

7000 GeV pp

Soft QCD

Rapidity gap size in  $\eta$  starting from  $\eta = \pm 4.9$ ,  $p_T > 600$  MeV

■ ATLAS  
—▲ Pythia 8.315 default

 $d\sigma / d\Delta\eta^F$  [mb] $10^2$ 

10

1

(ATLAS\_2012\_I1084540)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\Delta\eta^F$ 