

13000 GeV pp

Z+Jet

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

- 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

1

10^{-1}

10^{-2}

(ATLAS_2019_I1736531)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0, $\geq 2M$ events
mcplots.cern.ch [arXiv:1306.3436]2
1
0.5

0

2

4