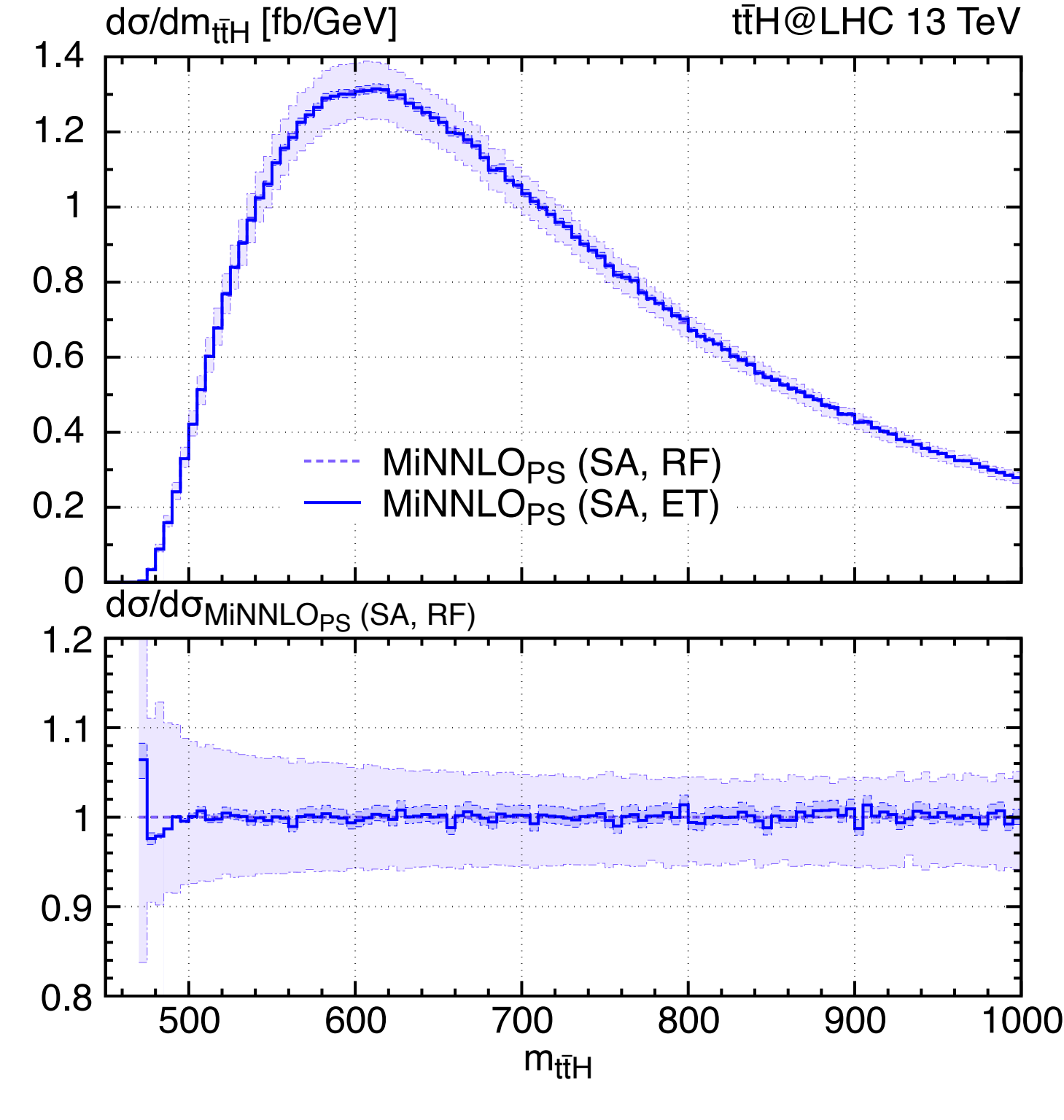

dσ/dΔy_{H,t} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
10^-1
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
Δy_{H,t}

