

7000 GeV pp

 $t\bar{t}$ Differential jet shape for light-jets with $40 \text{ GeV} < p_T < 50 \text{ GeV}$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.235 default
- - ◆ Sherpa 1.3.1 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2013_I1243871)

Ratio to ATLAS

Y-axis: $\rho(r)$ (log scale, 10^{-1} to 10^2)

X-axis: r (0 to 0.4)

Legend:

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.235 default
- - ◆ Sherpa 1.3.1 default

Bottom Panel: Ratio to ATLAS (log scale, 0.5 to 2)