The CMS experiment has published data on the decay of a new particle in the mass range of 0.5 to 3.0 GeV. The observed events are compared to expected yields from various processes, including $Z\rightarrow\tau\tau$, $Z\rightarrow ee/\mu\mu$, $t\bar{t},t+\text{jets}$, Diboson, $W+\text{jets,QCD}$, SM Higgs, and background uncertainties. The data is collected at 13 TeV luminosity, with a total integrated luminosity of 35.9 fb$^{-1}$. The observed events are plotted against the col mass in units of GeV, with the observed distribution shown alongside the expected yields for each process.