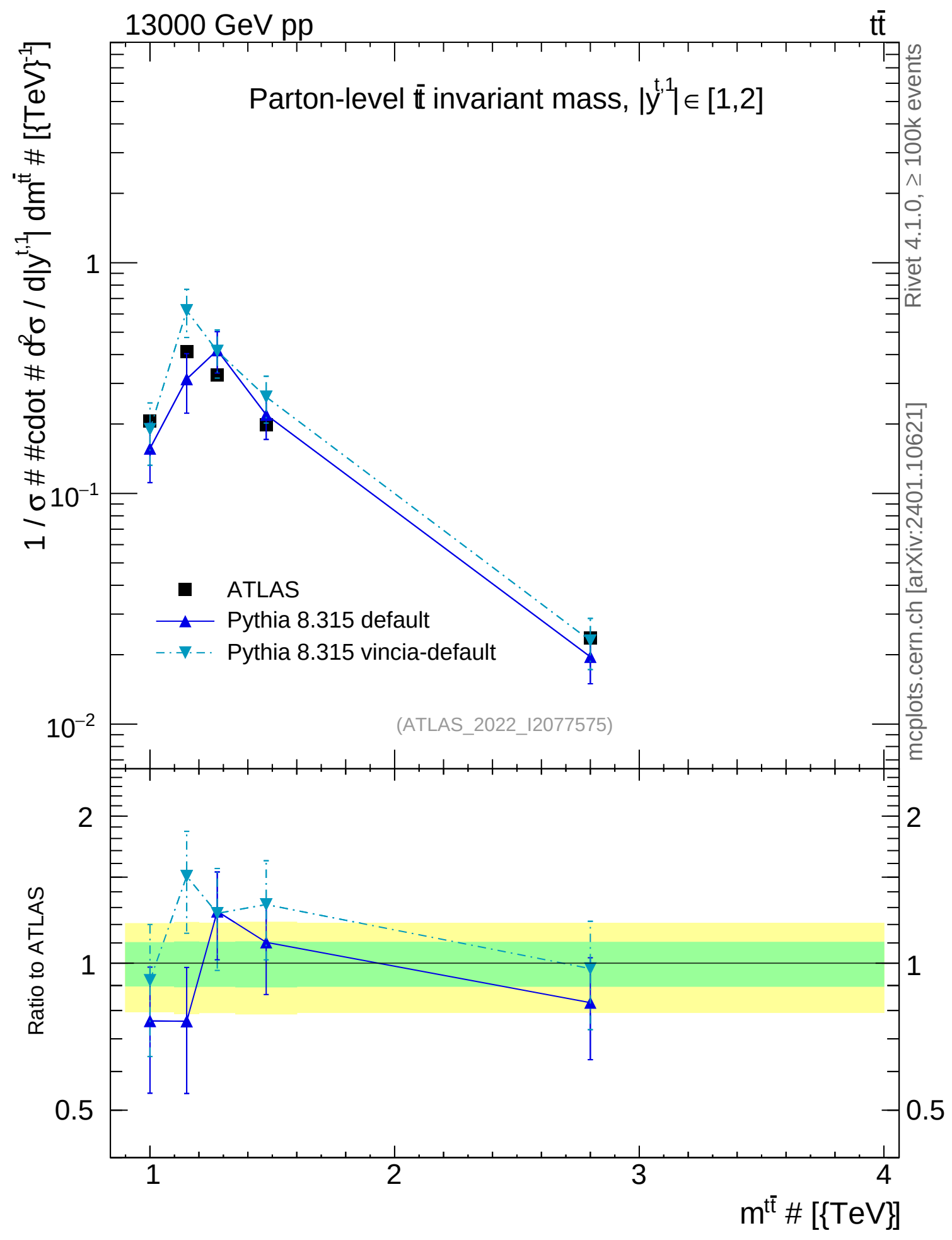
13000 GeV pp
tt̄
Parton-level tt̄ invariant mass, |y^{t,1}| ∈ [1,2]
1 / σ # #cdot # d²σ / d|y^{t,1}| dm^{tt̄} # [{TeV}^{-1}]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
ATLAS
Pythia 8.315 default
Pythia 8.315 vincia-default
(ATLAS_2022_I2077575)
Ratio to ATLAS
m^{tt̄} # [{TeV}]