

13000 GeV pp

 $t\bar{t}$ $A_E(th\eta_j)$

Energy asymmetry(atlas2021-asym)

- ATLAS
- ▲ Pythia 8.212 default
- - * Pythia 8.212 tune-4c
- - □ Pythia 8.212 tune-4cx

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2021_I1941095

Ratio to ATLAS

2

1

0.5

 $th\eta_j$ [rad]