

13000 GeV pp

Z+Jet

$$p_{\{T,j1\}} > 500 \text{ GeV} + \Delta R_{Z,j}^{\min} < 1.4$$

Rivet 4.1.0, $\geq 1.8\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2022_I2077570)

■ ATLAS
○ Pythia 6.428 345
△ Pythia 6.428 370
△ Pythia 6.428 ambt1
● Pythia 6.428 z2

Ratio to ATLAS

2

1

0.5

 $r_{Z,j}$ 