

7000 GeV pp

Soft QCD

 $\bar{p}/p$  $\bar{p}/p$  ratio at  $\sqrt{s}=7$  TeV ( $0.8 < p_T < 1.2$  GeV)

- LHCB
- Herwig 7.2.1 default
- ▲-- Pythia 8.165 default
- ...◆... Sherpa 2.2.9 default

Rivet 4.1.0,  $\geq 100k$  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