Huijun’s status

BSM H->hh->wwyy analysis

- Background estimation :

  focus on the ratio N_inMassWindow / N_outMassWindow instead of shape information

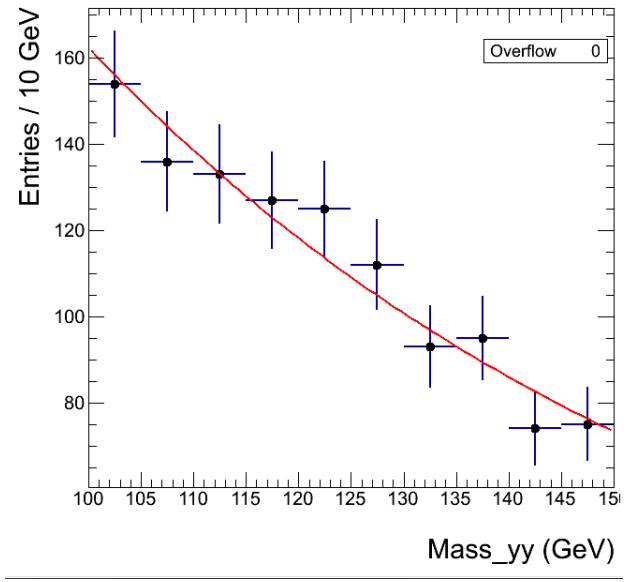
Validated by Wyy sample:

To do the selection

Require more than 1 lepton

And no requirement on lepton

Than get the ratio



BSM H->hh->wwyy analysis

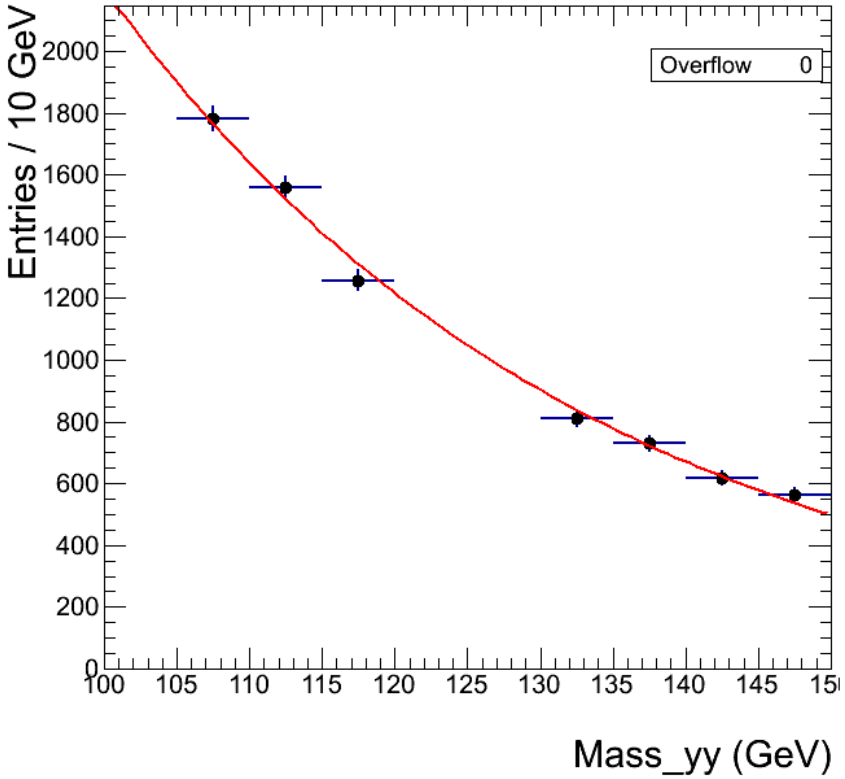
- The ratio of this validation is:

  19.6% 1lep

  19.5% no lep requirement

And the total ratio of background in data is 21%

->turn out to be around 2.5 events in data



BSM H->hh->wwyy analysis dilep channel

- Most samples are done(mass point from sm to 400GeV)
- Efficiency is similar to lvjjyy channel
- Updating results now

Other works

- Quite busy with qualification tasks these days due to DC14 is coming

- Learning workspaces ->thank to Jin’s tutorial