

7000 GeV pp

Soft QCD

 π^-/π^+ vs $|y|$ ($p_T > 1.2$ GeV)

- LHCb
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▼- Herwig 7.2.1 softTune

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCb

2

1

0.5

 η

2.5 3 3.5 4 4.5

2 1 0.5

2 1 0.8 0.6 0.4 0.2 0

2 1.8 1.6 1.4 1.2 1 0.8 0.6 0.4 0.2 0

2 1.8 1.6 1.4 1.2 1 0.8 0.6 0.4 0.2 0