

13000 GeV pp

Z (Drell-Yan)

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

- ATLAS
—▲ Pythia 8.308 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$

Rivet 3.1.10, 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

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Ratio to ATLAS

Mean $p_T/d\eta d\phi$ 