

7000 GeV pp

Underlying Event

Transverse N_{chg} density vs. $|\eta^{\text{trk1}}|$, $\sqrt{s} = \{7 \text{ TeV}\}$, $p_{\text{T}} > \{100 \text{ MeV}\}$ $\# \langle d^2 N_{\text{chg}} / d\eta d\phi \rangle$

■ ATLAS
- - - ◆ Sherpa 1.3.0 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2010_I879407)

Ratio to ATLAS

2
1
0.52
1
0.5 $|\eta|$ (leading track)

0 1 2