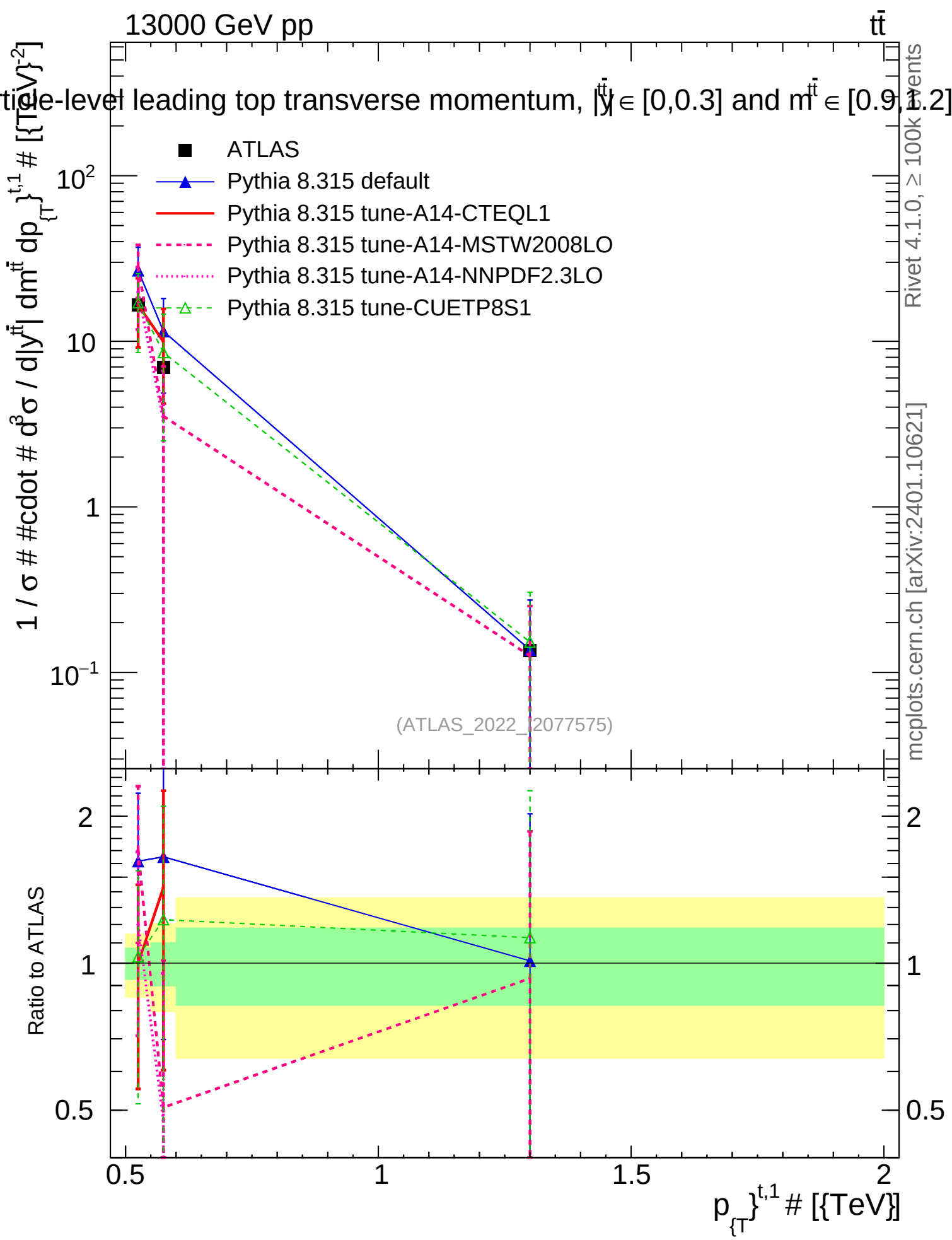
13000 GeV pp
$t\bar{t}$
Particle-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0,0.3]$ and $m^{t\bar{t}} \in [0.9,1.2]$
ATLAS
Pythia 8.315 default
Pythia 8.315 tune-A14-CTEQL1
Pythia 8.315 tune-A14-MSTW2008LO
Pythia 8.315 tune-A14-NNPDF2.3LO
Pythia 8.315 tune-CUETP8S1
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
1 / σ # #cdot # d³σ / d|y^{tt̄}| dm^{tt̄} dp_{T}^{t,1} # [{TeV}^{-2}]
Ratio to ATLAS
p_{T}^{t,1} # [{TeV}]