

7000 GeV pp

Underlying Event

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

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ Herwig 7.2.0 default
- △ - Pythia 6.428 370
- ▲ - Pythia 8.170 default
- ◆ - Sherpa 1.2.2p default

Rivet 3.1.0, $\geq 100\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

 p_{T} (leading track) [GeV]