

7000 GeV pp

Soft QCD

Fiducial $\sigma(\phi \rightarrow K^+K^-)$ differential in $|y|$ $d\sigma/dy_\phi$ [μb]

10

1

 10^{-1} Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- Pythia 8.240 default
- Sherpa 2.2.9 default

(ATLAS_2014_I1282441)

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $|y|_\phi$ 