

Hybrid basis:

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

$$m_H = 244.44 \text{ GeV}/c^2$$

$$Z_4 = -2.00$$

$$Z_5 = -2.00$$

$$Z_7 = 0.00$$

2HDM Type-II parameter space χ^2 distribution

