

Events (normalised to unity)

$$\begin{aligned} M_H &= M_{H^\pm} = M_A = 600 \text{ GeV} \\ M_a &= 500 \text{ GeV}, \sin(\theta) = 0.35 \\ \lambda_3 &= \lambda_{P1} = \lambda_{P2} = 3, M_\chi = 10 \text{ GeV} \end{aligned}$$

- \blacklozenge $\tan(\beta)=0.5$
- $\color{red}\blacklozenge$ $\tan(\beta)=1.0$
- $\color{green}\blacklozenge$ $\tan(\beta)=2.0$
- $\color{blue}\blacklozenge$ $\tan(\beta)=4.0$
- $\color{yellow}\blacklozenge$ $\tan(\beta)=6.0$
- $\color{magenta}\blacklozenge$ $\tan(\beta)=8.0$
- $\color{cyan}\blacklozenge$ $\tan(\beta)=10.0$

