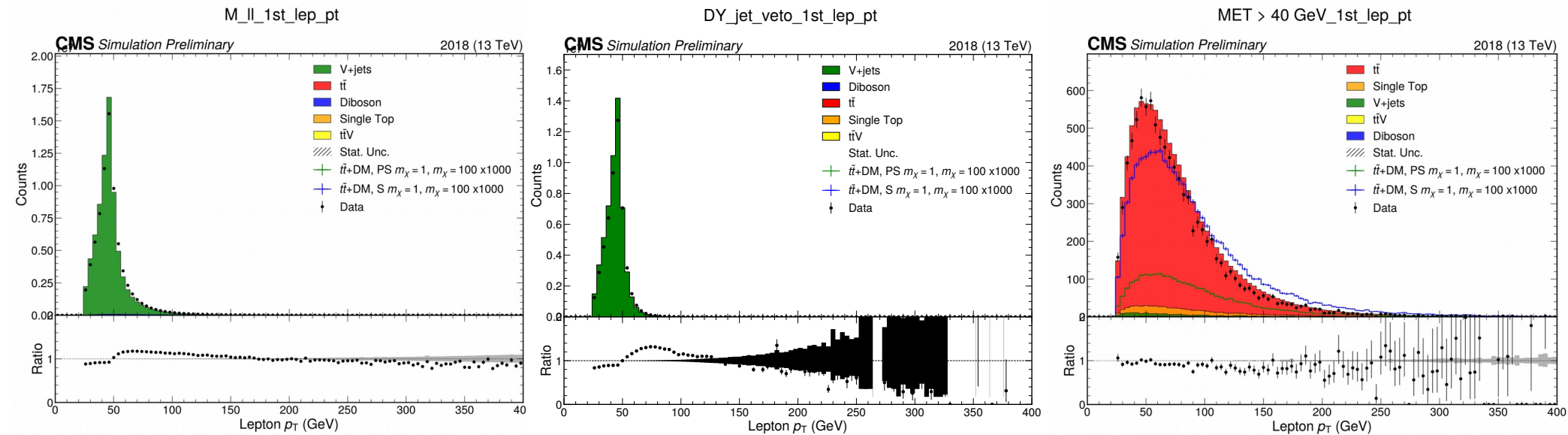


Plots for IFCA comparison

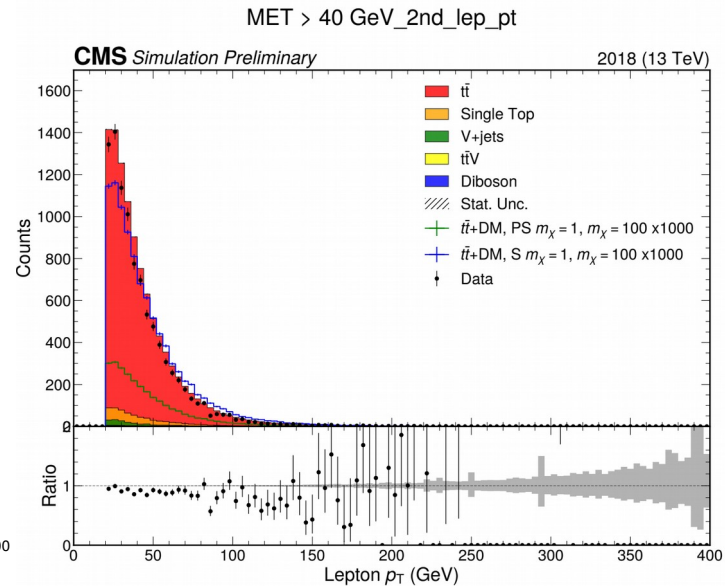
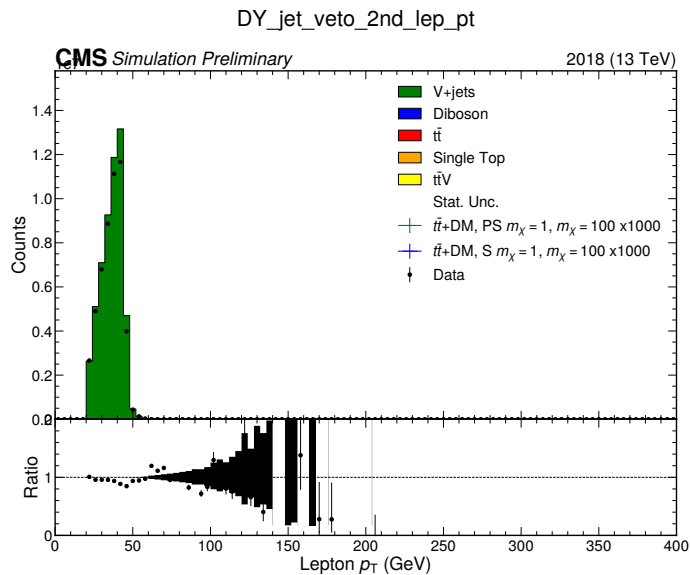
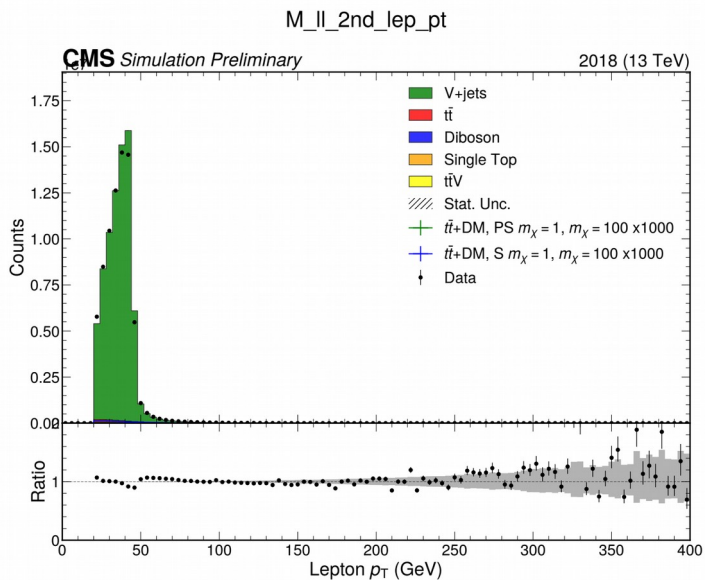
- Have implemented three regions for comparison with IFCA (using IFCA objects, but our triggers, SFs and datasets):
 - Inclusive region: 2 tight leptons, $p_t > 25, 20$ GeV, $M_{ll} > 20$ GeV
 - Drell-Yan CR: Inclusive + 0 jets, Puppi MET < 50 GeV, $60 < M_{ll} < 120$ GeV
 - Signal region: Inclusive + 2 jets* (at least one btagged with DeepCSV loose WP), Puppi MET > 50 GeV, 76-106 GeV M_{ll} Z window cut

