Mass (GeV) vs. \( \phi \) mass (GeV) for CMS data. The graph shows the cross-section times branching ratio \( g_t^2 B(\phi \rightarrow \mu \mu) \) on a log scale, with upper limits shown at different confidence levels (95% CL). The shaded regions represent the observed and expected limits, with the green and yellow bands indicating the 68% and 95% expected limits, respectively.