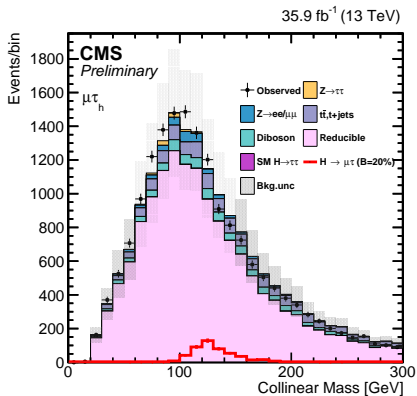
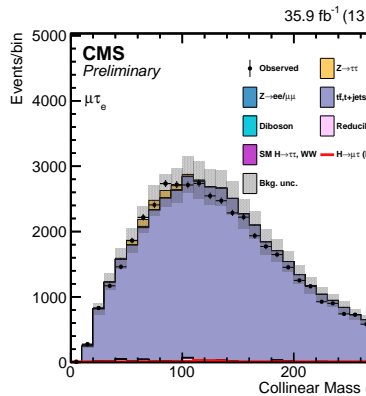


(a) Like-sign lepton region



(b) W + jets enriched region



(c)  $t\bar{t}$  enriched region