

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(t\bar{t}bar)$ (cms2018-ttbardif)

- CMS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default
- ...◆ Sherpa 2.2.4 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2018_I1703993)

Ratio to CMS

Y-axis (top): 10^4 , 10^3 , 10^2 , 10 , 2 , 1 , 0.5

Y-axis (bottom): 2 , 1 , 0.5

