CMS $\sqrt{s}=7$ TeV $L=4.1$ fb$^{-1}$

The histogram shows the distribution of entries for various processes, including $H(1000) \rightarrow XX(350)$, $1$ pb, as well as other processes labeled as QCD, $tt$, $Z/\gamma^* \rightarrow ee$, $Z/\gamma^* \rightarrow \tau\tau$, $WW$, $WZ$, $ZZ$. The x-axis represents $L_{xy}/\sigma_{xy}$, and the y-axis represents entries on a logarithmic scale from $10^{-2}$ to $10^3$. The data points are shown with error bars, and the red line represents the expected distribution for the $H(1000) \rightarrow XX(350)$ process.