

7000 GeV pp

Underlying Event

Average  $p_T$  vs  $N_{ch}$  (TRNS) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV)

- ATLAS
- ⋯+ Epos 1.99.crmc.1.5.6 default
- + Epos 1.99.crmc.1.5.6 lhc
- ▲ Pythia 8.240 default

Rivet 3.1.0,  $\geq 7.2M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

