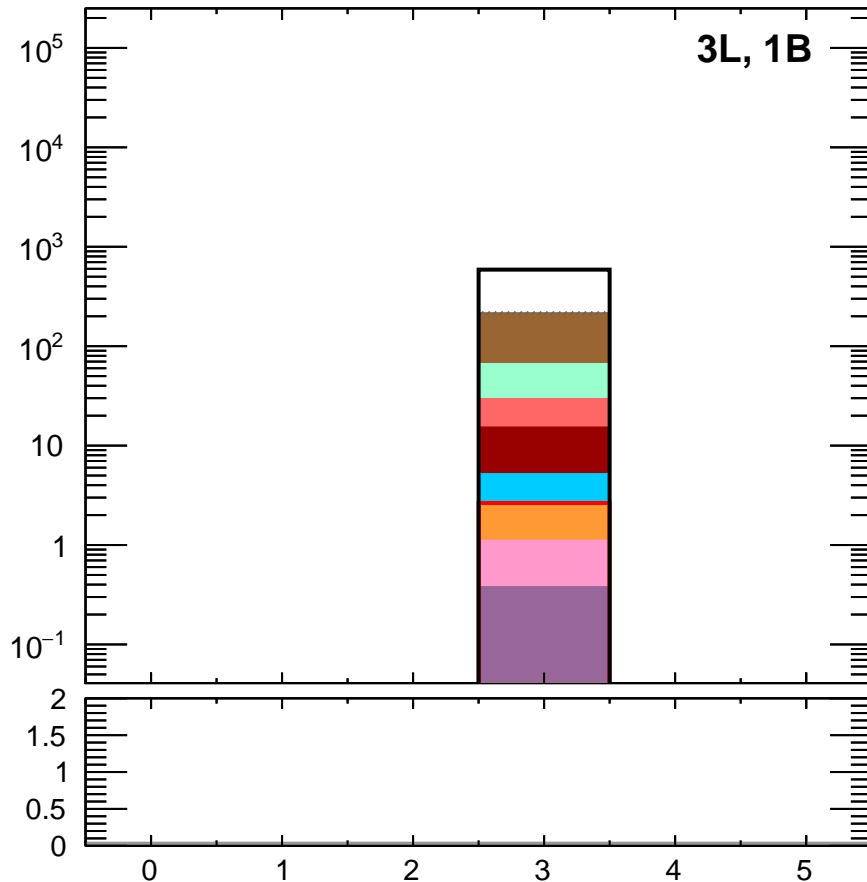


Count

3L, 1B

Obs/Exp



Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

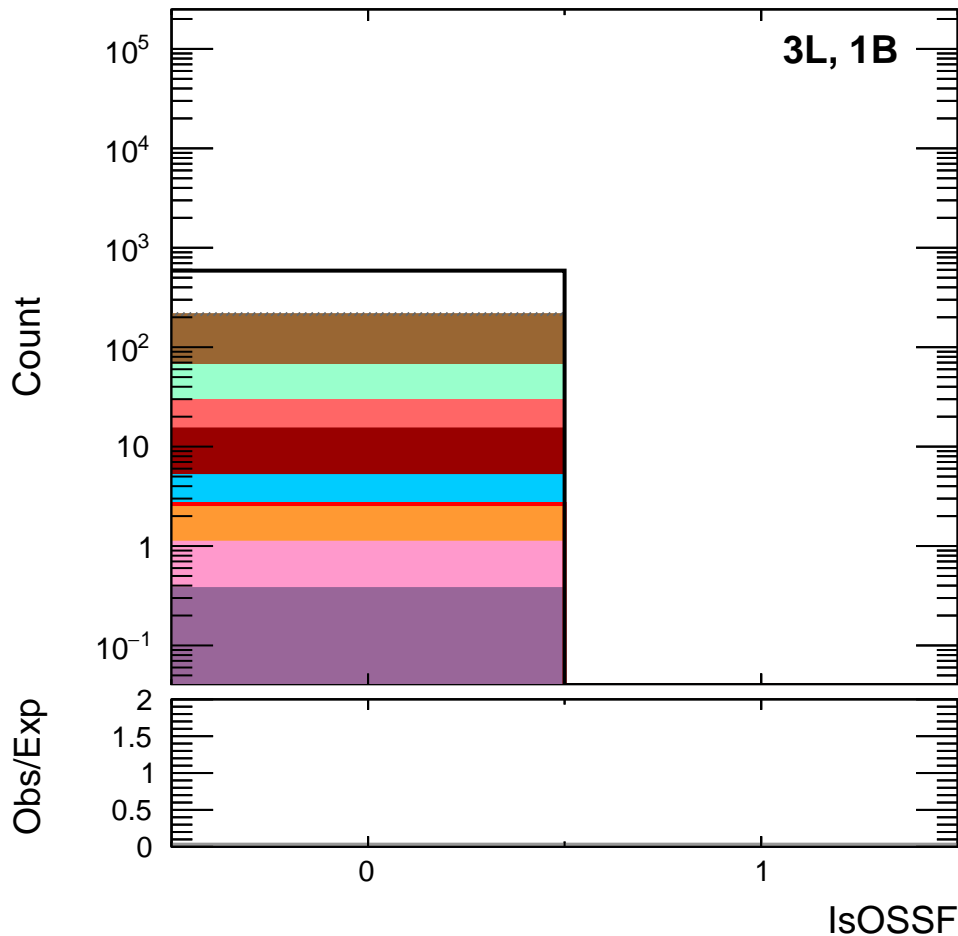
ZZ [7.262e-01]

WW [3.745e-01]

Uncertainty

top tau b nu [2.647e+00]

