

13000 GeV pp

 $t\bar{t}$ p_T^l (cms2018-ttbardif) 10^{-1} 10^{-2} 10^{-3} 10^{-4}

■ CMS

—△— Pythia 6.428 370

- - ▲ - - Pythia 6.428 371

- - ▼ - - Pythia 6.428 372

- · - · Pythia 6.428 376

(CMS_2018_l1703993)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

100

200

300

400