

7000 GeV pp

Underlying Event

Std. dev. $N_{\text{ch}} (|\eta| < 2.5, p_T > 0.5 \text{ GeV})$

- ATLAS
- △— Pythia 6.428 370
- - * - - Pythia 6.428 378
- - * - - Pythia 6.428 379

Std. dev. $\sigma^2 N_{\text{chg}}/d\eta d\phi$ Rivet 3.1.10, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

 p_T (leading track) [GeV]