

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, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1740909

Ratio to ATLAS

0.5

2

2

0.5

 10^{-3} 10^{-2} 10^{-1} $z\eta$ 