13000 GeV pp — Underlying Event

Mean charged-particle multiplicity density, towards region

- ATLAS
- Pythia 6.428 370
- Pythia 6.428 atlas-csc
- Pythia 6.428 d6t
- Pythia 6.428 default
- Pythia 6.428 dw
- Pythia 6.428 p0

$\#\langle N_{ch} / \delta\eta\,\#\,\delta\phi\,\#\rangle$

Rivet 4.1.0, $\geq$ 3.8M events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2017_I1509919)

Ratio to ATLAS

$p_T^{lead}\{[GeV]\}$