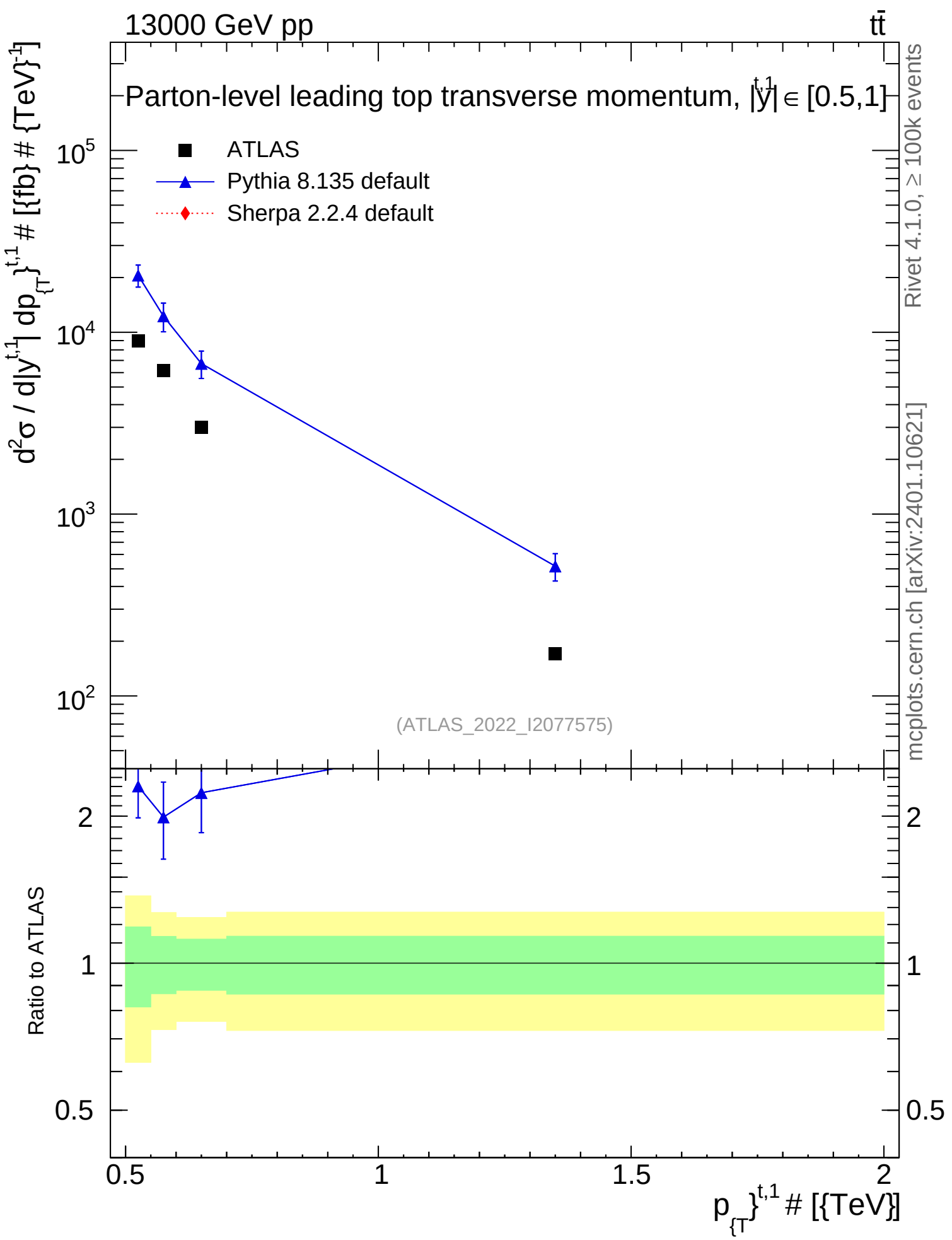
13000 GeV pp
$t\bar{t}$
Parton-level leading top transverse momentum, $|y^{t,1}| \in [0.5,1]$
ATLAS
Pythia 8.135 default
Sherpa 2.2.4 default
$d^2\sigma / d|y^{t,1}| dp_{\{T\}}^{t,1} \# [\{fb\} \# \{TeV\}^{-1}]$
10^5
10^4
10^3
10^2
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
2
1
0.5
0.5
1
1.5
2
$p_{\{T\}}^{t,1} \# [\{TeV\}]$