

$\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]Sum( $p_T$ ) Density (TWRD) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 3.1.0,  $\geq 14\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

1

2

3

4

5

6

7

8

9

0.5

1

2

3

4

5

6

7

8

9

0

5

10

15

20

 $p_T$  (leading track) [GeV]