


Where are we now?

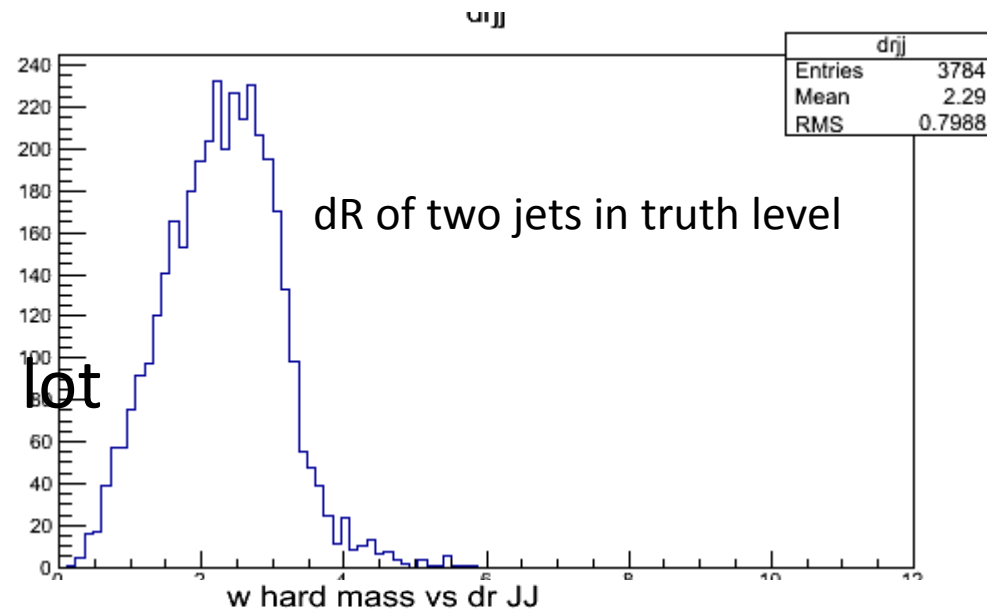
- Central production is done
- Dumper is done
- Data is downloaded

Event selection

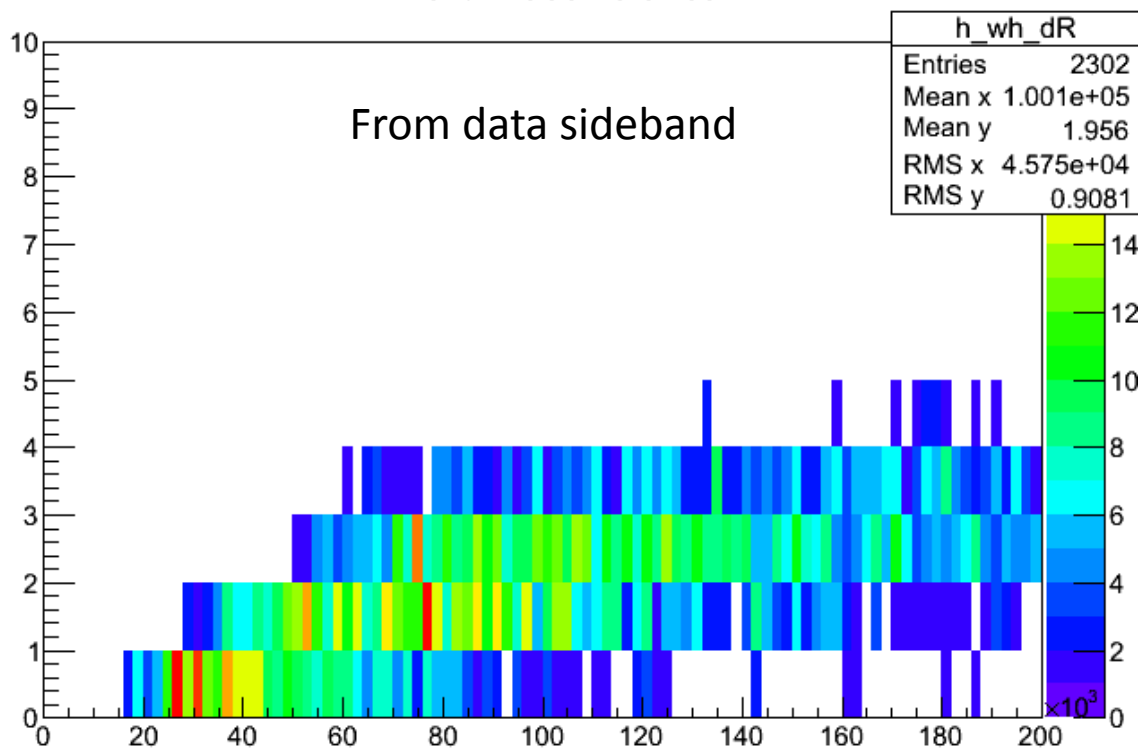
- The same selection to $\gamma\gamma$ higgs as in HSG1 169135
- At least 2 jets, 1 lepton and B veto 13217
- Divide into 2 categories
 - on shell W hadronic decay off shell W leptonic
 - off shell W hadronic decay on shell W leptonic 
- Require W mass window from 60 to 100 3273
- $t\bar{t}h$ and $v\bar{v}h$ are dominating background after these cuts

