

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asym)

 $A_E(th\eta_j)$ 1.5
1
0.5
0
-0.5

- ATLAS
- ▲ Pythia 8.212 default
- Pythia 8.212 tune-A14-CTEQL1
- - - Pythia 8.212 tune-A14-MSTW2008LO
- ⋯ Pythia 8.212 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.212 tune-CUETP8S1

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2021_I1941095

Ratio to ATLAS

2
1
0.52
1
0.50 1 2 3
 $th\eta_j$ [rad]