

Hybrid basis:

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

$$m_H = 288.89 \text{ GeV}/c^2$$

$$Z_4 = -2.00$$

$$Z_5 = -2.00$$

$$Z_7 = 0.00$$

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

