

13000 GeV pp

Z+Jet

 $p_T^{\parallel}$  (ATLAS Z+b) $d\sigma/dp_T$  $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ 

- ATLAS
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

ATLAS\_2020\_I1788444

Rivet 3.1.10,  $\geq 2.8$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

 $Z p_T$ 