

8000 GeV pp

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

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.170 default

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2016\_I1430892

Ratio to CMS

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