

Hybrid basis:

 $m_A = 364.29 \text{ GeV/c}^2$   $\Gamma_A = 1.684 \text{ GeV}$  cos(β-α) = 0.10 tan(β) = 2.61  $m_h = 125.00 \text{ GeV/c}^2$   $m_H = 500.00 \text{ GeV/c}^2$  Z4 = -1.98 Z5 = 1.89 Z7 = 0.00

 $\sigma(Z) = 45.95 \text{ fb}$   $\sigma(A) = 43.29 \text{ fb}$  $\sigma(A+Z) = 94.70 \text{ fb}$ 

 $\sigma(int) = 5.46 \text{ fb}$