**Ttbar background**

**Semileptonic ttbar**
- W bosons and top quarks from jet pairs and triplets with masses closest to PDG values
- Control sample in data
  - $M_{\text{top}}$ within 25 GeV of PDG
  - $M_W$ within 15 GeV of PDG
- Extrapolate to signal region using MC

**Dileptonic ttbar**
- One lepton not seen
  - Hadronic $\tau$, out-of-acceptance, inside jet
- Control sample
  - 2 leptons, 3 jets
  - Remove 1 lepton
  - Remove SUSY with MC
- Normalization in low MET region