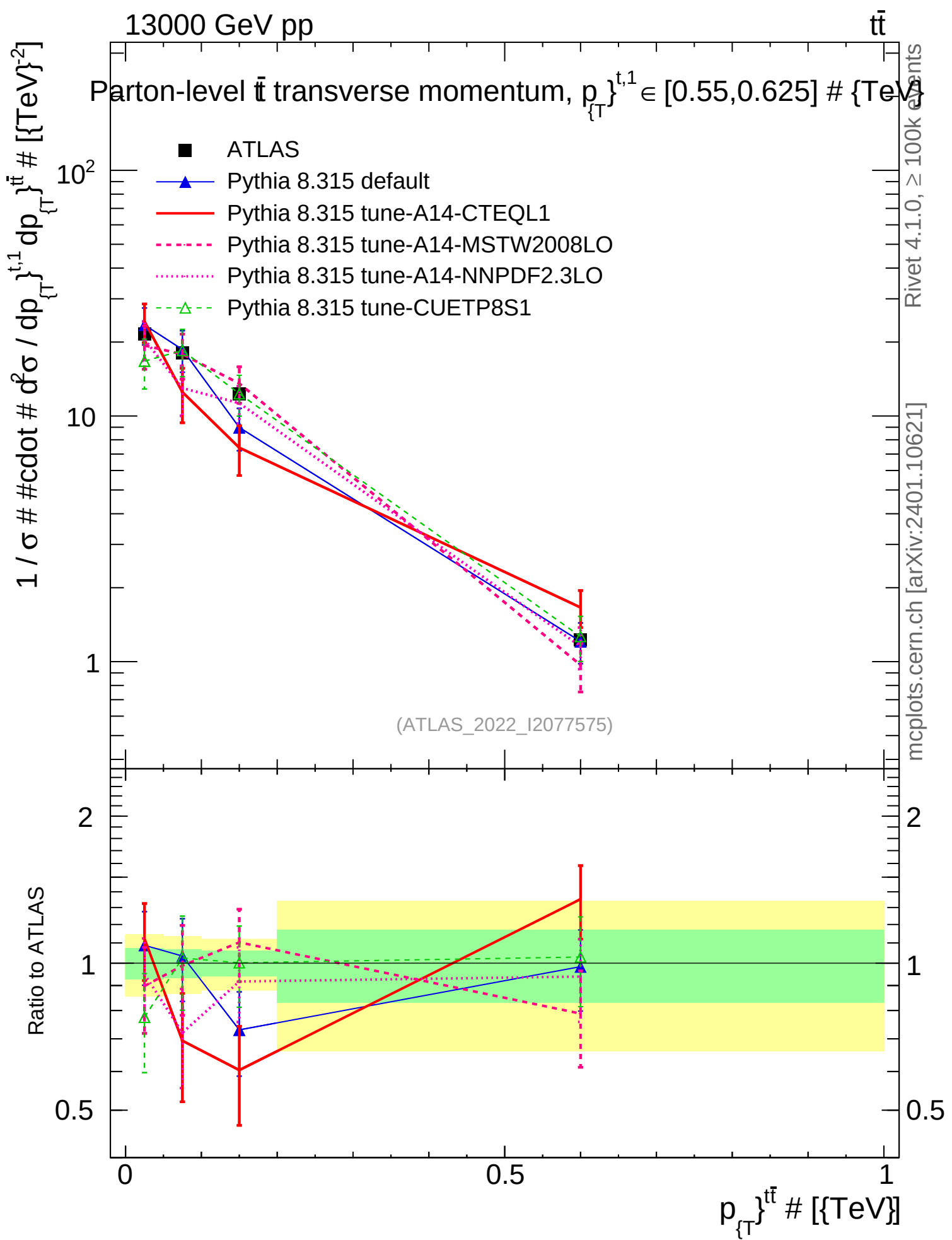
13000 GeV pp
tt̄
Parton-level tt̄ transverse momentum, p_{T}^{t,1} ∈ [0.55,0.625] # {TeV}
ATLAS
Pythia 8.315 default
Pythia 8.315 tune-A14-CTEQL1
Pythia 8.315 tune-A14-MSTW2008LO
Pythia 8.315 tune-A14-NNPDF2.3LO
Pythia 8.315 tune-CUETP8S1
(ATLAS_2022_I2077575)
1 / σ # #cdot # d²σ / dp_{T}^{t,1} dp_{T}^{tt̄} # [{TeV}^{-2}]
Ratio to ATLAS
p_{T}^{tt̄} # [{TeV}]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]