

7000 GeV pp

 $t\bar{t}$ Gap fraction vs scalar veto scale ($p_T^{\text{jets}} > 25$ GeV)

- ATLAS
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

Rivet 3.1.10, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2012_I1094568

Ratio to ATLAS

2

1

0.5

 Q_{sum} [GeV]