

7000 GeV pp

Soft QCD

Rapidity gap size ($p_T > 0.6$, $|\eta| < 4.9$) $d\sigma / d\Delta\eta^F$ [mb] 10^2

10

1

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

ATLAS_2012_I1084540

Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

8

 $\Delta\eta^F$ 