

7000 GeV pp

Underlying Event

 $\Sigma(p_T)$ vs $p_T^{\text{lead}} (p_T(K_S^0) > 0.6 \text{ GeV})$

- CMS
- Pythia 6.428 346
- △ Pythia 6.428 347
- ◇ Pythia 6.428 348
- + Pythia 6.428 349
- △ Pythia 6.428 370

Rivet 3.1.10, $\geq 2.6\text{M}$ 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]