

7000 GeV pp

Underlying Event

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]Sum( $p_T$ ) Density (AWAY) ( $|\eta| < 2.5$ ,  $p_T > 0.1$  GeV)

- ATLAS
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

Rivet 3.1.0,  $\geq 14$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

5

10

15

20

 $p_T$  (leading track) [GeV]