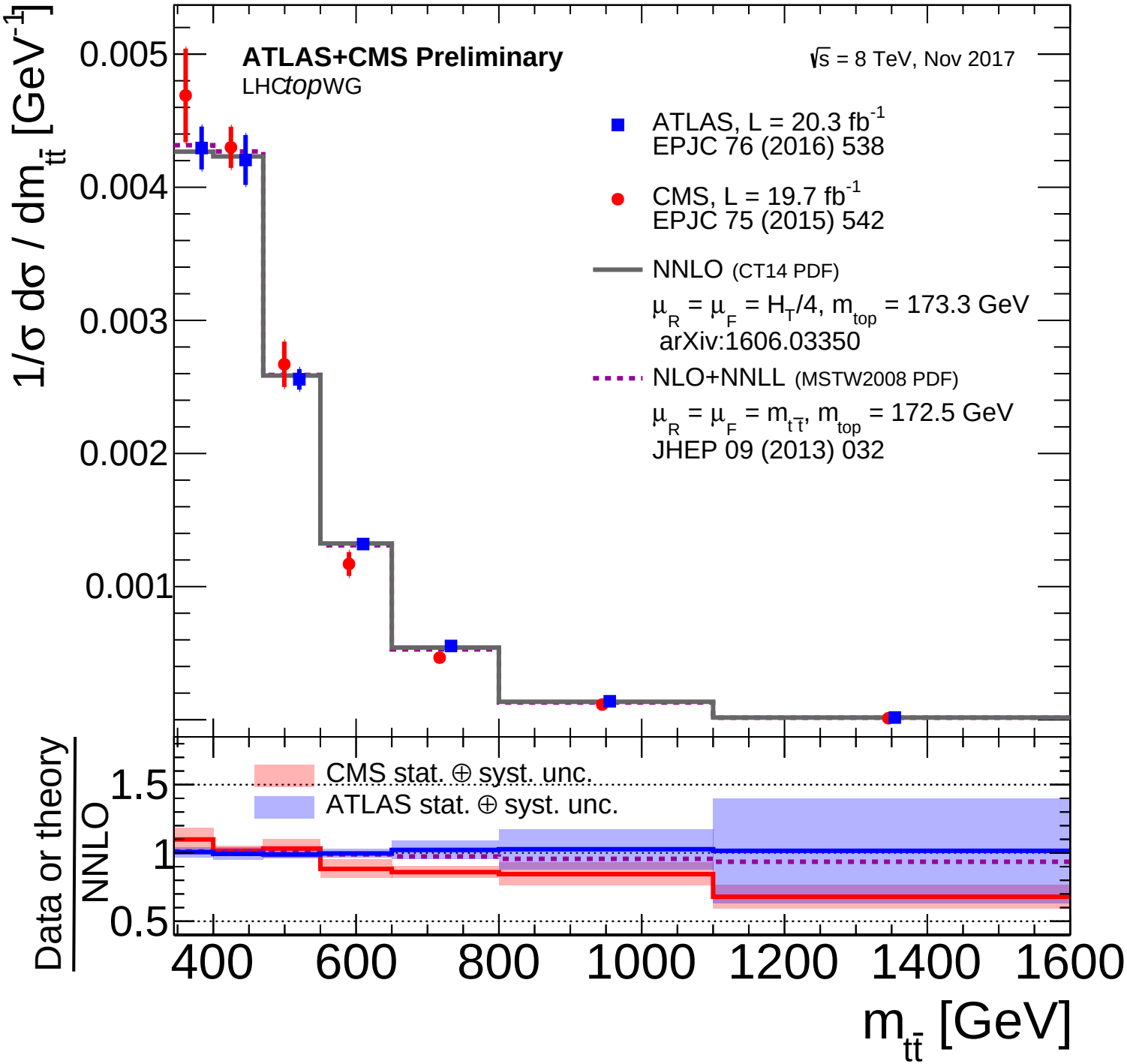
ATLAS+CMS Preliminary
LHCtopWG
√s = 8 TeV, Nov 2017
ATLAS, L = 20.3 fb-1
EPJC 76 (2016) 538
CMS, L = 19.7 fb-1
EPJC 75 (2015) 542
NNLO (CT14 PDF)
μR = μF = HT/4, mtop = 173.3 GeV
arXiv:1606.03350
NLO+NNLL (MSTW2008 PDF)
μR = μF = mtt̄, mtop = 172.5 GeV
JHEP 09 (2013) 032
1/σ dσ / dmtt̄ [GeV-1]
0.005
0.004
0.003
0.002
0.001
CMS stat. ⊕ syst. unc.
ATLAS stat. ⊕ syst. unc.
Data or theory / NNLO
1.5
1
0.5
400
600
800
1000
1200
1400
1600
mtt̄ [GeV]