

7000 GeV pp

Underlying Event

Toward $\sum p_T$ density vs. p_T^{trk1} , $\sqrt{s} = \{7 \text{ TeV}\}$, $p_T > \{100 \text{ MeV}\}$

- ATLAS
- Pythia 8.313 CP5

$\langle d^2 \sum p_T / d\ln\phi \rangle$ [GeV]

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I879407)

Ratio to ATLAS

p_T (leading track) [GeV]

