

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

- ATLAS
- ▲ Pythia 8.308 default
- - * Pythia 8.308 tune-4c
- ⋯ □ Pythia 8.308 tune-4cx

Rivet 3.1.10, ≥ 3.2 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

 $\langle \text{mean } p_T / d\eta d\phi \rangle$ [GeV]

Ratio to ATLAS

12

10

8

6

4

2

0

2

1

0.5

3.2M events

3.436

2

1

0.5

0 200 400

$Z p_T$ [GeV]

