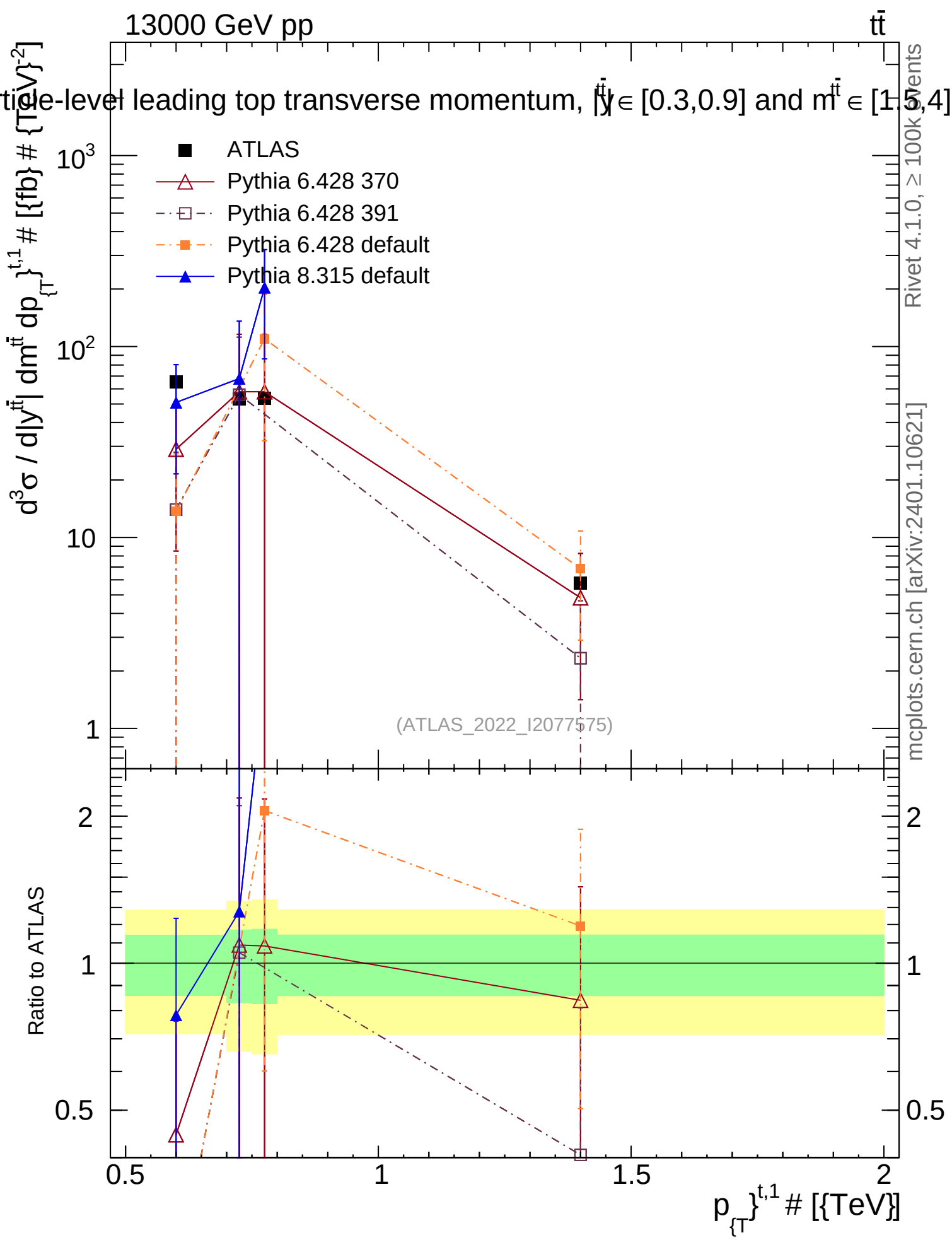
13000 GeV pp
$t\bar{t}$
Particle-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0.3,0.9]$ and $m^{t\bar{t}} \in [1.5,4]$
ATLAS
Pythia 6.428 370
Pythia 6.428 391
Pythia 6.428 default
Pythia 8.315 default
(ATLAS_2022_I2077575)
$d^3\sigma / d|y^{t\bar{t}}| dm^{t\bar{t}} dp_{\{T\}}^{t,1}$ # [{fb} # {TeV}$^{-2}$]
Ratio to ATLAS
$p_{\{T\}}^{t,1}$ # [{TeV}]
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]