

7000 GeV pp

Underlying Event

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

- ATLAS
- ⊕ Epos 1.99.crmc.1.5.4 lhc
- ▼ Herwig 7.2.0 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.301 default

Std. dev. $d^2 N_{\text{chg}}/d\eta d\phi$ Rivet 3.1.0, $\geq 100\text{k}$ events

2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

2
1
0.5

0.5

 p_{T} (leading track) [GeV]