Data 2011, $\sqrt{s} = 7$ TeV, $\int L \, dt = 4.8$ fb$^{-1}$

ATLAS

$\sigma_1$ $\sigma_2$ $\sigma_3$ $\sigma_4$

$\gamma \gamma \rightarrow$ SM $H \rightarrow \gamma \gamma$

Observed $p_0$

Expected $p_0$

Observed $p_0$ 2011 February paper

Expected $p_0$ 2011 February paper