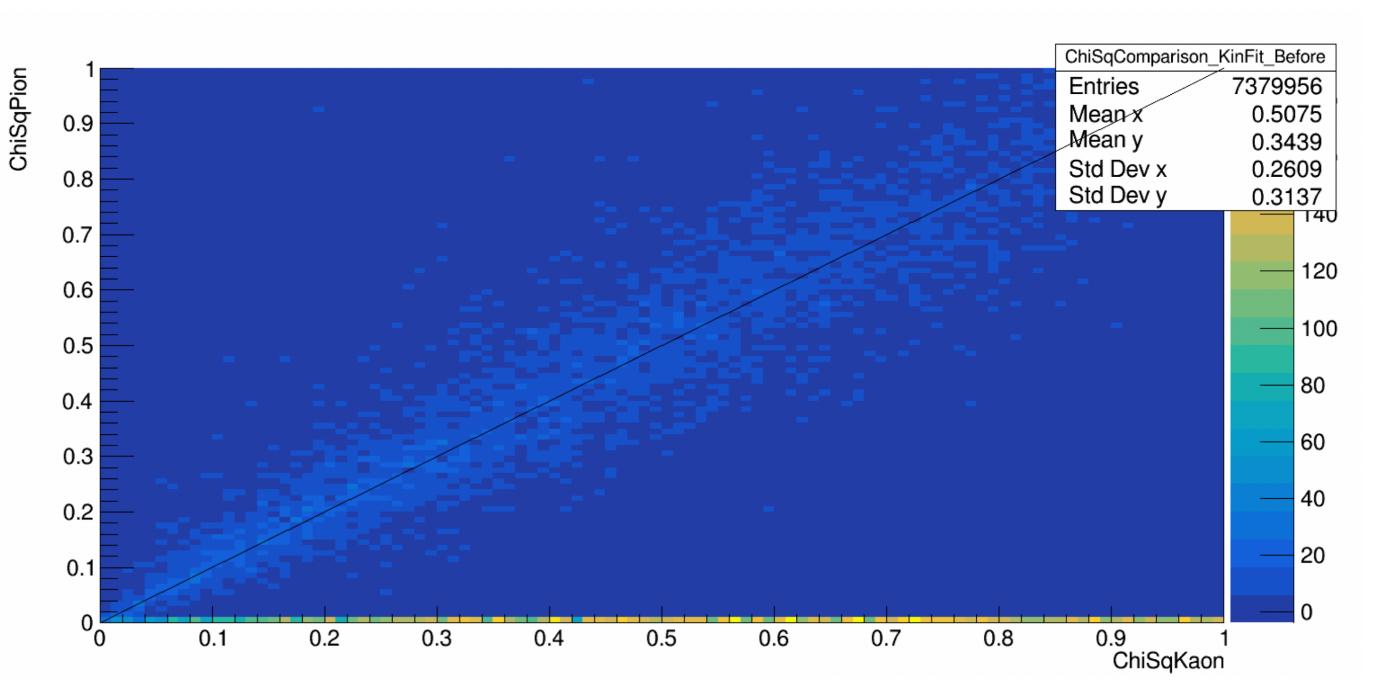
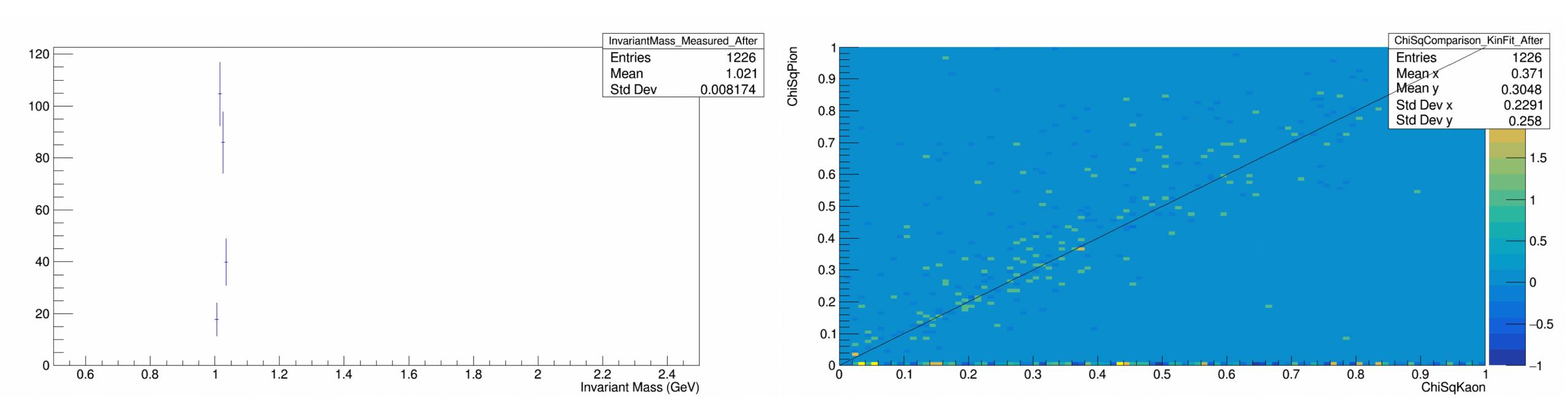
- Data is run through both $\gamma d \to K^+ K^- p(n)$ and $\gamma d \to \pi^+ \pi^- p(n)$
- Merge two output trees to compare the χ^2/NDF
- $\chi^2_{pion} = 0$ if no matching is found for that combo

