

Events / 5.5 GeV

ATLAS Private $\sqrt{s} = 13 \text{ TeV}, \int \text{Ldt} = 139 \text{ fb}^{-1}$ $H \rightarrow WW^* \rightarrow e\mu + \mu e$

SM (stat)

 H_{VH} WW $t\bar{t}$ Z/γ^* H_{VBF} H_{ggF} $H \rightarrow \tau\tau$

Other VV

Single Top

Mis-Id

6000

4000

2000

0

0

20

40

60

80

100

 $p_t^{j2} [\text{GeV}]$ 