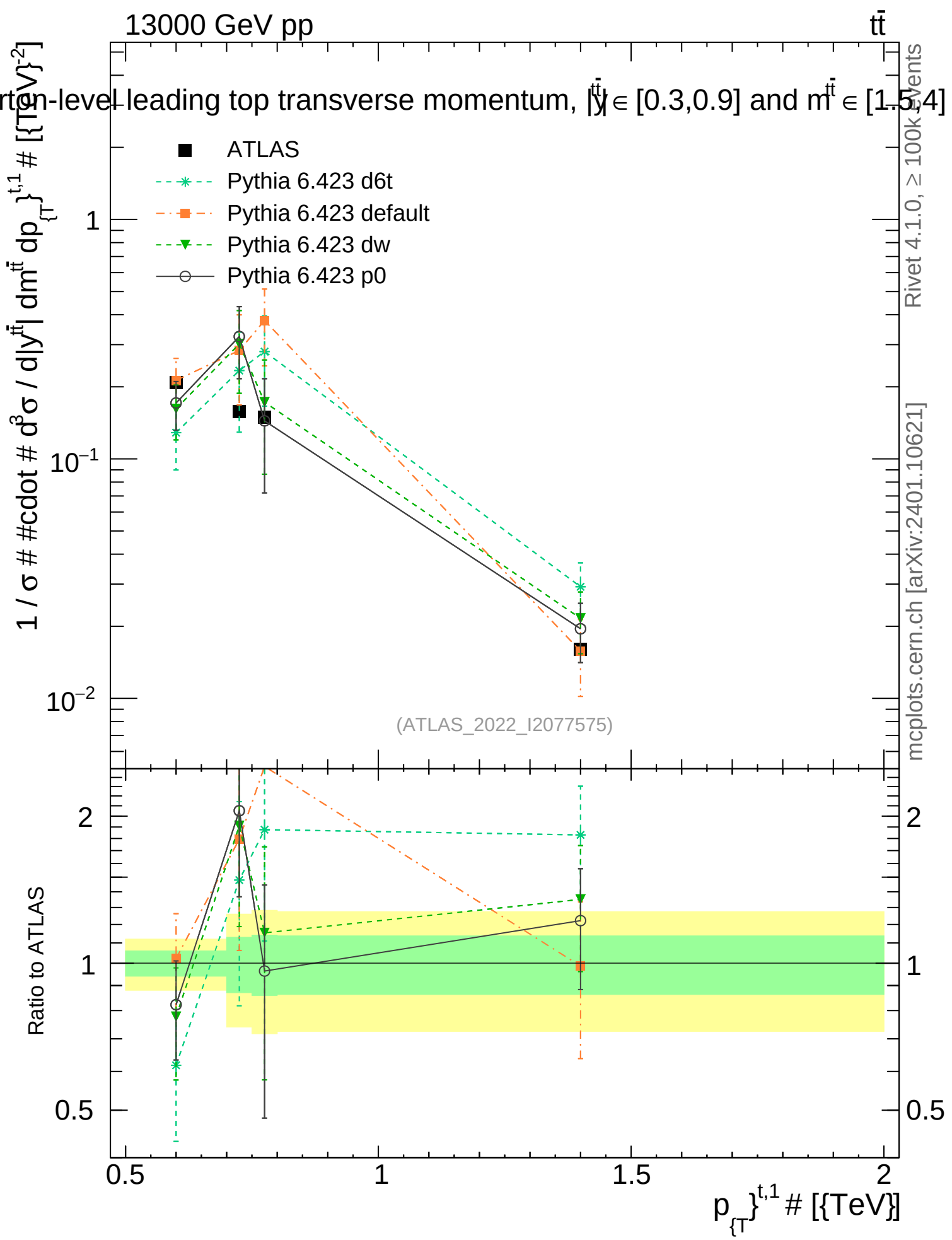
13000 GeV pp
$t\bar{t}$
rton-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0.3,0.9]$ and $m^{t\bar{t}} \in [1.5,4]$
ATLAS
Pythia 6.423 d6t
Pythia 6.423 default
Pythia 6.423 dw
Pythia 6.423 p0
$1 / \sigma \# \#cdot \# d^3\sigma / d|y^{t\bar{t}}| \, dm^{t\bar{t}} \, dp_{\{T\}}\}^{t,1} \# [\{TeV\}^{-2}]$
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
$p_{\{T\}}\}^{t,1} \# [\{TeV\}]$