

13000 GeV pp

Z+Jet

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

 $d\sigma/dr_{Z,j} [\text{pb}]$ 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}
 10^{-6}

Rivet 4.1.0, 1.2M events

mcplots.cern.ch [arXiv:2401.10621]

ATLAS
Pythia 8.307 pptherm

(ATLAS_2022_I2077570)

Ratio to ATLAS

2
1
0.52
1
0.5 $r_{Z,j}$

0

0.5

1

1.5