

7000 GeV pp

Underlying Event

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

- ATLAS
- △— Pythia 6.427 370
- - * - - Pythia 6.427 378
- - * - - Pythia 6.427 379

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

Ratio to ATLAS

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