

900 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$  vs  $\phi^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_{\text{T}} > 0.5$  GeV,  $p_{\text{T}_1} > 1.5$  GeV)

- ATLAS
- Pythia 6.428 346
- △--- Pythia 6.428 347
- ◇--- Pythia 6.428 348
- +--- Pythia 6.428 349
- △--- Pythia 6.428 370

Rivet 3.1.10,  $\geq 2.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

left $|\phi_{\text{right}}|$  (w.r.t. leading track) [rad]