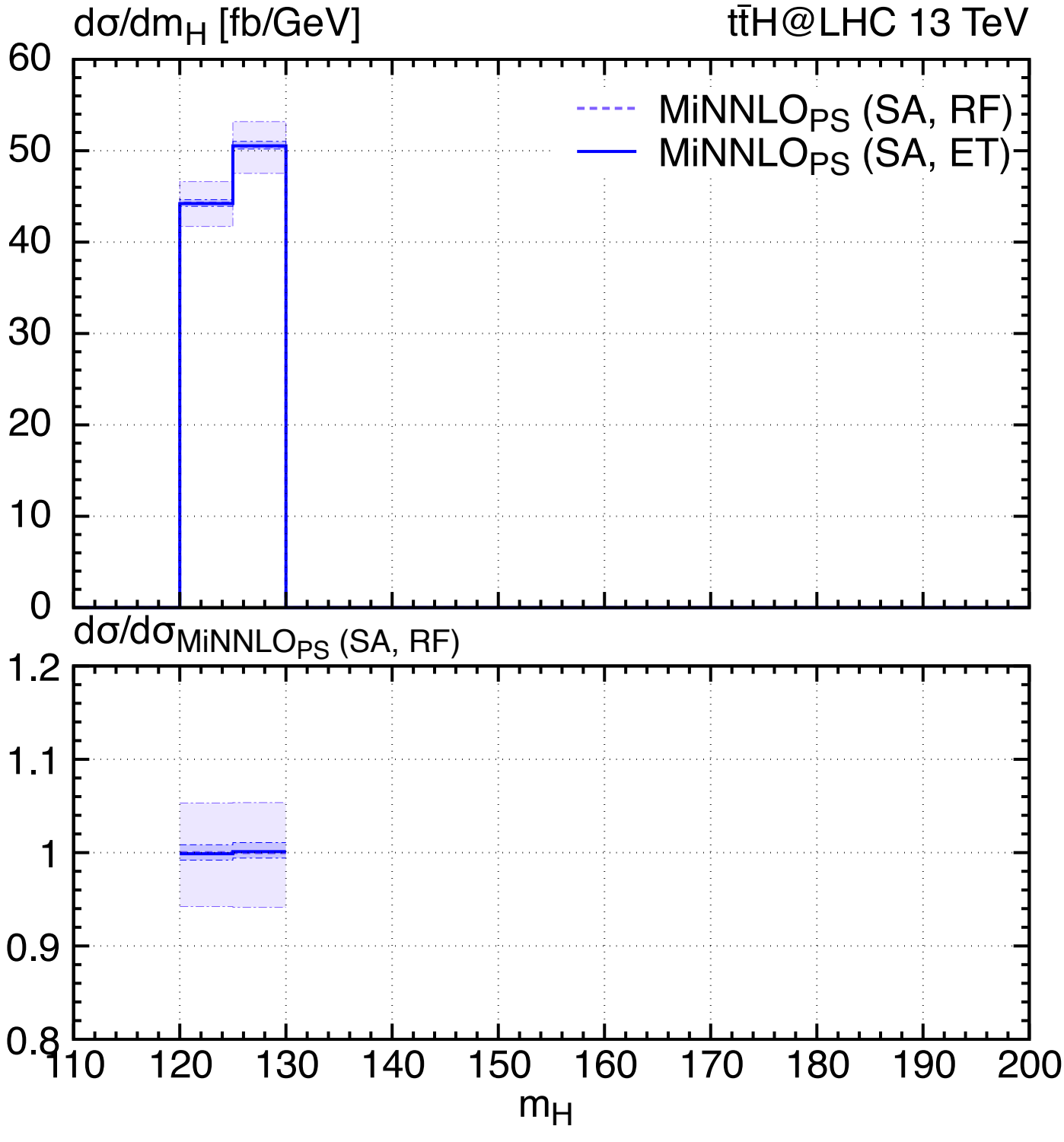

dσ/dΔy_{t,t̄} [fb]
ttH@LHC 13 TeV
10^3
10^2
10^1
10^0
10^-1
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
Δy_{t,t̄}

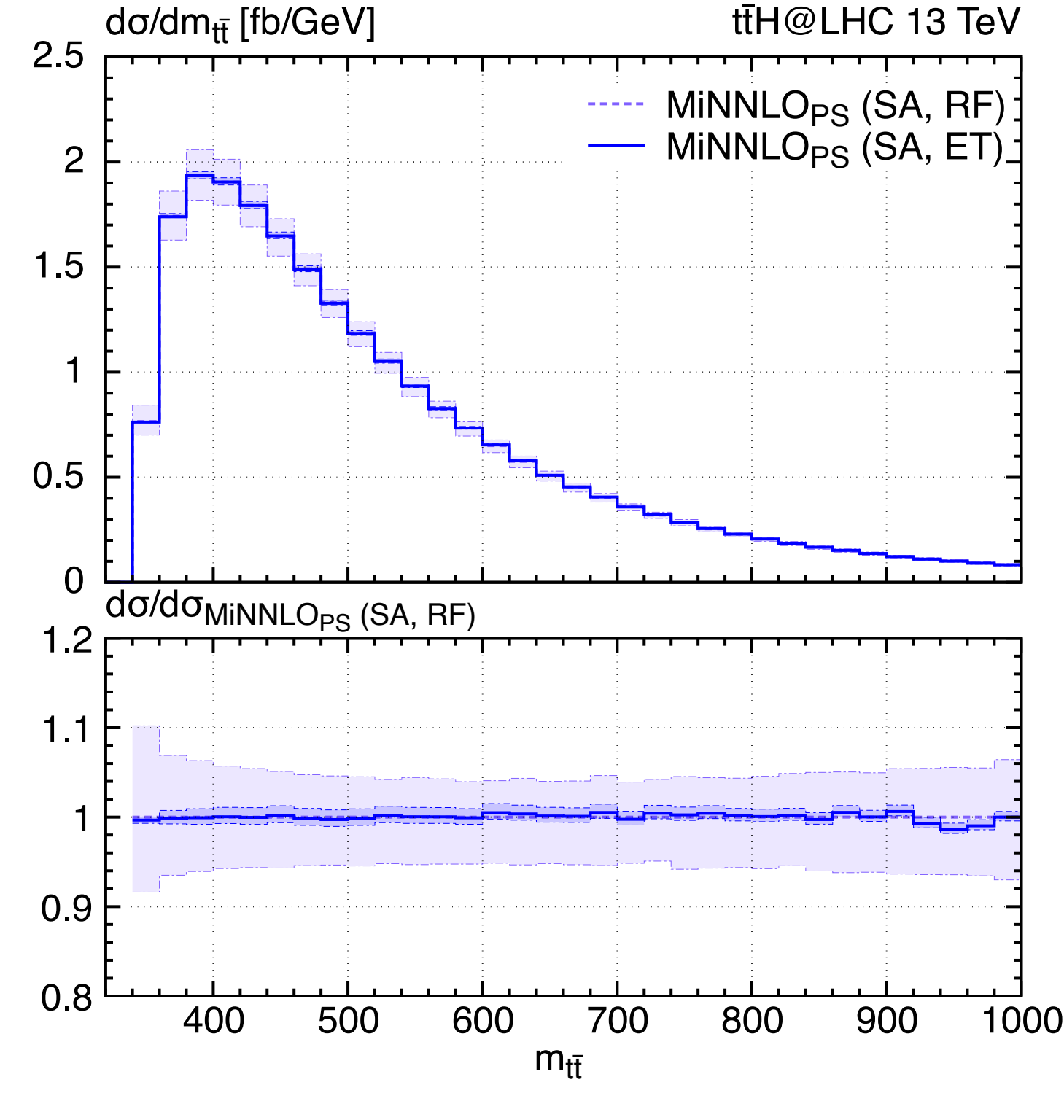

dσ/dη_H [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_MiNNLO_PS (SA, RF)
η_H

