

900 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- - ■ Pythia 6.428 default
- ▲ Pythia 8.212 default

Rivet 3.1.10, ≥ 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $|\phi|$  (w.r.t. leading track) [rad]