

13000 GeV pp

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

■ CMS

—▲ Pythia 8.315 default

- - ◆ Sherpa 2.2.4 default

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

200

400