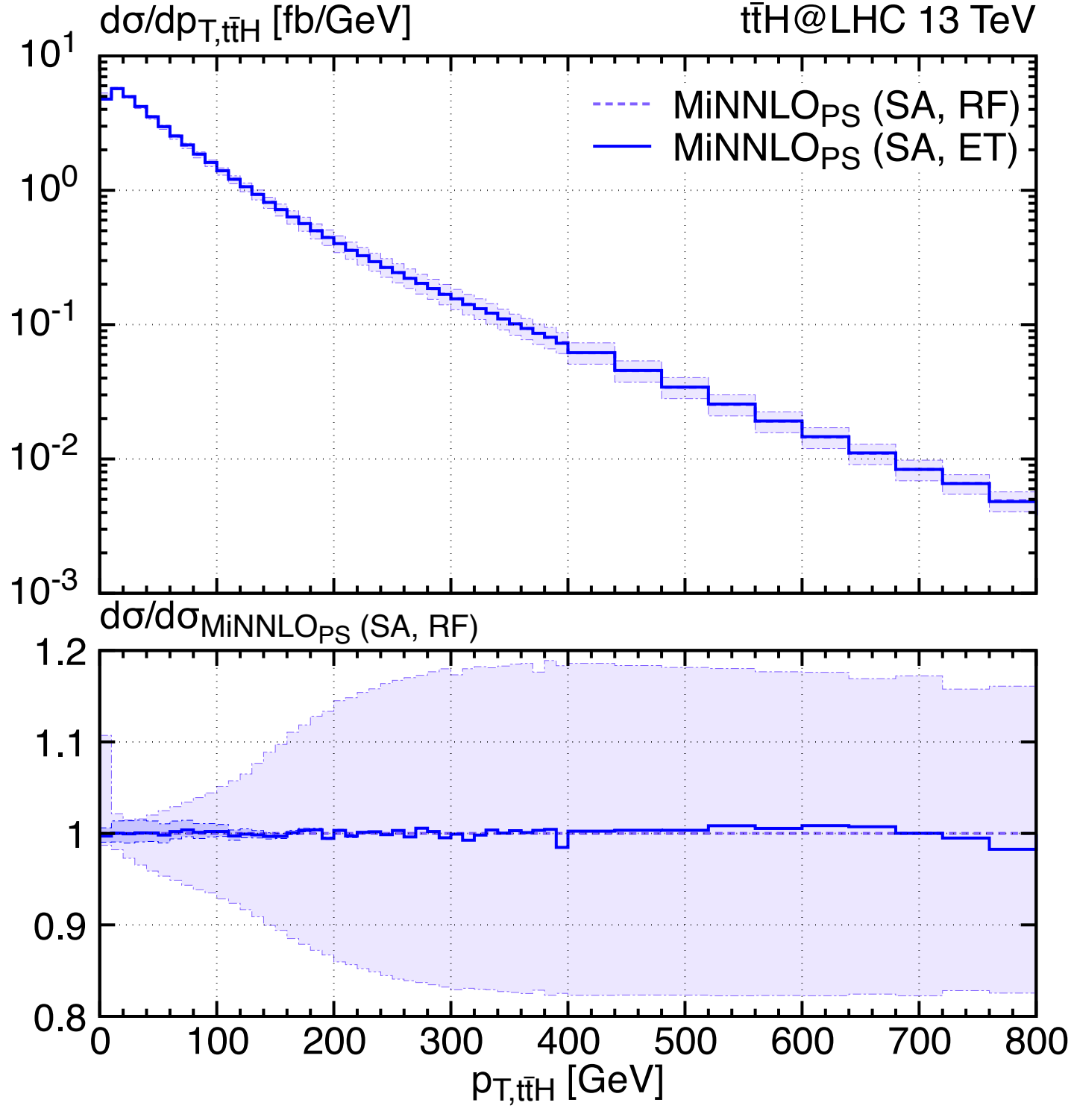

dσ/dη_t̄ [fb]
ttH@LHC 13 TeV
140
120
100
80
60
40
20
0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_MiNNLO_PS (SA, RF)
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
η_t̄