top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

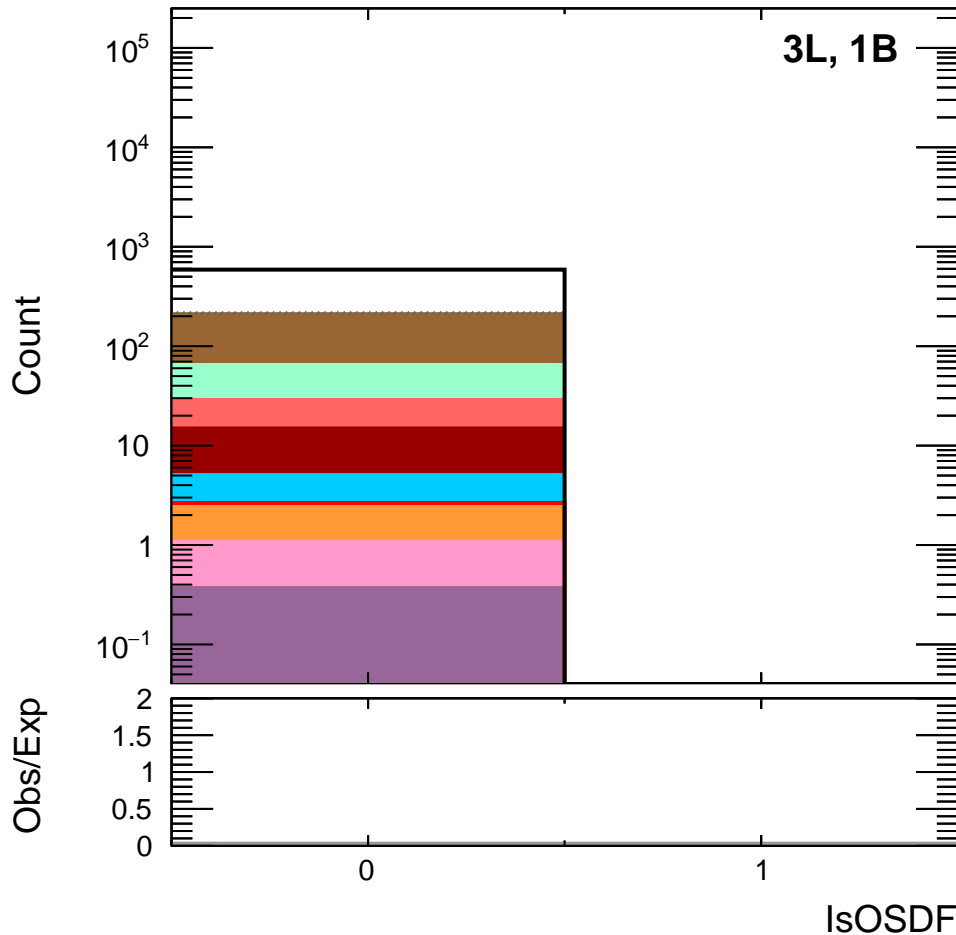
ZZ [7.262e-01]

WW [3.745e-01]

Uncertainty

top tau b nu [2.647e+00]

top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

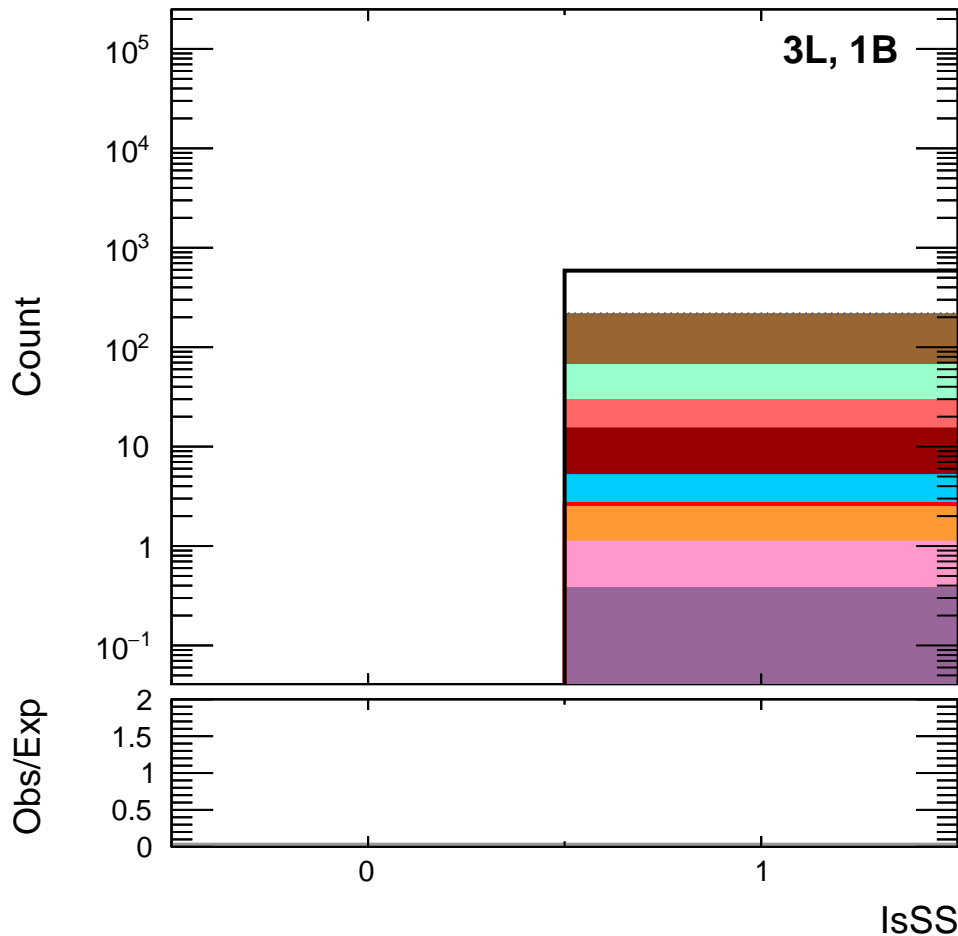
ZZ [7.262e-01]

WW [3.745e-01]

