

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

Ratio to ATLAS

0.5

1

2

4

6

8

0.5

1

2

 p_T (leading track) [GeV] $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

1

0.8

0.6

0.4

0.2

0