Weekly Summary

- Higgs->invisible (Yuhang)

  -- Arrange the selection cuts and apply to some samples

- Higgs-> ZZ (Lingteng)

  -- Making the comparison distribution between Signal & Bg

- Ryuta

  -- Checking the daq framework (along with the data structure, finally found we need the instruction since the final format is not visible) for the JadePix

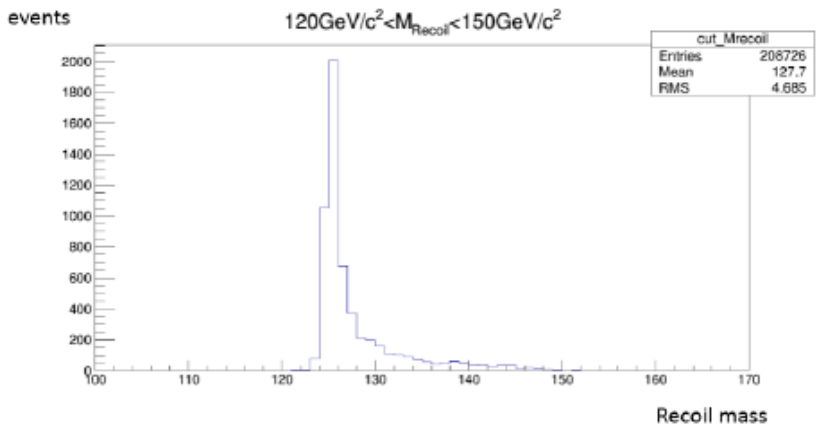
  -- JC paper

Tanyuhang's work: Draw cut condition distribution of signal and background before cut, in order to confirm our cut condition is reasonable.

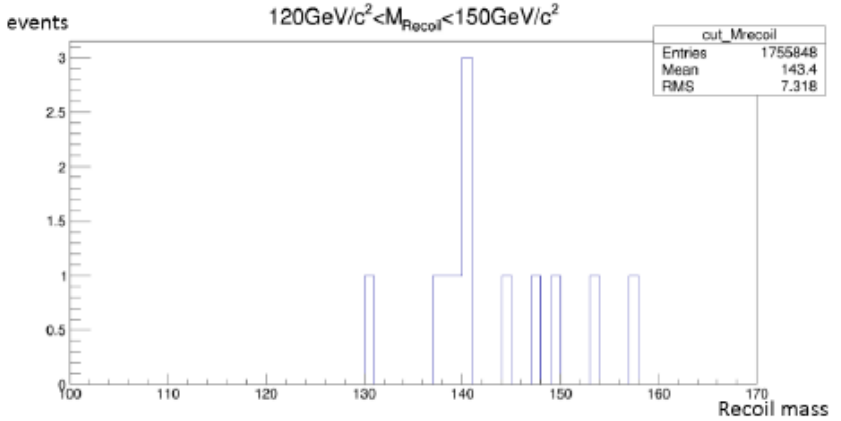
Samples:

Before cut Recoil mass distribution:

