

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
- ▲ Pythia 8.180 default
- -▲ Pythia 8.180 default-CD
- ...▲ Pythia 8.180 default-MBR

