ee_Z(vv)WW(lvlv)
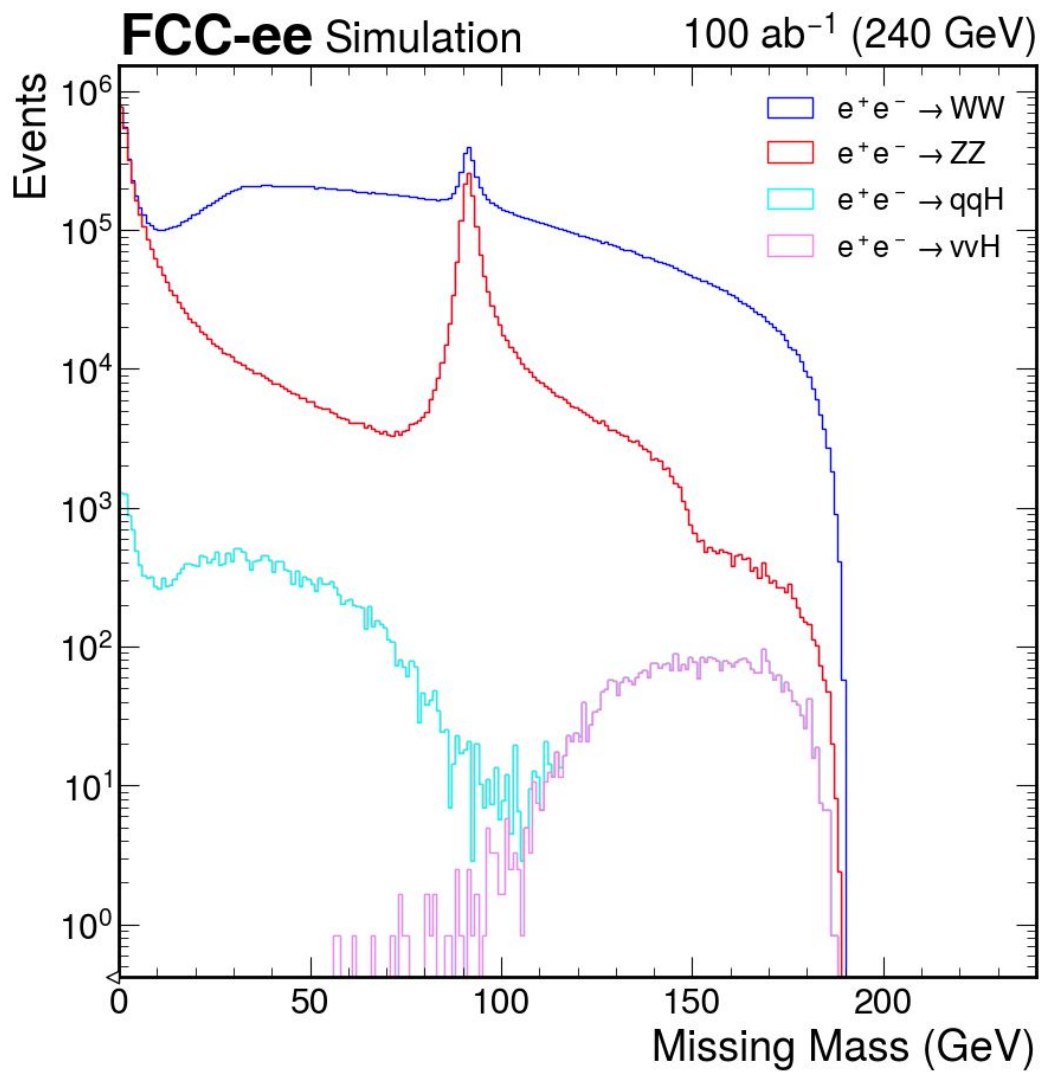
By: Warren Nam

Goals
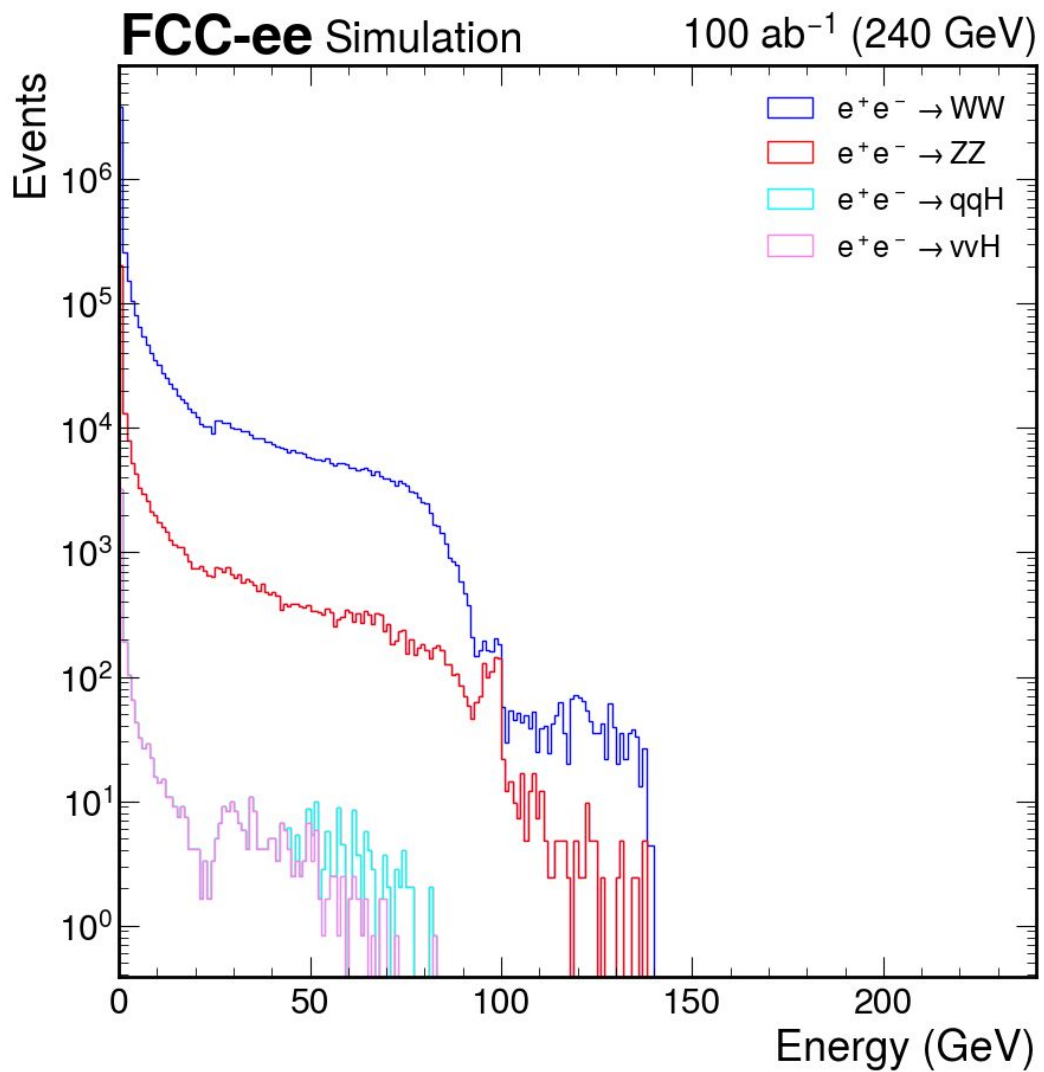
Measure the H → WW decay of my final state and eventually combine data to find a single cross-section

