13000 GeV pp

$t\bar{t}$

Particle-level subleading top rapidity, $|y^{t,1}| \in [0, 0.2]$

■ 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

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

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

Ratio to ATLAS

$|y^{t,2}|$