13000 GeV pp

t̄t

Particle-level leading top rapidity, $|y^{t\bar{t}}| \in [0.5,1]$

- ■ ATLAS
- □ Herwig 7.2.1 default
- ▲ Pythia 8.315 default
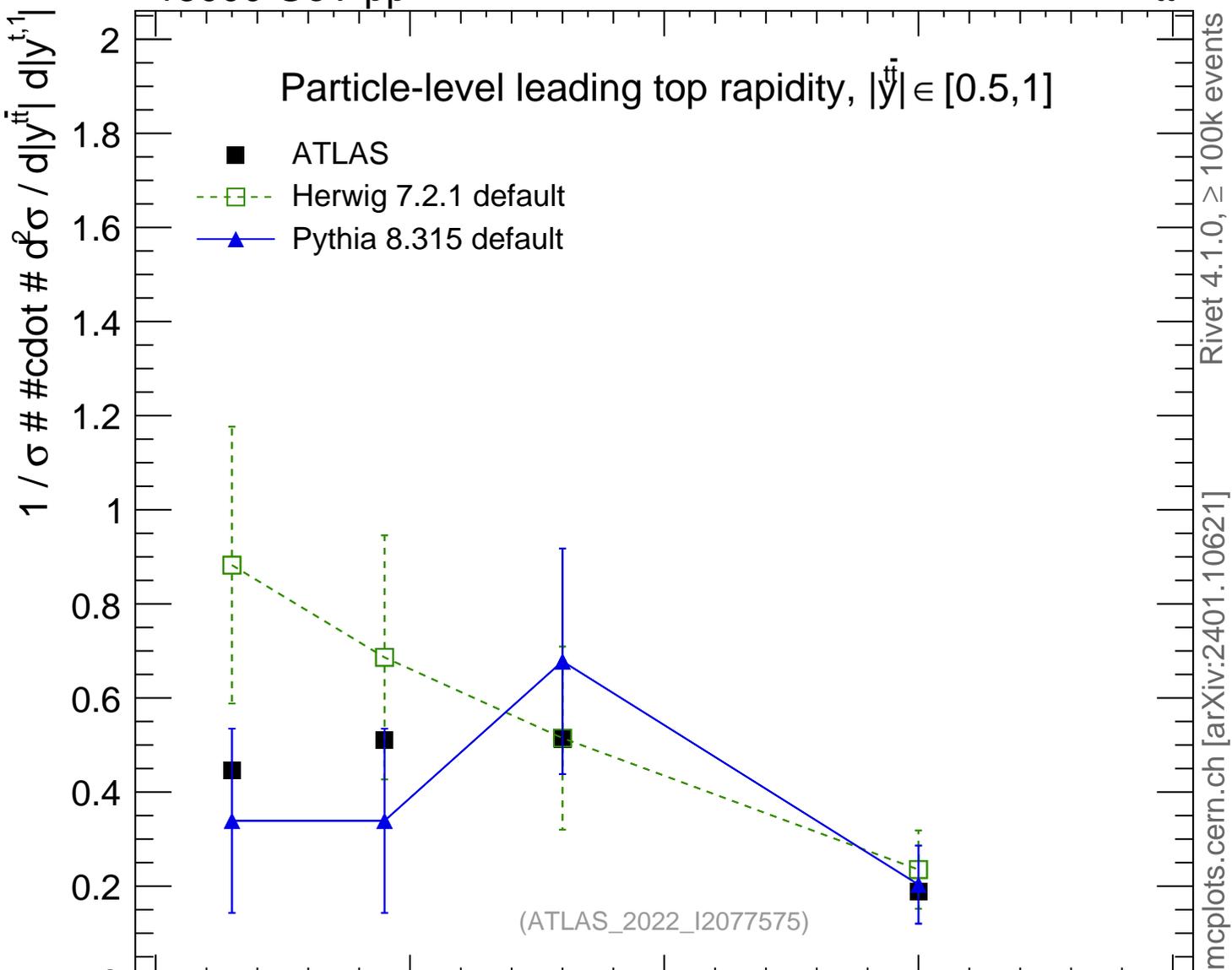
Rivet 4.1.0, ≥ 100k events
