

7000 GeV pp

Underlying Event

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

■ ATLAS
—▲ Pythia 8.170 default

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

2.5
2
1.5
1
0.5

Rivet 3.1.10, 300k events
mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2
1
0.5

2
1
0.5

 $|\eta|$ (leading track)