

7000 GeV pp

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

- ATLAS
- △— Pythia 6.428 370
- ⋯△⋯ Pythia 6.428 373
- -○- - Pythia 6.428 374
- ⋯○⋯ Pythia 6.428 375
- -△- - Pythia 6.428 381
- -▽- - Pythia 6.428 382

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]