

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

Ratio to ATLAS

0.5

6  
5  
4  
3  
2  
1  
0  
2  
1  
0.5

- ATLAS
- \*- Pythia 6.428 355
- \*- Pythia 6.428 356
- \*- Pythia 6.428 370
- \*- Pythia 6.428 379
- \*- Pythia 6.428 ambt1
- \*- Pythia 6.428 z2

ATLAS\_2010\_S8894728

Rivet 3.1.0,  $\geq 14$ M events

mcplots.cern.ch [arXiv:1306.3436]

 $p_T$  (leading track) [GeV]

0

5

10

15

20

2

1

0.5