13000 GeV pp

$t\bar{t}$

Parton-level subleading top transverse momentum, $p_{T}^{t,1} \in [0.75,2]$ # TeV

ATLAS

Pythia 6.427 345

Pythia 6.427 346

Pythia 6.427 370

Pythia 8.315 default

$1 / \sigma \# \#cdot \# d^2\sigma / dp_{T}^{t,1} dp_{T}^{t,2} \# [\{TeV\}^{-2}]$

(ATLAS_2022_I2077570)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$p_{T}^{t,2} \# [\{TeV\}]$