Uncertainty

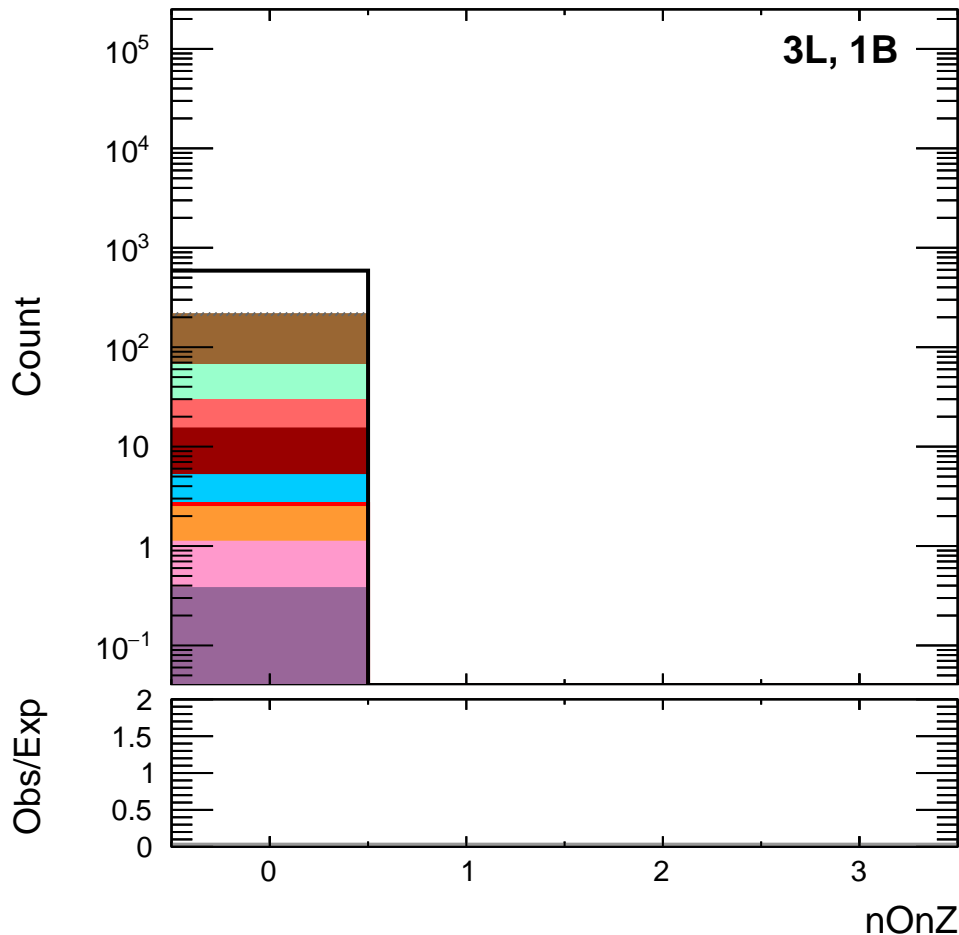
top tau b nu [2.647e+00]

top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

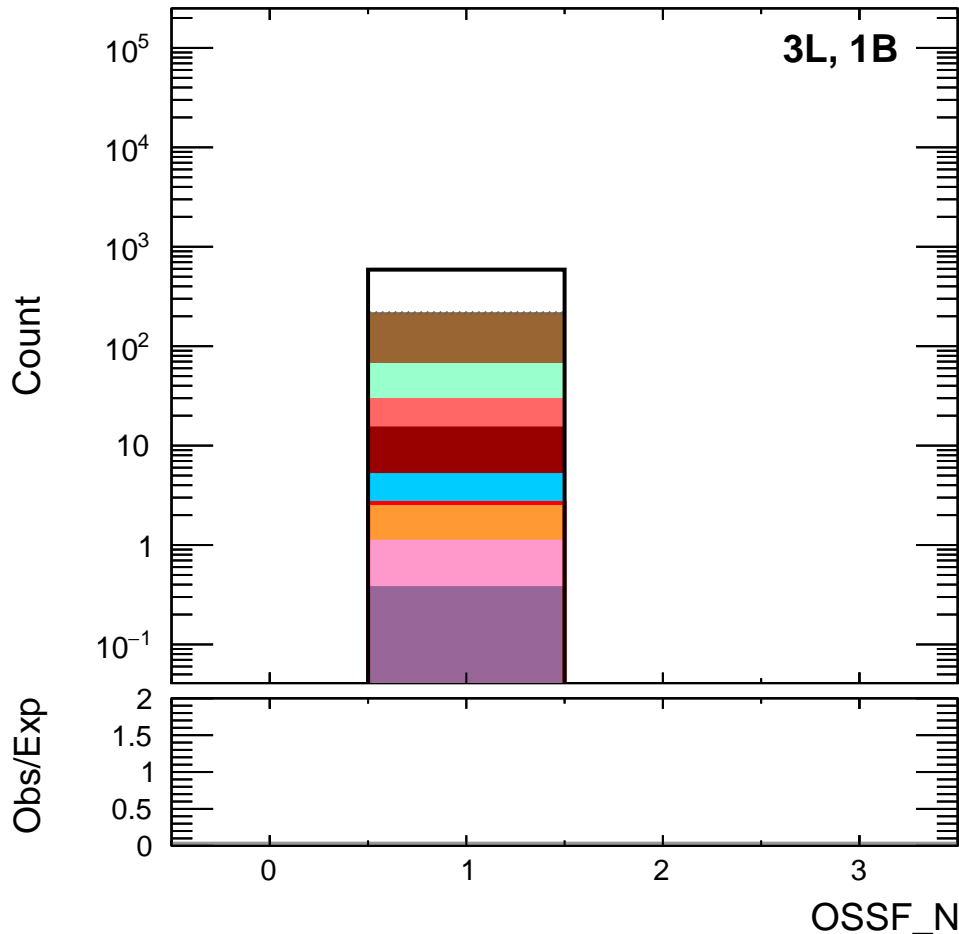
- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.675e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

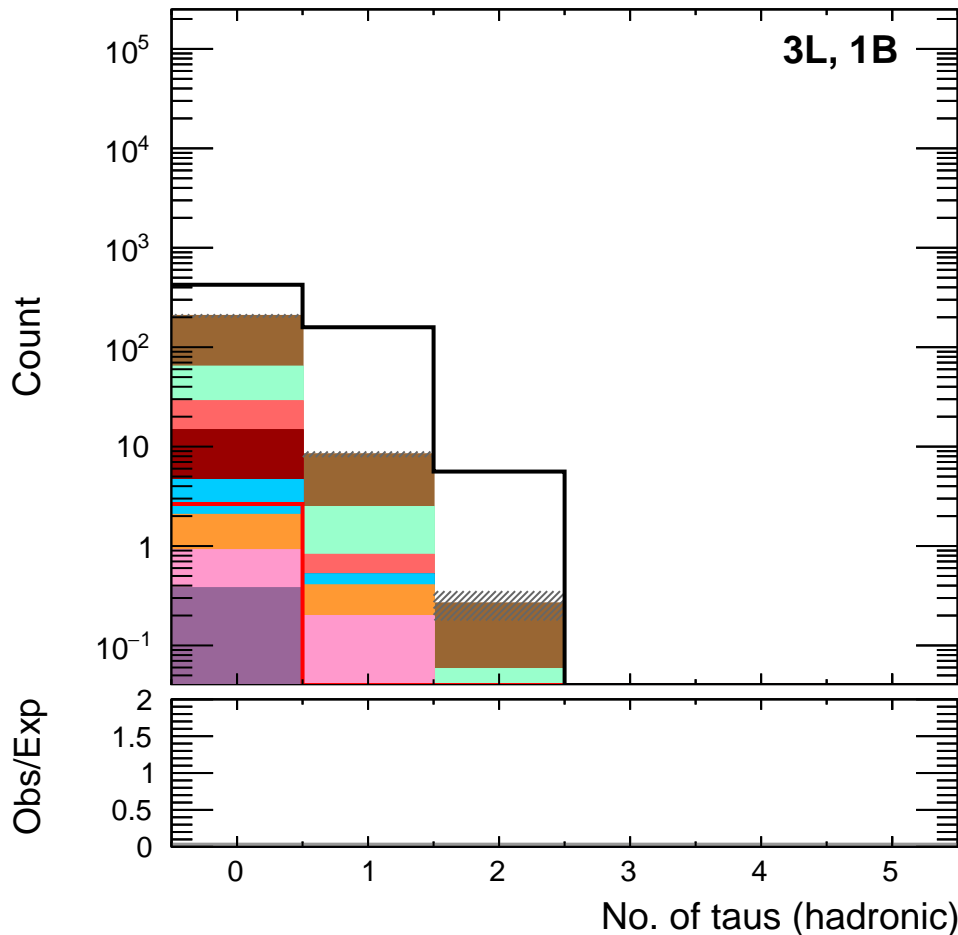
- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.675e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsonFilter>0 && LightLepton_N=0&&LightLepton_N==3 && CustomBJet_N > 0 && OSSF_N == 1 && Event_BestMOSSF[0] > MZhigh_



Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.675e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

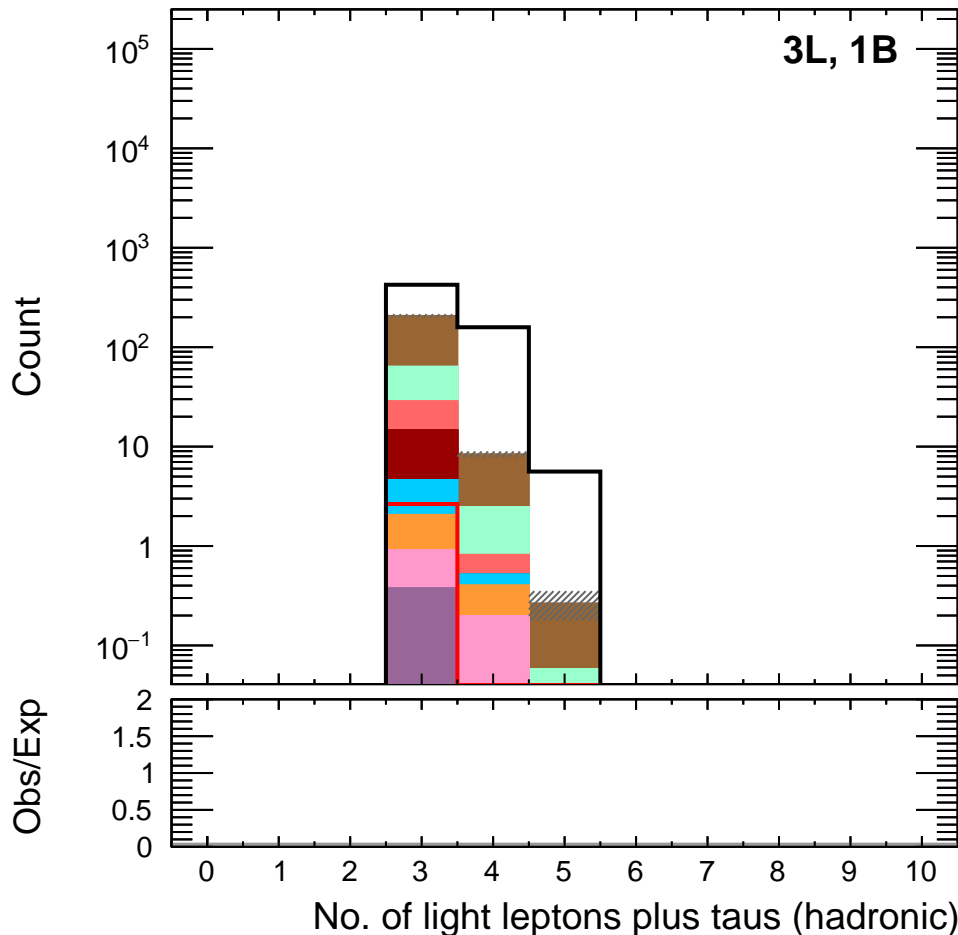
ZZ [7.262e-01]

WW [3.745e-01]

Uncertainty

top tau b nu [2.647e+00]

top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.675e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]

