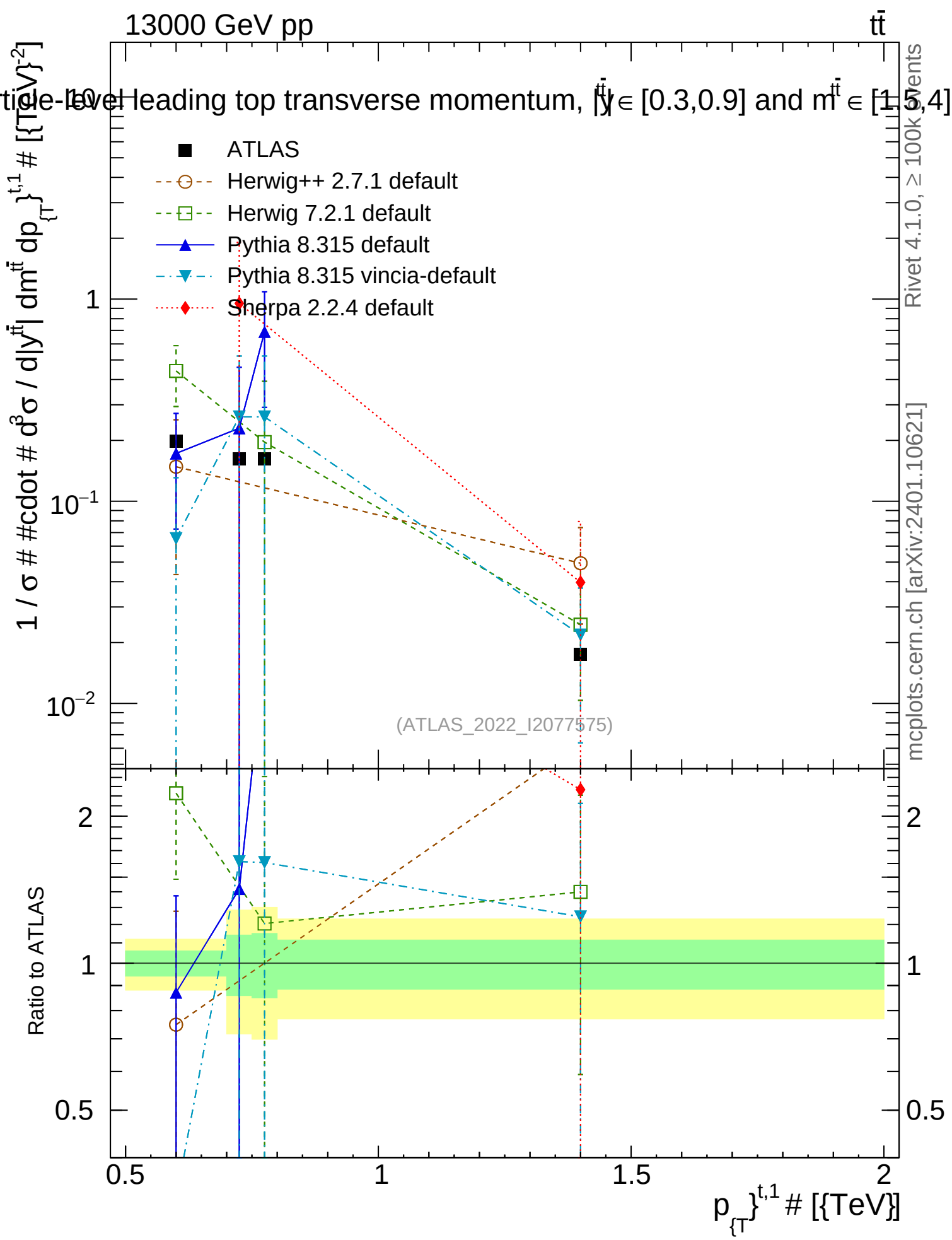
13000 GeV pp
$t\bar{t}$
Particle-level leading top transverse momentum, $|y^{t\bar{t}}| \in [0.3,0.9]$ and $m^{t\bar{t}} \in [1.5,4]$
ATLAS
Herwig++ 2.7.1 default
Herwig 7.2.1 default
Pythia 8.315 default
Pythia 8.315 vincia-default
Sherpa 2.2.4 default
(ATLAS_2022_I2077575)
$1 / \sigma \# \#cdot \# d^3\sigma / d|y^{t\bar{t}}| dm^{t\bar{t}} dp_{\{T\}}^{t,1} \# [\{TeV\}^{-2}]$
Ratio to ATLAS
$p_{\{T\}}^{t,1} \# [\{TeV\}]$
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]