

900 GeV pp

Underlying Event

Std. dev.  $N_{\text{ch}}$  (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 8.176 default
- ◆ - Sherpa 2.1.1 default

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

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

