

900 GeV pp

Underlying Event

Average  $\Sigma(p_T)$  vs  $p_T^{\text{lead}}$  ( $|\eta| < 2.5$ ,  $p_T > 0.1$  GeV)

- ATLAS
- △ Pythia 6.428 370
- - \* Pythia 6.428 378
- - \* Pythia 6.428 379

Rivet 3.1.10,  $\geq 3.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $p_T$  (leading track) [GeV] $\langle d^2 \text{ sum } p_T / d\eta d\phi \rangle$  [GeV]