

7000 GeV pp

Underlying Event

Sum( $p_T$ ) Density (AWAY) ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV) $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]

Ratio to ATLAS

Rivet 3.1.0,  $\geq 7.1$ M events

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.0.3 default
- ▲- Herwig 7.0.3 UE-MMHT

ATLAS\_2010\_S8894728

