

7000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs p_T^{lead} ($p_T(K_S^0) > 0.6$ GeV)

- CMS
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ◆ Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 2.9 M events

mcplots.cern.ch [arXiv:1306.3436]

(CMS_2012_PAS_QCD_11_010)

Ratio to CMS

2

1

0.5

leading jet p_T [GeV]