

13000 GeV pp

Jets

Forward jets,  $500 < p_{\text{T}}^{\text{jet}} < 600$  [GeV]

fraction/bin

10

1

 $10^{-1}$  $10^{-2}$ 

- ATLAS
- +— Epos 1.99.crnc.1.6.0 lhc
- ▼— Herwig 7.2.1 softTune
- △— Pythia 6.428 370
- ▲— Pythia 8.315 default

(ATLAS\_2019\_I1740909)

Rivet 4.1.0,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

# $z\eta$ 