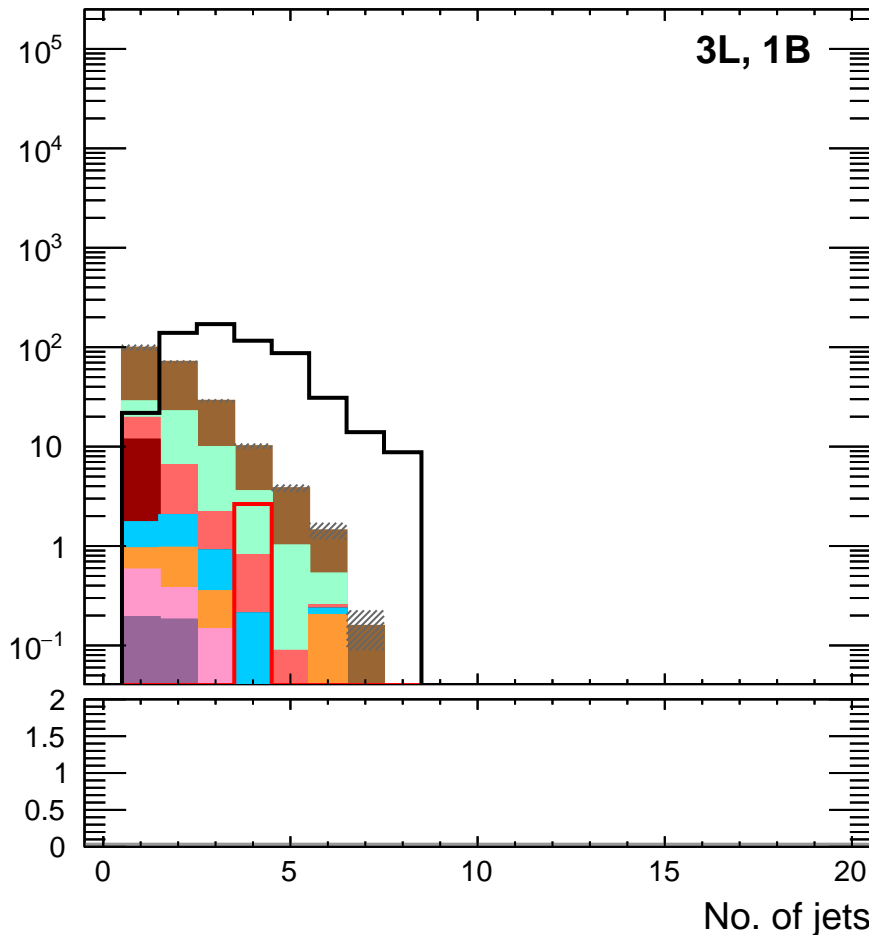
Count

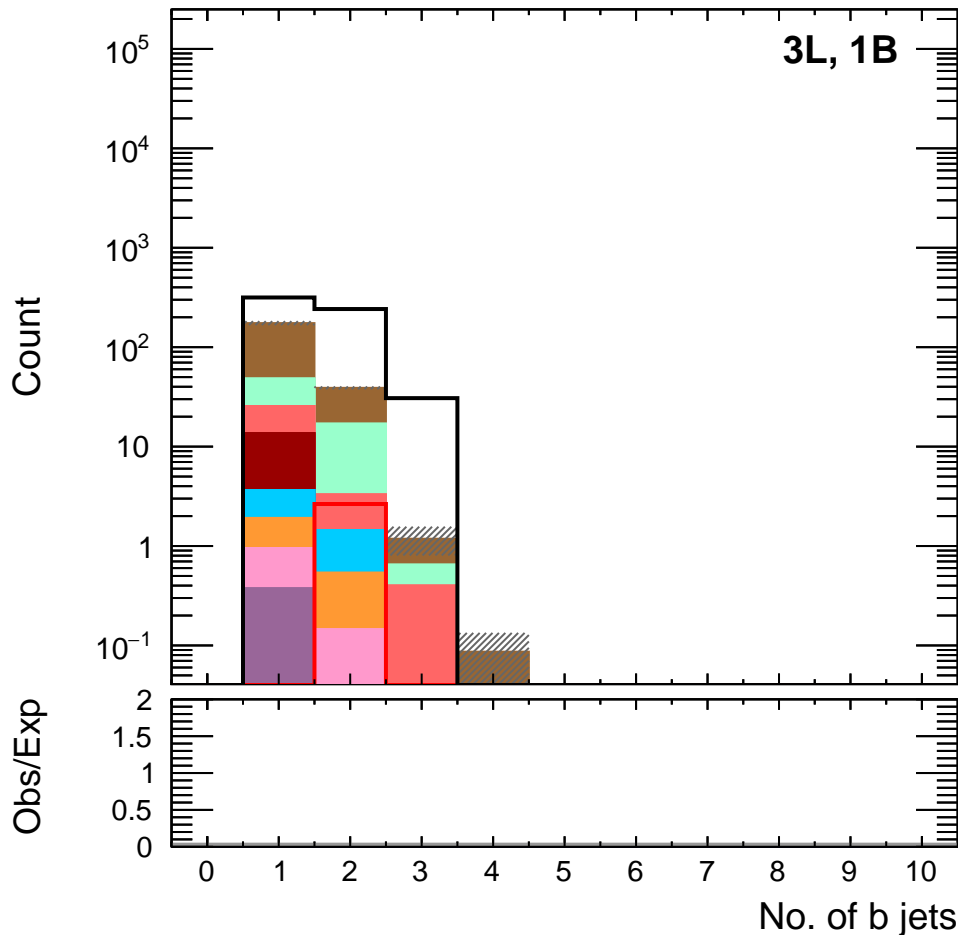
Obs/Exp

3L, 1B

Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.985e+00]
- TTZ [2.676e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]





Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

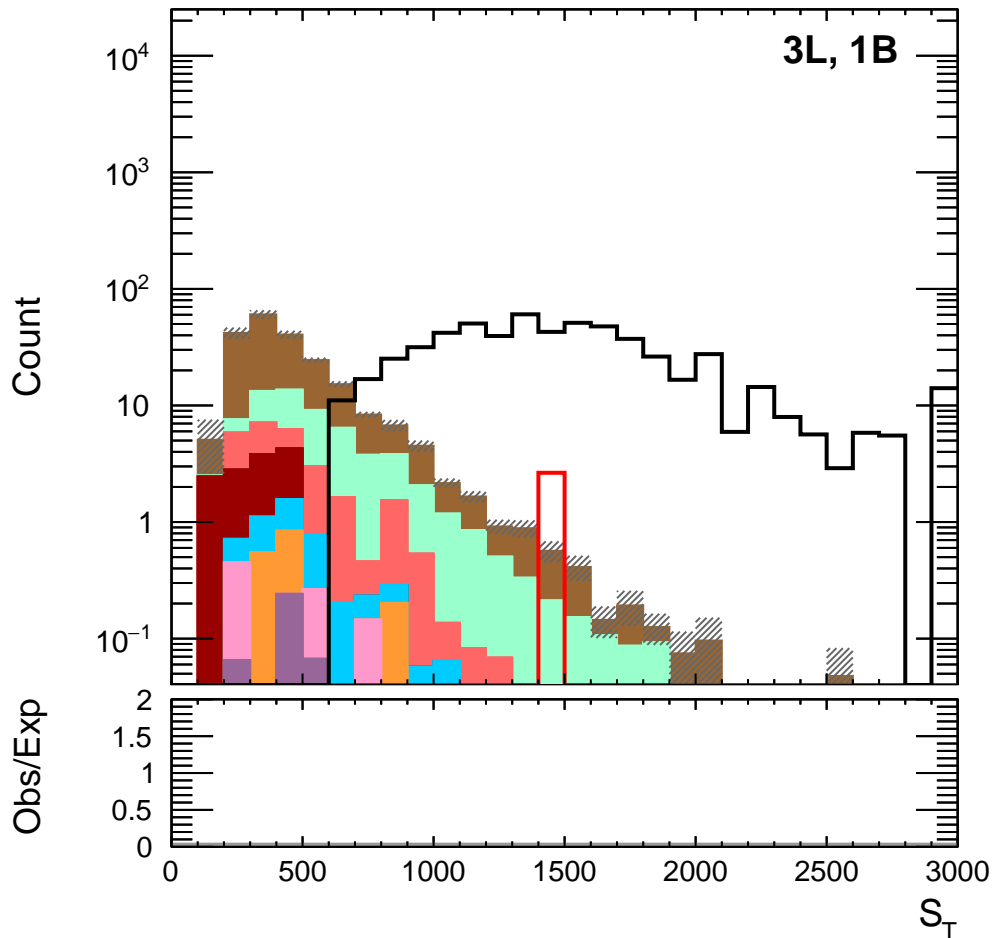
ZZ [7.262e-01]

