

# CMS

19.8 fb<sup>-1</sup> (8 TeV)

2HDM type-II (H → ZA)

m<sub>H</sub> = 378 GeV ; m<sub>A</sub> = 188 GeV

tan β

σ<sub>95%</sub> / σ<sub>th</sub>

1

10

1

10<sup>-1</sup>

10<sup>-2</sup>

--- Exp. excl.

— Obs. excl.

10<sup>-1</sup>

-1

-0.5

0

0.5

1

cos(β-α)

