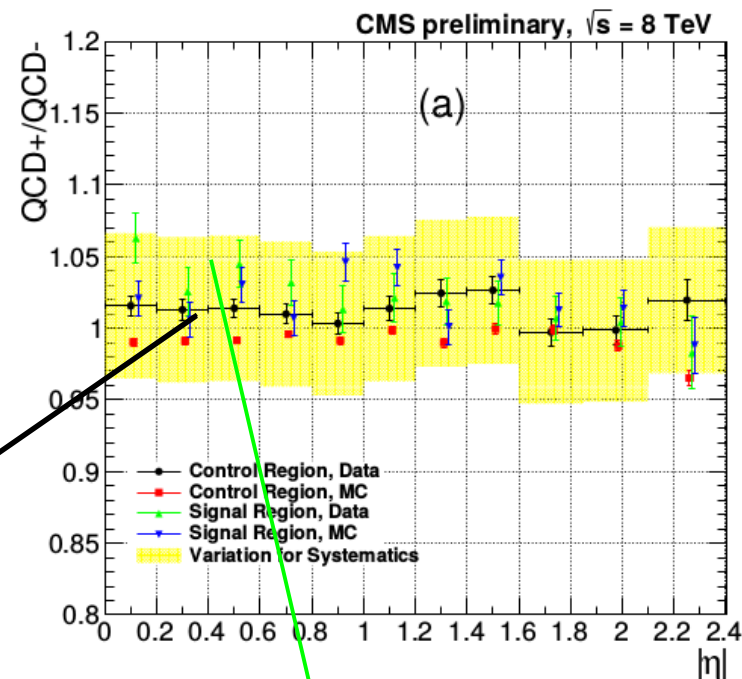


QCD background fits in eta bins

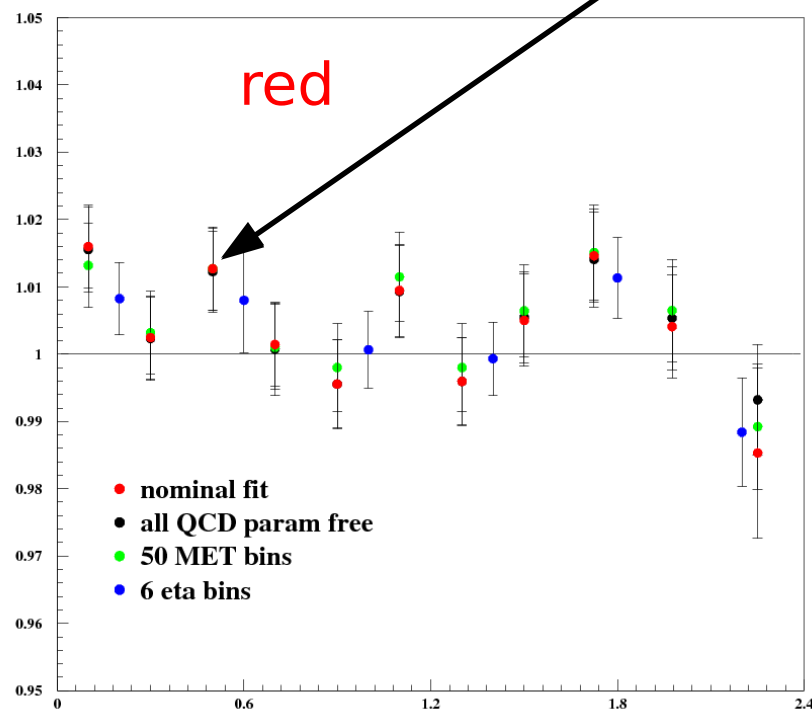
V. Danilov, K. Wichmann

QCD BG in 8 TeV and 13 TeV

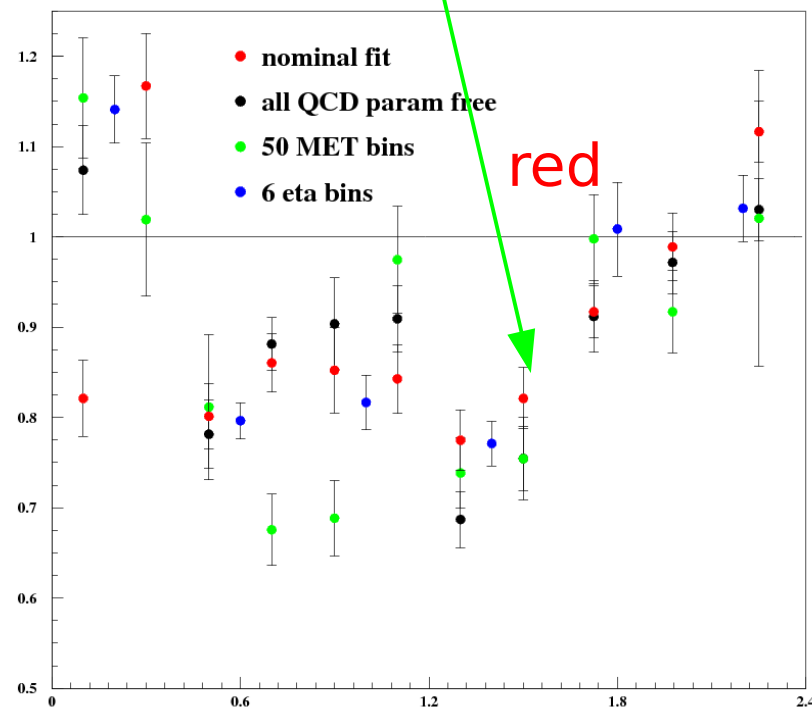
- 4 methods to estimate QCD in W+ and W-
 - QCD MC in signal region
 - (Fits to) data control region**
 - QCD MC in control region
 - Fits to data signal region, separately for W+ and W- → what we do now!



