

Average  $N_{\text{ch}}$  ( $p_{\text{T}} > 5$ , forward,  $|\eta| < 2.1$ )

- ATLAS
- ▲ Pythia 8.301 default
- ▼ Pythia 8.301 tune-AU2
- ◇ Pythia 8.301 tune-AU2lox
- Pythia 8.301 tune-AU2loxx
- ★ Pythia 8.301 tune-AU2m

Rivet 3.1.0,  $\geq 6.8\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2016\_I1419070

Ratio to ATLAS

