

13000 GeV pp

Z+Jet

 $y^j (p_T > 30 \text{ GeV}, |y| < 2.5, m_{||} > 40 \text{ GeV})$

- ATLAS
- △ Pythia 6.428 370
- ▲ Pythia 8.170 default
- ◆ Sherpa 1.4.5 default

Rivet 3.1.10, ≥ 200k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1514251

Ratio to ATLAS

2

1

0.5

 $y^j_{\text{et}} (\text{leading jet})$ 