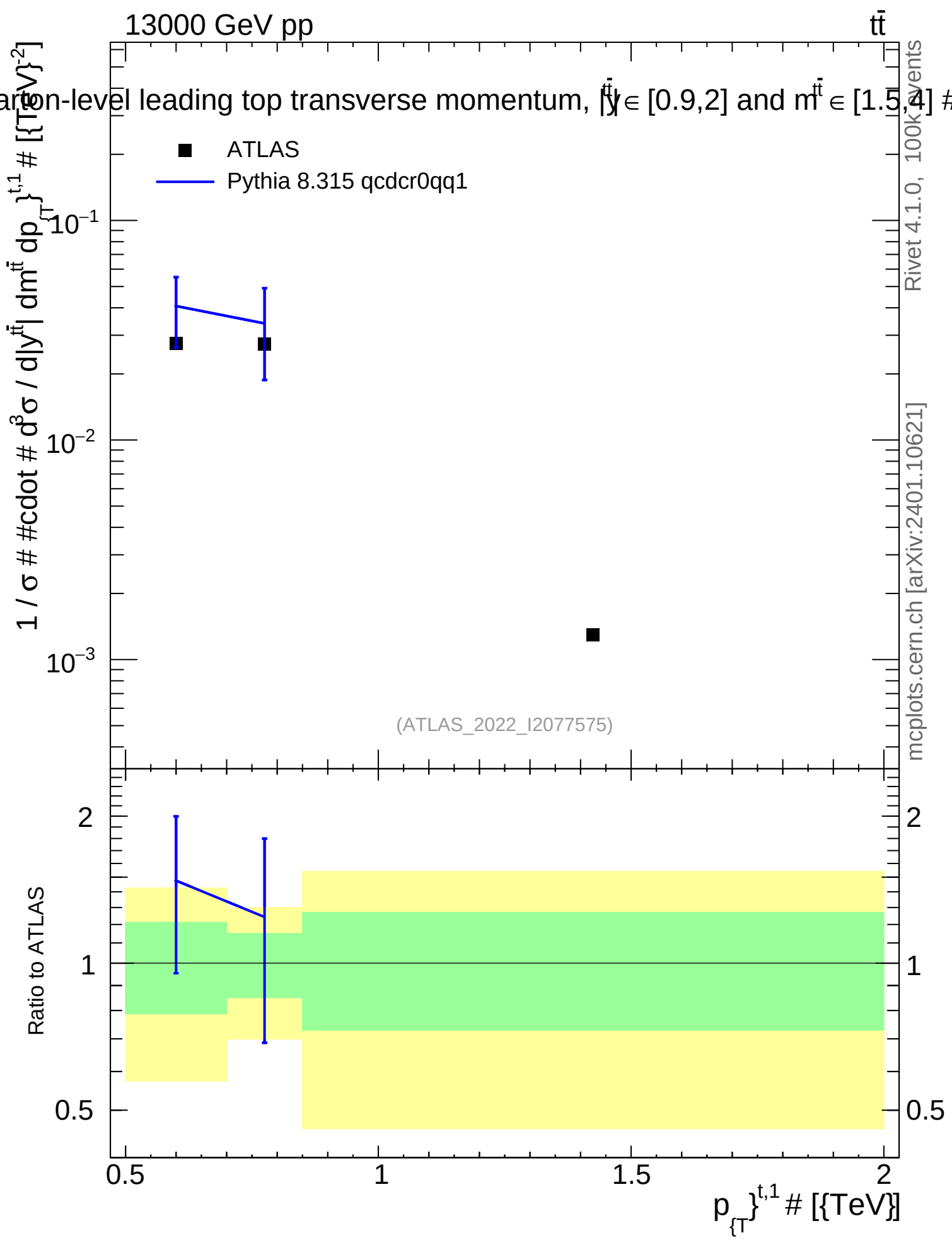
13000 GeV pp
$t\bar{t}$
Parton-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0.9,2]$ and $m^{t\bar{t}} \in [1.5,4]$ #
ATLAS
Pythia 8.315 qcdcr0qq1
$1 / \sigma$ # #cdot # $d^3\sigma / d|y^{t\bar{t}}| dm^{t\bar{t}} dp_{\{T\}}^{t,1}$ # [{TeV}$^{-2}$]
10^{-1}
10^{-2}
10^{-3}
(ATLAS_2022_I2077575)
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}]