

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (ATLAS semileptonic $t\bar{t}$) 10^{-4}

Pythia 6.428 345

■ ATLAS

Pythia 6.428 370

 10^{-5}

Pythia 6.428 ambt1

 10^{-6}

Pythia 6.428 z2

 10^{-7}

(ATLAS_2019_I1750330)

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

200

400

