The CMS simulation preliminary report shows the distribution of $T$ quark masses (GeV) for different processes and uncertainties. Events per 80 GeV range from 0 to 2000. The $T$ quark masses presented are:

- $T_{lh}(1700) \rightarrow tH$ (1 pb) at 700 events.
- $T_{lh}(1200) \rightarrow tH$ (1 pb) at 1200 events.
- $T_{lh}(700) \rightarrow tH$ (1 pb) at 1700 events.

The total uncertainties include MC, TTbar, WJets, SingleT, DYJets, and QCD.