

8000 GeV pp

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

- CMS
- Herwig++ 2.5.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.308 default
- ▼- Pythia 8.308 vincia-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

0.5

1

2

0.5

1

2

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

400 600 800 1000 1200