

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 6.425 350
- ▲ Pythia 6.425 351
- ▼ Pythia 6.425 352
- △ Pythia 6.425 353
- Pythia 6.425 354
- ☆ Pythia 6.425 355
- Pythia 6.425 356
- Pythia 6.425 357
- Pythia 6.425 358
- Pythia 6.425 359

Rivet 3.1.0,  $\geq 7.1$ 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]