



CMS Projection

95% CL expected exclusion:

 **HIG-17-020**

 $\pm 1\sigma$

 $\pm 2\sigma$

 300 fb^{-1}

 3000 fb^{-1}

$\tan\beta$

60

50


40

30

20

10

$m_h^{\text{mod+}}$, with YR18 syst. uncert.

 $m_h^{\text{MSSM}} \neq 125 \pm 3 \text{ GeV}$

500

1000

1500

2000

$m_A \text{ (GeV)}$

