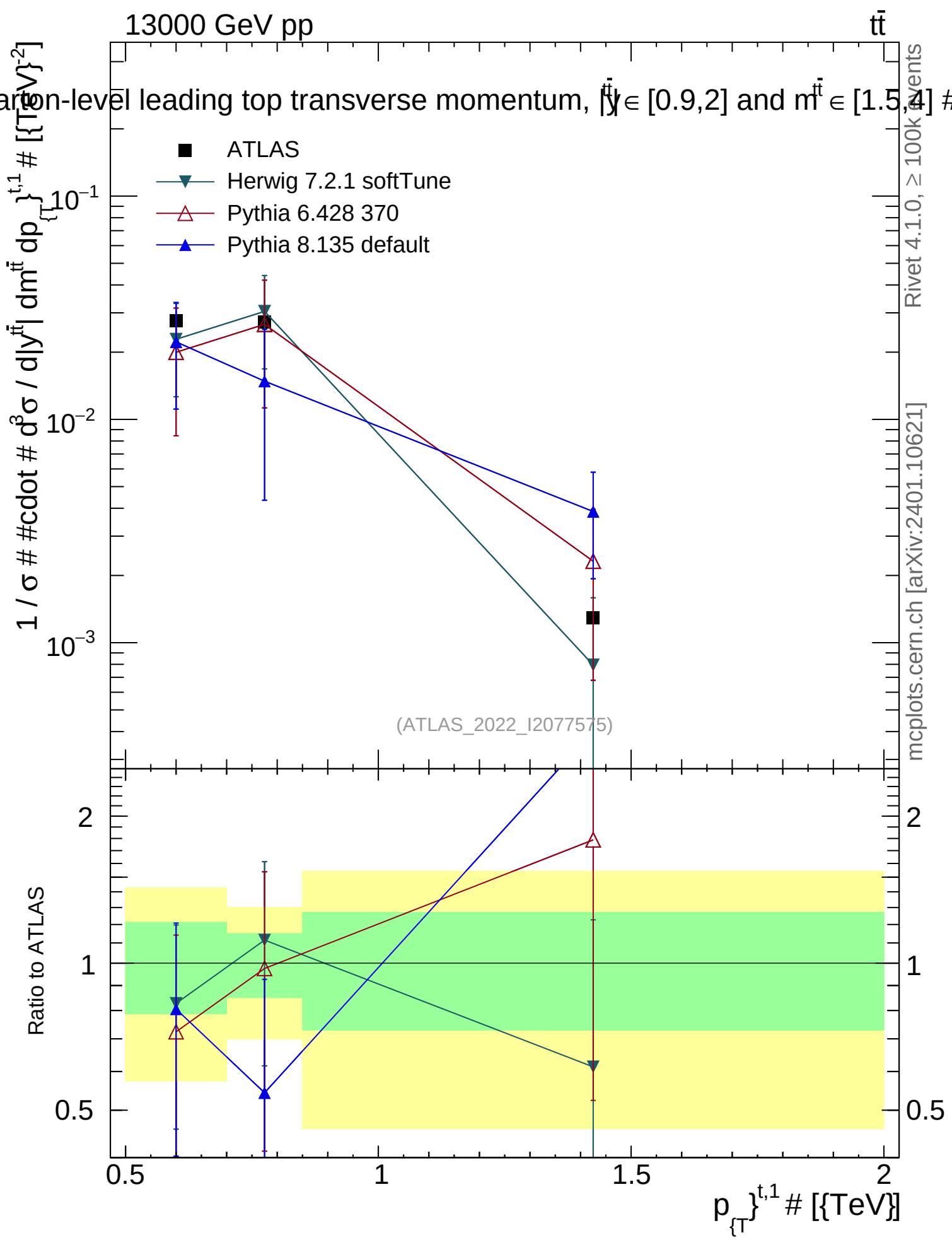
13000 GeV pp
tt̄
arton-level leading top transverse momentum, |y^tt̄| ∈ [0.9,2] and m^tt̄ ∈ [1.5,4] #
ATLAS
Herwig 7.2.1 softTune
Pythia 6.428 370
Pythia 8.135 default
1 / σ # #cdot # d^3σ / d|y^tt̄| dm^tt̄ dp_{T}^{t,1} # [{TeV}^-2]
10^-1
10^-2
10^-3
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
2
1
0.5
0.5
1
1.5
2
p_{T}^{t,1} # [{TeV}]