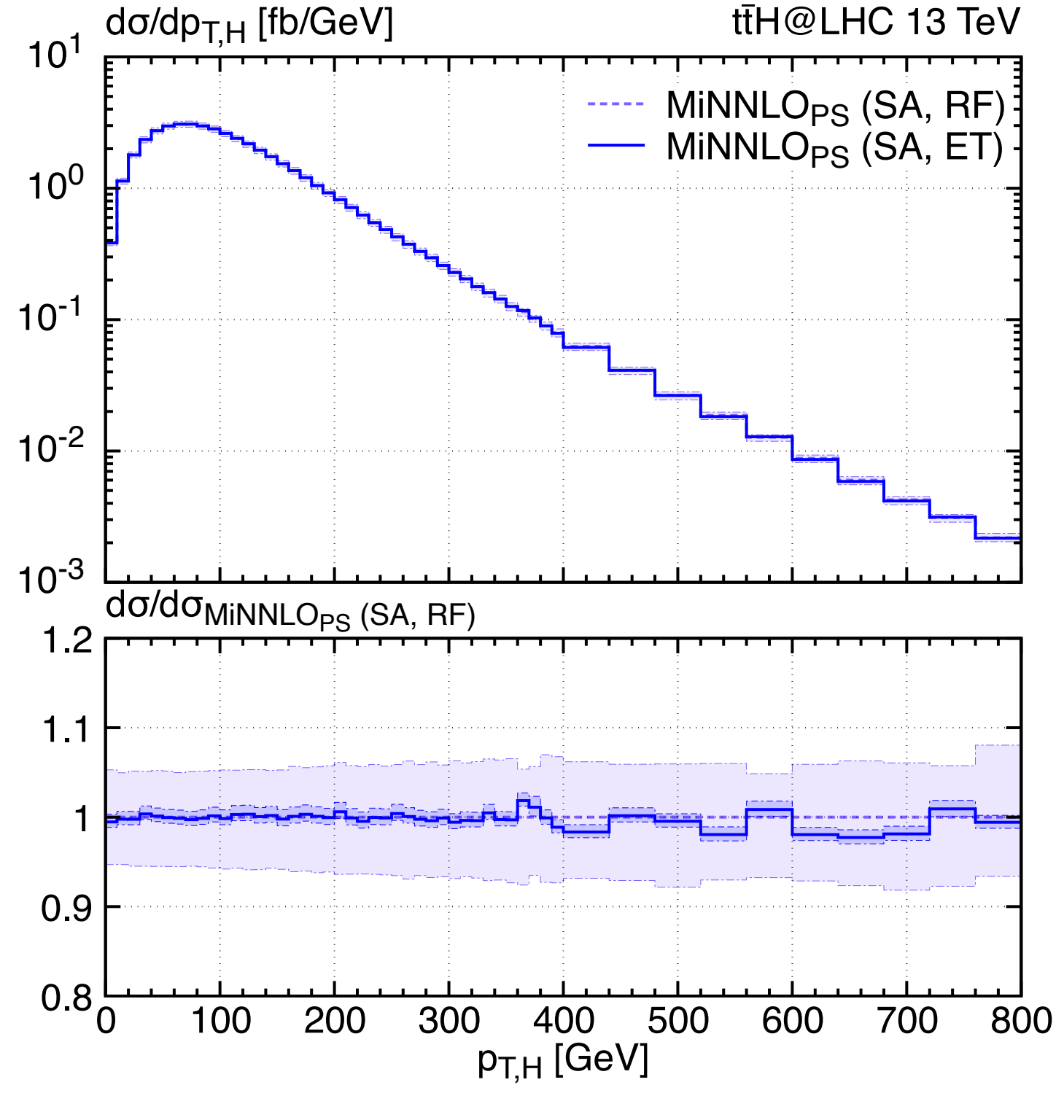

dσ/dη_t [fb]
ttH@LHC 13 TeV
140
120
100
80
60
40
20
0
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_MiNNLO_PS (SA, RF)
1.2
1.1
1
0.9
0.8
-4
-3
-2
-1
0
1
2
3
4
η_t

