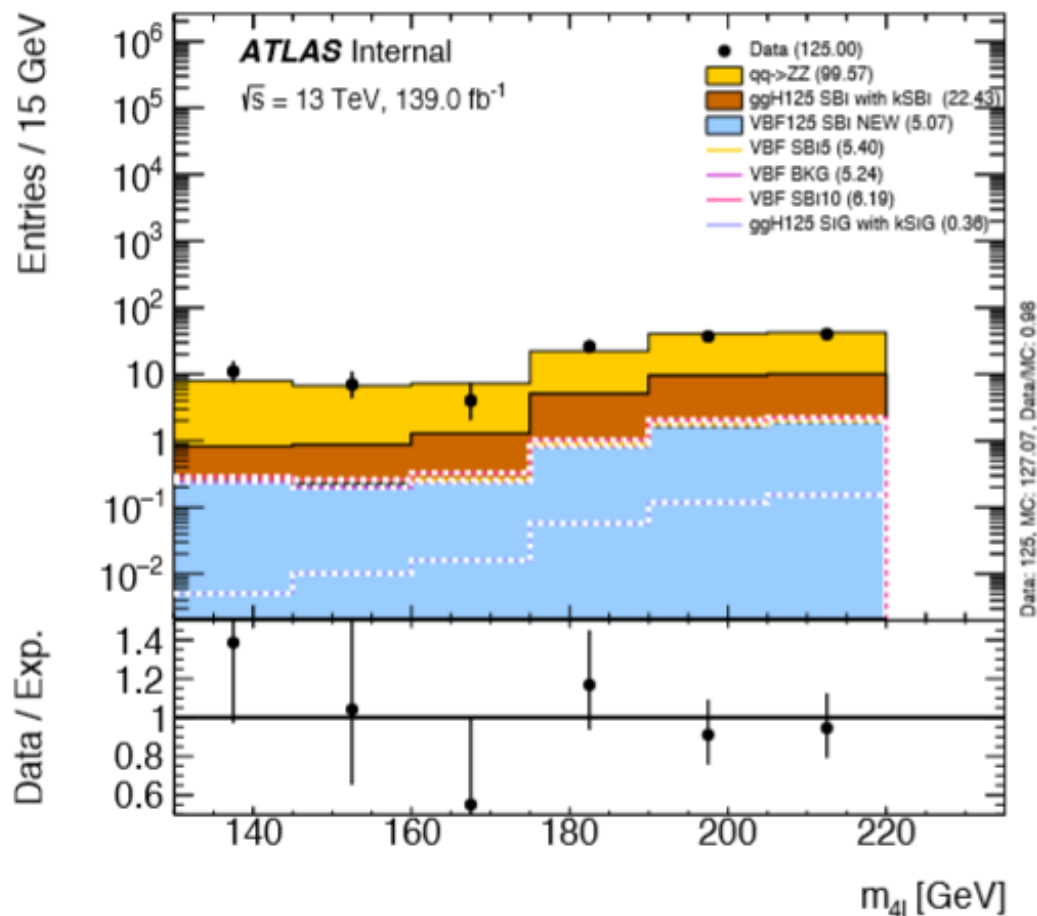


Weekly Report

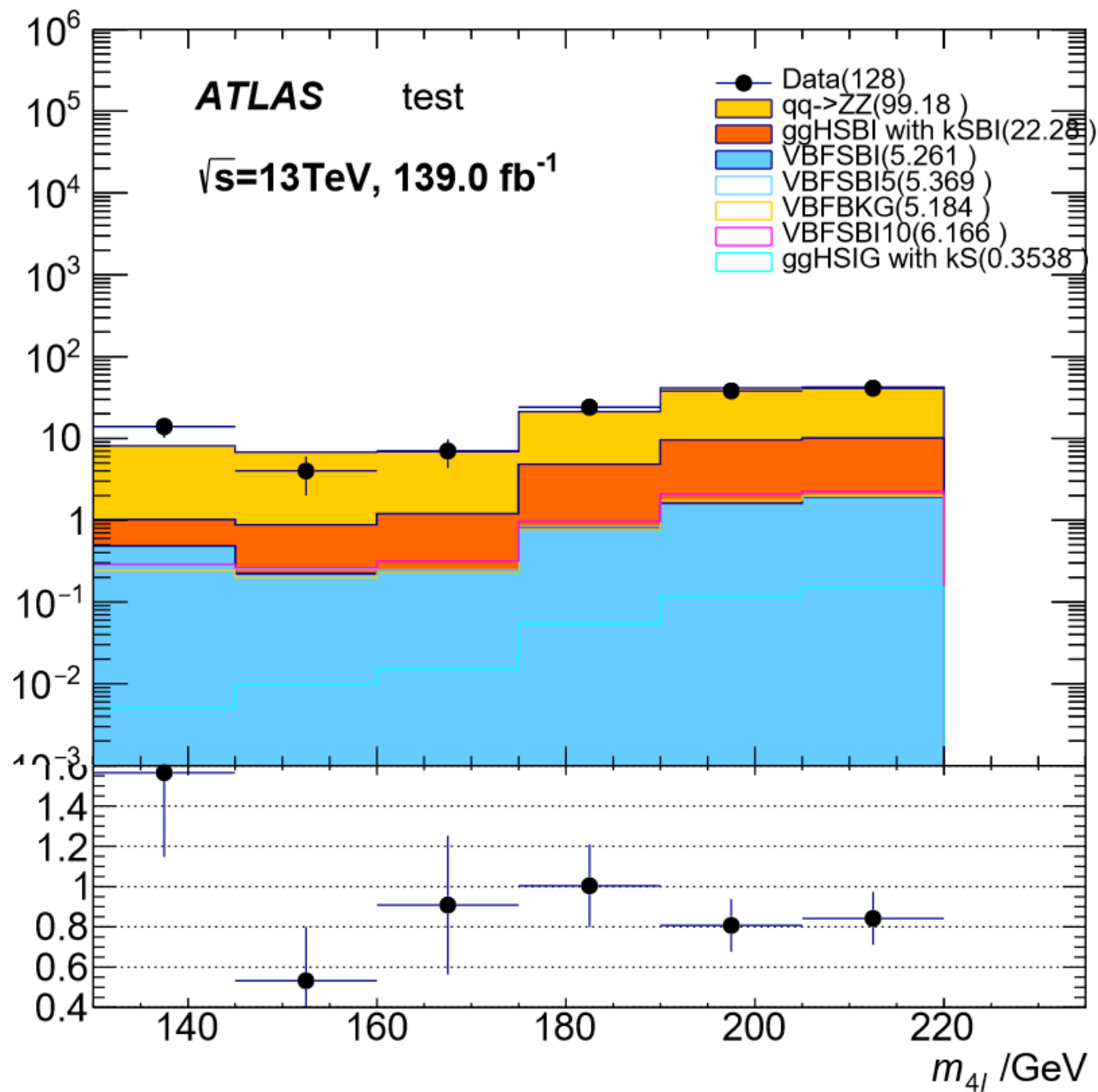
