

200 GeV pp

Soft QCD

 $p_T(K^-)$  $1/(2\pi) d^2N/(p_T dy dp_T) [GeV^{-2}]$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

STAR



Pythia 6.427 370



Pythia 6.427 default



Pythia 8.308 default

STAR\_2006\_S6860818

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to STAR

2

1

0.5

2

1

0.5

0

0.5

1

1.5

2

 $p_T [GeV]$ 