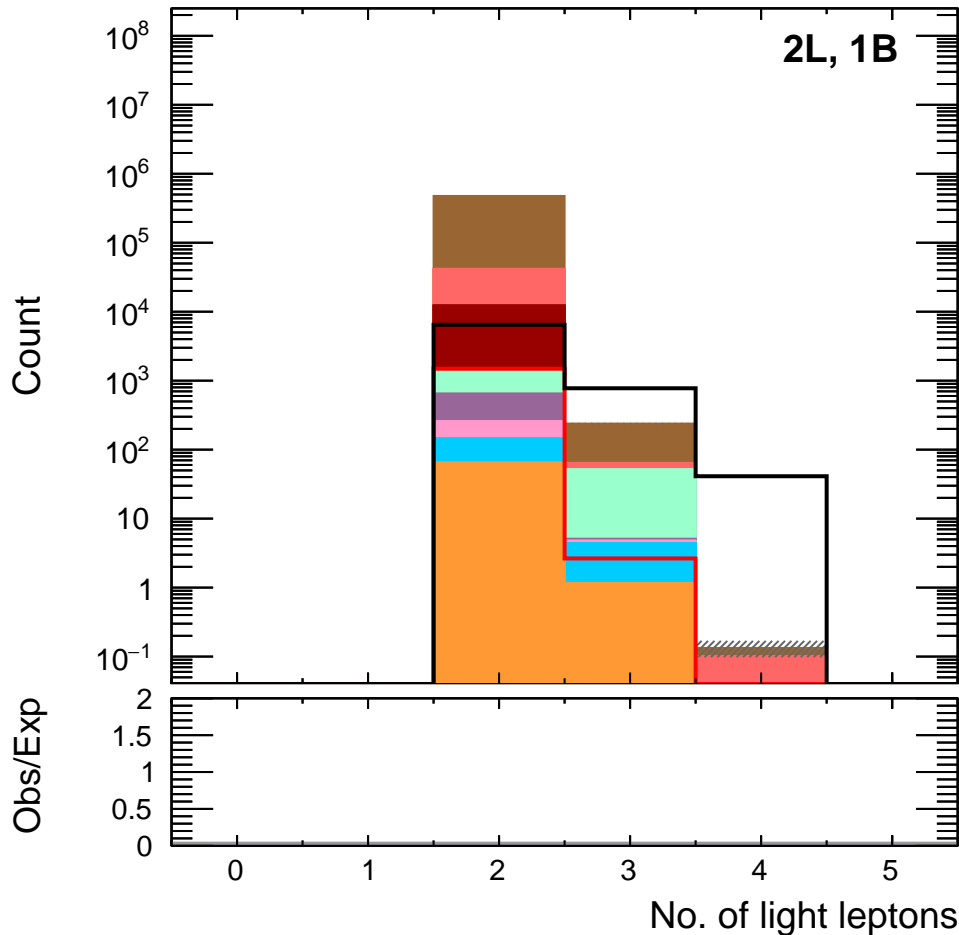


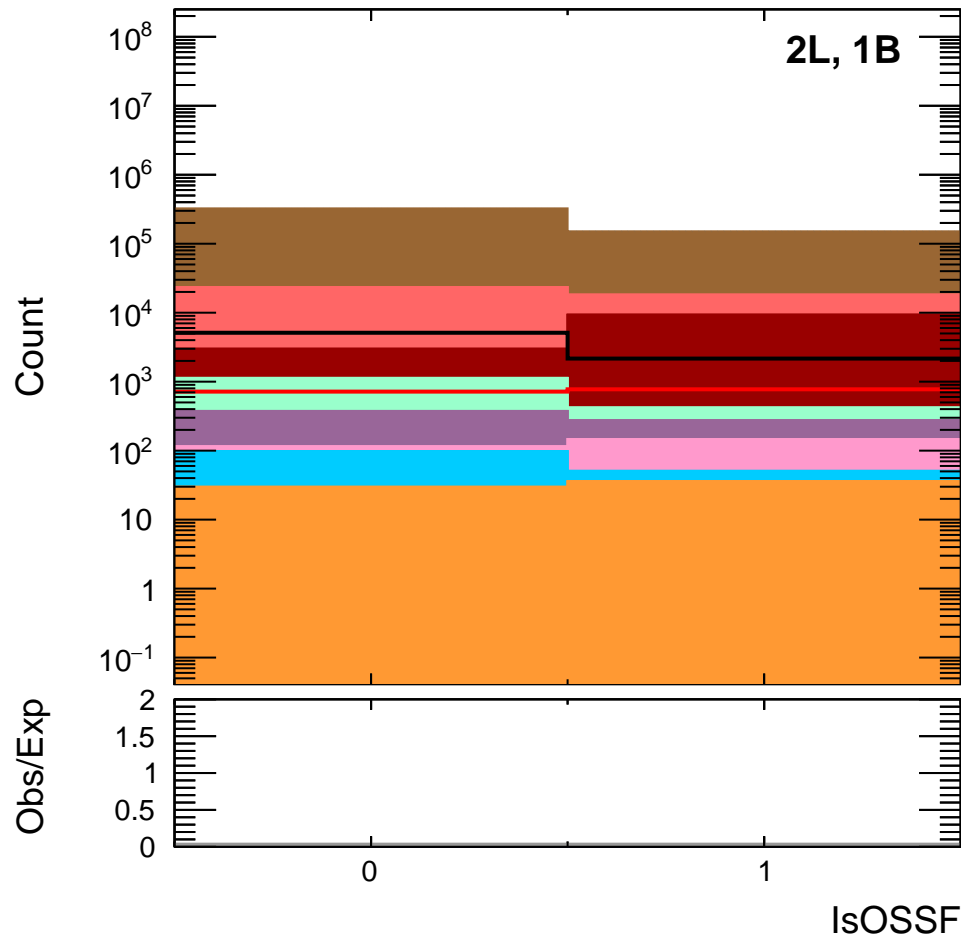
TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsonFilter>0 && LightLepton_N=0&&LightLepton_N=1 && CustomJet_N > 1 && CustomBJet_N > 0 && nOnZ==0 && (OSF_N == 0 || Event_BestMOSSF[0]>MZhig_...)



Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]

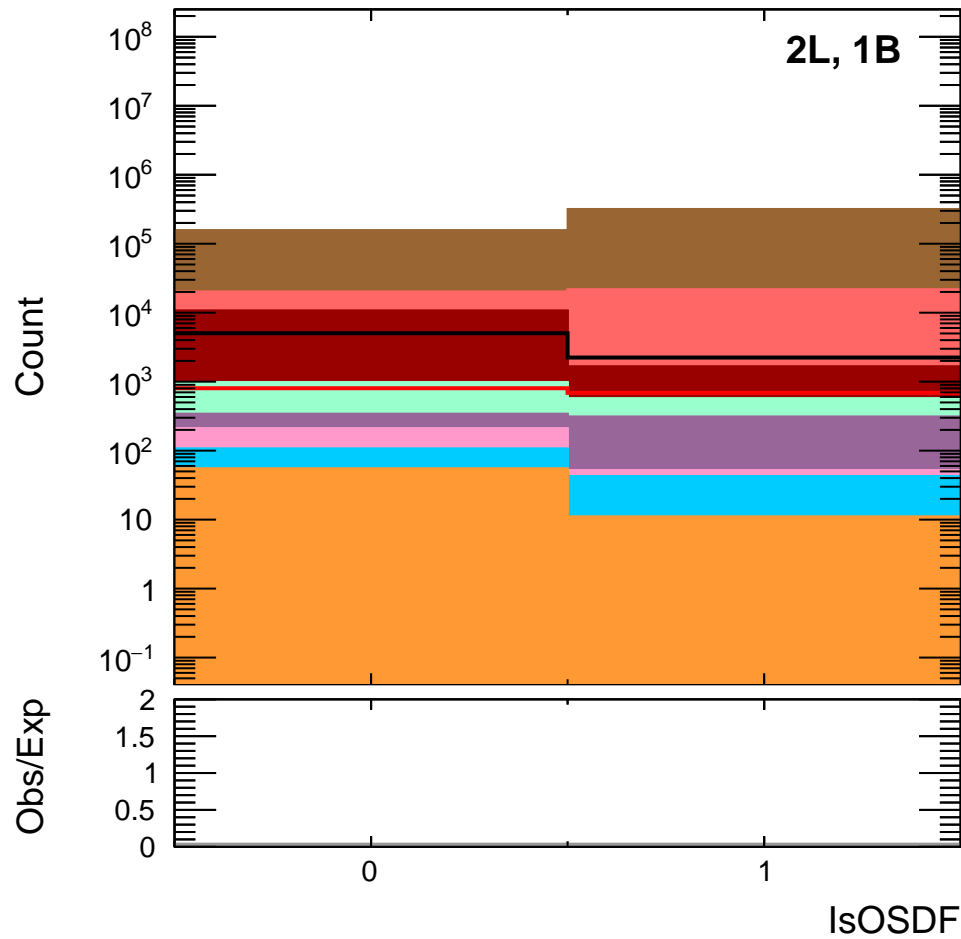
TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsfFilter>0 && LightLepton_N=0&&LightLepton_N=1 && CustomJet_N > 1 && CustomBJet_N > 0 && nOnZ==0 && (OSSF_N == 0 || Event_BestMOSSF[0]>Mzhigh_)



Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]

