

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 6.428 370
- △ Pythia 6.428 373
- -○ Pythia 6.428 374
- ···○ Pythia 6.428 375
- -△ Pythia 6.428 381
- ···▽ Pythia 6.428 382

Rivet 3.1.10, ≥ 2.7M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2

1

0.5

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

0 10 20 30

