

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asym)

 $A_E(\text{th}\eta_j)$

1
0.8
0.6
0.4
0.2
0
-0.2
-0.4

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.212 default

ATLAS_2021_I1941095

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.5

2
1
0.5

 $\text{th}\eta_j$ [rad]

0

1

2

3