

13000 GeV pp

 $t\bar{t}$ $p_T^{\parallel}$ (cms2018-ttbardif)

1

 10^{-1} 10^{-2} 10^{-3} 

CMS



Pythia 8.244 default



Pythia 8.244 default-noFsr



Pythia 8.244 default-noRap

(CMS_2018_I1703993)

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