

7000 GeV pp

Underlying Event

Sum( $p_T$ ) Density (TWRD) ( $|\eta| < 2.5$ ,  $p_T > 0.1$  GeV)

- ATLAS
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.201 default

Rivet 3.1.0,  $\geq 7.3$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV] $p_T$  (leading track) [GeV]

Ratio to ATLAS

