

13000 GeV pp

Z (Drell-Yan)

Toward region (low thrust)

- ATLAS
- ▲ Pythia 8.186 default
- -▲ Pythia 8.186 default-CD
- -▲ Pythia 8.186 default-DL
- ...▲ Pythia 8.186 default-MBR

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

2

1

0.5

 $\langle \text{mean } p_{T\eta} d\phi \rangle [\text{GeV}]$

Ratio to ATLAS

 $Z p_T [\text{GeV}]$ 