

7000 GeV pp

Underlying Event

Away $\sum p_T$ density vs. p_T^{trk1} , $\sqrt{s} = \{7 \text{ TeV}\}$ $\# \langle d^2 \sum p_T / d\eta d\phi \rangle [\text{GeV}]$

- ATLAS
- ▲ Pythia 8.235 default
- ◆ Sherpa 2.2.9 default

 10
 1
 10^{-1} Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

 2
 1
 0.5 2
 1
 0.5 p_T (leading track) [GeV]

0 5 10 15 20