

7000 GeV pp

Soft QCD

 $K^-/K^+$ 

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.1

0.5

 $K^-/K^+ \text{ vs } |y| (p_T > 1.2 \text{ GeV})$ 

LHCb

Pythia 8.108.p1 default

Rivet 3.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

2

1

0.5

2.5

3

3.5

4

4.5

 $\eta$