

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asym)

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

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2021_I1941095)

Ratio to ATLAS

2

1

0.5

 $\#t\bar{t}\eta_j$ [rad]