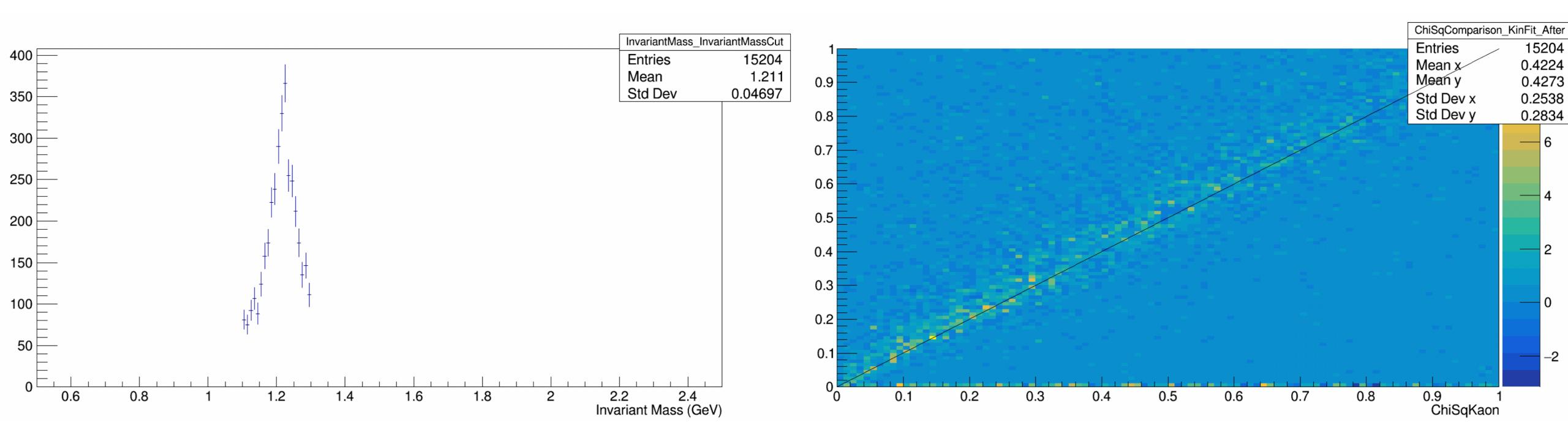
Before all cuts



- Signal region
- After various cuts and 1.00 GeV $< m_{K^+K^-} < 1.04$ GeV



- Background region
- After various cuts and 1.10 GeV $< m_{K^+K^-} < 1.30$ GeV



- Tried to cut the events with $\chi^2_{pion} > \chi^2_{kaon}$
- Background is suppressed by a little relative to the signal
- However, half of the signal is also cut away

