

900 GeV pp

Underlying Event

Average $\Sigma(p_T)$ vs p_T^{lead} ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- - -■ Pythia 6.428 359
- - -△ Pythia 6.428 370
- - -▲ Pythia 6.428 a
- - -▼ Pythia 6.428 dw
- - -○ Pythia 6.428 p0
- - -☆ Pythia 6.428 pro-q20

Rivet 3.1.10, ≥ 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]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