

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

Rivet 4.1.0, ≥ 31k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2019_I1736531)

Ratio to ATLAS

2
1
0.52
1
0.5