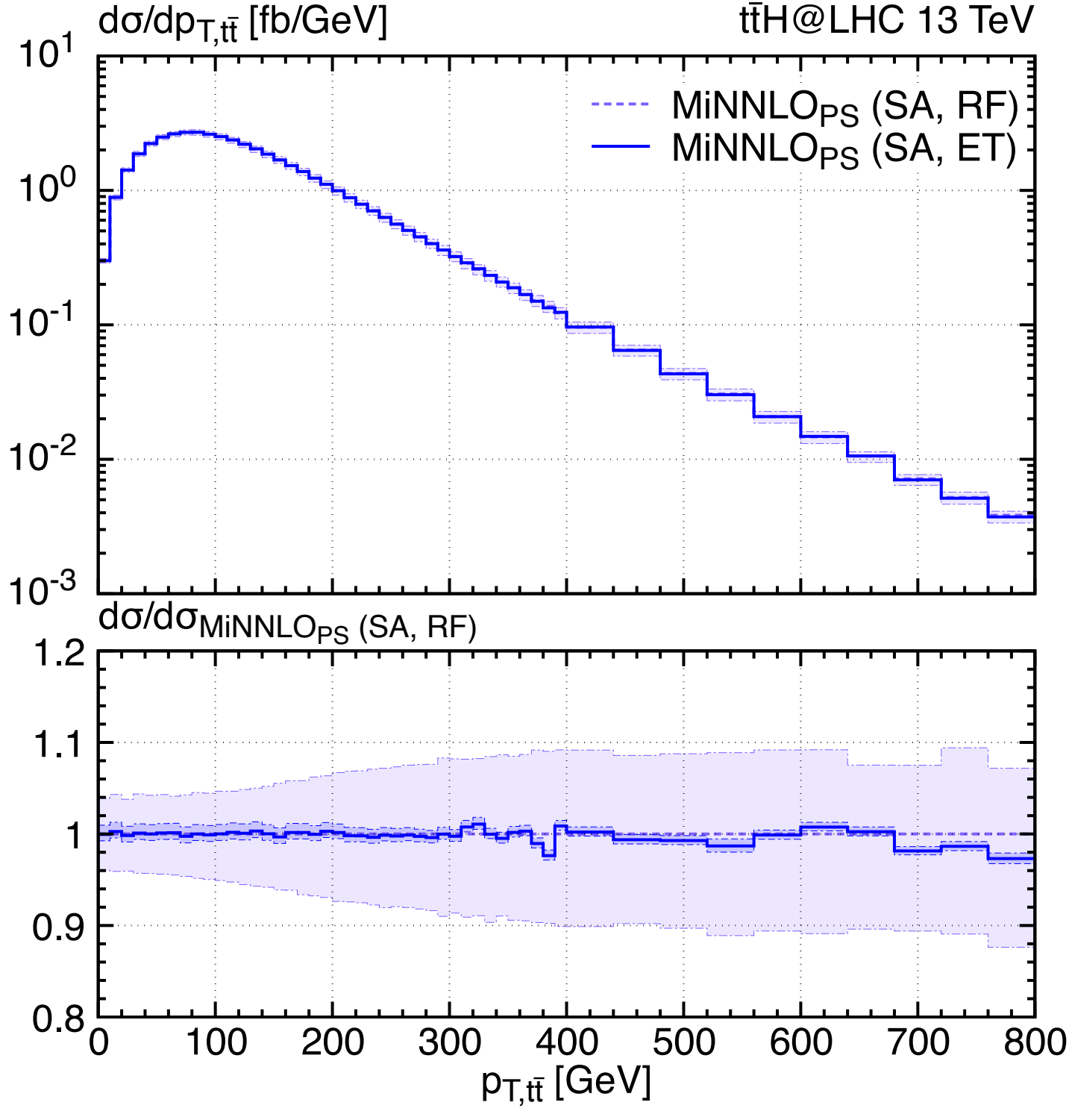

dσ/dm$_{t\bar{t}H}$ [fb/GeV]
ttH@LHC 13 TeV
MiNNLO$_{PS}$ (SA, RF)
MiNNLO$_{PS}$ (SA, ET)
dσ/dσ$_{MiNNLO_{PS}\ (SA,\ RF)}$
m$_{t\bar{t}H}$

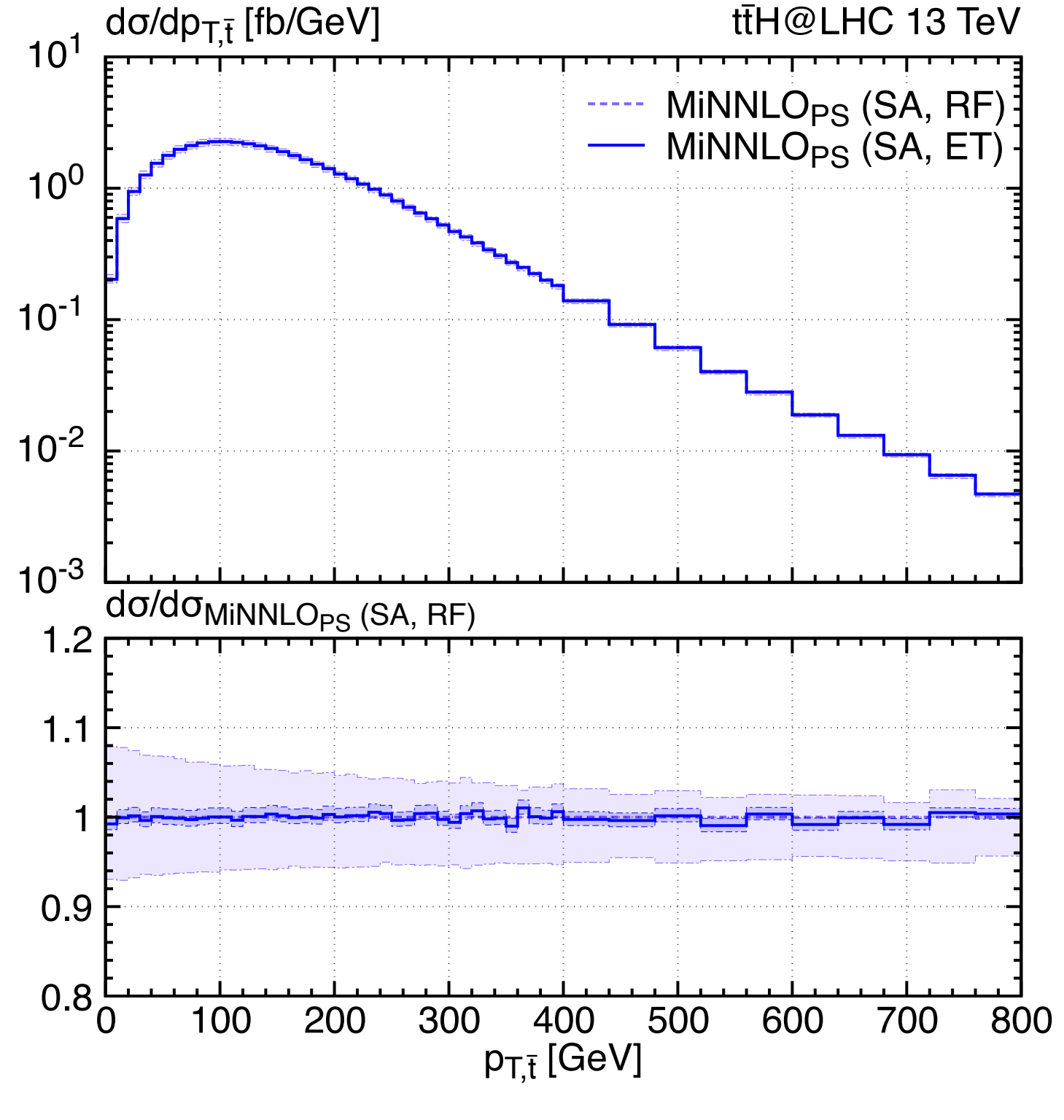

dσ/dm_H [fb/GeV]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
60
50
40
30
20
10
0
dσ/dσ_MiNNLO_PS (SA, RF)
1.2
1.1
1
0.9
0.8
110
120
130
140
150
160
170
180
190
200
m_H

