

13000 GeV pp

 $t\bar{t}$ Parton-level $t\bar{t}$ longitudinal boost

■ ATLAS

—▲ Pythia 8.201 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2022_I2077575)

Ratio to ATLAS

2

1

0.5

 $y_B^{t\bar{t}}$ 