

13000 GeV pp

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

Energy asymmetry(atlas2021-asym)

1.5
1
0.5
0
-0.5
-1

- ATLAS
- Pythia 6.425 350
- ▲ Pythia 6.425 351
- △ Pythia 6.425 353
- Pythia 6.425 354
- ☆ Pythia 6.425 355
- Pythia 6.425 356
- Pythia 6.425 357
- ▲ Pythia 6.425 358
- Pythia 6.425 359

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2021_I1941095

Ratio to ATLAS

0.5
1
22
1
0.5 $th\eta_j$ [rad]

0

1

2

3

