

7000 GeV pp

Jets

$$\frac{d\sigma^{\text{MN}}}{dy} / \frac{d\sigma^{\text{exc}}}{dy}$$
Gap fraction vs Δy ($p_T > 35$ GeV, $|y| < 4.7$)

- CMS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.308 default

6
5
4
3
2
1

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2012_I1102908

Ratio to CMS

2
1
0.52
1
0.50 2 4 6 8 Δy 