

900 GeV pp

Underlying Event

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

- ATLAS
- - □ - - Pythia 6.428 391
- - + - - Pythia 6.428 393
- - ● - - Pythia 6.428 394
- - ▼ - - Pythia 6.428 395

Rivet 3.1.10,  $\geq 3.4$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]4  
3.5  
3  
2.5  
2  
1.5  
1  
0.5  
0

Ratio to ATLAS

2  
1  
0.5 $p_T$  (leading track) [GeV]2  
1  
0.5