

13000 GeV pp

 $t\bar{t}$ 

Energy asymmetry(atlas2021-asym)

0.2

0

-0.2

-0.4

-0.6

-0.8



ATLAS



Herwig++ 2.7.1 default



Herwig 7.2.1 default

(ATLAS\_2021\_I1941095)

Ratio to ATLAS

2

1

0.5

0

1

2

3

mcplots.cern.ch [arXiv:1306.3436]

Rivet 4.1.0,  $\geq 100k$  events

2

1

0.5