

13000 GeV pp

Underlying Event

Mean charged-particle multiplicity density, towards region

- ATLAS
- - ■ Pythia 6.423 default
- - ▲ Pythia 8.244 default

 $\# \langle N_{\text{ch}} / \delta\eta \delta\phi \rangle$ Rivet 4.1.0,  $\geq 300\text{k}$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2017\_I1509919)

Ratio to ATLAS

2

1

0.5

 $p_{\text{T}}^{\text{lead}} \{[\text{GeV}]\}$ 

0 10 20 30