

Events (normalised to unity)

$$\begin{aligned} M_H &= M_{H^\pm} = M_A = 600 \text{ GeV} \\ M_a &= 200 \text{ GeV}, \tan(\beta) = 1 \\ \lambda_3 &= \lambda_{P1} = \lambda_{P2} = 3, M_\chi = 10 \text{ GeV} \end{aligned}$$

- $\blacklozenge$   $\sin(\theta)=0.1$
- $\color{red}\blacksquare$   $\sin(\theta)=0.35$
- $\color{green}\blacktriangle$   $\sin(\theta)=0.5$
- $\color{blue}\blacktriangledown$   $\sin(\theta)=0.7$
- $\color{yellow}\circ$   $\sin(\theta)=0.9$

