

$\tan\beta$ 

6

**ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 36.1 \text{ fb}^{-1}$ 

Mono-Z(ll) 2HDM+a

 $m_H = 600, \sin\theta = 0.35$ ee+ $\mu\mu$ 

5

4

3

2

1

Expected limit ( $\pm 1\sigma$ )

Observed limit

100

150

200

250

300

350

400

 $m_a [\text{GeV}]$ 