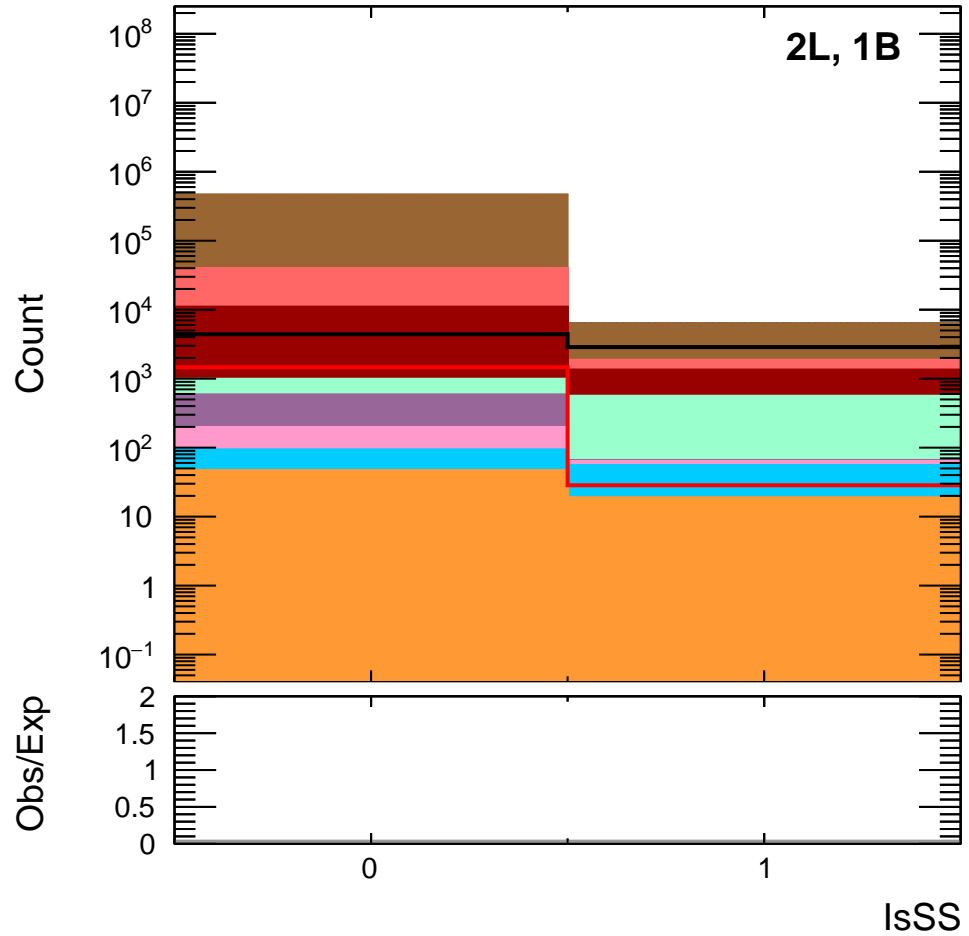
TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsfonFilter>0 && LightLepton_N=0&&LightLepton_Nb=1 && CustomJet_N > 1 && CustomJet_N > 0 && nOnZ==0 && (OSFS_N == 0 || Event_BestMOSSF[0]>Mzhigh_)



Obs/Exp: 0.00 Exp: 4.767e+05

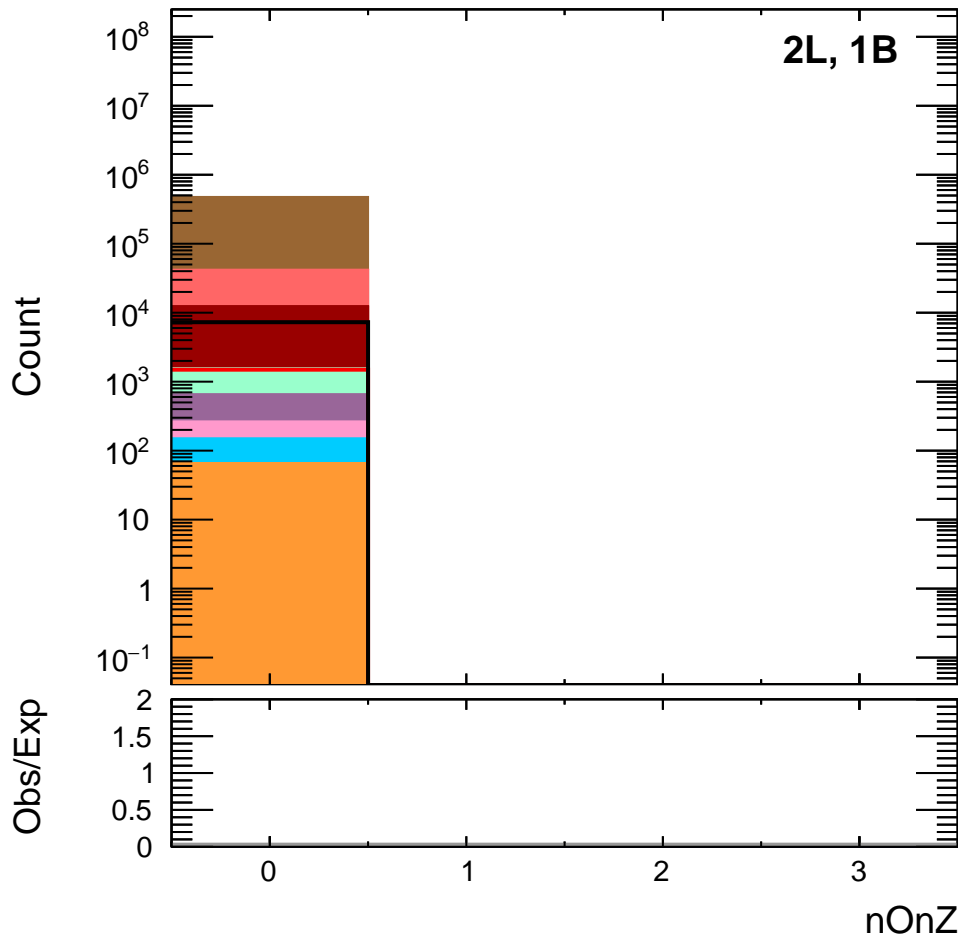
- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsonFilter>0 && LightLepton_N>0&&LightLepton_Nb>1 && CustomJet_N > 1 && CustomBJet_N > 0 && nOnZ==0 && (OSSF_N == 0 || Event_BestMOSSF[0]>Mzhigh_...)



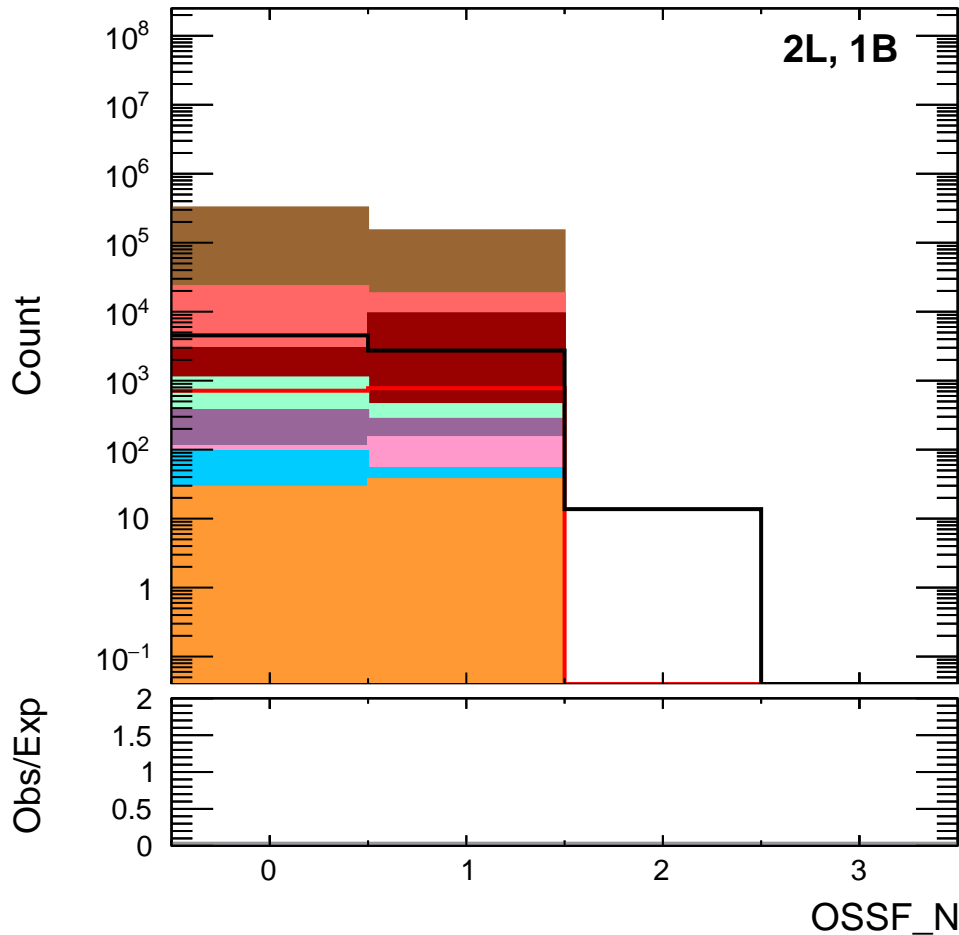
Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]



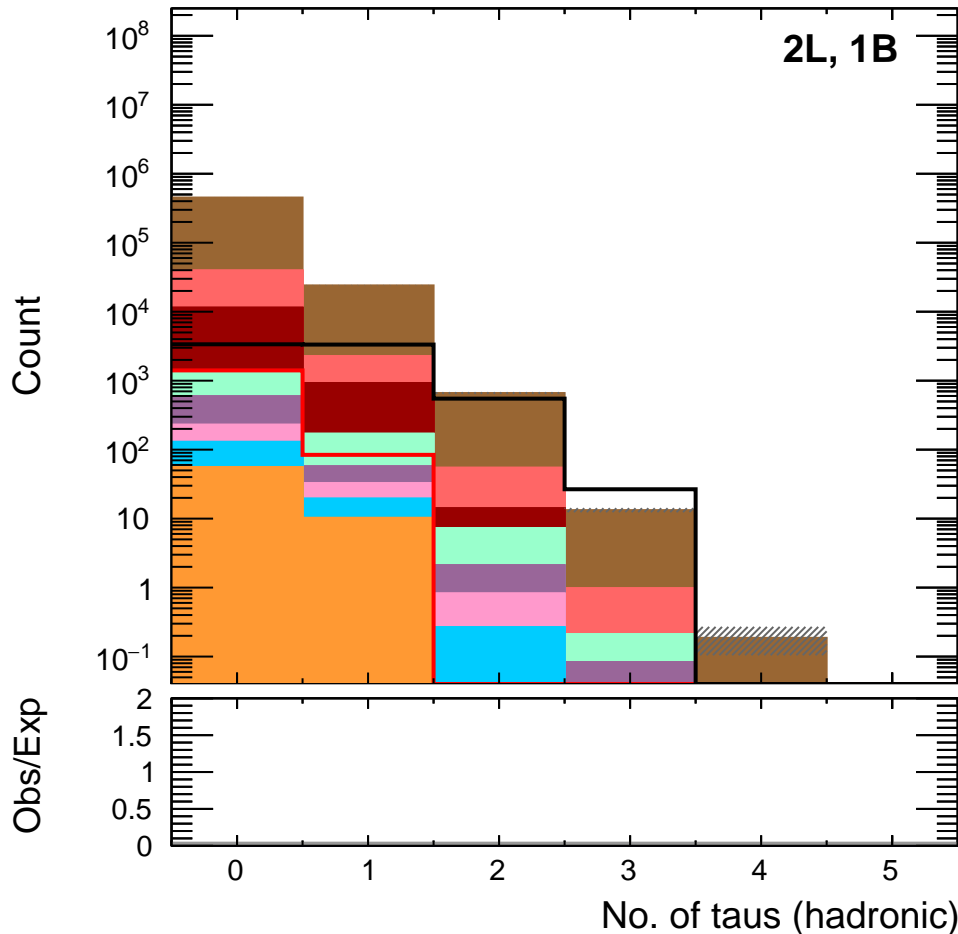
Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]



Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]



Obs/Exp: 0.00 Exp: 4.767e+05

TT [4.349e+05]

ST [2.943e+04]

DY [1.078e+04]

TTW [9.035e+02]

WW [3.888e+02]

ZZ [1.134e+02]

TTZ [8.327e+01]

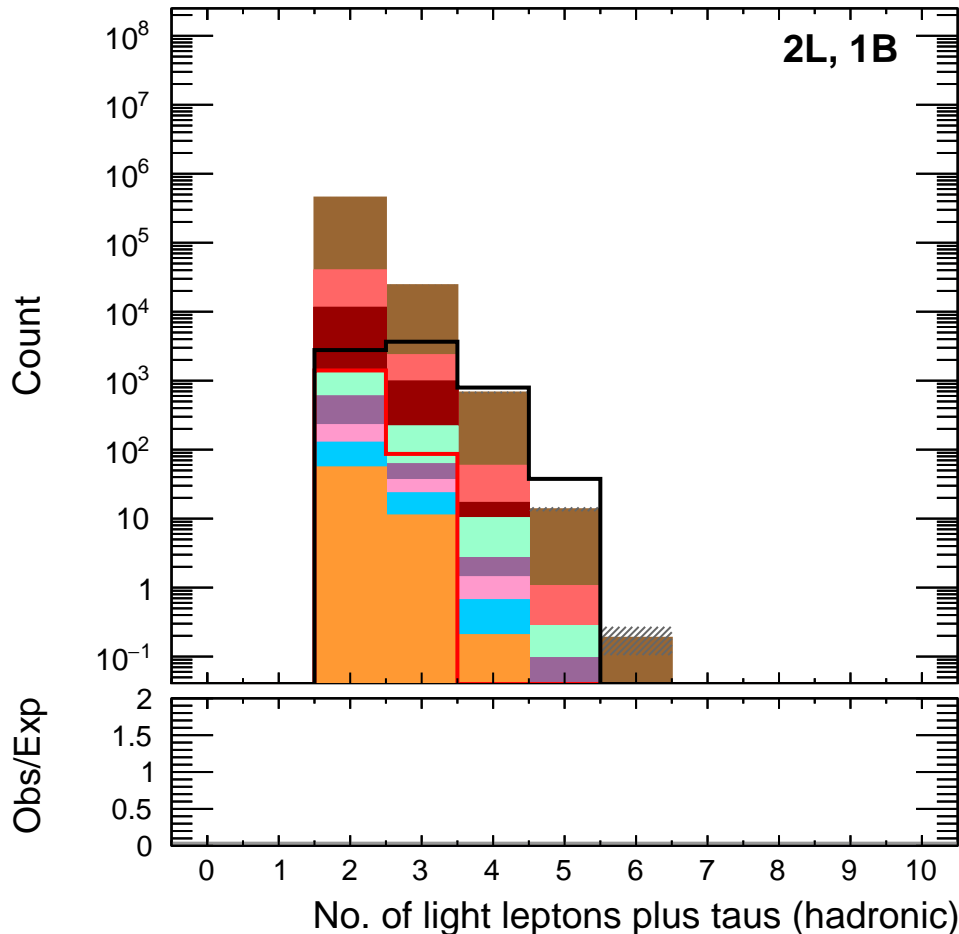
WZ [6.593e+01]

Uncertainty

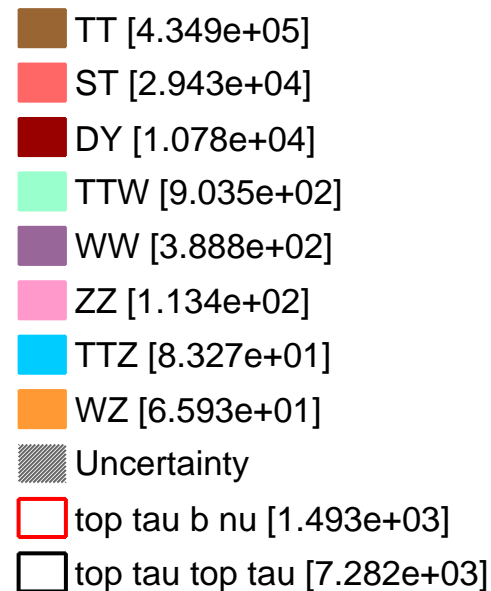
top tau b nu [1.493e+03]

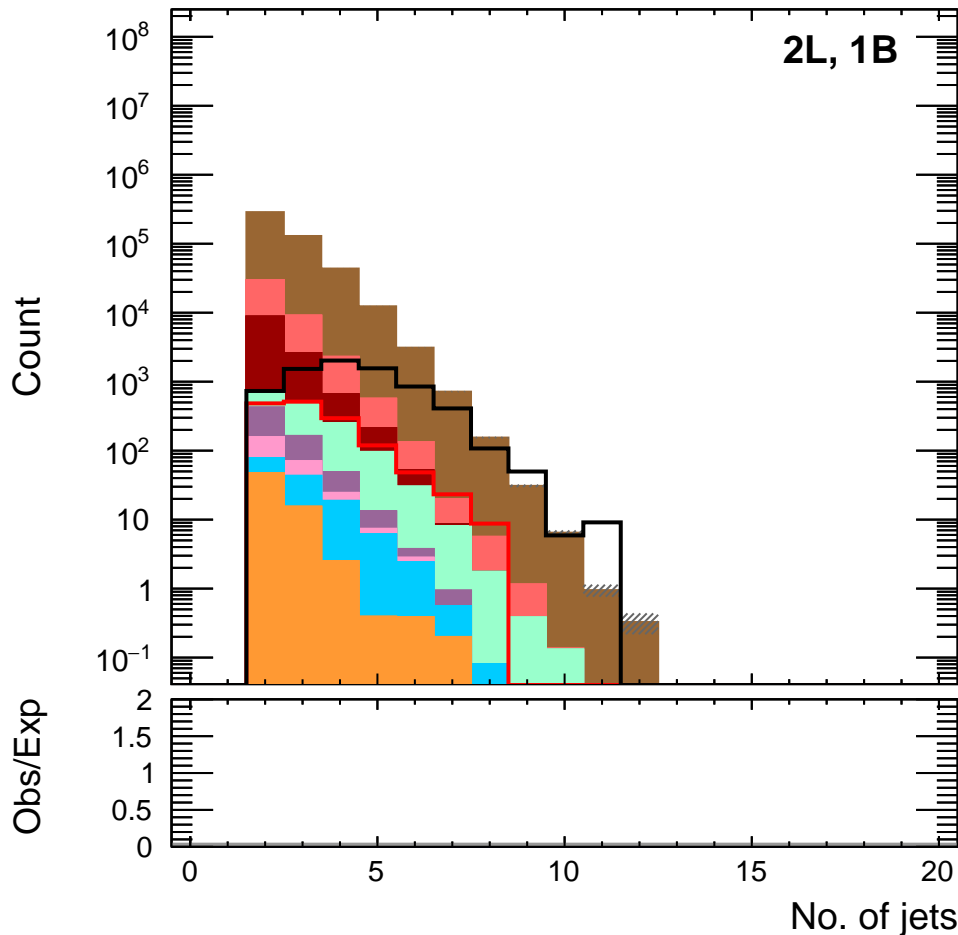
top tau top tau [7.282e+03]

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsonFilter>0 && LightLepton_N>0&&LightLepton_N>1 && CustomJet_N > 1 && CustomBJet_N > 0 && nOnZ==0 && (OSSF_N == 0 || Event_BestMOSSF[0]>MZhigh_)



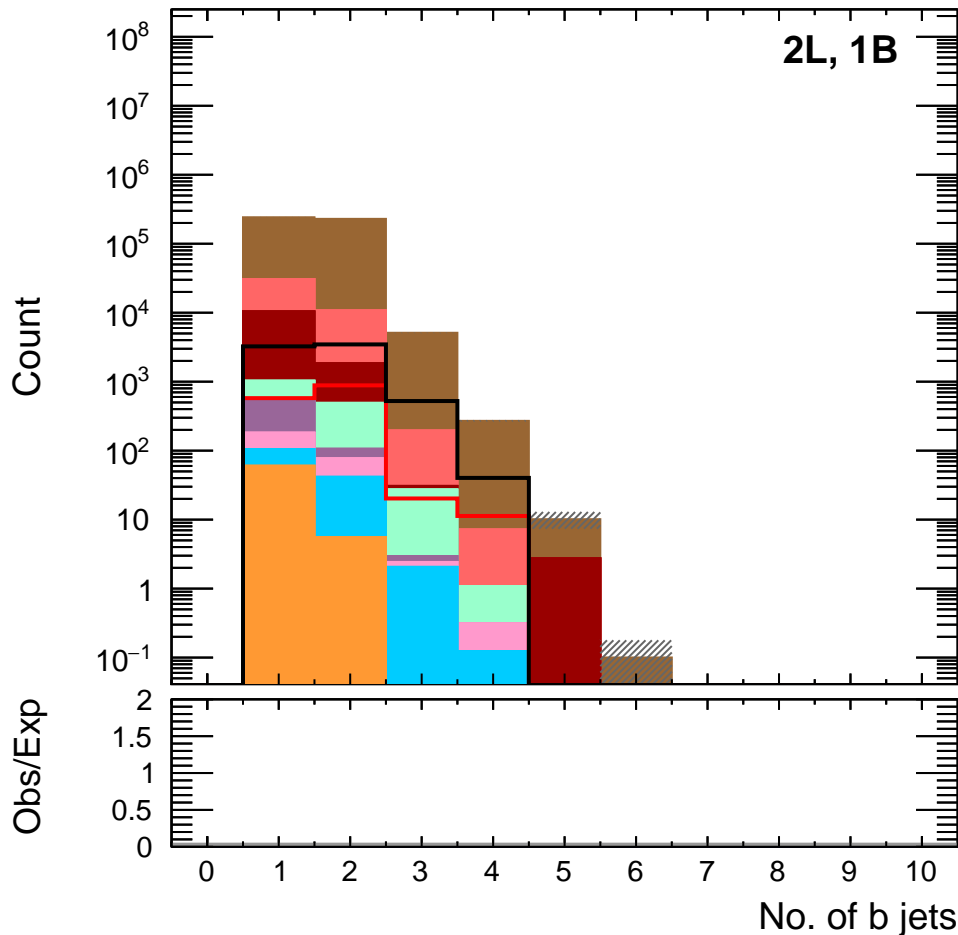
Obs/Exp: 0.00 Exp: 4.767e+05





Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.079e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.328e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]