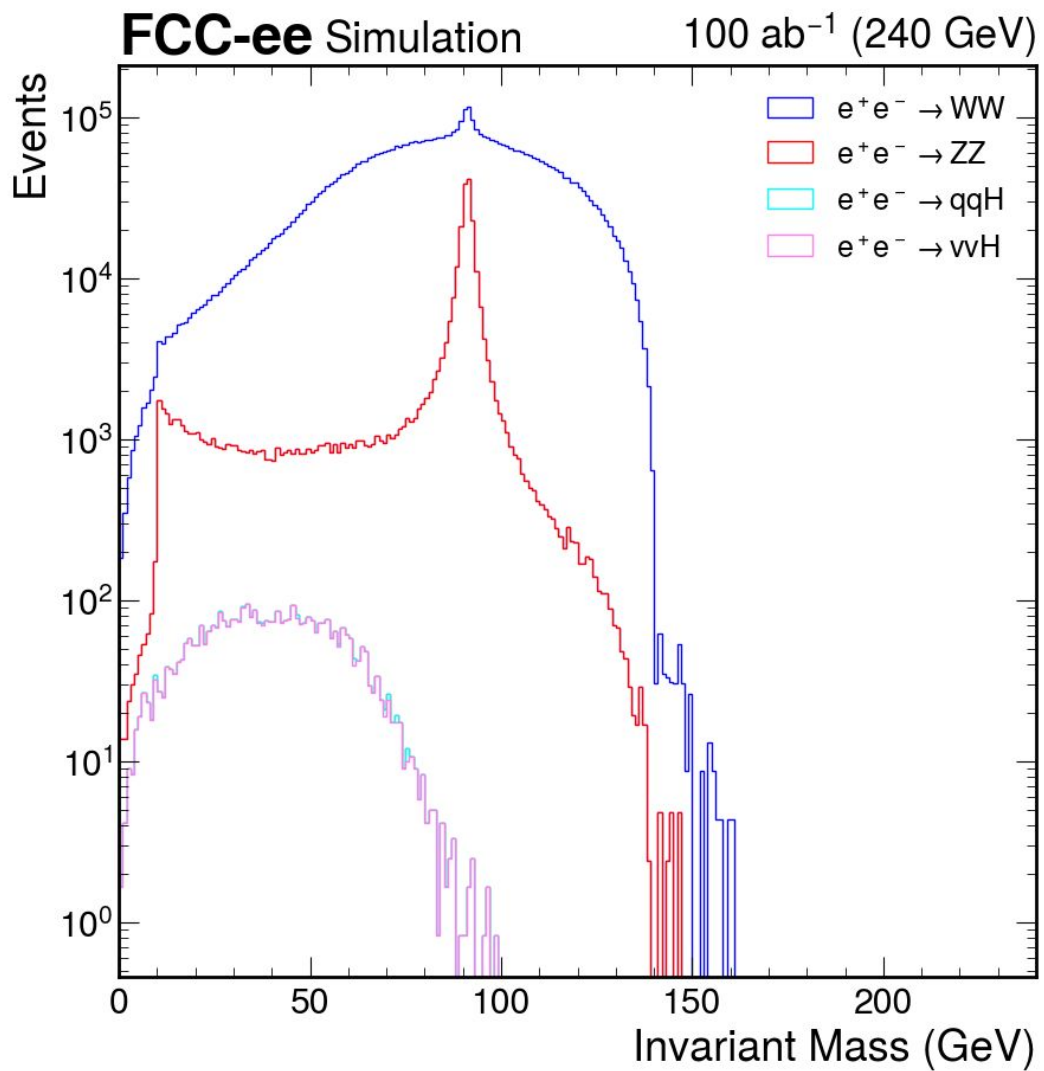# CUTFLOW

Cut 1: 2 Hard Muons of Opposite Charges

Cut 2: Missing Mass

Cut 3: Visible Energy

Cut 4: Invariant Mass of both Muons

Other Cut Ideas

- Missing invariant mass
- 2 soft muons
- Angle between the two particles
- Total momentum
- Hadronic energy