

**CMS***Preliminary***95% CL excluded:**

Observed

Expected

HiggsTools-1

68% expected

95% expected

**95% CL allowed:**

Muon g-2: Phys. Rev. D 104, 095008

 **$m_\phi = 100$  GeV** $\tan\beta$ 

200

180

160

140

120

100

10

1

Linear

Log

60

80

100

120

140

160

 $m_A$  (GeV)