

Events / bin

ATLAS $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$ $H \rightarrow WW^* \rightarrow e\nu\mu\nu$ VBF-enriched $N_{\text{jet}} \geq 2$ SR $m_{\text{jj}} \geq 1500 \text{ GeV}$ $p_{\text{T}}^H < 200 \text{ GeV}$

● Data

▨ Uncertainty

■ $H_{\text{EW } qqH}^{\text{target}} (\sigma/\sigma_{\text{SM}} = 1.14)$ ■ $H_{\text{EW } qqH}$ ■ H_{ggH} ■ Other H ■ $t\bar{t}/Wt$

■ WW (EW)

■ WW (Strong)

■ Z/γ^*

■ Mis-Id

■ Other VV(V)

400

300

200

100

0

[0, 0.50]

30

20

10

0

[0.50, 0.70]

[0.70, 0.84]

[0.84, 1]

DNN output