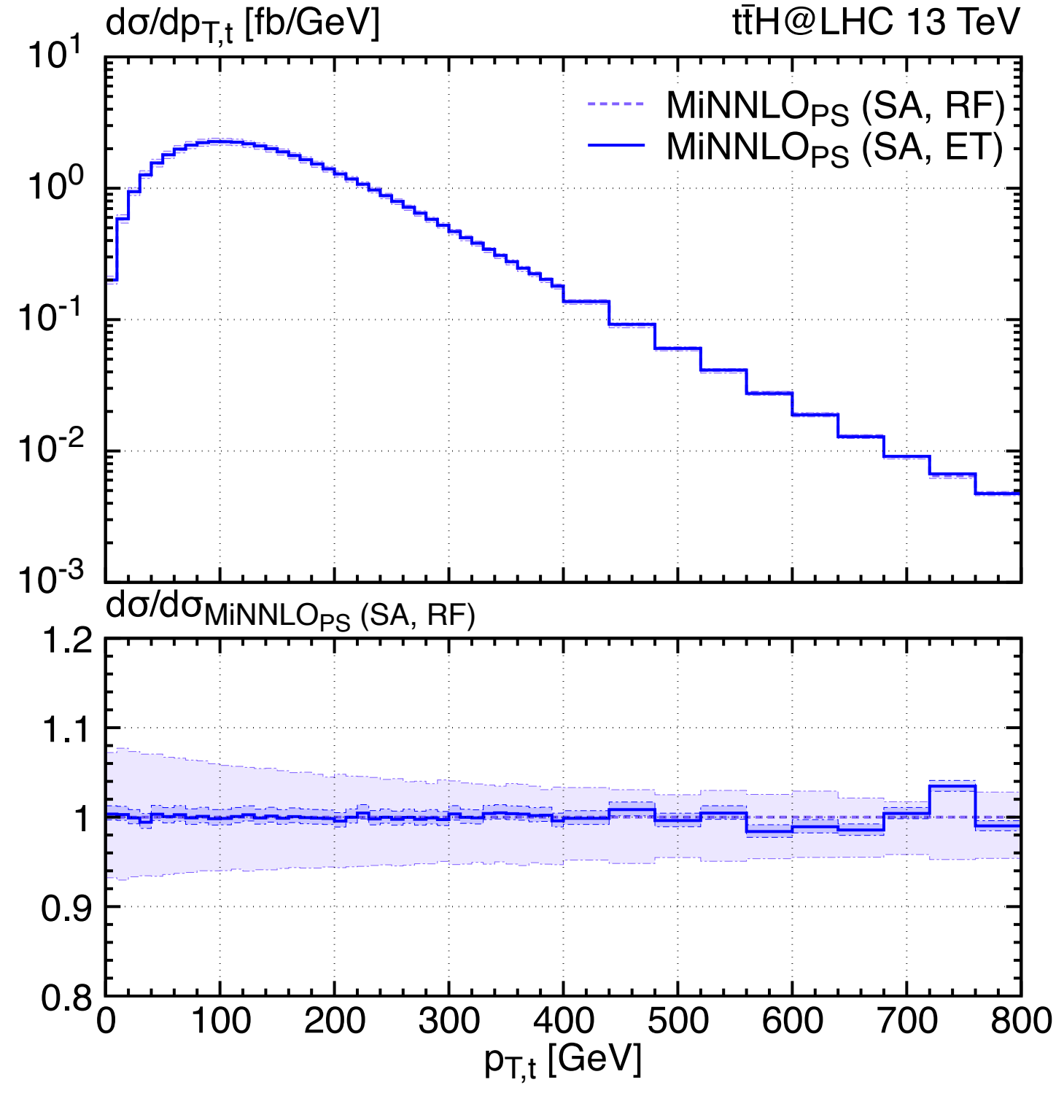

dσ/dm$_{t\bar{t}}$ [fb/GeV]
ttH@LHC 13 TeV
MiNNLO$_{PS}$ (SA, RF)
MiNNLO$_{PS}$ (SA, ET)
2.5
2
1.5
1
0.5
0
dσ/dσ$_{MiNNLO_{PS}\ (SA,\ RF)}$
1.2
1.1
1
0.9
0.8
400
500
600
700
800
900
1000
m$_{t\bar{t}}$

