

13000 GeV pp

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

Energy asymmetry(atlas2021-asym)

- ATLAS
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 2.2.0 default

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2021\_I1941095

Ratio to ATLAS

2

1

0.5

 $th\eta_j$  [rad]