Leading 2 jets != W

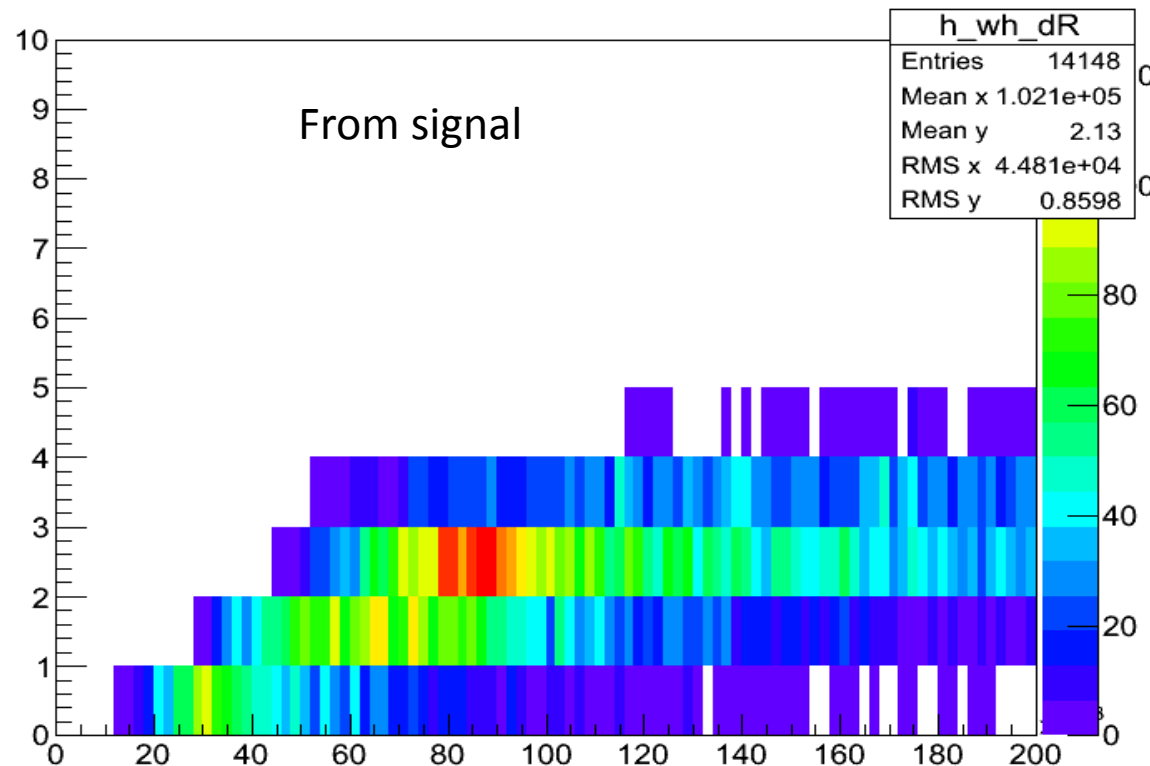
- This plot is the Invariant mass of leading 2 jets
- To find if the two jets really from W may help a lot



