

7000 GeV pp

Soft QCD

Rapidity gap size ($p_T > 0.4$, $|\eta| < 4.9$)

- ATLAS
- - ■ Pythia 6.428 359
- - △ Pythia 6.428 370
- - ▲ Pythia 6.428 a
- - ▼ Pythia 6.428 dw
- - ○ Pythia 6.428 p0
- - ☆ Pythia 6.428 pro-q20

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2012_I1084540)

Ratio to ATLAS

2

1

0.5

 10^3 10^2

10

1

2

1

0.5

0

2

4

6

8