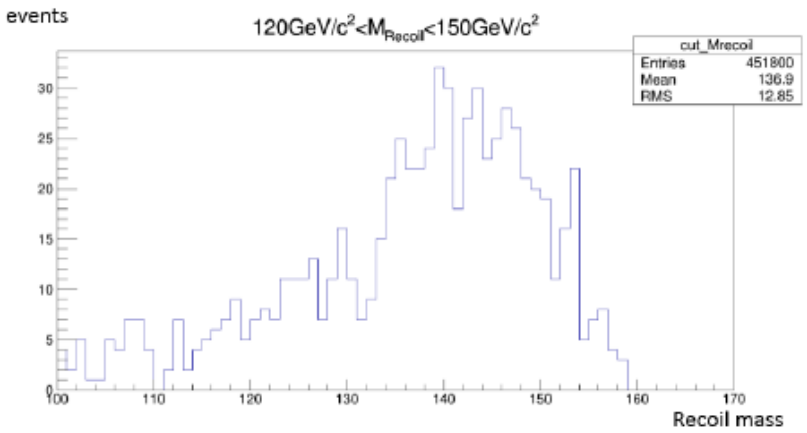
Signal



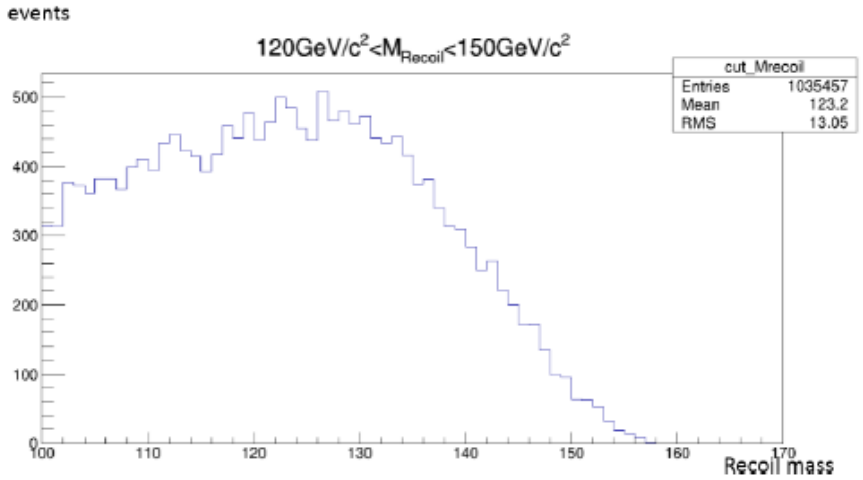
Background: higgs->qq



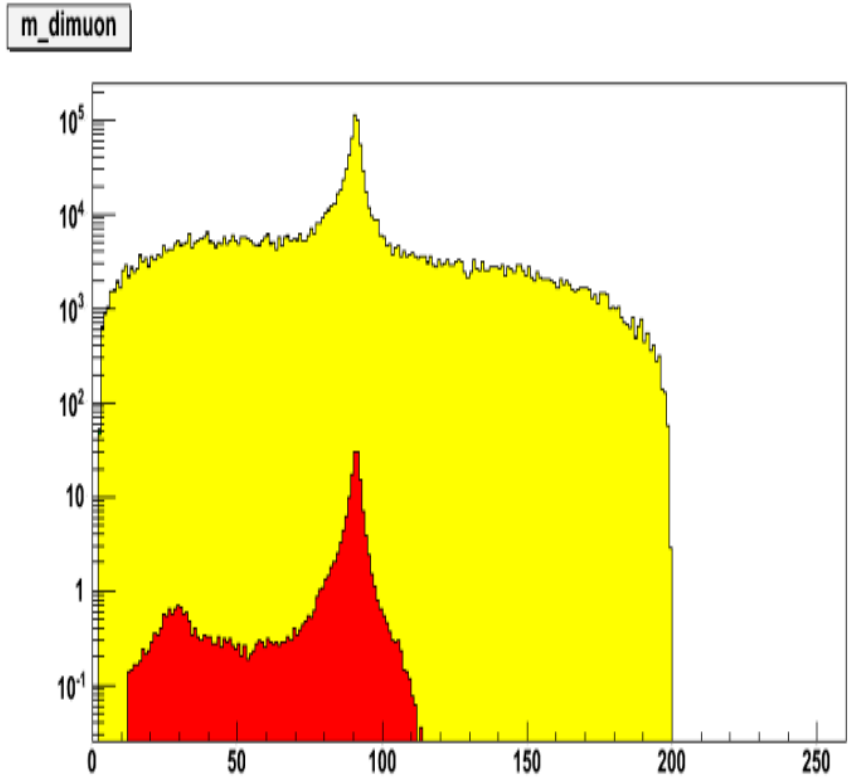
Background: e+e- ->τ+τ-



Background: e+e- ->ww_l0ll

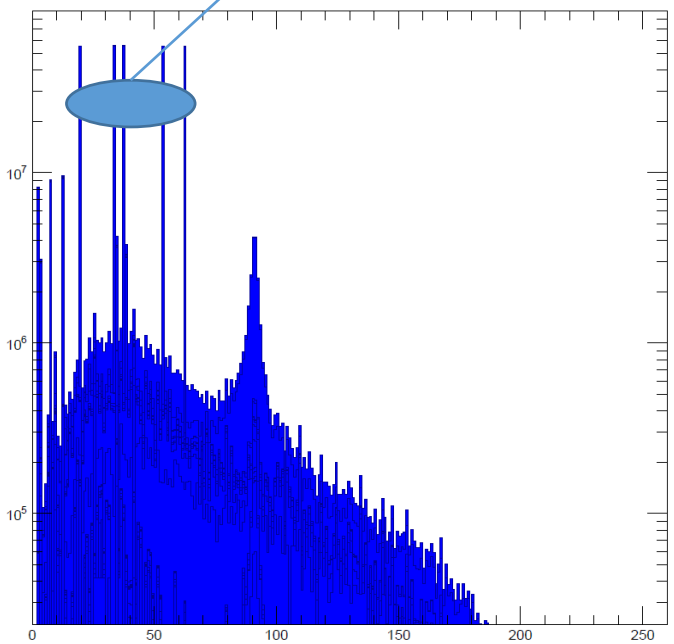


Backgroung and signal on m_dimuon_raw(no cut)

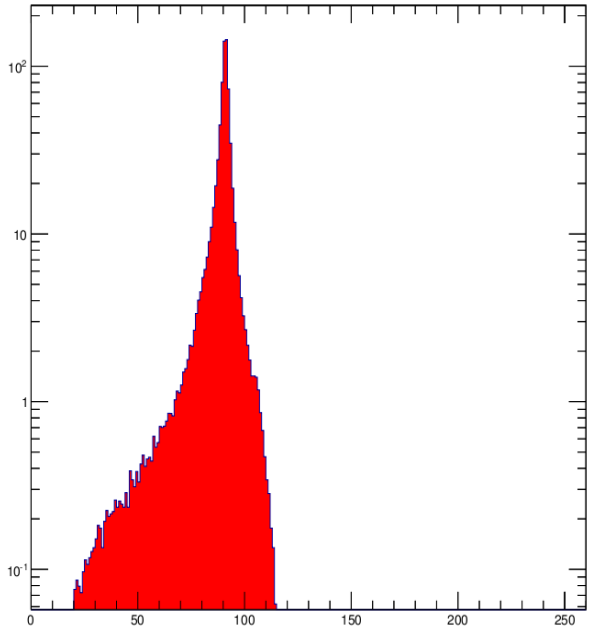


Pic from Ryuta

Don't know why these are very outstanding



Pic from me (**Yaxis range is wrong so it didn't show signal**)



signal

According to the pic, we use cut: 80 < M(dimuon) < 100

Lingteng

Updated (merge) histogram