

CMS

138 fb⁻¹ (13 TeV)

Type-X 2HDM
Alignment
Scenario
 $m_\phi = 200$ GeV

95% CL excluded:

Observed

Expected

Previously excluded

95% CL allowed:

Muon g-2 preferred

68% expected

95% expected

$\tan\beta$

200
180
160
140
120
100
10
1

Linear

Log

100

200

300

400

m_A (GeV)