*All jets have $p_t > 30$ GeV

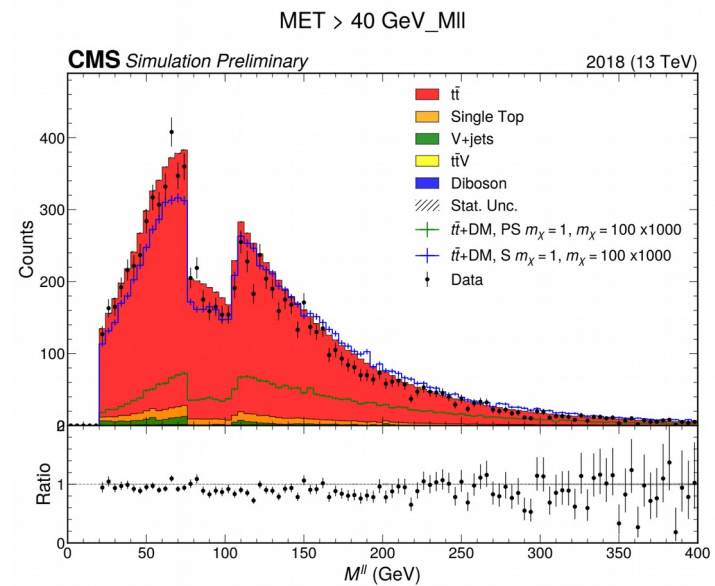
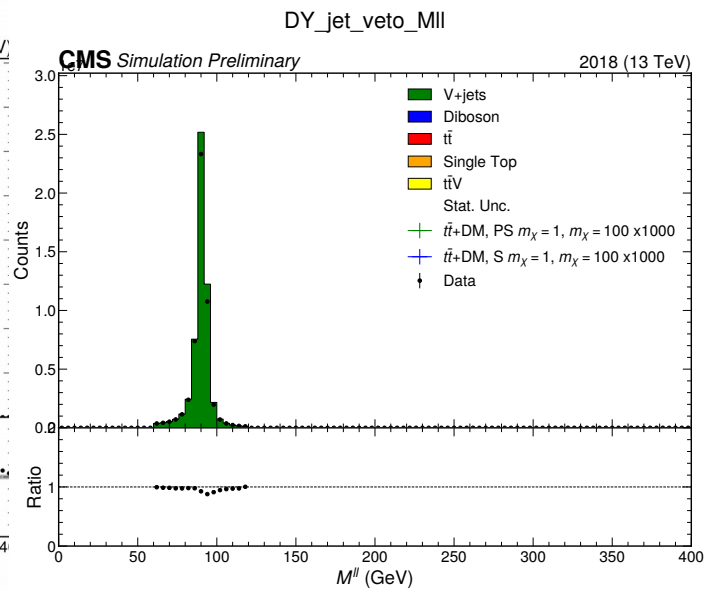
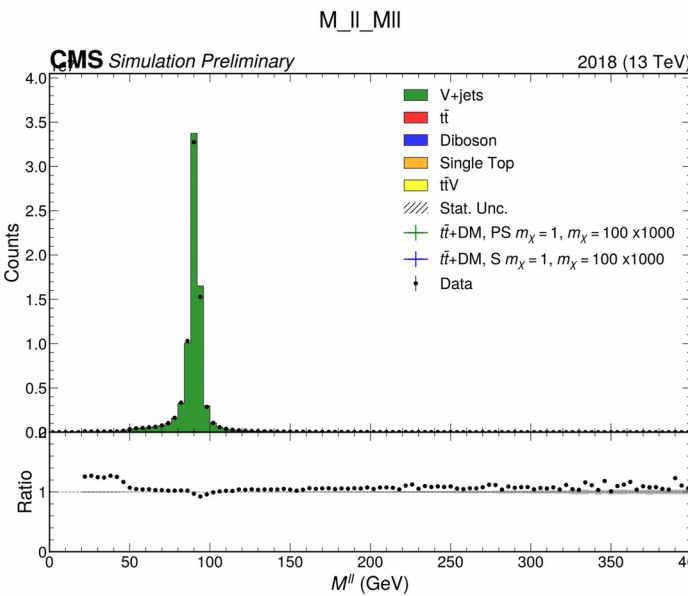
1st Lepton p_T



