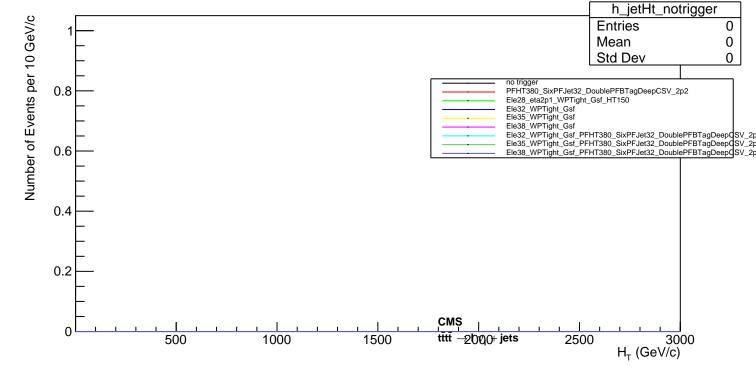
On-line (pre-)selection Requisites for:

- **Jets:** number > 5
- Muons plus Electrons: number > 0

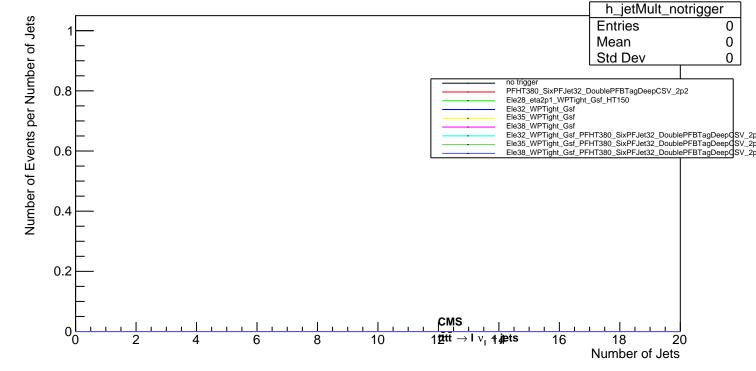
Event Limit: None (see last page)

Off-line (post-)selection Requisites for:

- Jets: jetId > 2, p_T > 30 and $|\eta|$ < 2.4 (for at least 6 jets)
 - btagDeepFlavB > 0.7489 (for at least one jet)
 - Muons: has tightld, |η|<2.4 and miniPFRellso_all<0.15 (for at least 1)

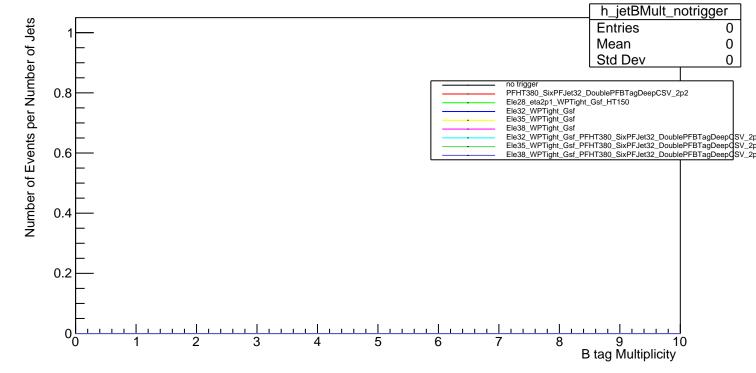






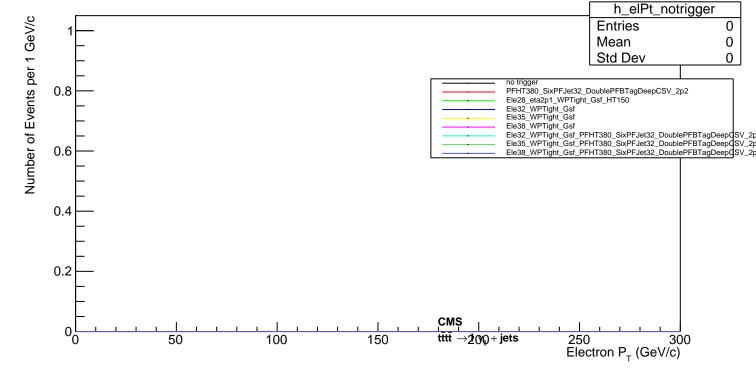
CMS $t\overline{t}t\overline{t} \to \textbf{I} \ \nu_{\textbf{I}} + \textbf{jets}$



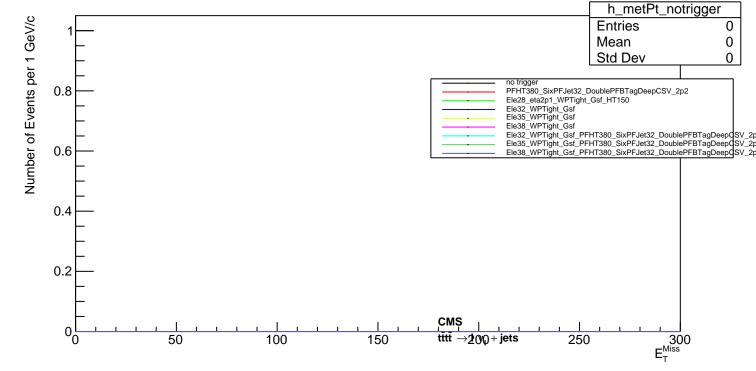


CMS $\label{eq:titt} \begin{tabular}{ll} t\bar{t}t\bar{t} \to \mbox{I} \ \nu_{\mbox{I}} + \mbox{jets} \\ \end{tabular}$

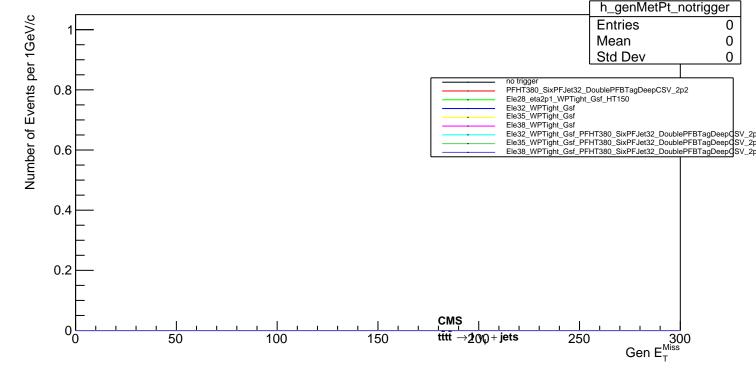




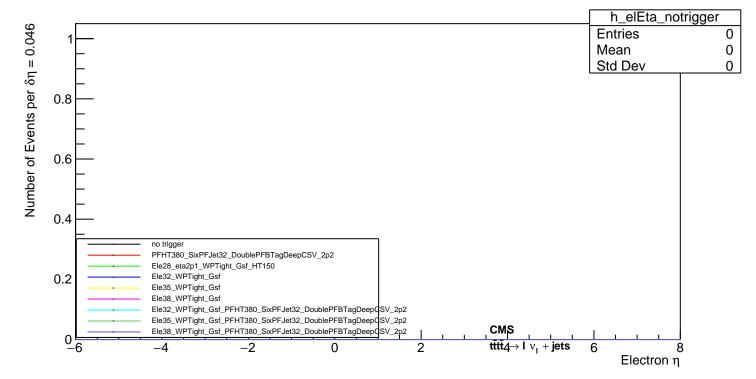












CMS
$$t\overline{t}t\overline{t} \rightarrow \text{I} \ \nu_{\text{I}} + \text{jets}$$



