

Events

**ATLAS Internal**

$\sqrt{s} = 13 \text{ TeV}, 37.5 \text{ fb}^{-1}$

$H \rightarrow c\bar{c}$

Run-2 SR4

Post-fit

• data

VBF  $H \rightarrow c\bar{c}$

ggF  $H \rightarrow c\bar{c}$

VBF  $H \rightarrow b\bar{b}$

ggF  $H \rightarrow b\bar{b}$

$t\bar{t} + V + \text{jets}$

Non-res. Bkgd

Uncertainty

$\chi^2/\text{ndf} = 40.8 / 30$

Data / Pred.

$m_{cc} [\text{GeV}]$

