

13000 GeV pp

 $t\bar{t}$ 

## Energy asymmetry(atlas2021-asym)

 $A_E(th\eta_j)$ 

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.308 default

1  
0.8  
0.6  
0.4  
0.2  
0  
-0.2  
-0.4

Rivet 3.1.10,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2021\_I1941095

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

 $th\eta_j$  [rad]

0 1 2 3

