

13000 GeV pp

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

- CMS
- △— Pythia 6.428 370
- △··· Pythia 6.428 373
- -○- - Pythia 6.428 374
- ··○·· Pythia 6.428 375
- -△- - Pythia 6.428 381
- ··▽·· Pythia 6.428 382

(CMS\_2018\_l1703993)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0 100 200 300 400