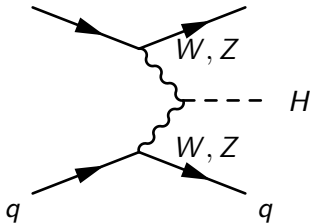


Things to do

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Things to do

- ▶ Start parked data analysis
- ▶ Combination with other invisible channels
- ▶ Further work for prompt result paper

Parked data

- ▶ Move from counting to shape based analysis
- ▶ Synch with analysis A for new ntuple production:
 - particularly JER due to $W \rightarrow \tau \nu$ problems
 - also needs to be done for re-reco
- ▶ Apply real data turn-on

Combination

- ▶ Datasheets used for approval should be put in SVN as they are
- ▶ A few fixes are needed for further work:
 - currently correlations in JES/R and mET uncertainties are not accounted for
 - asymmetric JES/R and mET errors are also not accounted for
 - from a very rough test it seems these effects move the limit in opposite directions and approximately cancel each other out
 - more information needed from Jim before proper fix can be implemented

Further work for prompt result paper

- ▶ Request from ARC for more work on $W \rightarrow \tau\nu$ estimate:
 - suggested that we look at using $W \rightarrow e/\mu\nu$ control region to predict $W \rightarrow \tau\nu$ background
- ▶ Datacard problems mentioned above
- ▶ Check re-reco again