

13000 GeV pp

Underlying Event

 $\langle N_{ch} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 10$ GeV)

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ★ Pythia 6.428 pro-q2o

5

4

3

2

1

0

0

2

1

0

0

2

1

0.5

0

50

100

150

 $|\Delta\phi|$ [degrees]Rivet 3.1.10, ≥ 3.2 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2

1

0.5

0.5