WW [3.745e-01]

Uncertainty

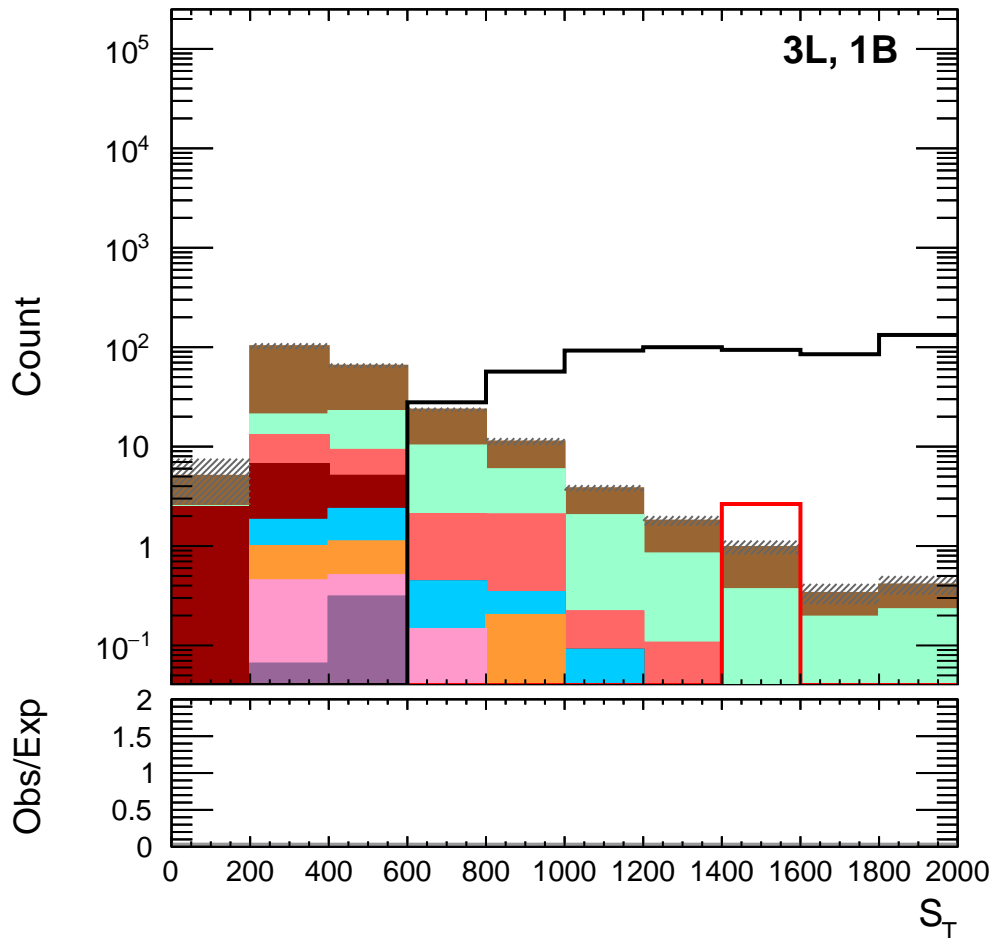
top tau b nu [2.647e+00]

top tau top tau [5.888e+02]



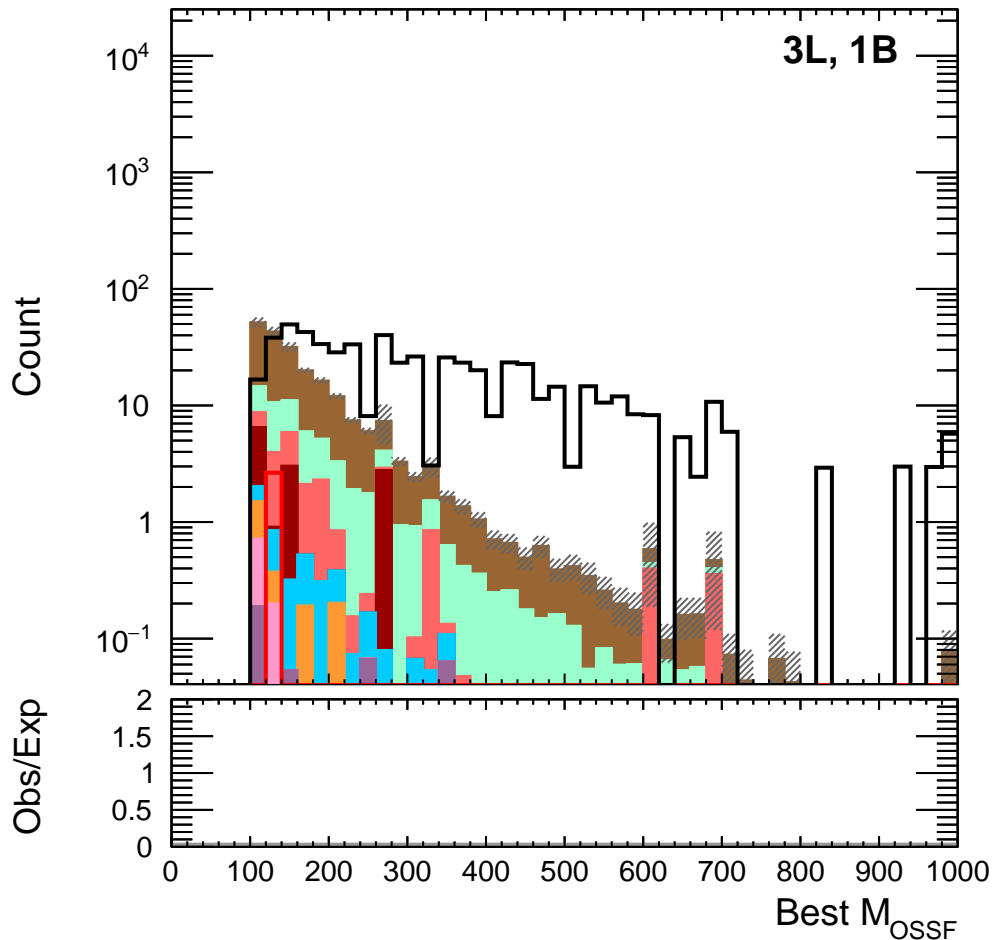
Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.681e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.681e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.685e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsfiler>0 && LightLepton_N=3 && CustomBJet_N > 0 && OSSF_N == 1 && Event_BestMOSSF[0] > MZhigh_

