

Average  $N_{ch}$  ( $p_T > 5$ , central,  $|\eta| < 2.1$ )

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.165 default

Rivet 3.1.0,  $\geq 7.4M$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2016\_I1419070

Ratio to ATLAS

