

900 GeV pp

Soft QCD

 $p_T(K^-) (3.0 < y < 3.5)$ $\sigma(pp \rightarrow K^- K^0 X) [\mu b]$ 10^3 10^2

10

2

1

0.5

- LHCB
- ▲ Pythia 8.212 default
- Pythia 8.212 tune-A14-CTEQL1
- - - Pythia 8.212 tune-A14-MSTW2008LO
- ⋯ Pythia 8.212 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.212 tune-CUETP8S1

LHCb_2010_S8758301

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $p_T [\text{GeV}]$

Ratio to LHCb

