

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asym)

- ATLAS
- ▲— Pythia 8.315 default
- - * - - Pythia 8.315 tune-4c
- ... □ ... Pythia 8.315 tune-4cx

2
1.5
1
0.5
0
-0.5Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2021_I1941095)

Ratio to ATLAS

2
1
0.52
1
0.5

0

1

2

3