

8000 GeV pp

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

- CMS
- - □ Herwig 7.0.1 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 1.4.0 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2016_I1430892

Ratio to CMS

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 $M_{t\bar{t}}$ [GeV]