2nd Lepton pt

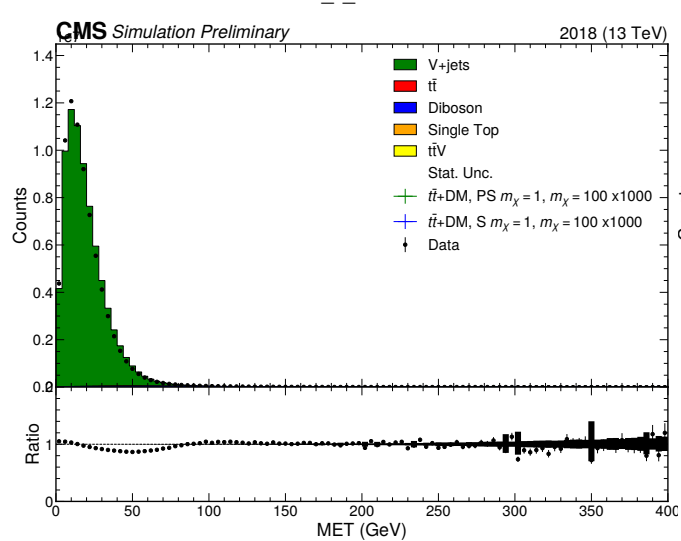


MII

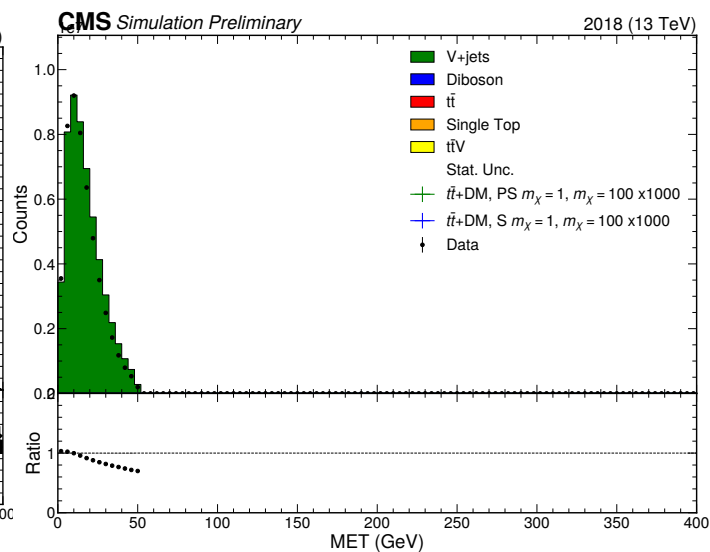


MET

M_II_MET



DY_jet_veto_MET



MET > 40 GeV_MET

