13000 GeV pp

$t\bar{t}$

Particle-level leading top rapidity, $|y^{t\bar{t}}| \in [1,2]$

- ■ ATLAS
- △ Pythia 6.428 370
- ○ Pythia 6.428 atlas-csc
- ✳ Pythia 6.428 d6t
- ■ Pythia 6.428 default
- ▼ Pythia 6.428 dw
- ○ Pythia 6.428 p0

(ATLAS_2022_I2077575)

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

Ratio to ATLAS

$|y^{t,1}|$

Rivet 4.1.0, $\geq$ 100k events

mcplots.cern.ch [arXiv:2401.10621]