

7000 GeV pp

Soft QCD

Fiducial  $\sigma(\phi \rightarrow K^+K^-)$  differential in  $|y|$  $d\sigma/dy_\phi$  [ $\mu\text{b}$ ]

- ATLAS
- Pythia 6.427 345
- △- Pythia 6.427 370
- △- Pythia 6.427 ambt1
- Pythia 6.427 z2

Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2014\_I1282441)

Ratio to ATLAS

2

1

0.5

 $|y|_\phi$ 