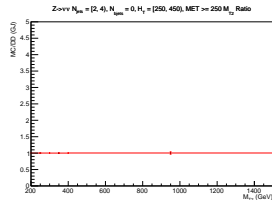# Monte Carlo vs Data Driven Estimates in M_{T2}
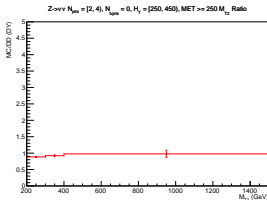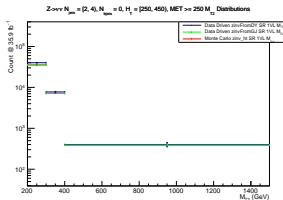
Dylan Gilbert
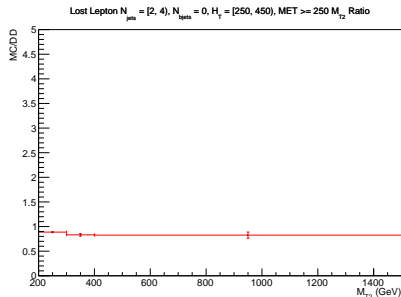
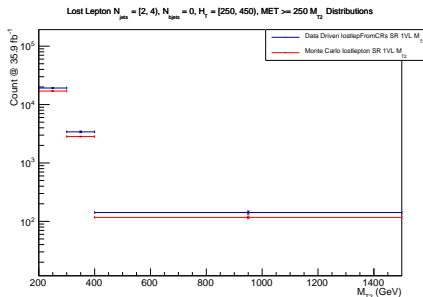# $Z->\nu\nu$ SR 1VL

- MC and DD are similar, especially for γ.
- Yes, MC is in the left plot, but overlaps with γ.
- In high statistics bins, MC is robust for electroweak physics.

Lost Lepton SR 1VL

Lost Lepton N_{jets} = [2, 4), N_{bjets} = 0, H_T = [250, 450), MET >= 250 M_{T2} Distributions

Lost Lepton N_{jets} = [2, 4), N_{bjets} = 0, H_T = [250, 450), MET >= 250 M_{T2} Ratio

- MC fairly accurate but consistently underestimates.