

13000 GeV pp

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

Energy asymmetry(atlas2021-asym)

- ATLAS
- ▲ Pythia 8.212 default
- -▼ Pythia 8.212 tune-1
- -● Pythia 8.212 tune-2c
- -○ Pythia 8.212 tune-2m

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

Rivet 3.1.10, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2021_I1941095

Ratio to ATLAS

2
1
0.5

2
1
0.5

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

0

1

2

3