

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asym)

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

1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8

Rivet 4.1.0, $\geq 100k$ events
mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2021_I1941095)

Ratio to ATLAS

2
1
0.5

2
1
0.5

0

1

2

3