












Events / 5 GeV

**ATLAS Internal**

$\sqrt{s} = 8 \text{ TeV}, \int \mathcal{L} dt = 20.3 \text{ fb}^{-1}$

$H \rightarrow WW^* \rightarrow e\nu\mu\nu/\mu\nu e\nu$

- |   |  |
|---|--|
|  SM (sys $\oplus$ stat) |  WW                  |
|  Other VV              |  $t\bar{t}$         |
|  Single Top            |  $Z/\gamma^*$       |
|  W+jet                 |  Excl. $t\bar{t}^*$ |
|  Excl. $W^+W^-$        |  ggF                |
|  Excl. H               |  |

