

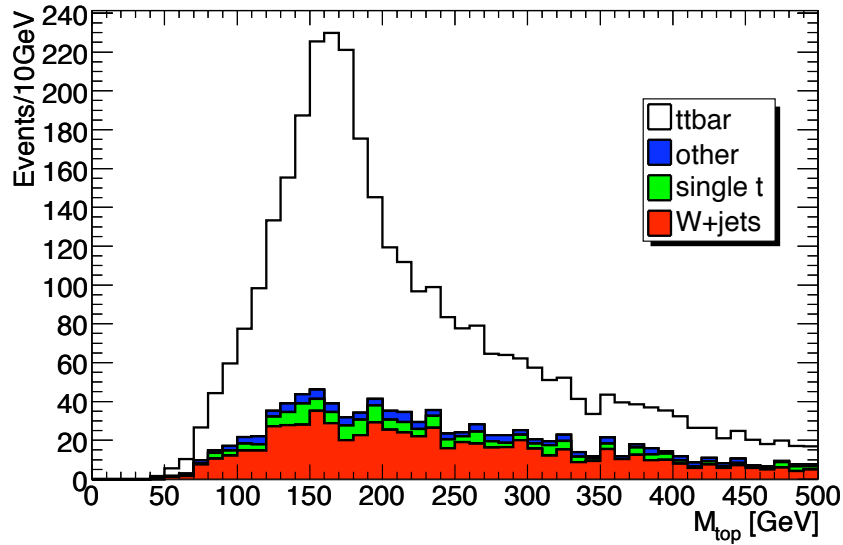
Single Lepton:b-tag

More than one option: only 1 tag, only 2 tag only, either 1 or 2 tagged jets

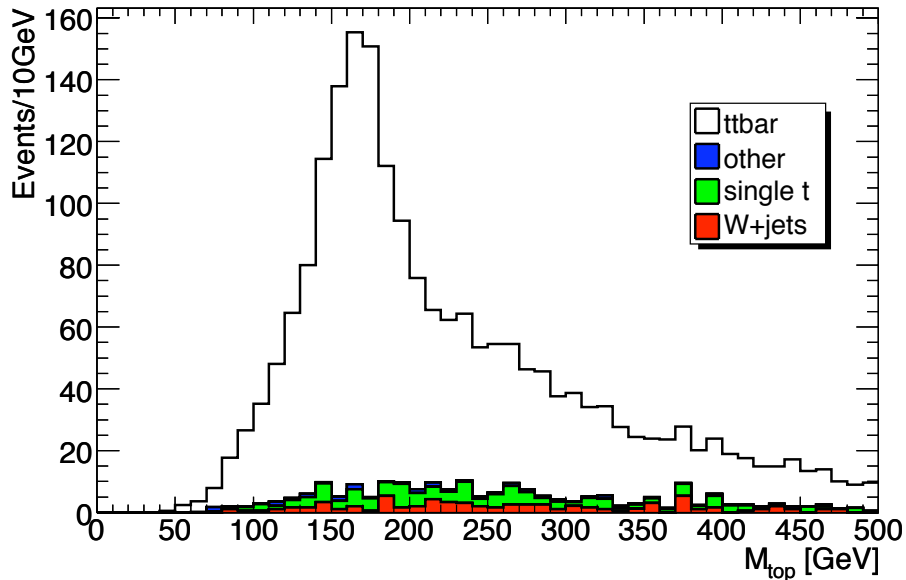
Use default electron selection +
btag=1 or 2 tags

Purity: improved by ~ 4
sig efficiency : reduced by ~ 2

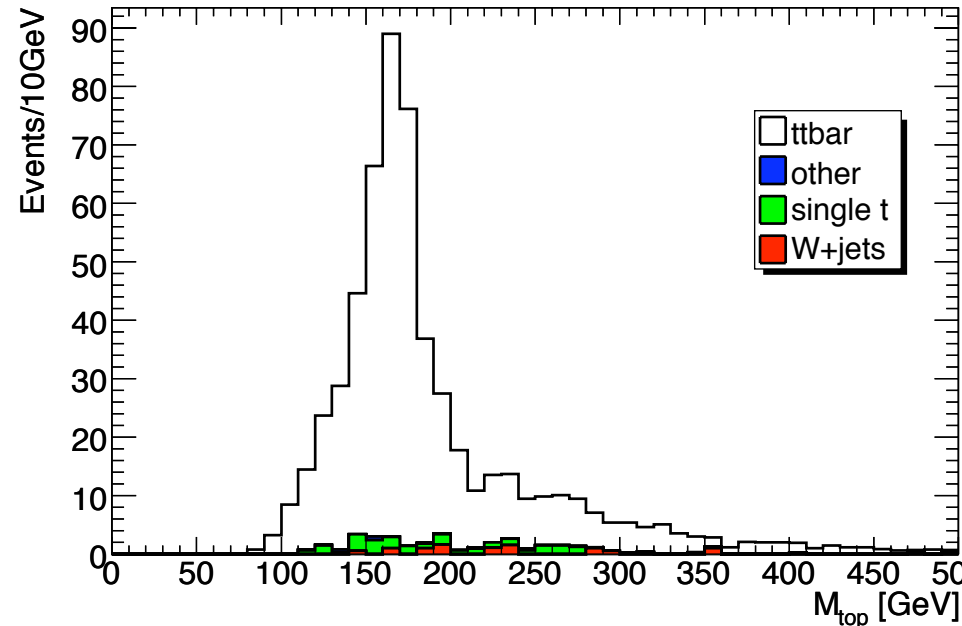
no btag, no M_W mass cut



b-tag, no M_W constraint



b-tag + M_W constraint



electron selection