

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asm)

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

- ATLAS
- - □ Herwig 7.1.3 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 2.2.4 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2021_I1941095)

Ratio to ATLAS

2

1

0.5

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