

7000 GeV pp

Jets

 $\frac{d\sigma^{\text{N}}/d\sigma^{\text{exc}}}{dy}$ Gap fraction vs  $\Delta y$  ( $p_{\text{T}} > 35$  GeV,  $|y| < 4.7$ )

- CMS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

Rivet 3.1.10,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2012\_11102908

Ratio to CMS

2

1

0.5

 $\Delta y$ 