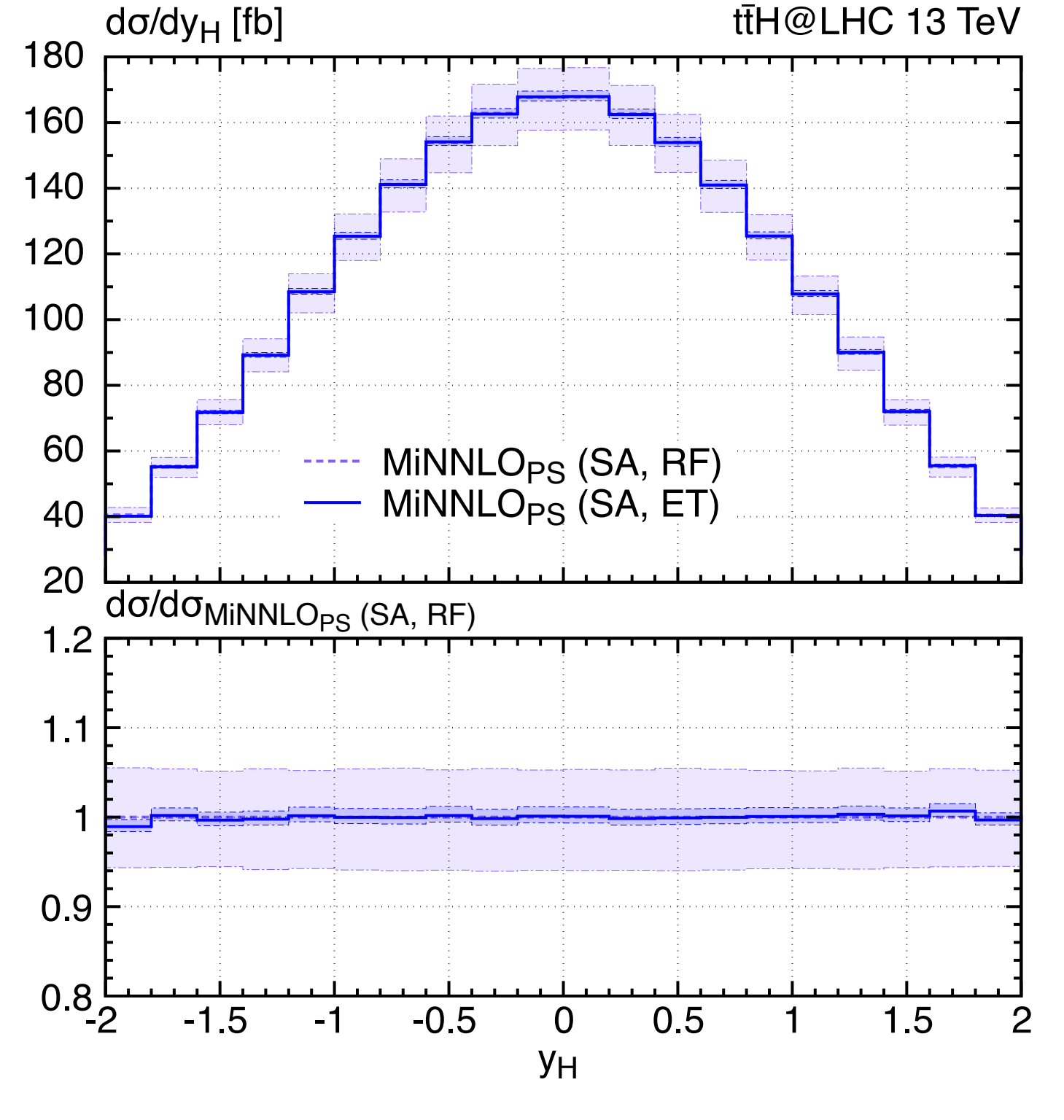

dσ/dp_{T,tt̄H} [fb/GeV]
tt̄H@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
p_{T,tt̄H} [GeV]

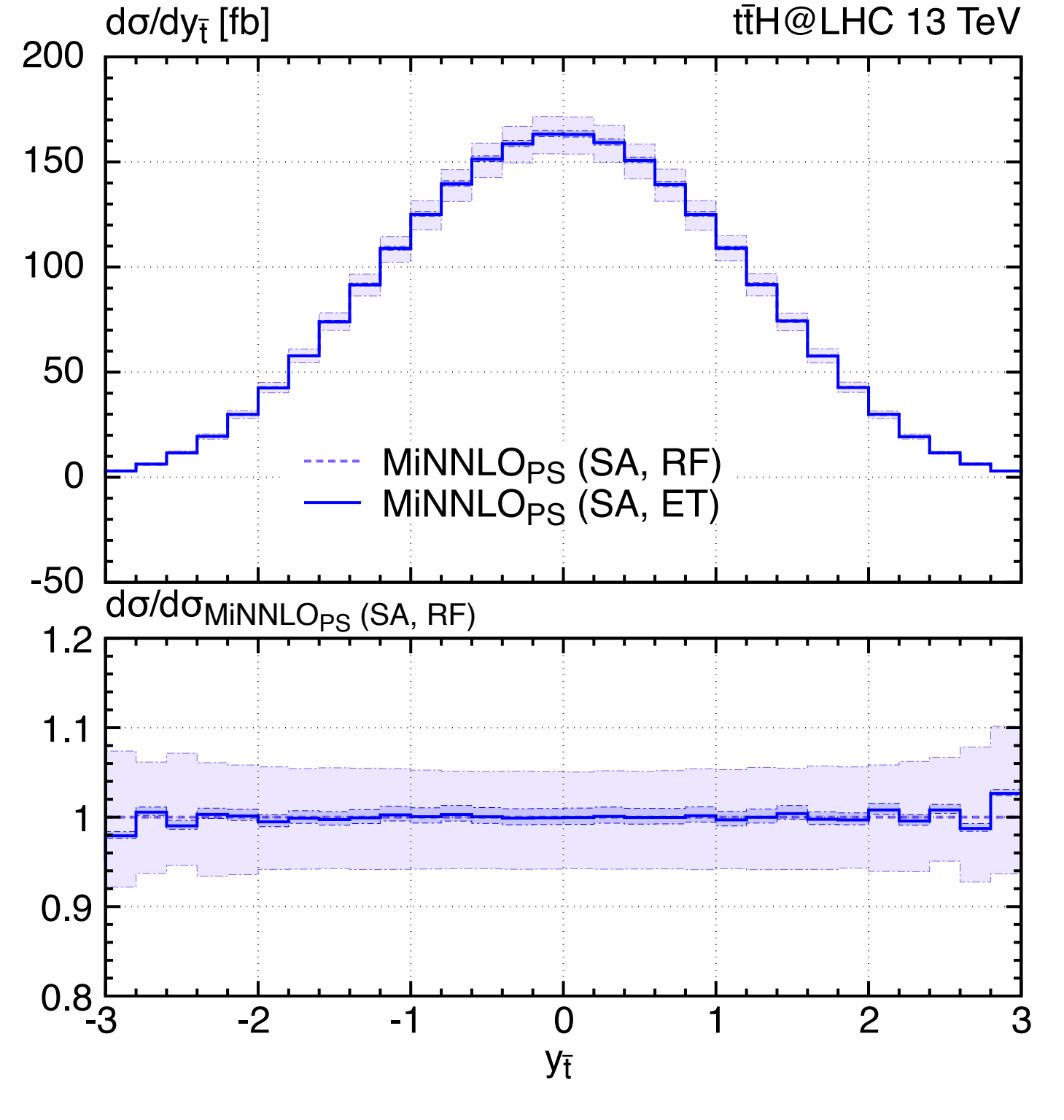

dσ/dp_{T,H} [fb/GeV]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
p_{T,H} [GeV]

