

13000 GeV pp

Z+Jet

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

0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
2
1
0.5

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS_2019_I1736531)

Rivet 4.1.0, ≥ 1.8M events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.5

0

2

4