

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asy)

 $A_E(th\eta_j)$

1.5

1

0.5

0

-0.5

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2021_I1941095

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $th\eta_j$ [rad]

0

1

2

3