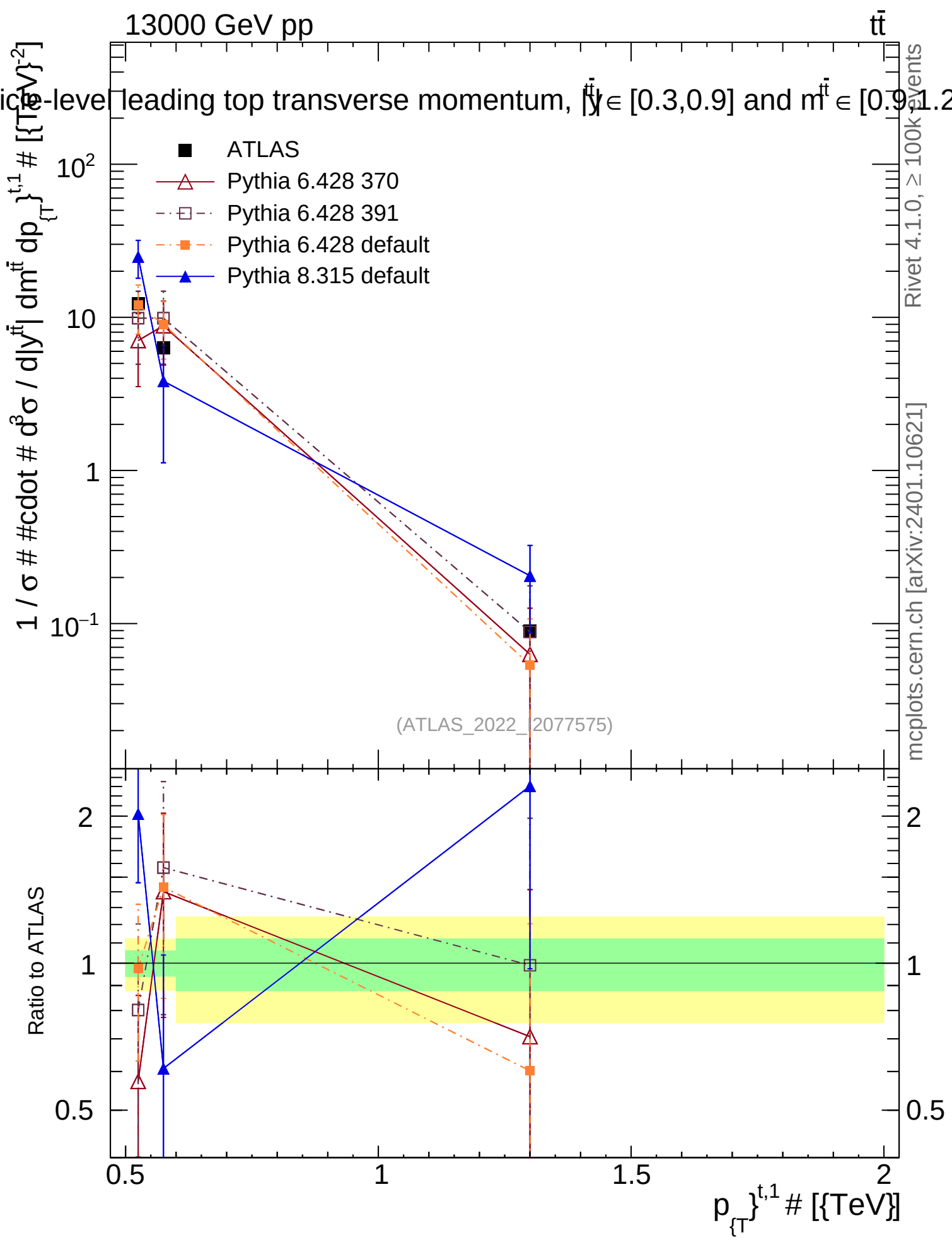
13000 GeV pp
$t\bar{t}$
icle-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0.3,0.9]$ and $m^{t\bar{t}} \in [0.9,1.2$
ATLAS
Pythia 6.428 370
Pythia 6.428 391
Pythia 6.428 default
Pythia 8.315 default
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
1 / σ # #cdot # d³σ / d|y^{tt̄}| dm^{tt̄} dp_{T}^{t,1} # [{TeV}^{-2}]
Ratio to ATLAS
p_{T}^{t,1} # [{TeV}]