

8000 GeV pp

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

- CMS
- Herwig++ 2.5.2 default
- Herwig 7.2.1 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

Ratio to CMS

2

1

0.5

 $M_{t\bar{t}} \{t\}$ 