

900 GeV pp

Soft QCD

 $K^-/K^+$  vs  $|y| (p_T > 1.2 \text{ GeV})$  $K^-/K^+$ 2  
1.8  
1.6  
1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0

- LHCb
- Pythia 8.170 default
- Pythia 8.170 default-CD
- Pythia 8.170 default-MBR

LHCb\_2012\_I1119400

Rivet 3.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

2  
1  
0.5 $\eta$ 

2.5 3 3.5 4 4.5

2  
1  
0  
-1  
-2