

Events / 0.31 rad

5000

4000

3000

2000

1000

0

0

0.5

1

1.5

2

2.5

3

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: "CutVBFOLV1/DPhill"

SM (stat)

H_{VH}

WW

$t\bar{t}$

Z/γ^*

H_{VBF}

H_{ggF}

$H \rightarrow \tau\tau$

Other VV

Single Top

Mis-Id

$\Delta\phi_{||} [\text{rad}]$

