

7000 GeV pp

Underlying Event

Std. dev. Transverse N_{chg} density vs. p_T^{trk1} , $\sqrt{s} = \{7 \text{ TeV}\}$

- ATLAS
- △ Pythia 6.427 370
- -■ Pythia 6.427 default

Std. dev. $\frac{d^2 N_{\text{chg}}}{d\eta d\phi}$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2

1

0.5

 p_T (leading track) [GeV]