Obs/Exp: 0.00 Exp: 4.767e+05

TT [4.349e+05]

ST [2.943e+04]

DY [1.078e+04]

TTW [9.035e+02]

WW [3.888e+02]

ZZ [1.134e+02]

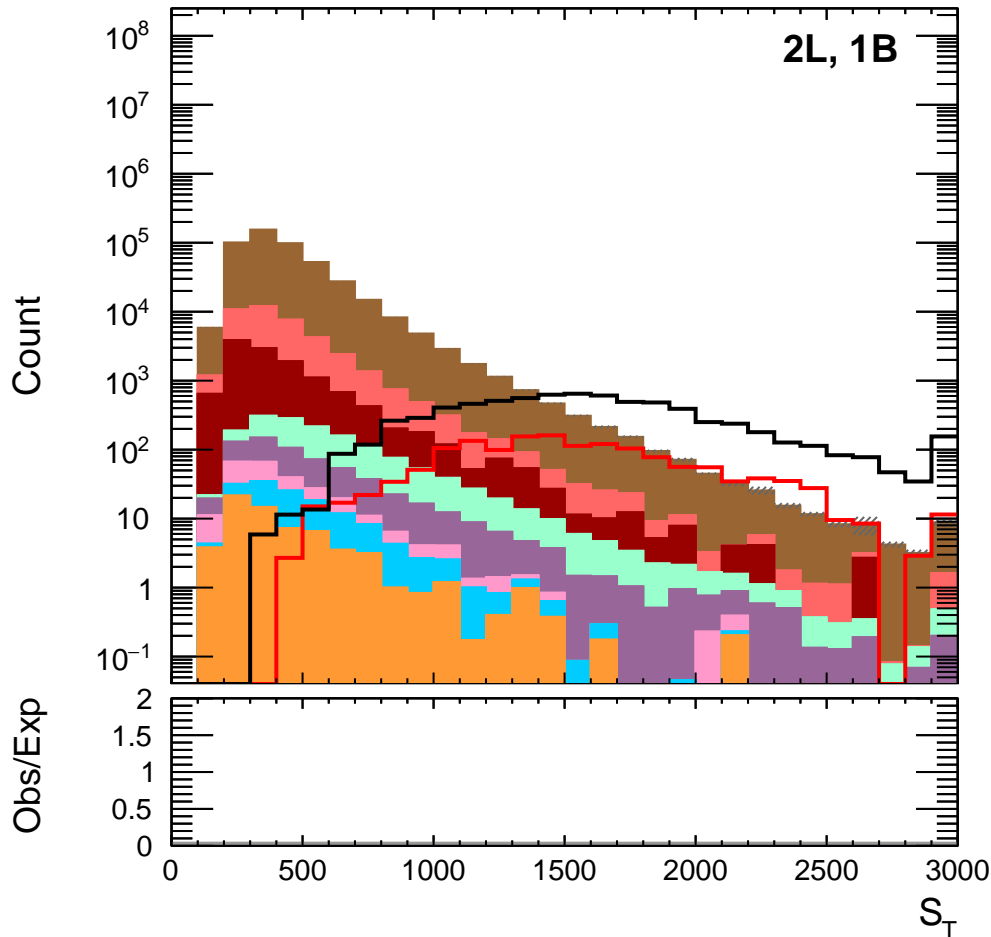
TTZ [8.327e+01]

WZ [6.593e+01]

Uncertainty

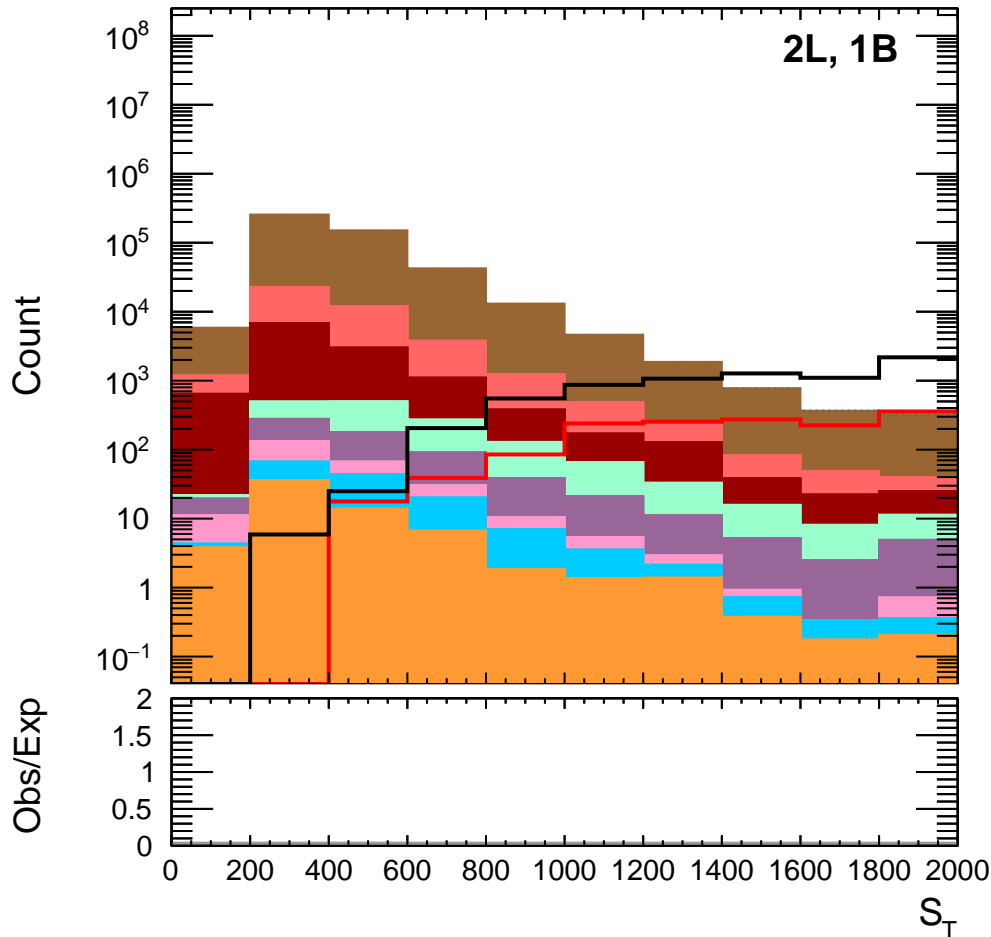
top tau b nu [1.493e+03]

top tau top tau [7.282e+03]



Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.079e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]



Obs/Exp: 0.00 Exp: 4.767e+05

TT [4.349e+05]

ST [2.943e+04]

DY [1.078e+04]

TTW [9.035e+02]

WW [3.888e+02]

ZZ [1.134e+02]

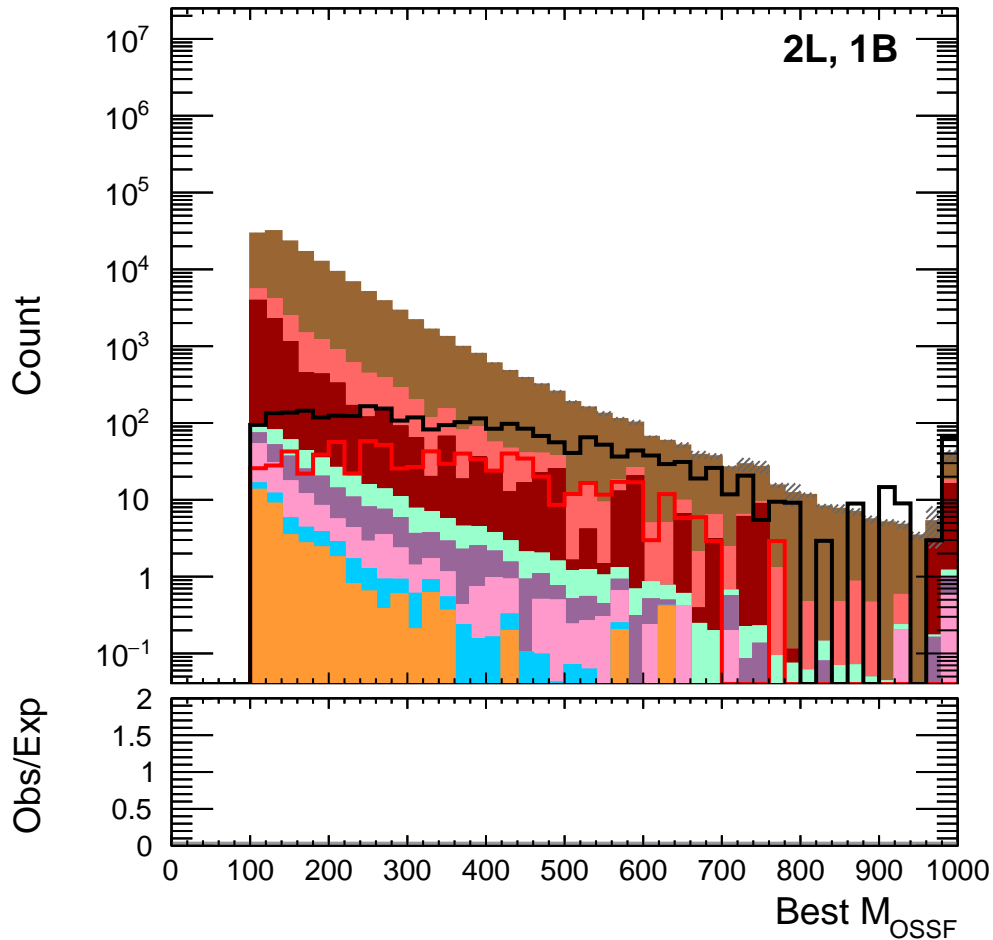
TTZ [8.327e+01]

