

8000 GeV pp

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

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.180 default
- - ◆ Sherpa 2.2.5 default

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2016\_I1430892

Ratio to CMS

left  $y_{t\bar{t}}$  right