Fermiophobic $H \rightarrow \gamma\gamma$

ATLAS

2011 data $\int L \, dt = 4.9 \text{ fb}^{-1}$

Observed $p_0$ (all categories)
Obs. $p_0$ (High $p_{Tt}$ categories)
Obs. $p_0$ (Low $p_{Tt}$ + Conv. transition)
Expected $p_0$ (all categories)
Expected $p_0$ (High $p_{Tt}$ categories)
Expected $p_0$ (Low $p_{Tt}$ + Conv. transition)