Count

Obs/Exp

3L, 1B

Obs/Exp: 0.00 Exp: 2.149e+02

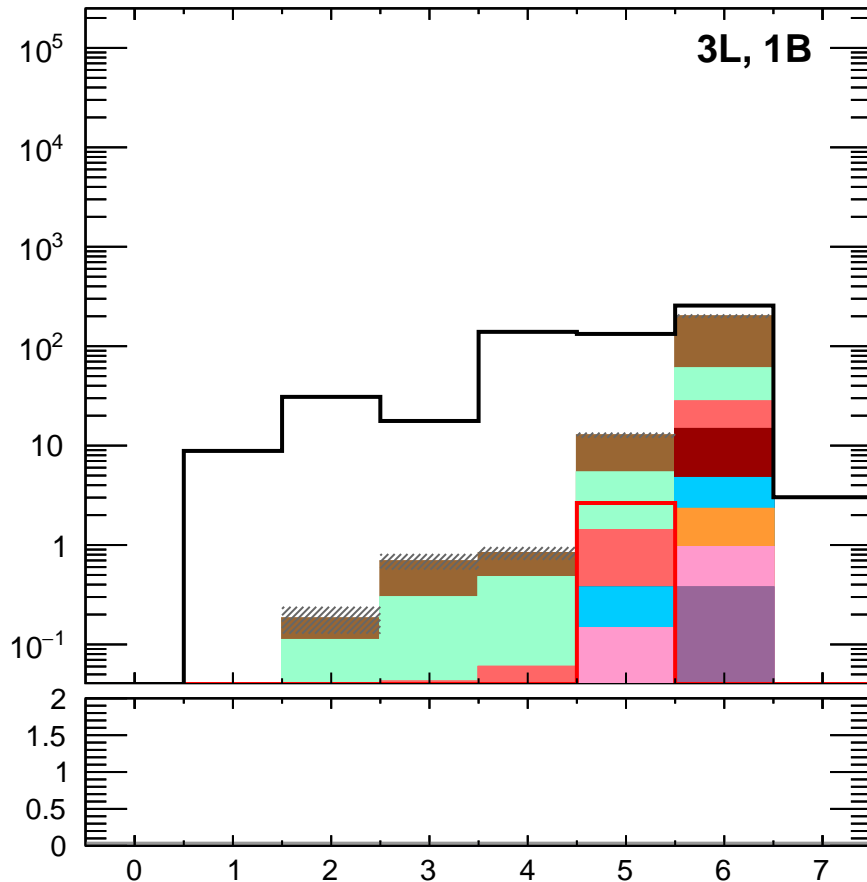


Category

Count

Obs/Exp

3L, 1B



Lepton-Inclusive Category

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsonFilter>0 && LightLepton_N>0&&LightLepton_N==3 && CustomBJet_N > 0 && OSSF_N == 1 && Event_BestMOSSF[0] > MZhigh_

