

7000 GeV pp

Soft QCD

 $\pi^-/\pi^+$  vs  $|y|$  ( $p_T > 1.2$  GeV)

- LHCb
- △ Pythia 6.428 370
- - ■ Pythia 6.428 default
- ▲ Pythia 8.180 default

Rivet 3.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

2

1

0.5

 $\eta$ 