

13000 GeV pp

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

Energy asymmetry(atlas2021-asym)

1  
0.5  
0  
-0.5  
-1  
-1.5

- ATLAS
- \* Pythia 6.423 d6t
- Pythia 6.423 default
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0

(ATLAS\_2021\_I1941095)

Ratio to ATLAS

0.5

1

2

0

1

2

3

 $\#th\eta_j$  [rad]Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5