WZ [6.593e+01]

Uncertainty

top tau b nu [1.493e+03]

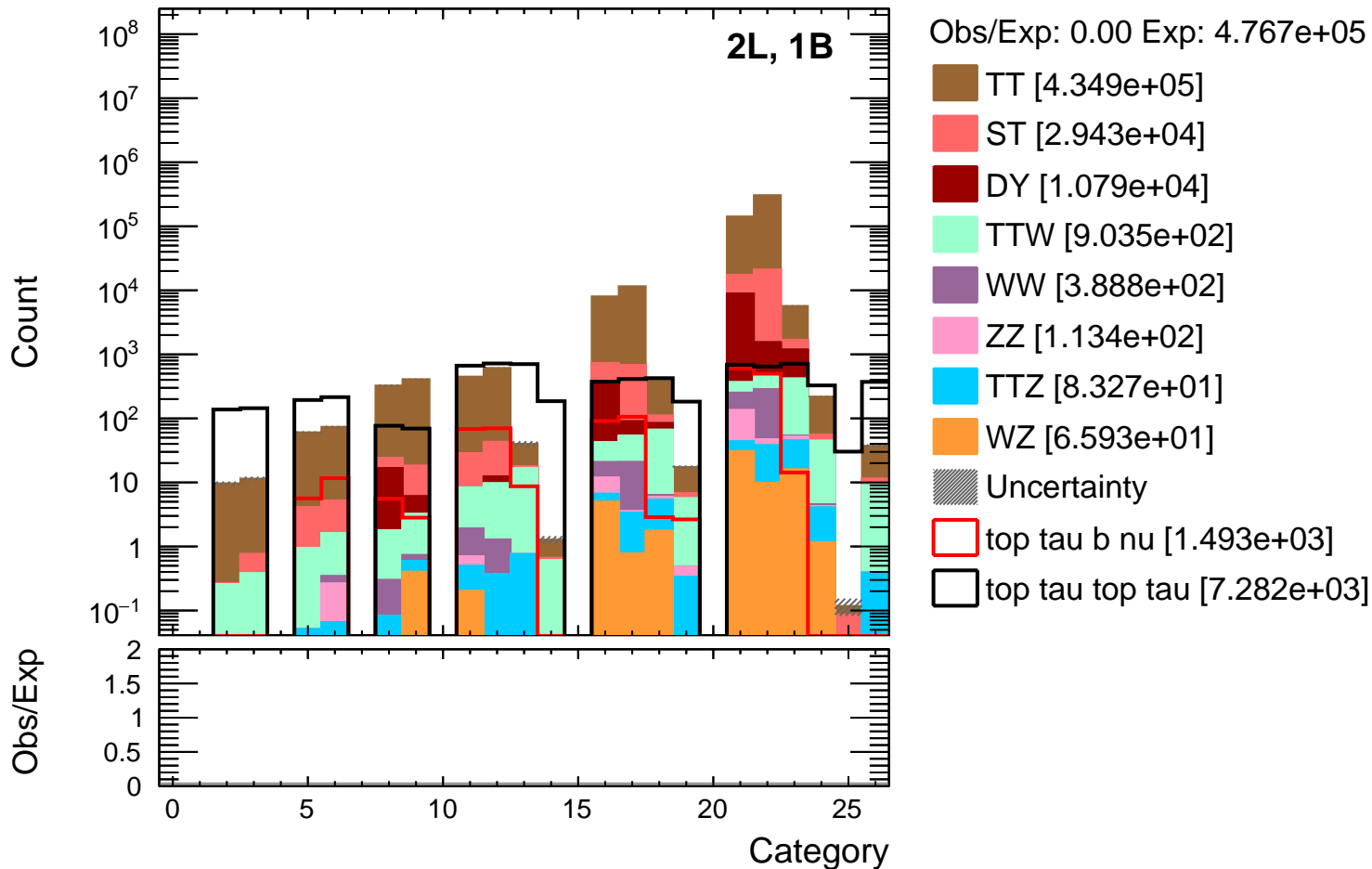
top tau top tau [7.282e+03]

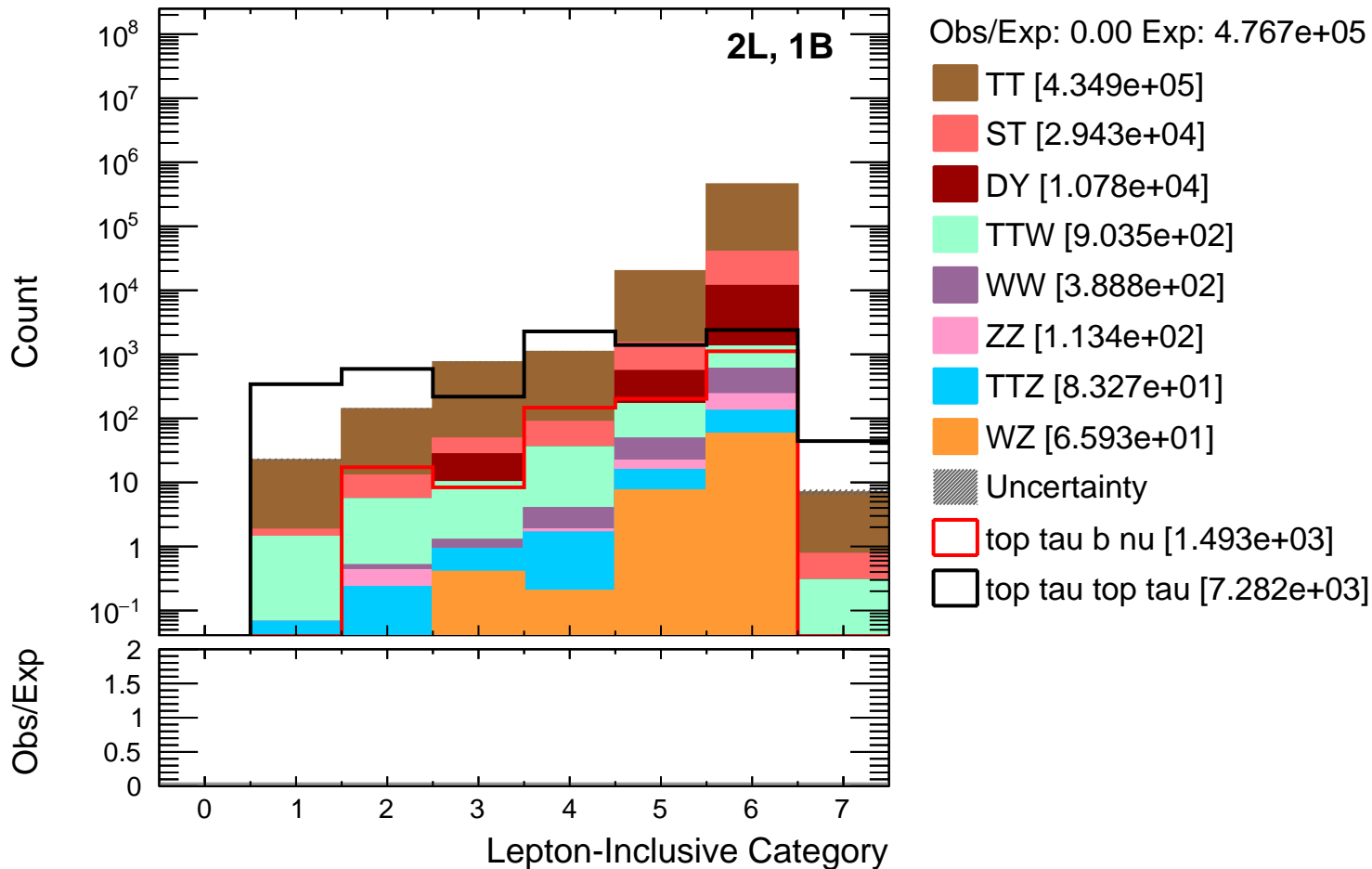


Obs/Exp: 0.00 Exp: 1.514e+05

- TT [1.331e+05]
- ST [8.918e+03]
- DY [8.923e+03]
- TTW [1.739e+02]
- WW [1.281e+02]
- ZZ [9.675e+01]
- TTZ [1.673e+01]
- WZ [3.703e+01]
- Uncertainty
- top tau b nu [7.775e+02]
- top tau top tau [2.745e+03]

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsfiler>0 && LightLepton_N=0&&LightLepton_N=1 && CustomJet_N > 1 && CustomBJet_N > 0 && nOnZ==0 && (OSF_N == 0 || Event_BestMOSSF[0]>MZhig_)



