The plot shows the measured $M_{reco}$ distribution compared to various theoretical predictions for CDF Run 2 with 5.6 fb$^{-1}$ data. The observed data is indicated with black points, and the theoretical predictions include:

- $t^+t^-$: Yellow histogram
- $t\bar{t}$: Blue histogram
- $W+\text{jets, EW}$: Green histogram
- QCD: Dark green histogram

The $t'$ signal, if present, is indicated with a peak at 360 GeV. The difference between the observed data and the theoretical predictions is shown at the bottom of the plot, with error bars indicating statistical uncertainties.