

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asym)

 $A_E(th\eta_j)$

- ATLAS
- ▲ Pythia 8.308 default
- - * Pythia 8.308 tune-4c
- ... □ Pythia 8.308 tune-4cx

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2021_I1941095

Ratio to ATLAS

2

2

1

1

0.5

0.5

 $th\eta_j$ [rad]

0

1

2

3