

7000 GeV pp

Underlying Event

Transverse  $\{\Lambda+\bar{\Lambda}\}$  particle density at  $\sqrt{s}=7$  TeV,  $p_T > 1.5$  GeV

- CMS
- △ Pythia 6.428 370
- - \* Pythia 6.428 378
- - \* Pythia 6.428 379

 $10^{-2}$  $10^{-3}$ 

(CMS\_2012\_PAS\_QCD\_11\_010)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

2

1

1

0.5

0.5

0

20

40

leading jet  $p_T$  [GeV] $\# \langle N_{\Lambda+\bar{\Lambda}} \rangle / d\eta d\phi$