

13000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 1$ GeV)

- ATLAS
- Pythia 6.427 350
- ▲ Pythia 6.427 351
- ▼ Pythia 6.427 352
- △ Pythia 6.427 353
- Pythia 6.427 354
- ☆ Pythia 6.427 355
- Pythia 6.427 356
- Pythia 6.427 357
- Pythia 6.427 358
- Pythia 6.427 359

Rivet 3.1.10, $\geq 300\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2

1

0.5

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