

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

**CMS**  
**Z' → DM+H(bb̄) (2HDM)**

● observed

-- expected

● m<sub>A0</sub>=300GeV

● m<sub>A0</sub>=400GeV

● m<sub>A0</sub>=500GeV

● m<sub>A0</sub>=600GeV

● m<sub>A0</sub>=700GeV

● m<sub>A0</sub>=800GeV

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

10<sup>2</sup>

10

1

10<sup>-1</sup>

500

1000

1500

2000

2500

m<sub>Z</sub>[GeV]

