

900 GeV pp

Soft QCD

 $\pi^-/\pi^+$  ratio at  $\sqrt{s}=0.9$  TeV ( $p_T > 1.2$  GeV)

- LHCb
- ▲ Pythia 8.315 default
- - \* Pythia 8.315 tune-4c
- ... □ Pythia 8.315 tune-4cx

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2012\_I1119400)

Ratio to LHCb

2

1

0.5

 $\eta$ 

2.5 3 3.5 4 4.5