

13000 GeV pp

Z+Jet

<pT> (ATLAS UE in Z production)

- ATLAS
- - * Pythia 6.426 355
- - □ Pythia 6.426 356
- - △ Pythia 6.426 ambt1
- - ● Pythia 6.426 z2

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 3
2.5
2
1.5
1
0.5
0

Rivet 3.1.10, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_Z+Jet

Ratio to ATLAS

2
1
0.52
1
0.5Mean $p_T/d\eta d\phi$

1

2

3