

13000 GeV pp

 $t\bar{t}$ $P_{\text{out}}^{\text{top}}$ (ATLAS semileptonic $t\bar{t}$) 10^{-2} 10^{-3} 10^{-4} 10^{-5}

■ ATLAS

-○- Pythia 6.428 390

-□- Pythia 6.428 391

-◇- Pythia 6.428 392

■-★- Pythia 6.428 396

-★- Pythia 6.428 397

-▼- Pythia 6.428 398

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1750330)

2

2

1

1

0.5

0.5

Ratio to ATLAS

0

200

400