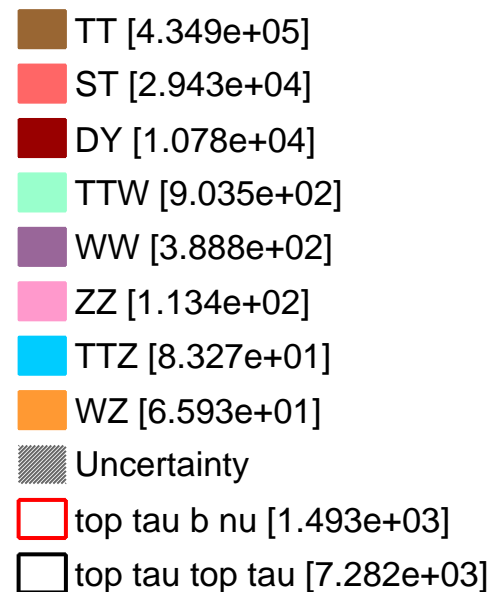


Count

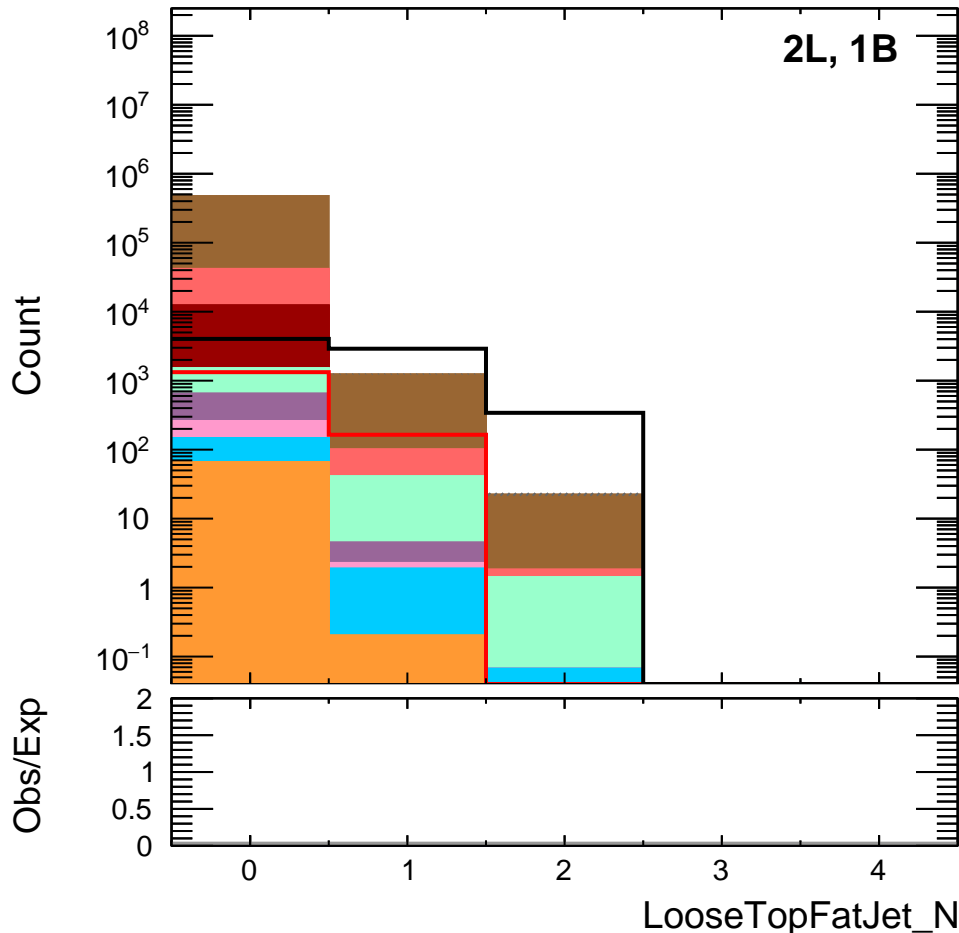
Obs/Exp

2L, 1B

Obs/Exp: 0.00 Exp: 4.767e+05

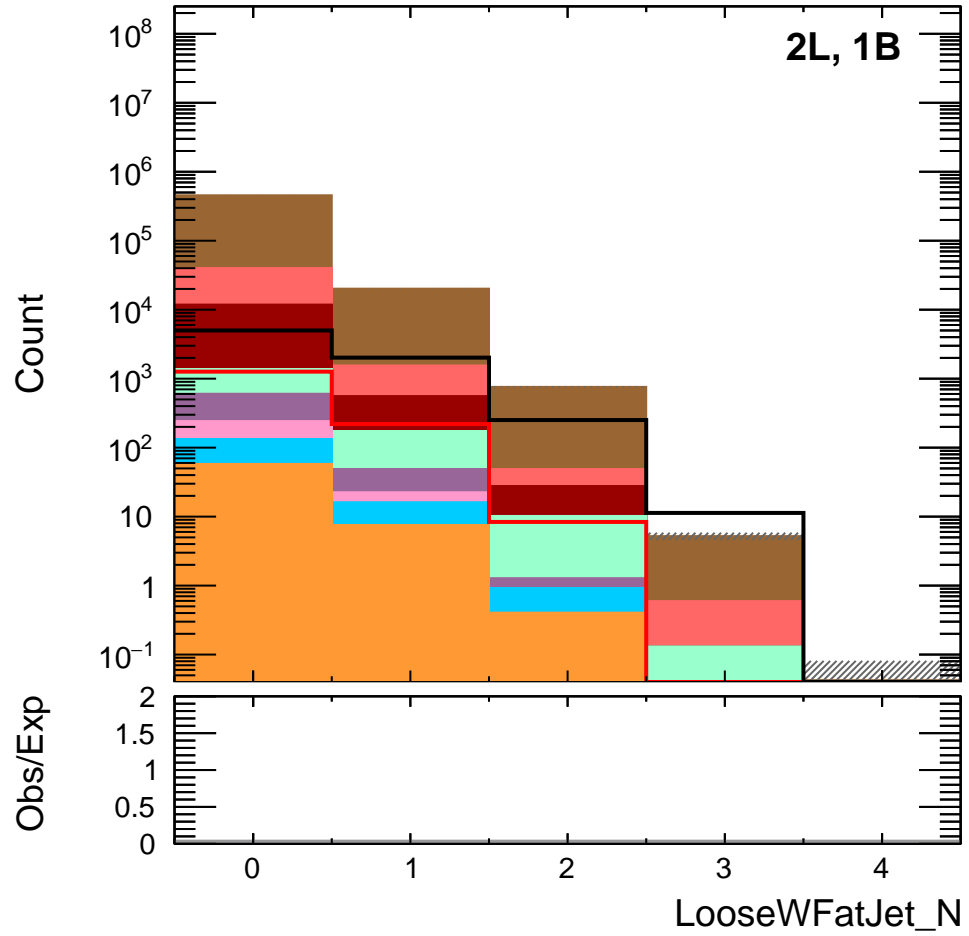


EXO-21-002 Category



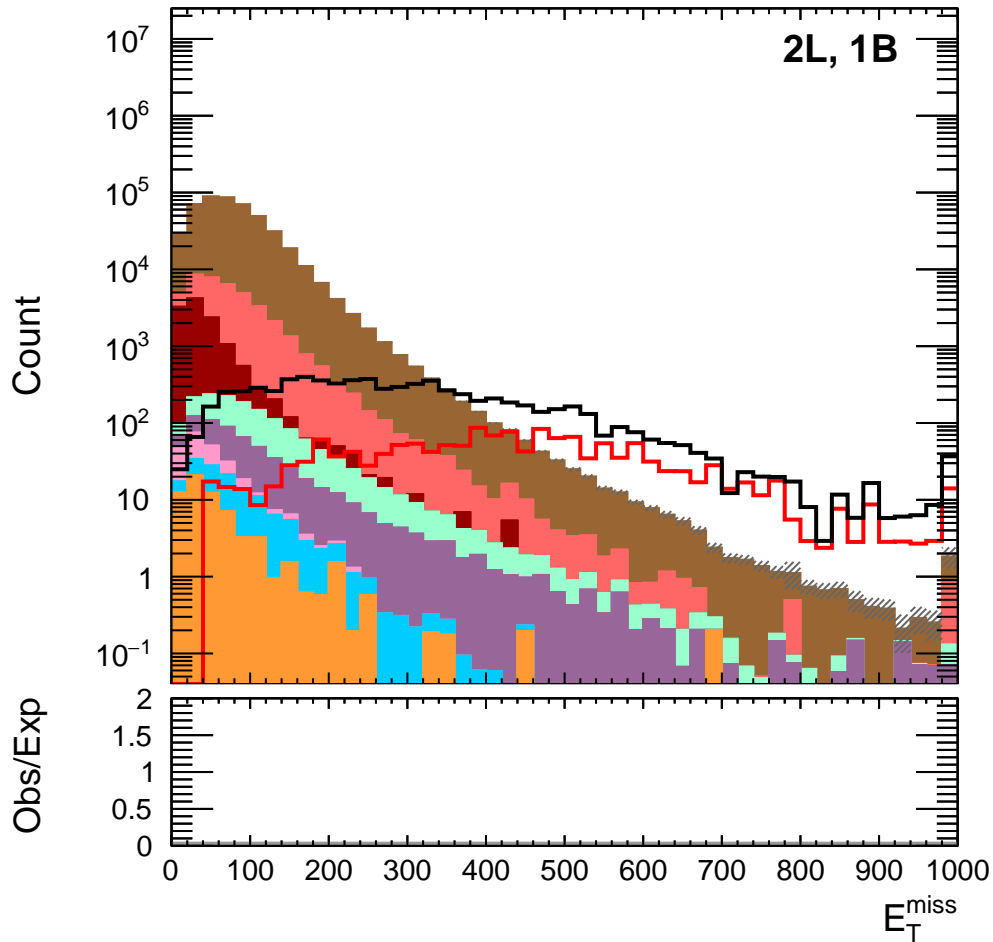
Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]

