

8000 GeV pp

 $t\bar{t}$  $A_C$  vs  $p_{T,t\bar{t}}$  ( $\overline{t\bar{t}}$  events, parton level information)

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 2.2.5 default

Rivet 4.1.0,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

1

$10^{-1}$

$10^{-2}$

$10^{-3}$

2

1

0.5

0

100

200

300

(CMS\_2016\_I1430892)

2

1

0.5