

13000 GeV pp

Z+Jet

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

0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

Ratio to ATLAS

2
1
0.5

- ATLAS
- △— Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default
- -★- - Pythia 6.428 pro-q2o

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 1.9M events

mcplots.cern.ch [arXiv:1306.3436]

2
1
0.5

0

2

4