

7000 GeV pp

 $t\bar{t}$ Differential jet shape $\rho(r)$ (b-jets, $p_T > 100$, $|\eta| < 2.5$)

- ATLAS
- Herwig 7.2.1 default
- ▲-- Pythia 8.180 default
- ...◆... Sherpa 2.2.5 default

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS 2013_I1243871

Ratio to ATLAS

$\rho(r)$

25

20

15

10

5

0

2

1

0.5

2

1

0.5

 r

0 0.1 0.2 0.3 0.4