

7000 GeV pp

Underlying Event

Average Charged Particle Density (TRNS) ( $|\eta| < 2.5, p_T > 0.1$  GeV)

- ATLAS
- +— Epos 1.99.crmc.1.2 lhc
- - □ - - Herwig 7.1.3 default
- △ - Pythia 6.428 370
- ▲ - Pythia 8.170 default
- ◆ - Sherpa 2.1.1 default

Rivet 3.1.0,  $\geq 7.2$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