Zhan Li

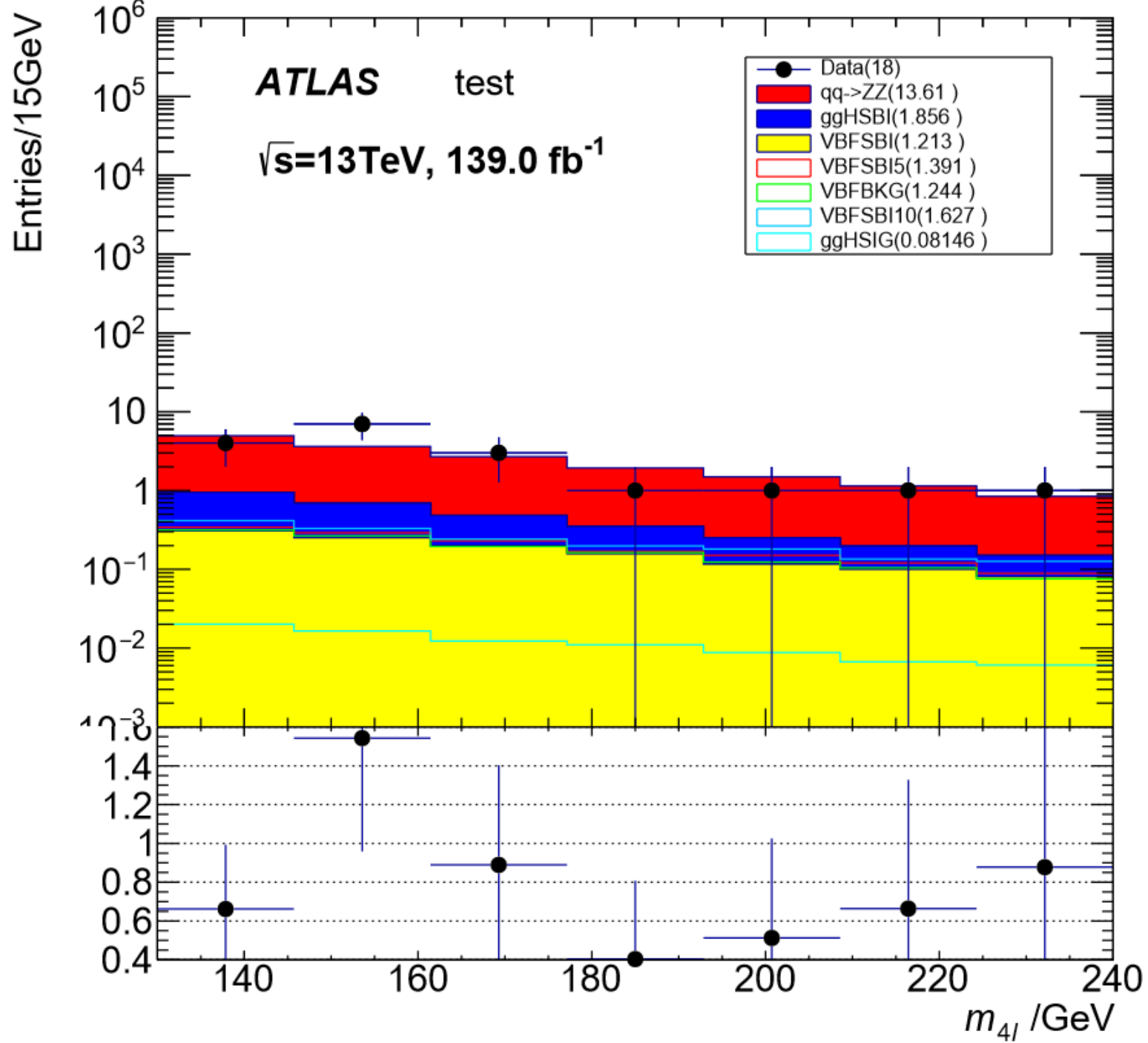
Data/MC validation in loose VBF region

- $m_{4\ell} \in [130, 220]$ GeV, $m_{jj} > 120$ GeV and $n_{\text{jets}} \geq 2$



