

7000 GeV pp

Soft QCD

Rapidity gap size ($p_T > 0.6$, $|\eta| < 4.9$)

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

■ ATLAS
—▲ Pythia 8.308 default
—▲ Pythia 8.308 default-noCR

 10^2

10

1

ATLAS_2012_I1084540

2

Ratio to ATLAS

1

0.5

0

2

4

6

8

 $\Delta\eta^F$ Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5