

13000 GeV pp

 $t\bar{t}$ $p_T^{t\bar{t}} \text{ (cms2021-lh)}$ 10^{-1} 10^{-2} 10^{-3} 10^{-4} 10^{-5}

■ CMS

▲ Pythia 8.315 default

— Pythia 8.315 tune-A14-CTEQL1

- - - Pythia 8.315 tune-A14-MSTW2008LO

⋯ Pythia 8.315 tune-A14-NNPDF2.3LO

-△- Pythia 8.315 tune-CUETP8S1

(CMS_2021_I1901295)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

2

1

1

0.5

0.5

0

500

1000

