DQ checks on the new samples

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CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICA:



Technical



Old samples:

mc-dbd/ild/dst-merged/250-TDR_ws/2f_Z_hadronic/ILD_o1_v05/

v01-17-11-p02/

rv01-17-11-p02.sv01-14-01-p00.mILD_o1_v05.E250-TDR_ws.I106607.P2f_z_h.eL.pR_dst_00008992_001_01-DST.slcio

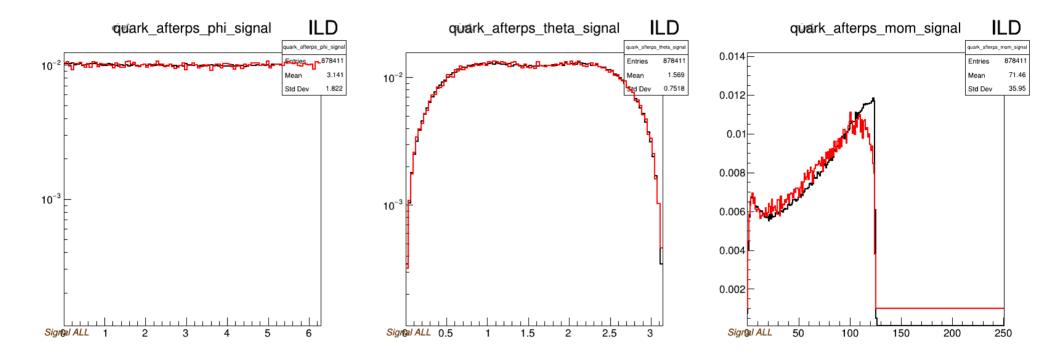
New Samples:

- 2f_Z_hadronic.bWW
- (what the WW stands for?)
- ilc/mc-2020/ild/rec/250-SetA/2f_hadronic_eL_pR/ILD_l5_o1_v02/v02-02/
- https://ild.ngt.ndu.ac.jp/elog/dbd-prod/370
- Jet reco and flavour tagg with LCFIPlus (thanks to Ryo for the files)





Quarks after FSR

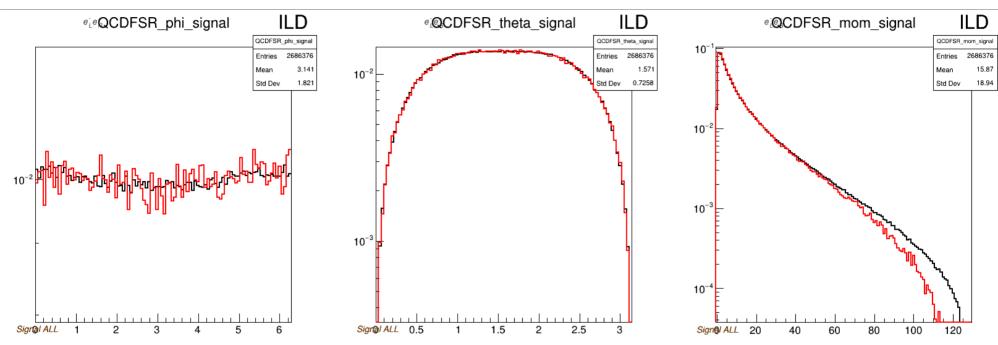


▶ RED = 2020





QCD FSR

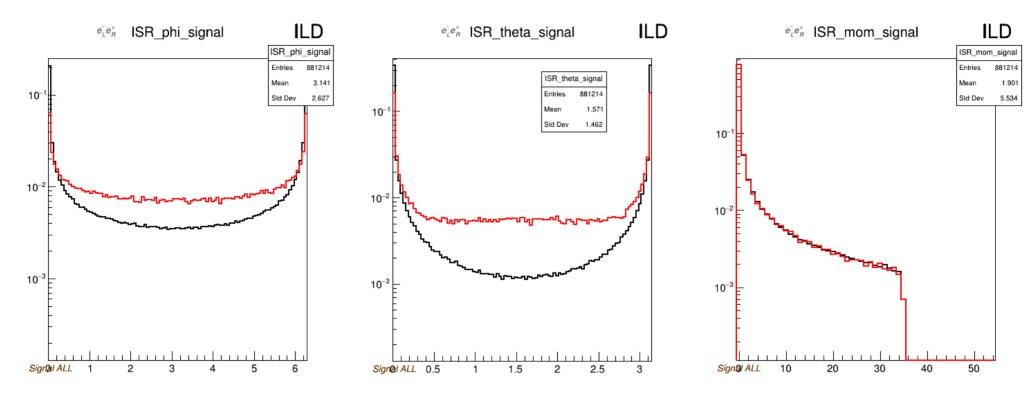


- QCD radiation is a bit softer but similar
 - -> what has changed? (to be checked)

▶ RED = 2020

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Photon ISR

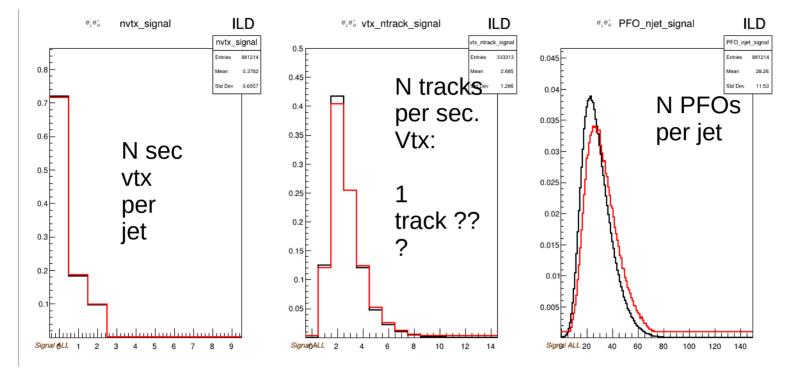


- ▶ RED = 2020
- Black = DBD

- More ISR in the barrel...
 - What has changed? (to be checked)
 - Would it be a problem? To be checked

Objects (sec vtx, tracks, pfos)





More PFOs (overlying)



▶ RED = 2020

Next?



- Create a new branch of the code for 2020 and onwards analysis
 - -> Yuichi can start to look at them
 - Lots of debugging / cleaning to be done in parallel
 - Add more info to the ntuples (primary vtx, stable particle level info)
- Complete the DQ including more plots and high level objects/features (i.e. bagg/ctag etc)
- I want to look at dE/dx and timing with a bit more of attention (using ILD soft methods... already in contact with Remi Ete)
- I want to finish the ccbar analysis
- Next 2 Next ?
 - Improving the forward region ?

