

13000 GeV pp

Underlying Event

Average $\Sigma(p_T)$ vs p_T^{lead} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 1$ GeV)

- ATLAS
- △ Pythia 6.427 370
- -○ Pythia 6.427 atlas-csc
- - * Pythia 6.427 d6t
- - □ Pythia 6.427 default
- - ▼ Pythia 6.427 dw
- - ○ Pythia 6.427 p0

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

Ratio to ATLAS

2

1

0.5

 p_T^{lead} [GeV]