

13000 GeV pp

 $t\bar{t}$ 

Energy asymmetry(atlas2021-asym)

 $A_E(th\eta_j)$ 

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ★ Pythia 6.428 397
- ▼ Pythia 6.428 398

1.2  
1  
0.8  
0.6  
0.4  
0.2  
0  
-0.2  
-0.4  
-0.6  
-0.8

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

0 1 2 3  
 $th\eta_j$  [rad]

