

900 GeV pp

Underlying Event

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

- ATLAS
- - - ◆ Sherpa 2.2.9 default

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

1
0.8
0.6
0.4
0.2
0

Rivet 3.1.10, 2.5M events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2
1
0.5

2
1
0.5

 p_T (leading track) [GeV]

2 4 6 8 10