

7000 GeV pp

Soft QCD

 $y(\phi)$ (atlas2014- ϕ KK) $d\sigma/dy_\phi$ [μb]

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.170 default

Rivet 3.1.10, $\geq 300\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2014_I1282441

Ratio to ATLAS

2

1

0.5

 $|y_\phi|$ 