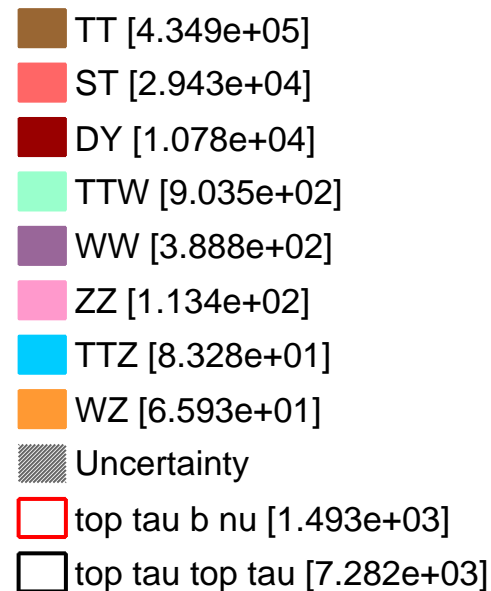


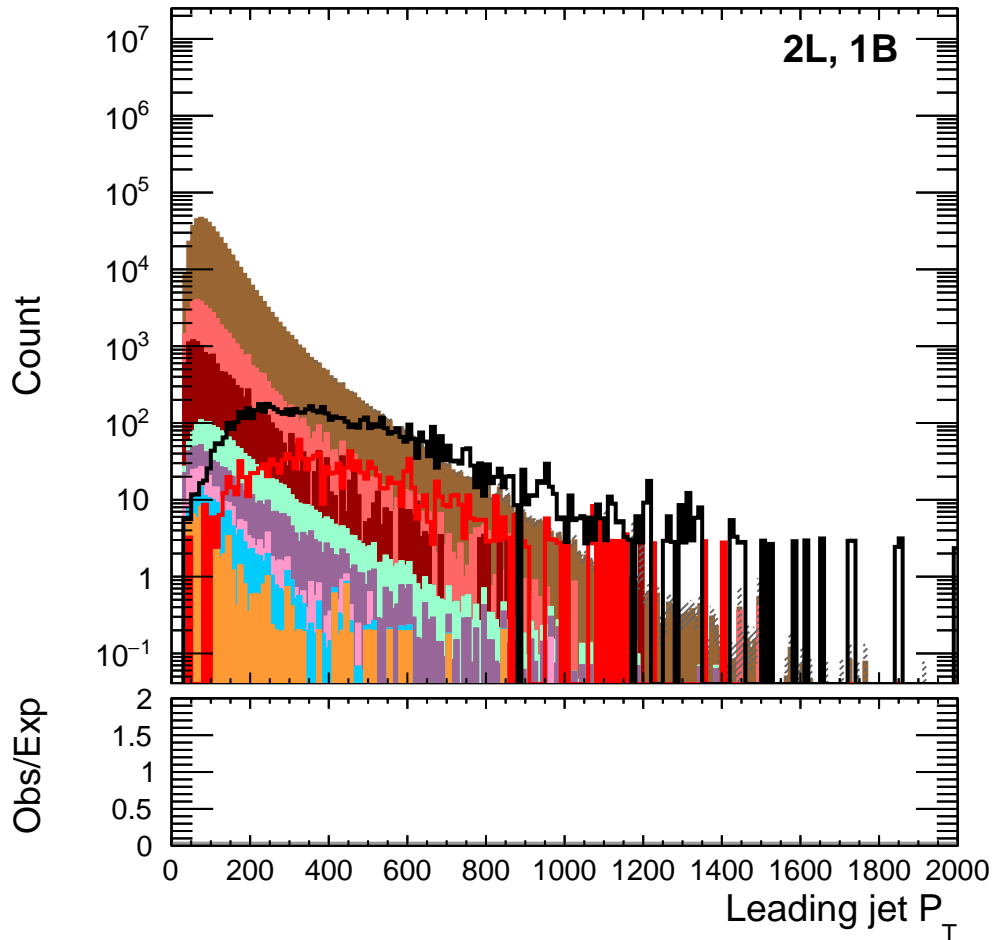
Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.078e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.327e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]



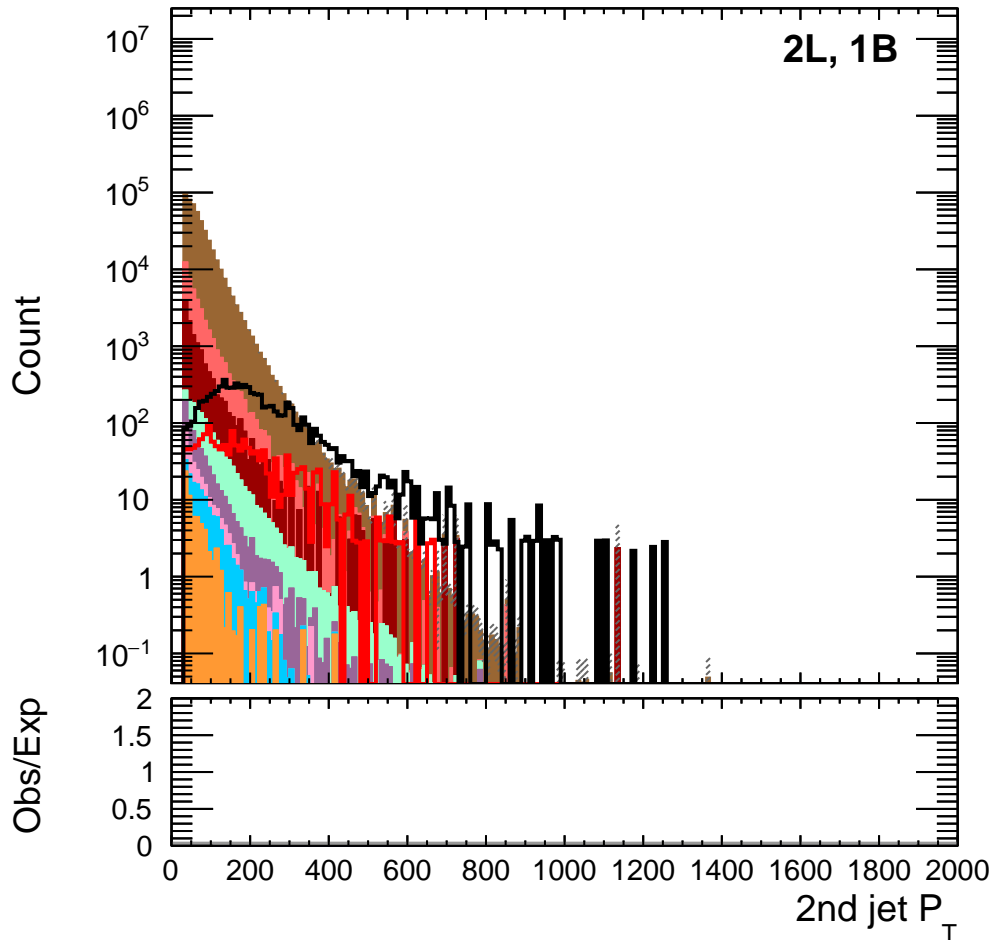
Obs/Exp: 0.00 Exp: 4.767e+05





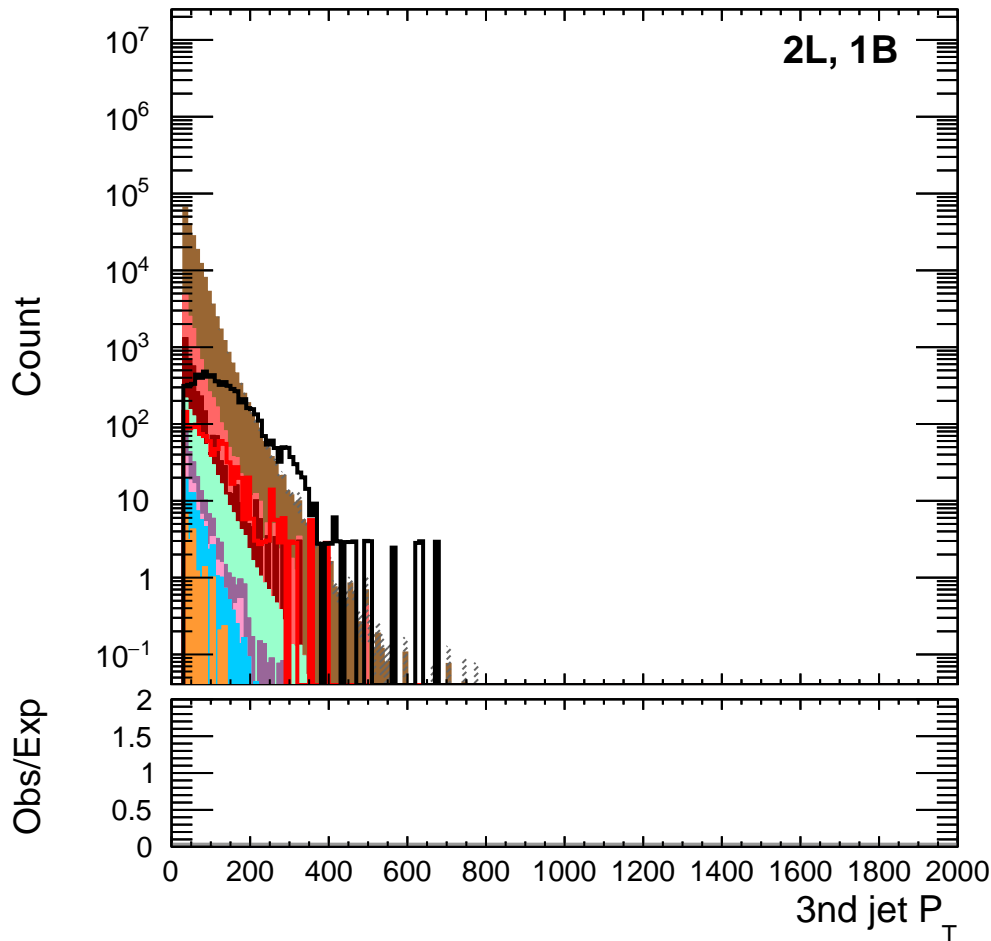
Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.080e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.329e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]

