

13000 GeV pp

 $t\bar{t}$

Energy asymmetry(atlas2021-asm)

- ATLAS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8

Rivet 4.1.0, $\geq 100k$ 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

