

13000 GeV pp

Z+Jet

Jet  $p_T$  ( $p_T > 30$  GeV,  $|y| < 2.5$ ,  $m_{ll} > 40$  GeV)Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 default
- ▲ Pythia 8.315 default

(ATLAS\_2017\_I1514251)

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

200

400