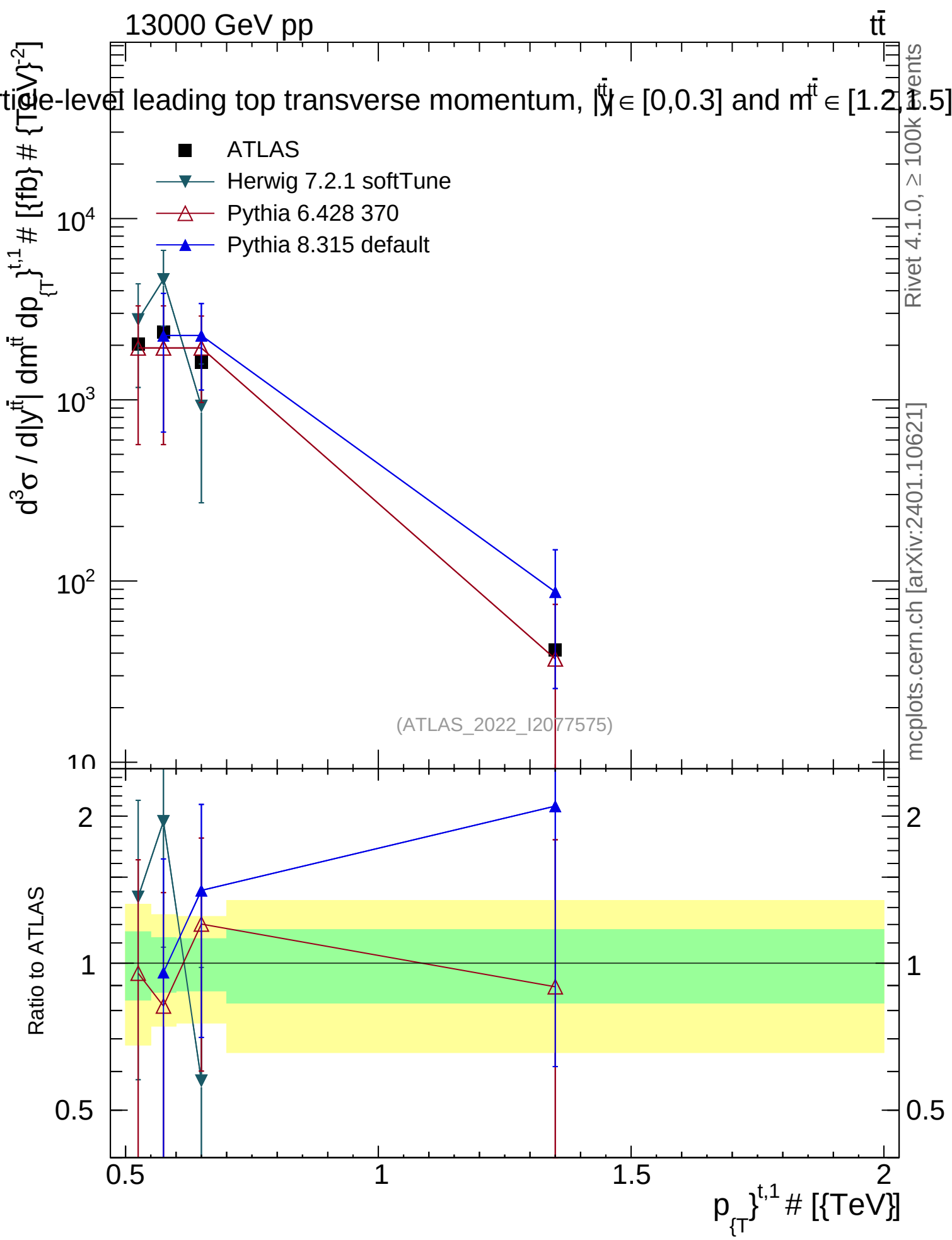
13000 GeV pp
$t\bar{t}$
Particle-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0,0.3]$ and $m^{t\bar{t}} \in [1.2,1.5]$
ATLAS
Herwig 7.2.1 softTune
Pythia 6.428 370
Pythia 8.315 default
$d^3\sigma / d|y^{t\bar{t}}| dm^{t\bar{t}} dp_{T}^{t,1}$ # [{fb} # {TeV}$^{-2}$]
10^4
10^3
10^2
10
(ATLAS_2022_I2077575)
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}]