

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 6.428 370



Pythia 6.428 391



Pythia 6.428 default



Pythia 8.308 default

STAR_2006_S6860818

Ratio to STAR

2

1

0.5

0

0.5

1

1.5

2

 $p_T [GeV]$ Rivet 3.1.10, $\geq 2.8M$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5