

$\langle p_T \rangle$ vs p_T^Z (ATLAS UE in Z production)

- ATLAS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ⋯▲ Pythia 8.308 default-MBR

Rivet 3.1.10, $\geq 3.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

 $\langle \text{mean } p_{T/d\eta d\phi} \rangle$ [GeV]9
8
7
6
5
4
3
2
1
0

Ratio to ATLAS

2
1
0.52
1
0.5

0

200

400

 $Z p_T$ [GeV]