

900 GeV pp

Soft QCD

 $\pi^-/\pi^+$  vs  $|y|$  ( $0.8 < p_T < 1.2$  GeV)

■ LHCB  
—▲ Pythia 8.170 default

Rivet 3.1.10, 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