

Average  $N_{\text{ch}} (p_{\text{T}} > 2, \text{forward}, |\eta| < 2.1)$ 

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

Rivet 3.1.10,  $\geq 3.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2016\_I1419070

Ratio to ATLAS

2  
1  
0.5