Entries/15GeV



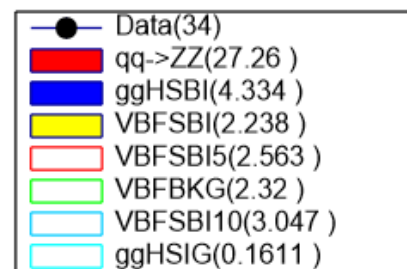


pt4l

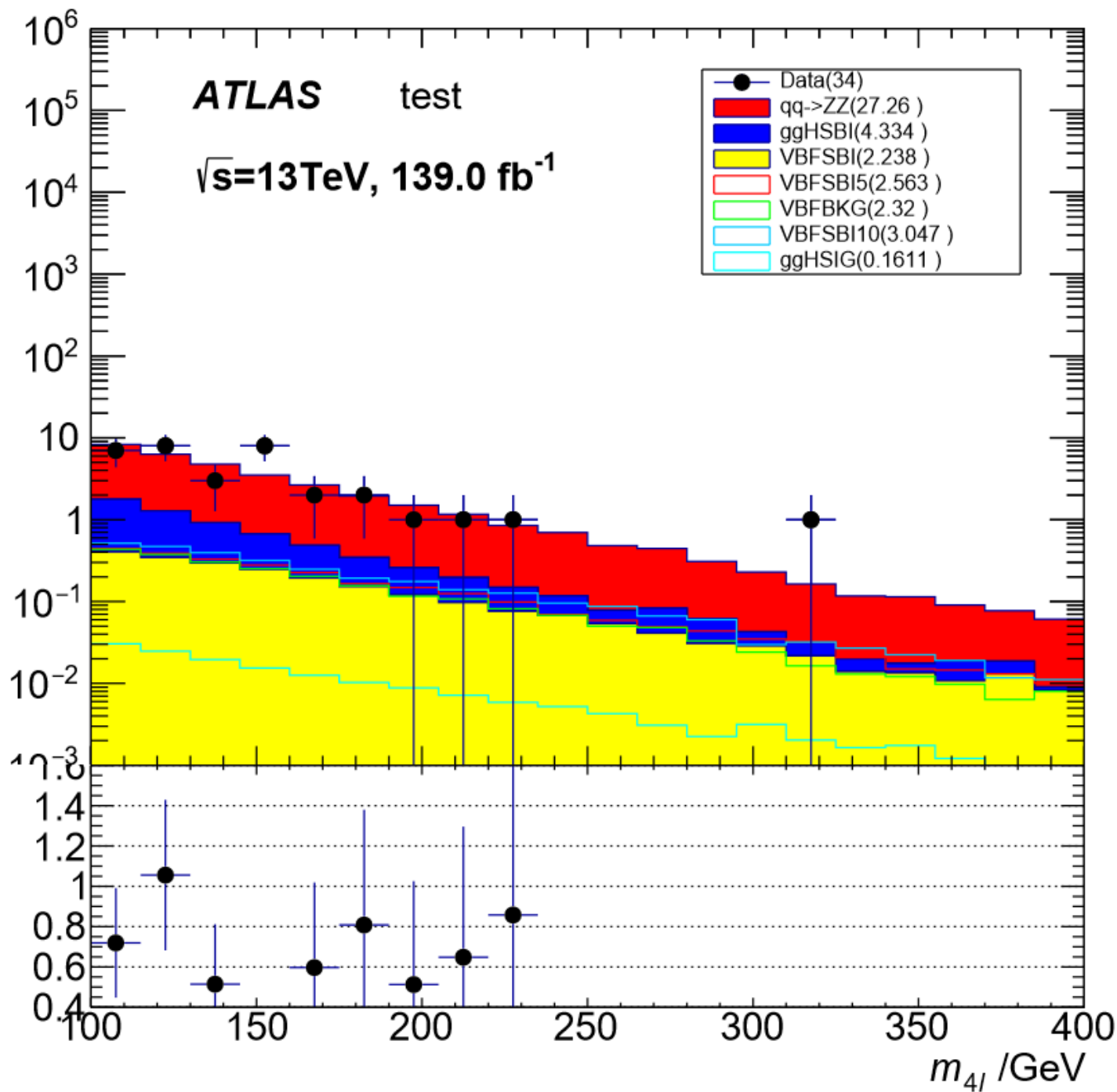
Entries/15GeV

ATLAS test

