

13000 GeV pp

 $t\bar{t}$ $\Delta\phi(t\bar{t}bar)$ (cms2021-lh)

- CMS
- ▲ Pythia 8.315 default
- -▲ Pythia 8.315 default-CD
- -▲ Pythia 8.315 default-DL
- ...▲ Pythia 8.315 default-MBR

 10^{-1} 10^{-2} 10^{-3} Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2021_I1901295)

Ratio to CMS

2

1

0.5

2

1

0.5

0

50

100

150