

7000 GeV pp

Underlying Event

 $N_{ch}(p_T > 3)$  $1/\sigma \, d\sigma/dN_{ch}$ 

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

CMS



Herwig++ 2.6.1a default



Herwig 7.2.1 default

CMS\_2011\_S9120041

Ratio to CMS

2

1

0.5

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $N_{ch}$ 

0

10

20

30