

2.3 fb<sup>-1</sup> ( 13 TeV )

CMS  
Z' → DM + H(bb) (2HDM)

● observed

-- expected

● m<sub>A0</sub>=300 GeV

● m<sub>A0</sub>=400 GeV

● m<sub>A0</sub>=500 GeV

● m<sub>A0</sub>=600 GeV

● m<sub>A0</sub>=700 GeV

● m<sub>A0</sub>=800 GeV

$\sigma_{95\% \text{ CL}} / \sigma_{\text{th}}$

100

80

60

40

20

0

500 1000 1500 2000 2500  
m<sub>Z'</sub>[GeV]

