

Hybrid basis:

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

$$m_H = 375.00 \text{ GeV}/c^2$$

$$Z_4 = -1.00$$

$$Z_5 = 1.00$$

$$Z_7 = 0.00$$

2HDM Type-II parameter space $\Delta\chi^2$ distribution

