

900 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2012_I1119400)

Ratio to LHCB

 η

2.5 3 3.5 4 4.5

2

1

0.5