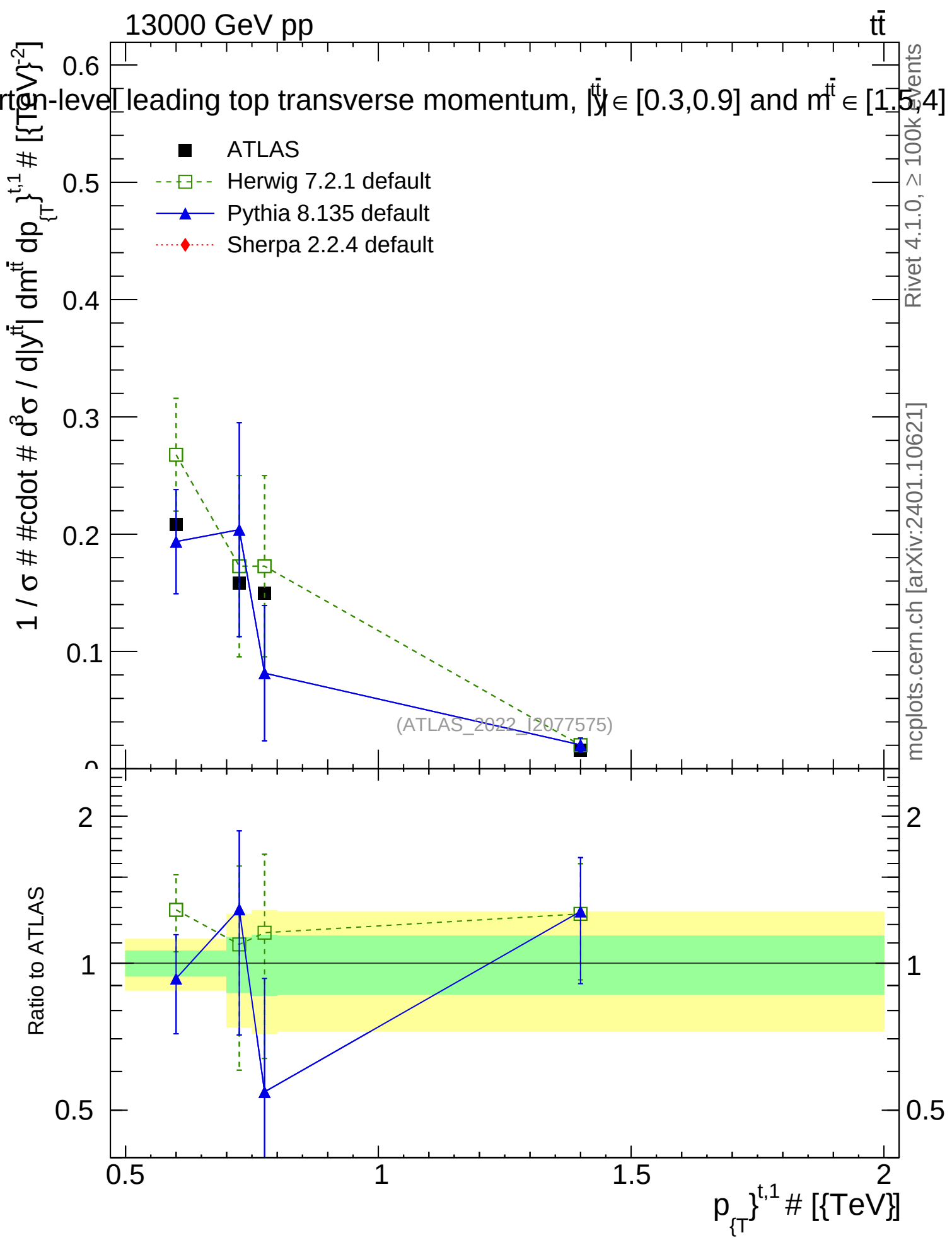
13000 GeV pp
tt̄
Parton-level leading top transverse momentum, |y^tt̄| ∈ [0.3,0.9] and m^tt̄ ∈ [1.5,4]
ATLAS
Herwig 7.2.1 default
Pythia 8.135 default
Sherpa 2.2.4 default
(ATLAS_2022_I2077575)
1 / σ # #cdot # d³σ / d|y^tt̄| dm^tt̄ dp_{T}^{t,1} # [{TeV}^-2]
Ratio to ATLAS
p_{T}^{t,1} # [{TeV}]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]