

7000 GeV pp

Underlying Event

Sum(p_T) Density (TRNS) (NSD)

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

Rivet 3.1.0, ≥ 14 M events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S9120041

 $\langle d^2 \text{sum}(p_T) / d\eta d\phi \rangle$ [GeV]10
8
6
4
2
0

Ratio to CMS

2
1
0.5

0

50

100

 p_T (leading track-jet) [GeV]