

Weekly Report

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Look into v10 sample

GN2 production used for WP determination

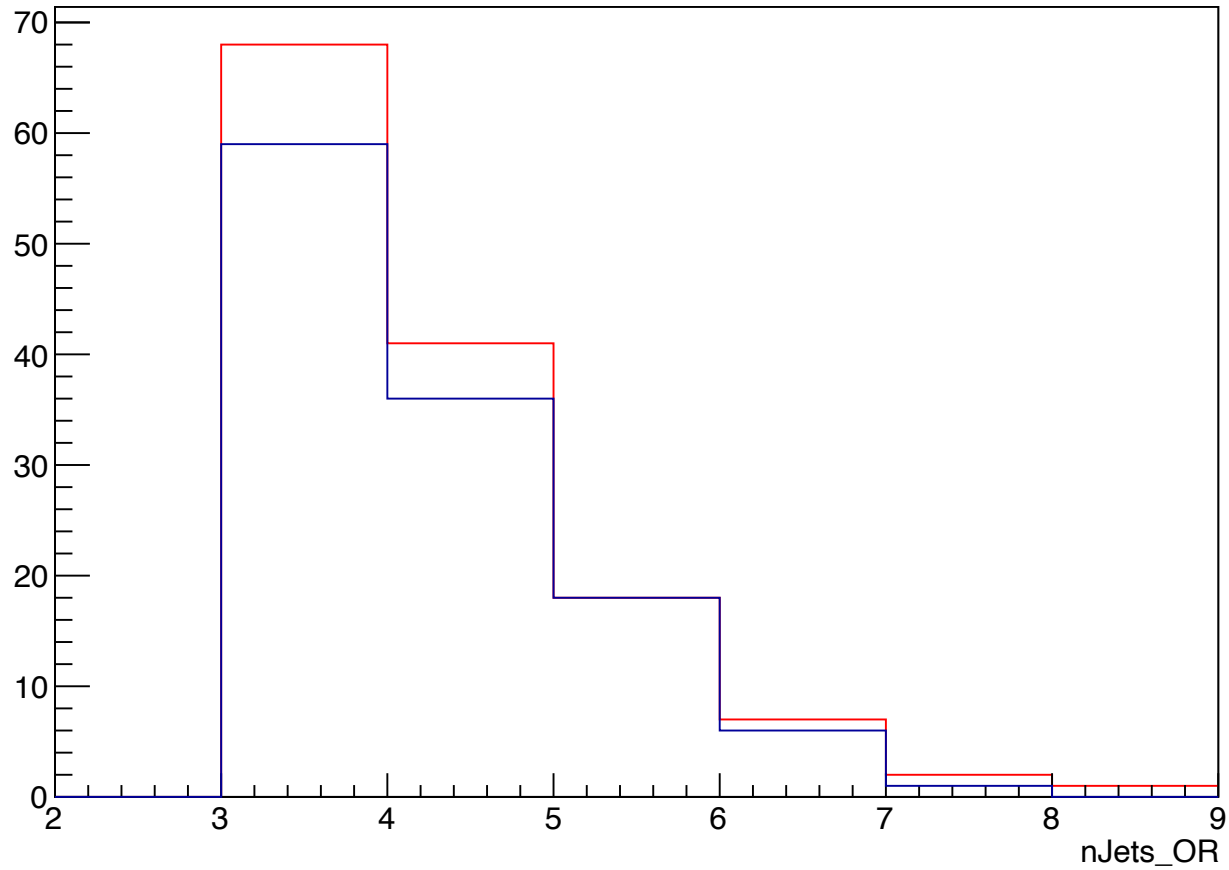
Signal: ready

Bkg: half of them failed

Will move studies to latest official samples(on the way now)

jets in ee channel(signal process only)

nJets_OR (abs(ep_ID_0)==11&&abs(ep_ID_1)==11&&(ep_ID_0*ep_ID_1>0)&&nJets_OR==3&&ep_PT_0>15000&&ep_PT_1>15000&&(abs(p1187.6-MD1)<10000)&&MD1>15000&&ep_isolationTightTrackOnly_0&&ep_isolationTightTrackOnly_1)



Red: TightTrackOnly

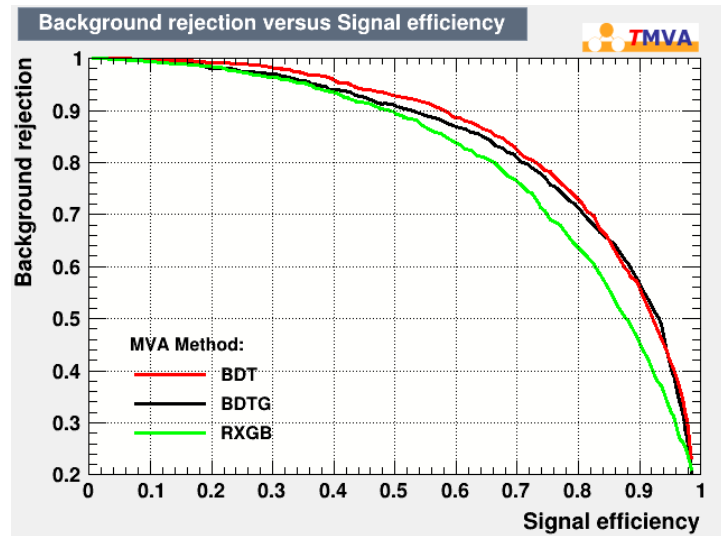
Blue: FCTight

Need also bkg shape to decide which one to be applied

ML study

ROOT frame

- The xgboost method is worse than BDT even for examples given by developer
- Not the weight problem
- BDT and BDTG performance are similar



Python frame (provided by Yu Zhang)

- Strange behaviour for xgboost