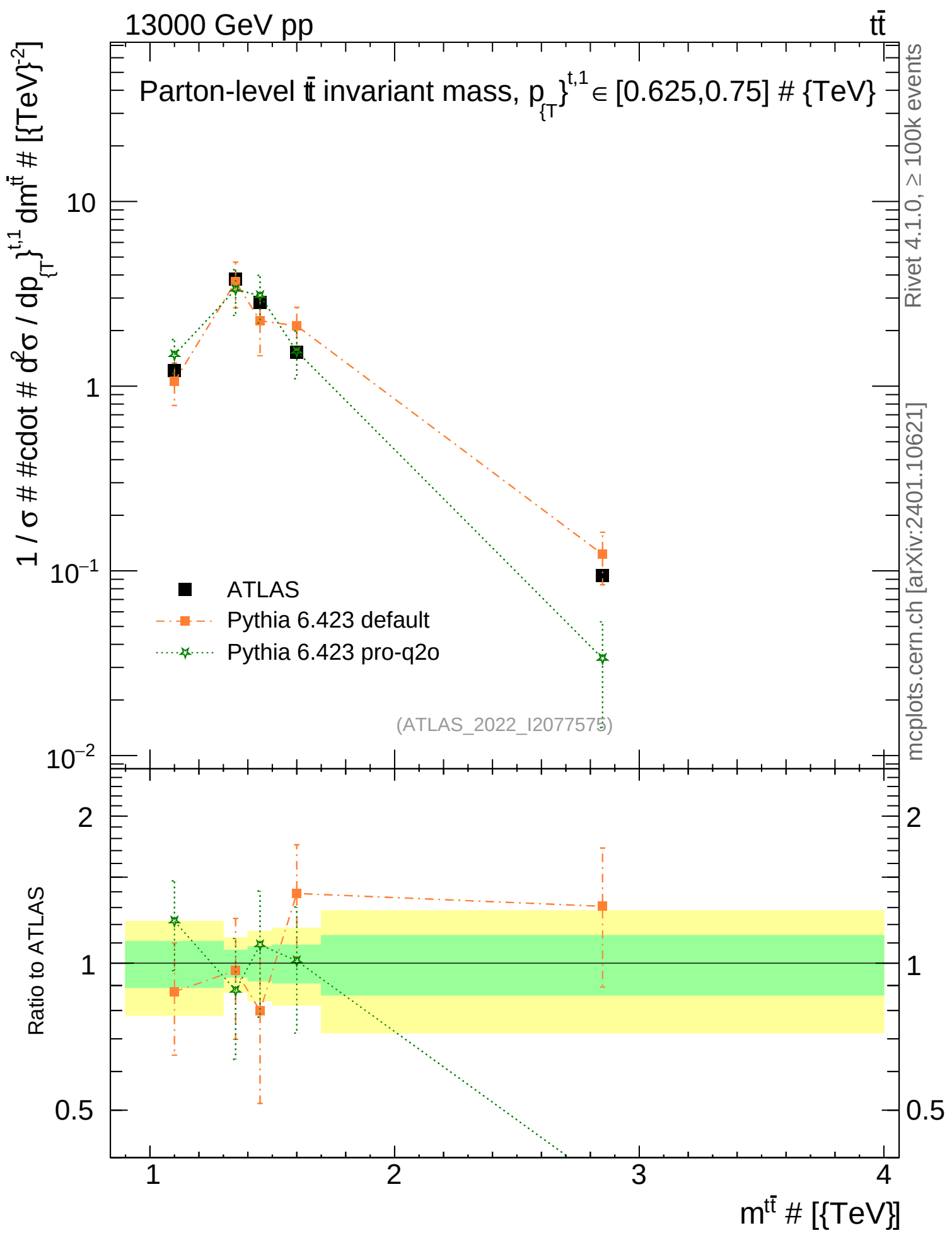
13000 GeV pp
tt̄
Parton-level tt̄ invariant mass, p_{T}^{t,1} ∈ [0.625,0.75] # {TeV}
1 / σ # #cdot # d²σ / dp_{T}^{t,1} dm^{tt̄} # [{TeV}^{-2}]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
ATLAS
Pythia 6.423 default
Pythia 6.423 pro-q2o
(ATLAS_2022_I2077575)
Ratio to ATLAS
m^{tt̄} # [{TeV}]