$\sqrt{s}=13\text{TeV}, 139.0\text{ fb}^{-1}$



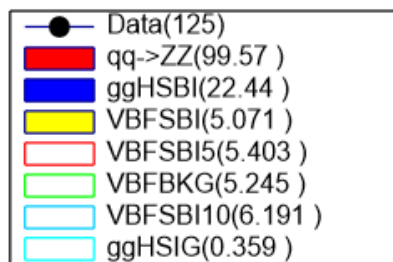
pt4l



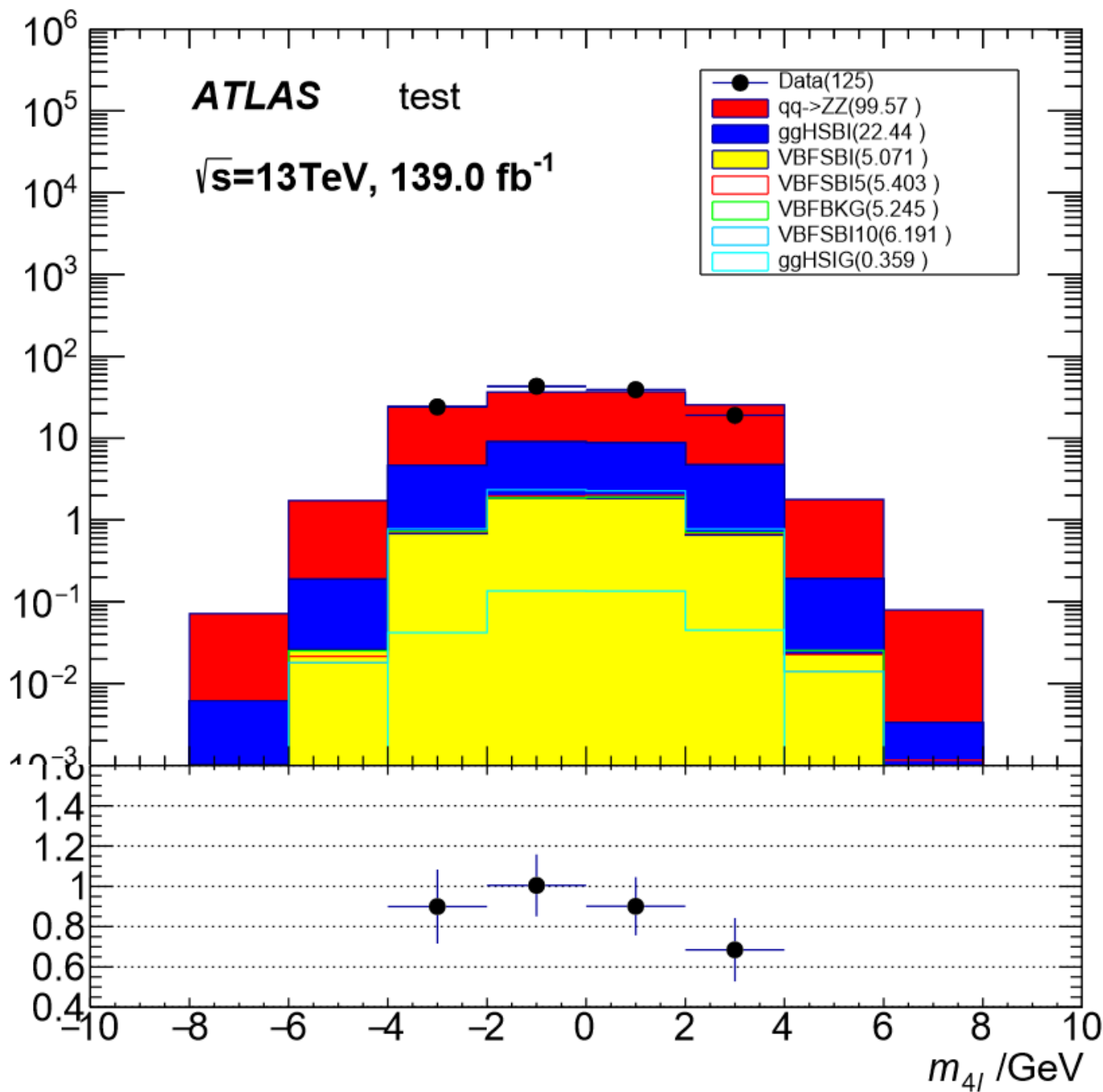
Entries/15GeV

