7000 GeV pp — Underlying Event

Transverse N_{chg} density vs. $|\eta^{trk1}|$, $\sqrt{s} = \{7\ TeV\}$, $p_T > \{100\ MeV\}$

$\#\langle d^2 N_{chg}/d\eta d\phi \#\rangle$

- ■ ATLAS
- □ Pythia 6.428 350
- Pythia 6.428 357
- Pythia 6.428 358
- ■ Pythia 6.428 359

(ATLAS_2010_I879407)

Ratio to ATLAS

$|\eta|$ (leading track)

Rivet 4.1.0, $\geq$ 100k events

mcplots.cern.ch [arXiv:2401.10621]