

7000 GeV pp

Soft QCD

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

- LHCB
- Pythia 6.428 350
- - -▲- - - Pythia 6.428 351
- - -▼- - - Pythia 6.428 352
- ...△... Pythia 6.428 353
- - -○- - - Pythia 6.428 354
- - -☆- - - Pythia 6.428 355
- ...□... Pythia 6.428 356
- - -●- - - Pythia 6.428 357
- ...●... Pythia 6.428 358
- - -■- - - Pythia 6.428 359

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCB_2012_I1119400

Ratio to LHCB

2
1
0.52
1
0.52.5 3 3.5 4 4.5
 η 