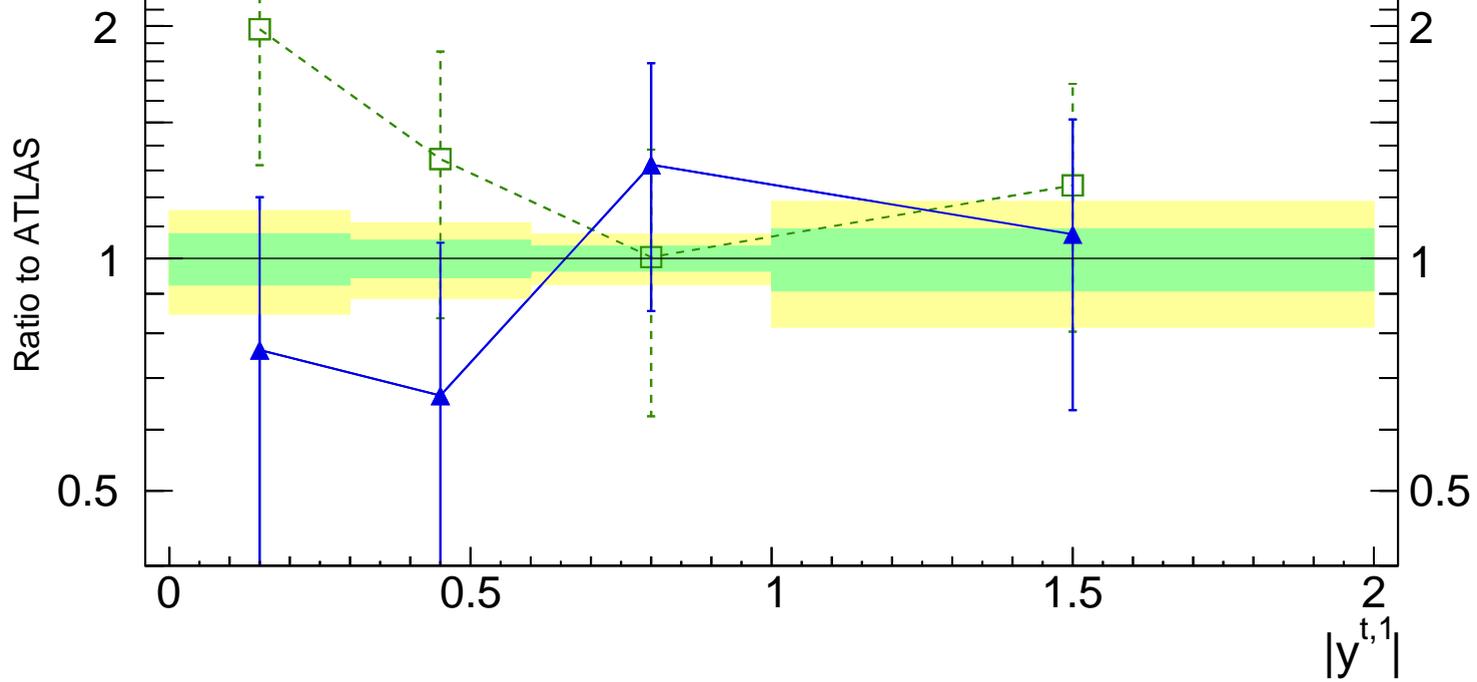
mcplots.cern.ch [arXiv:2401.10621]

$1 / \sigma \cdot d^2\sigma / d|y^{t\bar{t}}| \, d|y^{t,1}|$

(ATLAS_2022_I2077575)

Ratio to ATLAS

$|y^{t,1}|$