

Hybrid basis:

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

$$m_H = 300.00 \text{ GeV}/c^2$$

$$Z_4 = 2.00$$

$$Z_5 = -2.00$$

$$Z_7 = 0.00$$

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

