

13000 GeV pp

tt

Parton-level tt transverse momentum,  $|y| \in [0.2, 0.5]$ 

■ ATLAS

○ Pythia 6.423 p0

□ Pythia 6.423 p2010

 $1 / \sigma \cdot \# \cdot d^2 \sigma / d|y| dp_{\text{T}}^{\text{tt}} \# [\text{TeV}^{-1}]$ 

10

1

(ATLAS\_2022\_I2077575)

Rivet 4.1.0,  $\geq 100\text{k}$  events

mcplots.cern.ch [arXiv:2401.10621]

2

2

Ratio to ATLAS

0.5

1

1

0.5

0

0.5

1

 $p_{\text{T}}^{\text{tt}} \# [\text{TeV}]$ 