The figure shows the 95% CL limit on $\sigma(pp\rightarrow X\rightarrow HH)$ in fb as a function of $m_X$ (GeV). The CMS collaboration presented a limit of 35.9 fb$^{-1}$ at 13 TeV. The graph includes expected and observed limits for various channels, marked with different colors and line styles. Channels include $bbVV$, $bb\tau\tau$, $bbbb$, and $bb\gamma\gamma$. The arXiv identifiers and CMS publications associated with these limits are listed.