ATLAS test

$\sqrt{s}=13\text{TeV}, 139.0\text{ fb}^{-1}$



eta4l

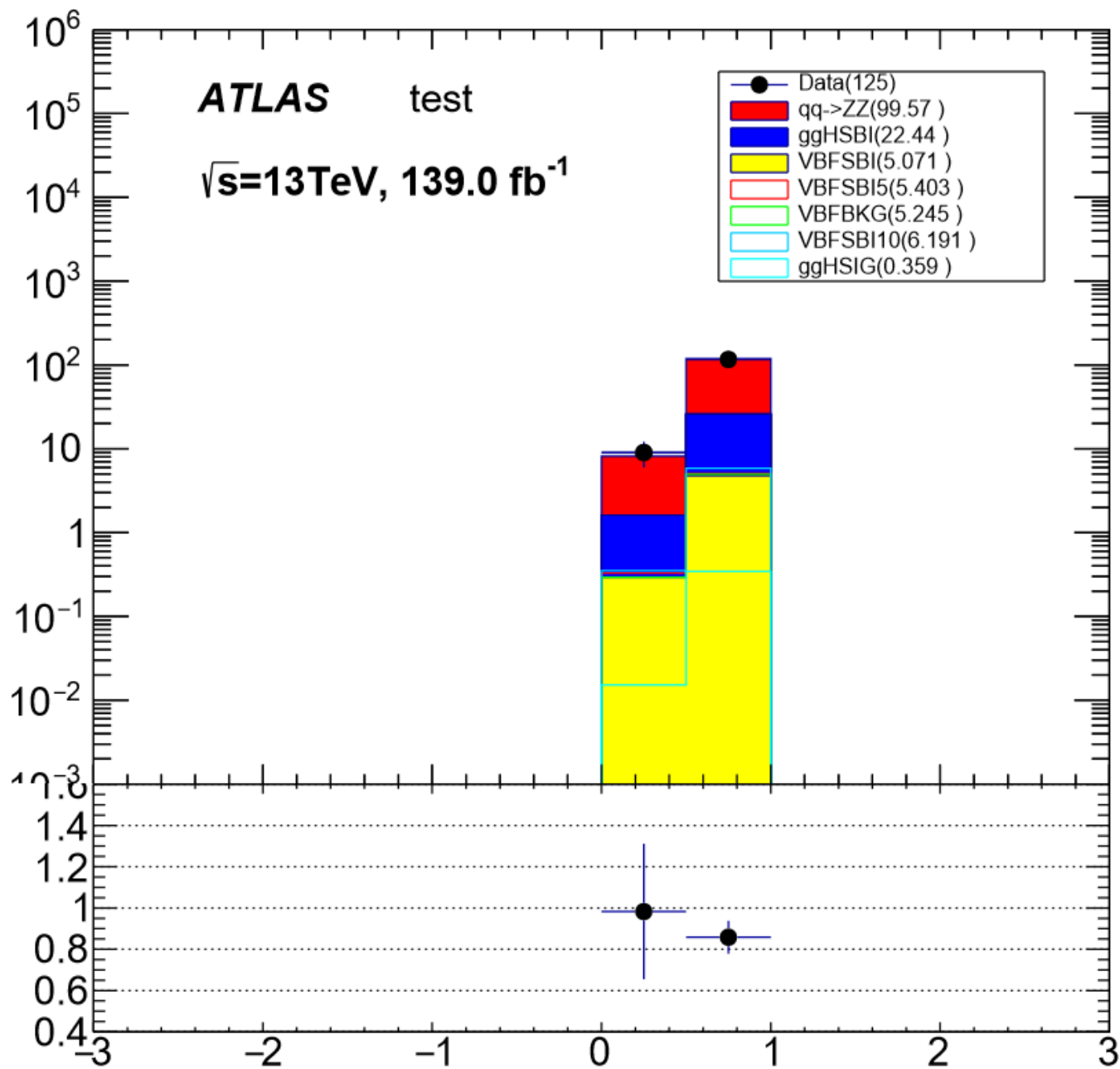
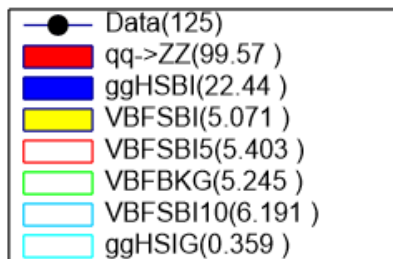


