

Hybrid basis:

$$m_h = 125.00 \text{ GeV}/c^2$$

$$m_A = 364.286 \text{ GeV}/c^2$$

$$m_H = 500.00 \text{ GeV}/c^2$$

$$m_{H^{\pm}} = 500.00 \text{ GeV}/c^2$$

$$\tan\beta = -2.00$$

1  $\sigma$  exp. fit allowed

2  $\sigma$  exp. fit allowed

3  $\sigma$  exp. fit allowed

X stb. excluded

● uni. excluded

□ per. excluded

+ HB. 95% CL. excl.

2HDM Type-II parameter space excluded/allowed regions

