

13000 GeV pp

 $t\bar{t}$ p_T^l (cms2018-ttbardif) 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5} 

CMS

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, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2018_I1703993)

Ratio to CMS

2

1

0.5

2

1

0.5

0

100

200

300

400