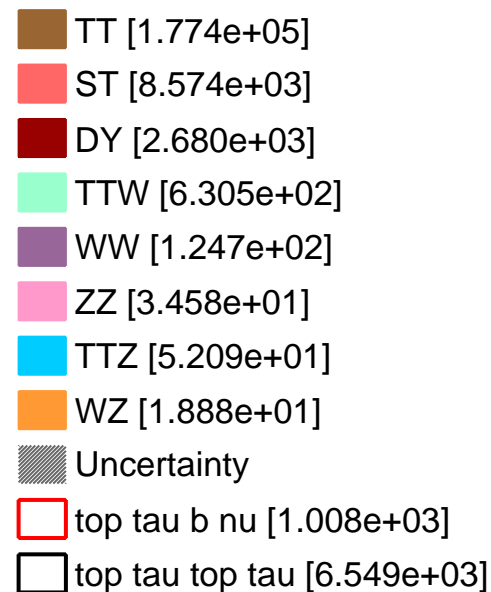


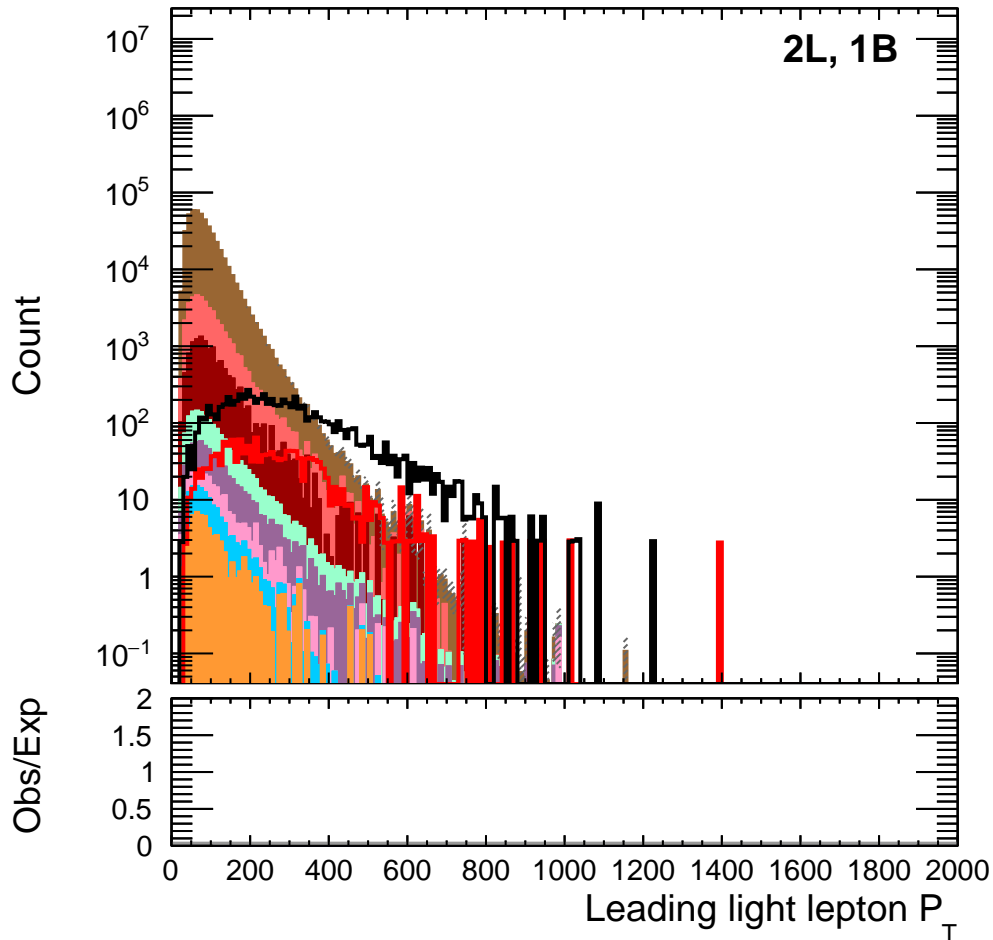
Obs/Exp: 0.00 Exp: 4.767e+05

- TT [4.349e+05]
- ST [2.943e+04]
- DY [1.080e+04]
- TTW [9.035e+02]
- WW [3.888e+02]
- ZZ [1.134e+02]
- TTZ [8.328e+01]
- WZ [6.593e+01]
- Uncertainty
- top tau b nu [1.493e+03]
- top tau top tau [7.282e+03]

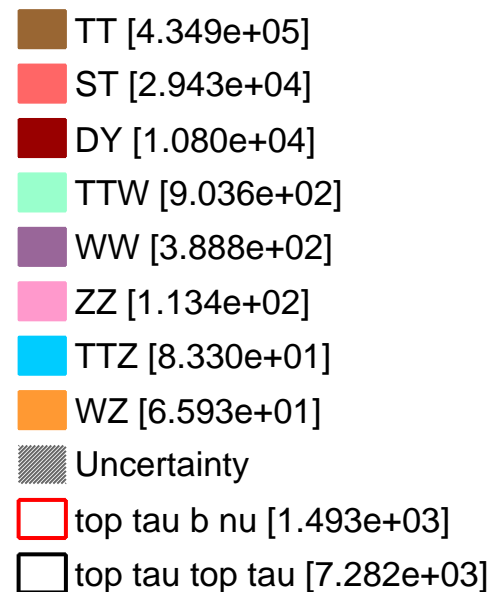


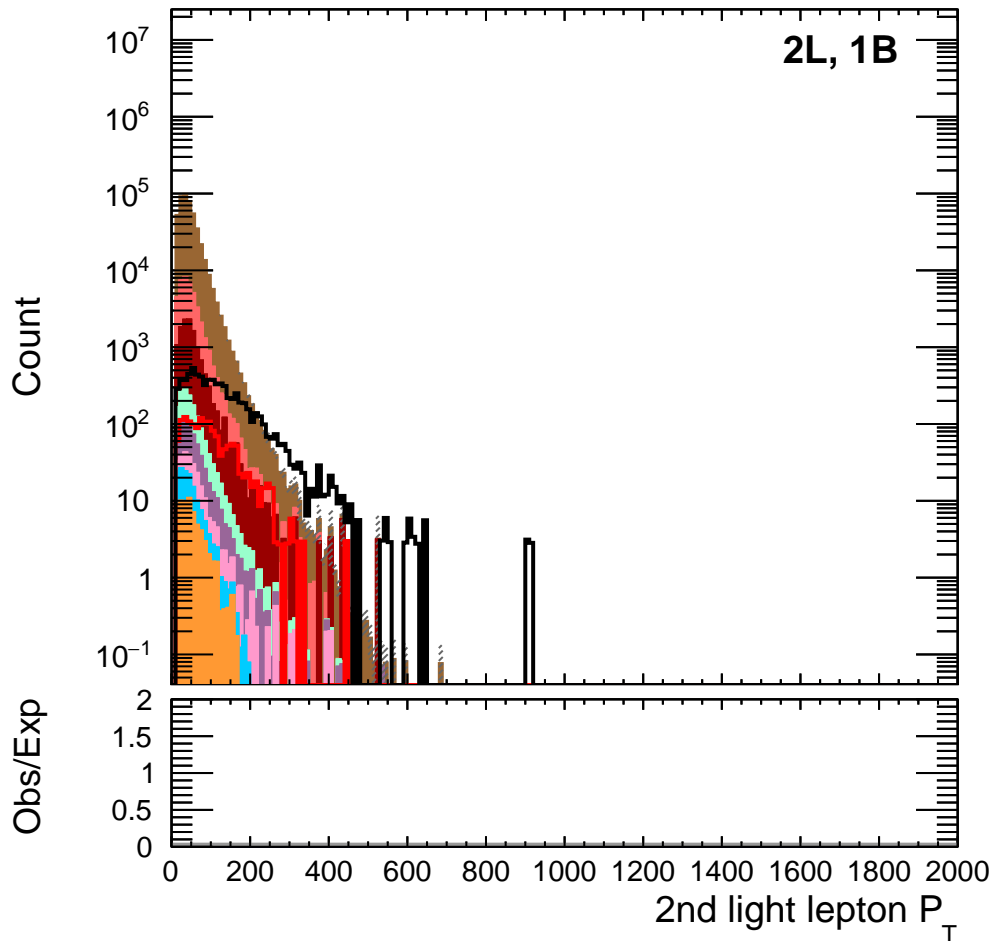
Obs/Exp: 0.00 Exp: 1.895e+05



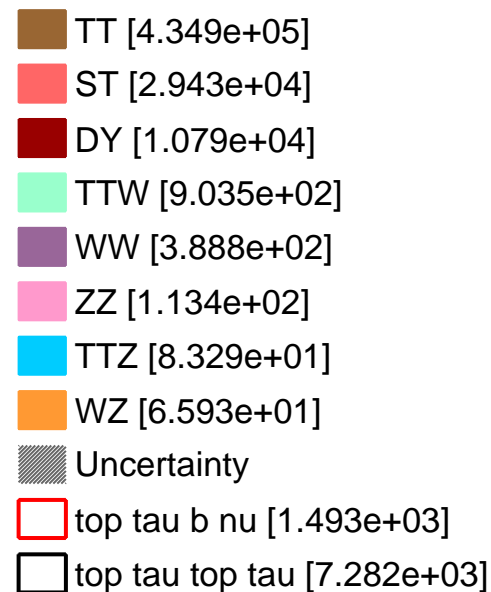


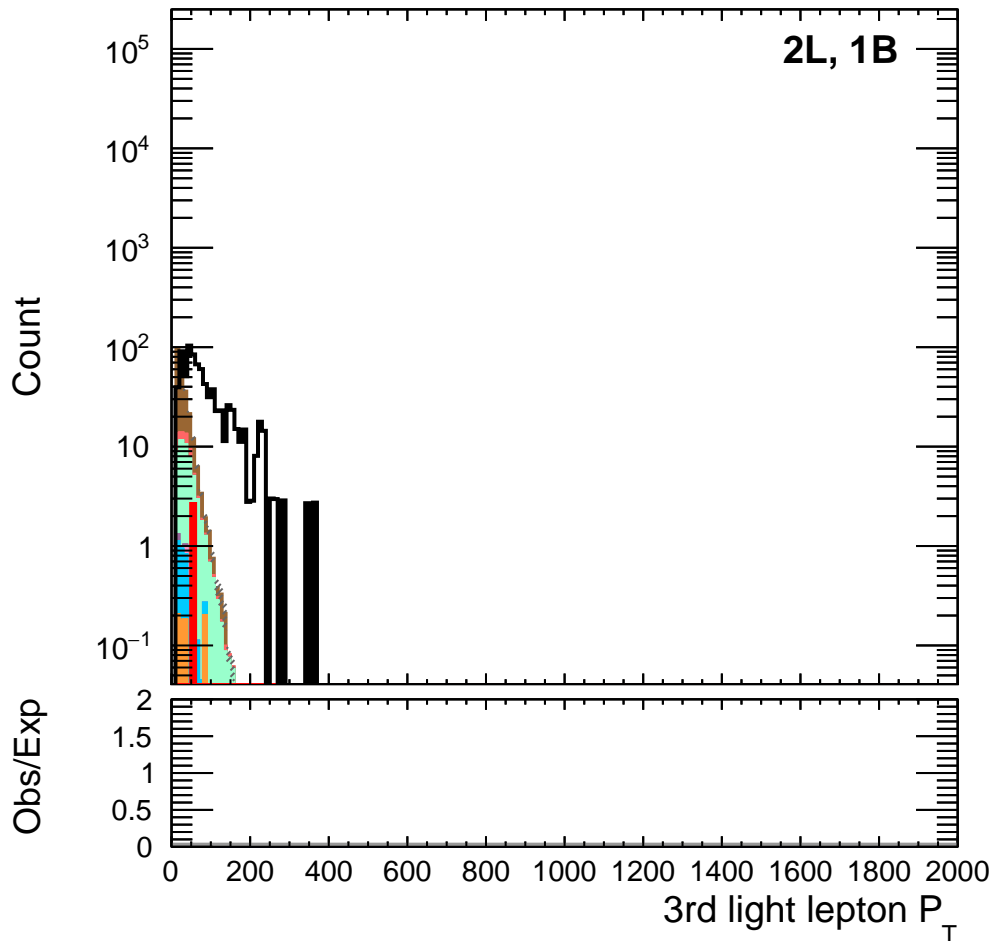
Obs/Exp: 0.00 Exp: 4.767e+05





Obs/Exp: 0.00 Exp: 4.767e+05





Obs/Exp: 0.00 Exp: 2.390e+02

