

13000 GeV pp

Jets

fraction/bin

Momentum fraction $z(\text{ATLAS jet fragmentation})$

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.170 default
- ...◆ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1740909

Ratio to ATLAS

0.5

2

1

0

1

2

3

4

5

6

7

8

9

 10^{-4} 10^{-3} 10^{-2} 10^{-1}

1

 $z\eta$

2

1

0.5

