

7000 GeV pp

Underlying Event

Average $\Sigma(p_T)$ vs p_T^{lead} (NSD)

■ CMS
—▲ Pythia 8.170 default

 $\langle d^2 \text{sum}(p_T)/d\eta d\phi \rangle$ [GeV]5
4
3
2
1
0Rivet 3.1.10, 300k events
mcplots.cern.ch [arXiv:1306.3436]

CMS_2011_S9120641

Ratio to CMS

2
1
0.52
1
0.5 p_T (leading track-jet) [GeV]