

13000 GeV pp

Z (Drell-Yan)

 ϕ_{η}^*
 ϕ_{η}^* (II) (ATLAS Z production) $1/\sigma \, d\sigma/d\phi^a \, st_{\eta}$

Rivet 3.1.10, 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

■ ATLAS
—▲ Pythia 8.308 default

ATLAS_2019_I1768911

Ratio to ATLAS

2

1

0.5

 $\phi^a \, st_{\eta}$ 