

13000 GeV pp

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

Energy asymmetry(atlas2021-asym)

- ATLAS
- - - ■ Pythia 6.424 default
- - - ▲ Pythia 8.235 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2021_I1941095)

Ratio to ATLAS

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