

Events

3000

2500

2000

1500

1000

500

0

0

1

2

3

4


5

6

7

8

9

ATLAS Private $\sqrt{s} = 13 \text{ TeV}, \int \text{Ldt} = 139 \text{ fb}^{-1}$ $H \rightarrow WW^* \rightarrow e\mu + \mu e$ (NF applied for $t\bar{t}, Z/\gamma^*$) Plot: "CutVBFDYjjMin/DYjj" SM (stat) H_{VH}  WW  $t\bar{t}$  Z/γ^*  H_{VBF}  H_{ggF}  $H \rightarrow \tau\tau$  Other VV Single Top Mis-Id Δy_{jj}