

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

tan  $\beta$

**CMS**

Type I 2HDM;  $A \rightarrow \gamma \gamma$   
 $m_A = 300$  GeV;  $m_H = 300$  GeV

— Observed

- - - NLO expected

■ NLO expected  $\pm 1 \sigma$

■ NLO expected  $\pm 2 \sigma$