Count

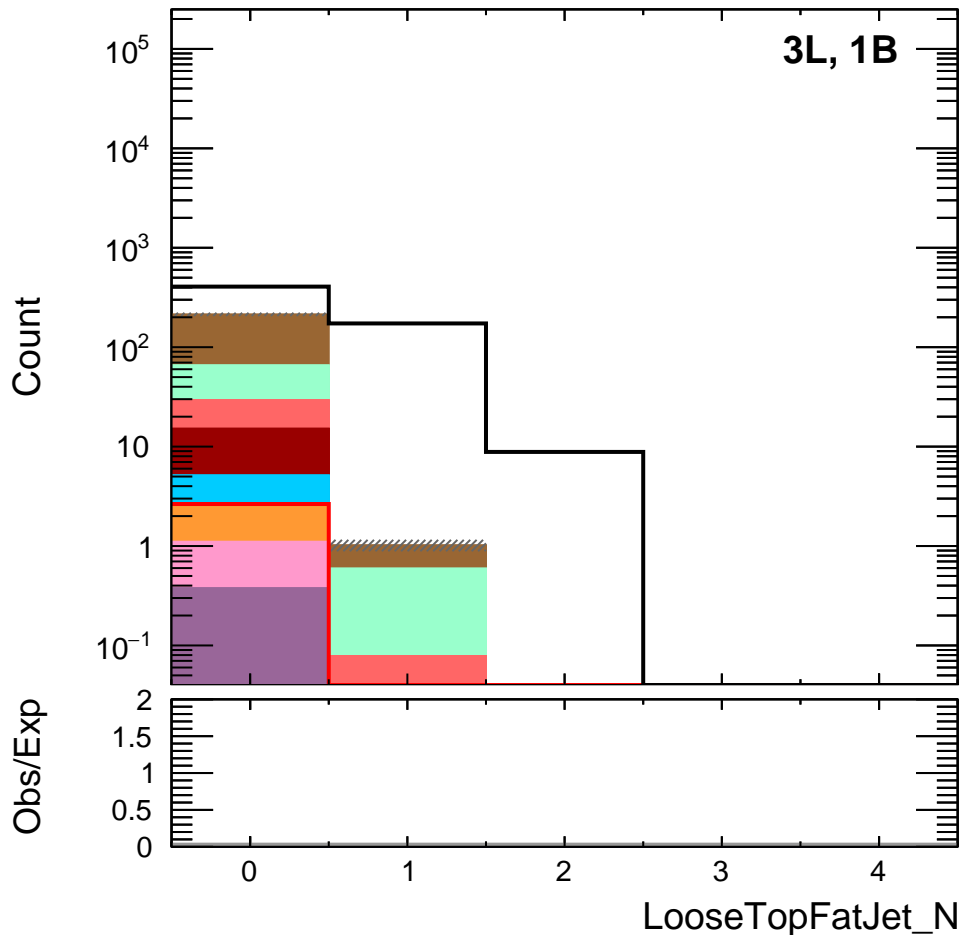
3L, 1B

Obs/Exp

Obs/Exp: 0.00 Exp: 2.149e+02



EXO-21-002 Category



Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

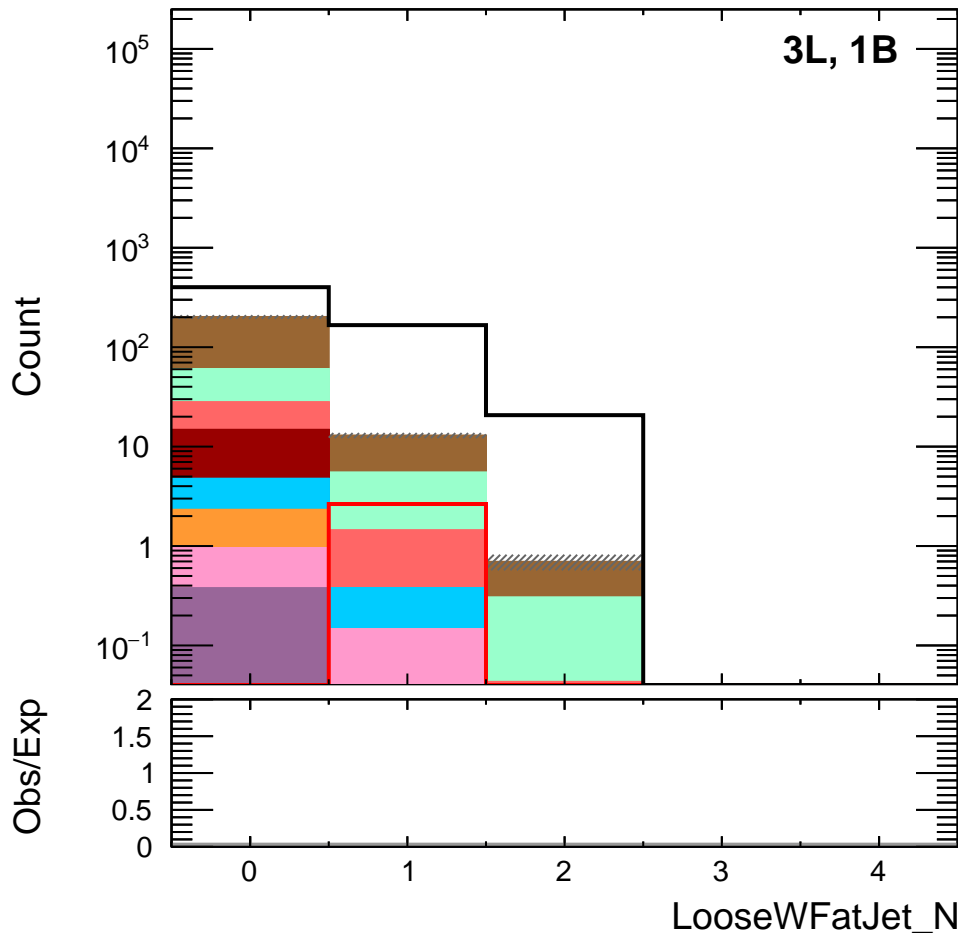
ZZ [7.262e-01]

WW [3.745e-01]

Uncertainty

top tau b nu [2.647e+00]

top tau top tau [5.888e+02]



Obs/Exp: 0.00 Exp: 2.149e+02

TT [1.490e+02]

TTW [3.666e+01]

ST [1.418e+01]

DY [9.981e+00]

TTZ [2.675e+00]

WZ [1.353e+00]

ZZ [7.262e-01]

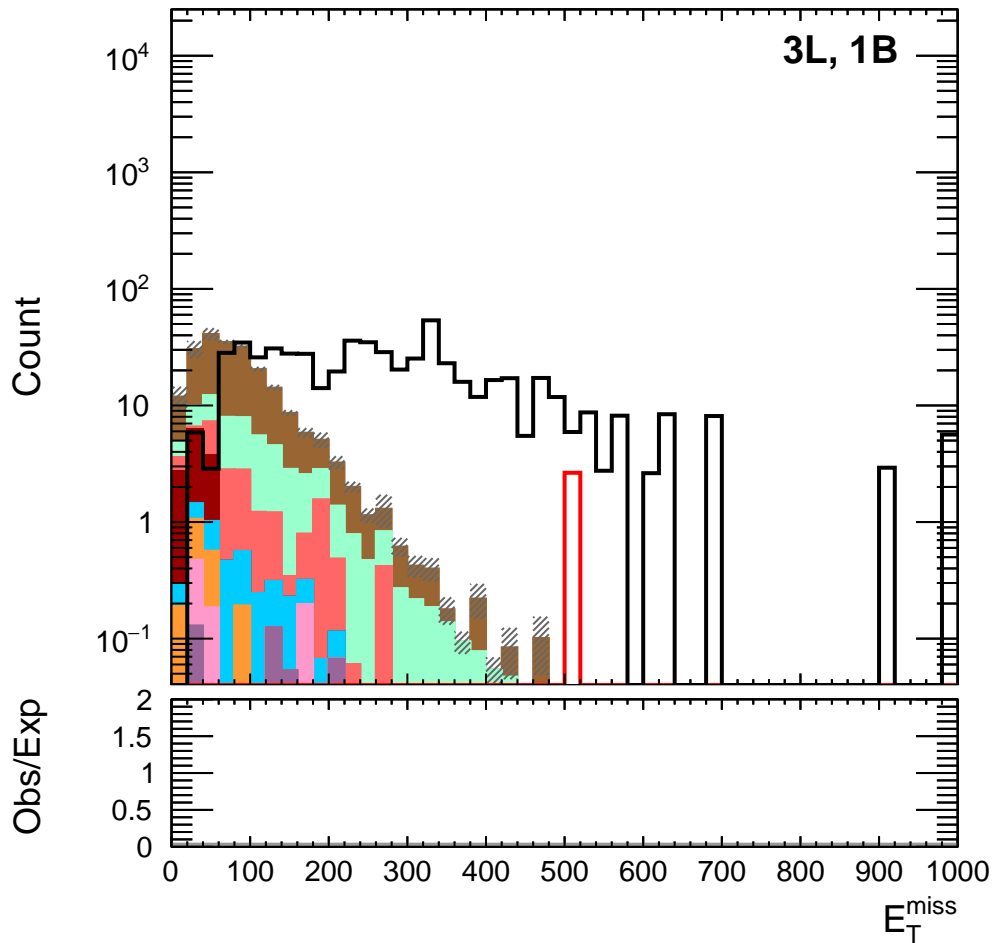
WW [3.745e-01]

Uncertainty

top tau b nu [2.647e+00]

top tau top tau [5.888e+02]

TrigAccept>0 && Event_IsTight>0 && PassMETFilters>0 && PassLumiJsonFilter>0 && LightLepton_N=0&&LightLepton_N==3 && CustomBJet_N > 0 && OSSF_N == 1 && Event_BestMOSSF[0] > MZhigh_



Obs/Exp: 0.00 Exp: 2.149e+02

- TT [1.490e+02]
- TTW [3.666e+01]
- ST [1.418e+01]
- DY [9.981e+00]
- TTZ [2.681e+00]
- WZ [1.353e+00]
- ZZ [7.262e-01]
- WW [3.745e-01]
- Uncertainty
- top tau b nu [2.647e+00]
- top tau top tau [5.888e+02]