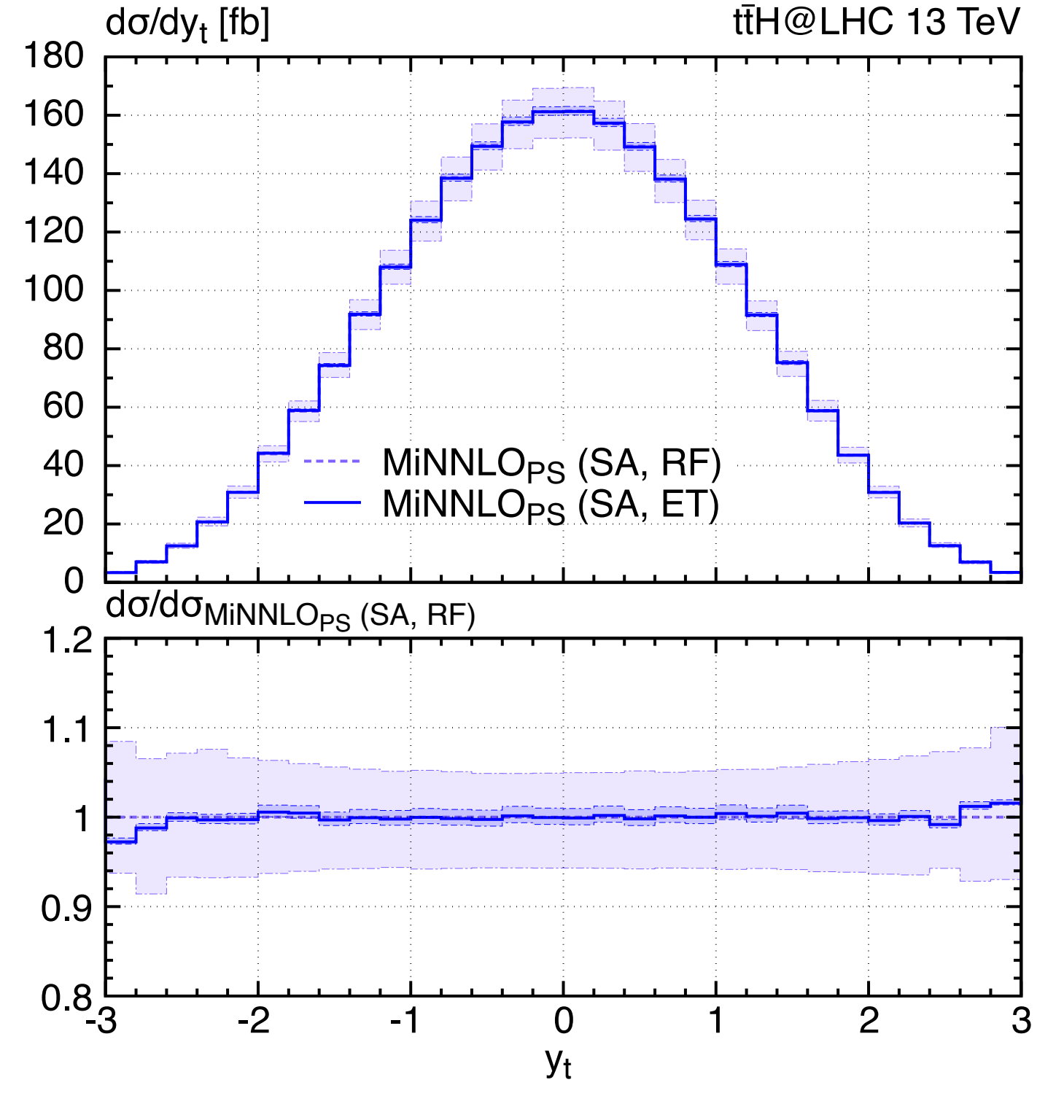

dσ/dp_{T,tt̄} [fb/GeV]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
10^1
10^0
10^-1
10^-2
10^-3
dσ/dσ_{MiNNLO_PS (SA, RF)}
1.2
1.1
1
0.9
0.8
0
100
200
300
400
500
600
700
800
p_{T,tt̄} [GeV]


dσ/dp_{T,t̄} [fb/GeV]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
p_{T,t̄} [GeV]


dσ/dp_{T,t} [fb/GeV]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_{MiNNLO_PS (SA, RF)}
p_{T,t} [GeV}


dσ/dy_H [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_MiNNLO_PS (SA, RF)
y_H


dσ/dy$_{\bar{t}}$ [fb]
ttH@LHC 13 TeV
200
150
100
50
0
-50
MiNNLO$_{PS}$ (SA, RF)
MiNNLO$_{PS}$ (SA, ET)
dσ/dσ$_{MiNNLO_{PS}\ (SA,\ RF)}$
1.2
1.1
1
0.9
0.8
-3
-2
-1
0
1
2
3
y$_{\bar{t}}$


dσ/dy_t [fb]
ttH@LHC 13 TeV
MiNNLO_PS (SA, RF)
MiNNLO_PS (SA, ET)
dσ/dσ_MiNNLO_PS (SA, RF)
y_t