

7000 GeV pp

Soft QCD

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

- LHCB
- ▲ Pythia 8.212 default
- -▲ Pythia 8.212 default-CD
- -▲ Pythia 8.212 default-DL
- ...▲ Pythia 8.212 default-MBR

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCB

2

1

0.5

 $\eta$ 