Entries/15GeV

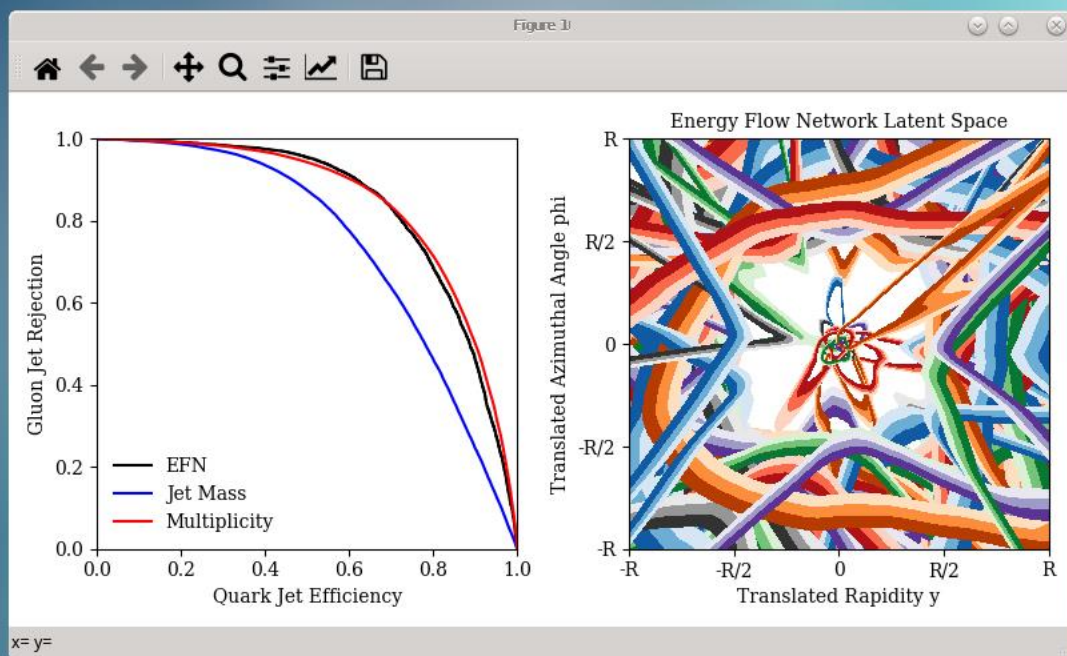
ATLAS

test

$\sqrt{s}=13\text{TeV}, 139.0\text{ fb}^{-1}$



MELA



```
examples: python3 -Konsole
文件 编辑 查看 书签 设置 帮助
118/150 [=====>.....] - ETA: 6s - lo
119/150 [=====>.....] - ETA: 6s - lo
120/150 [=====>.....] - ETA: 6s - lo
121/150 [=====>.....] - ETA: 6s - lo
122/150 [=====>.....] - ETA: 5s - lo
123/150 [=====>.....] - ETA: 5s - lo
124/150 [=====>.....] - ETA: 5s - lo
125/150 [=====>.....] - ETA: 5s - lo
126/150 [=====>.....] - ETA: 5s - lo
127/150 [=====>.....] - ETA: 4s - lo
128/150 [=====>.....] - ETA: 4s - lo
129/150 [=====>.....] - ETA: 4s - lo
130/150 [=====>.....] - ETA: 4s - lo
131/150 [=====>.....] - ETA: 3s - lo
132/150 [=====>.....] - ETA: 3s - lo
133/150 [=====>.....] - ETA: 3s - lo
134/150 [=====>.....] - ETA: 3s - lo
135/150 [=====>.....] - ETA: 3s - lo
136/150 [=====>.....] - ETA: 2s - lo
137/150 [=====>.....] - ETA: 2s - lo
138/150 [=====>.....] - ETA: 2s - lo
139/150 [=====>.....] - ETA: 2s - lo
140/150 [=====>.....] - ETA: 2s - lo
141/150 [=====>.....] - ETA: 1s - lo
142/150 [=====>.....] - ETA: 1s - lo
143/150 [=====>.....] - ETA: 1s - lo
144/150 [=====>.....] - ETA: 1s - lo
145/150 [=====>.....] - ETA: 1s - lo
146/150 [=====>.....] - ETA: 0s - lo
147/150 [=====>.....] - ETA: 0s - lo
148/150 [=====>.....] - ETA: 0s - lo
149/150 [=====>.....] - ETA: 0s - lo
150/150 [=====>.....] - ETA: 0s - lo
150/150 [=====>.....] - 33s 223ms/st
08 - acc: 0.7594 - val_loss: 0.5075 - val_acc: 0.7529

EFN AUC: 0.8354485014021994

examples: python3
```