

7000 GeV pp

Soft QCD

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

- ATLAS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

 $10^2$ 

10

1

(ATLAS\_2012\_I1084540)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

8