w hard mass vs dr JJ

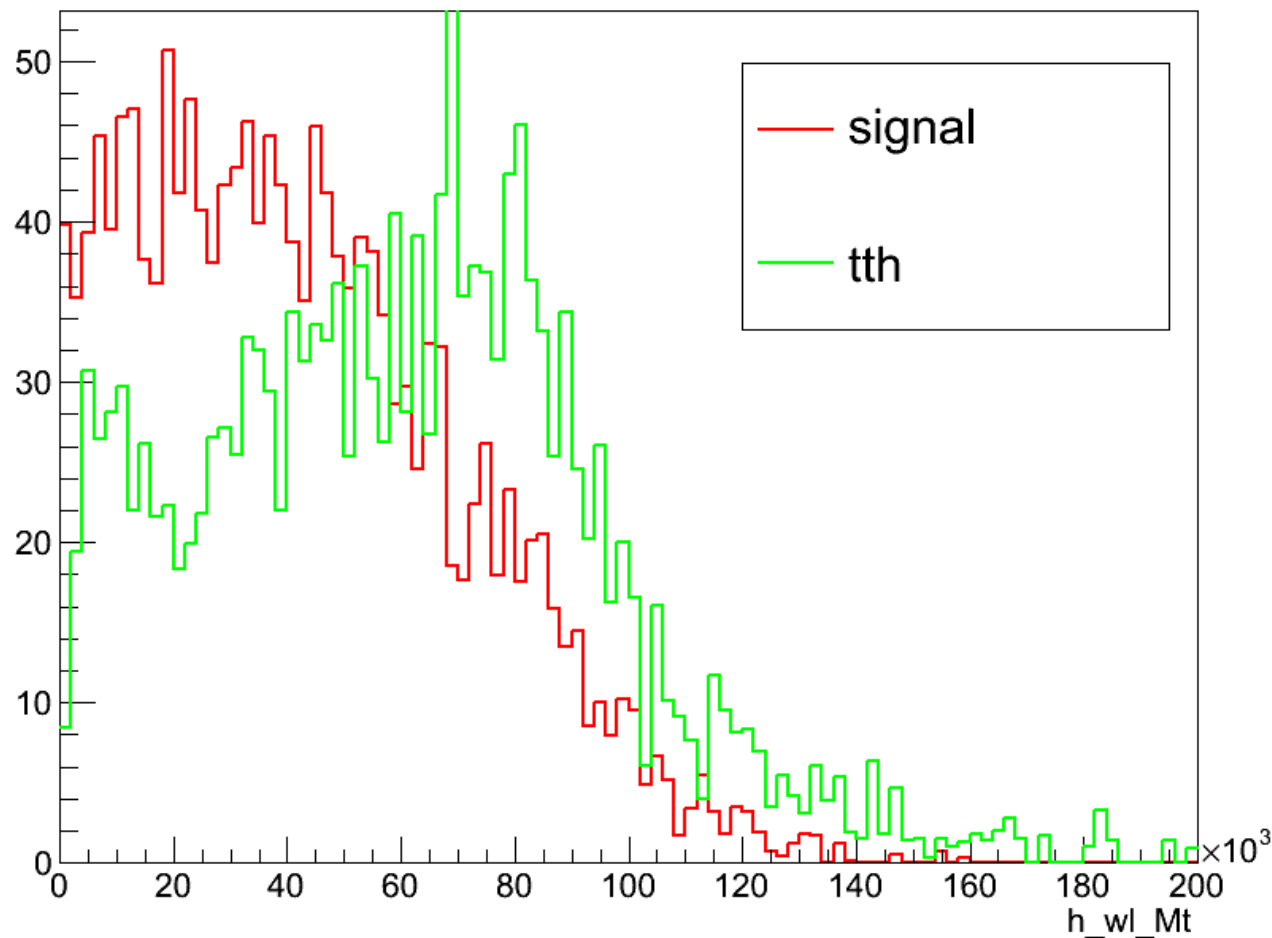


w hard mass vs dr JJ



Using M_t of lepton + MET

WIM



WIM

