

13000 GeV pp

Z (Drell-Yan)

 $\langle N_{\text{ch}} \rangle$ vs p_{T}^Z (ATLAS UE in Z production)

- ATLAS
- ▲— Pythia 8.308 default
- -▼- Pythia 8.308 tune-AU2
- · ·◇· Pythia 8.308 tune-AU2lox
- · ·□· Pythia 8.308 tune-AU2loxx
- · ·*· Pythia 8.308 tune-AU2m

Rivet 3.1.10, $\geq 2.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

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