

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.308 default
- ◆ Sherpa 1.3.0 default

 $\langle \text{sum } p_{T\perp} d\eta d\phi \rangle$ [GeV]6
5
4
3
2
1
0Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2019_I1736531

Ratio to ATLAS

2
1
0.52
1
0.5 $Z p_T$ [GeV]

0

200

400

