

13000 GeV pp

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default
- ▼- Pythia 8.315 vincia-default
- ◆- Sherpa 2.2.4 default

(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