

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

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.243 default

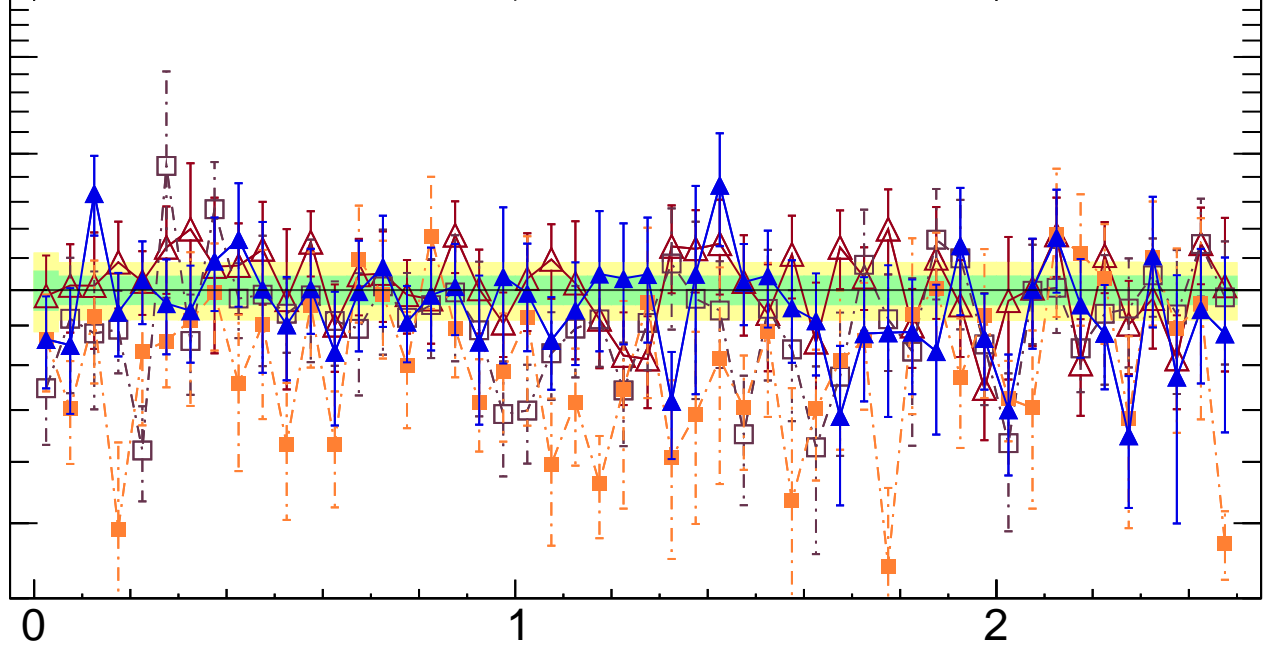
# $\langle d^2 \sum p_T / d\eta d\phi \rangle$  [GeV]

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2010\_I879407)

Ratio to ATLAS



$|\eta|$  (leading track)