

13000 GeV pp

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

CMS



Pythia 8.315 default



Pythia 8.315 default-noCR

(CMS\_2018\_I1703993)

Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

100

200

300

400