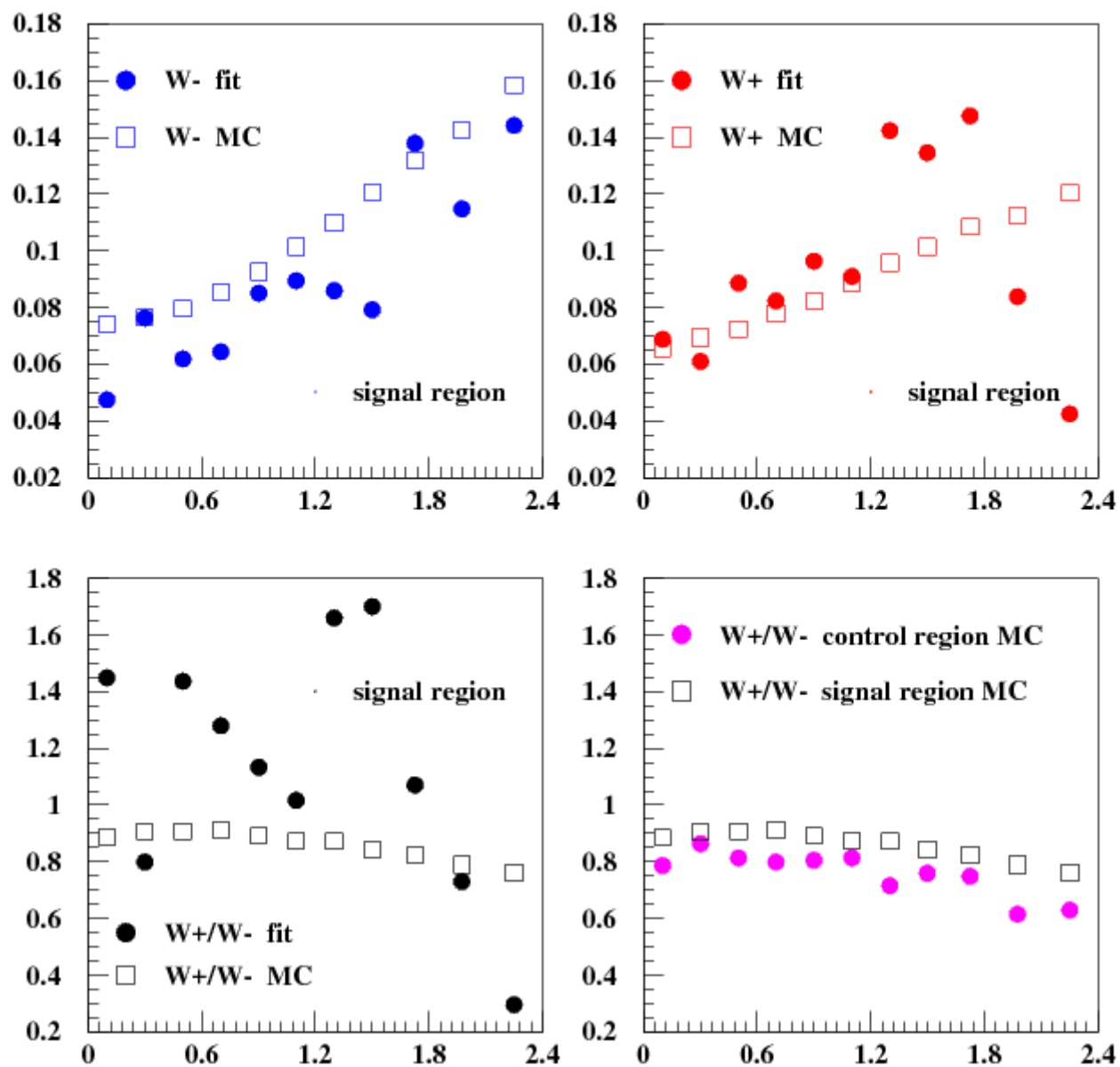
QCD+/QCD - data in control region



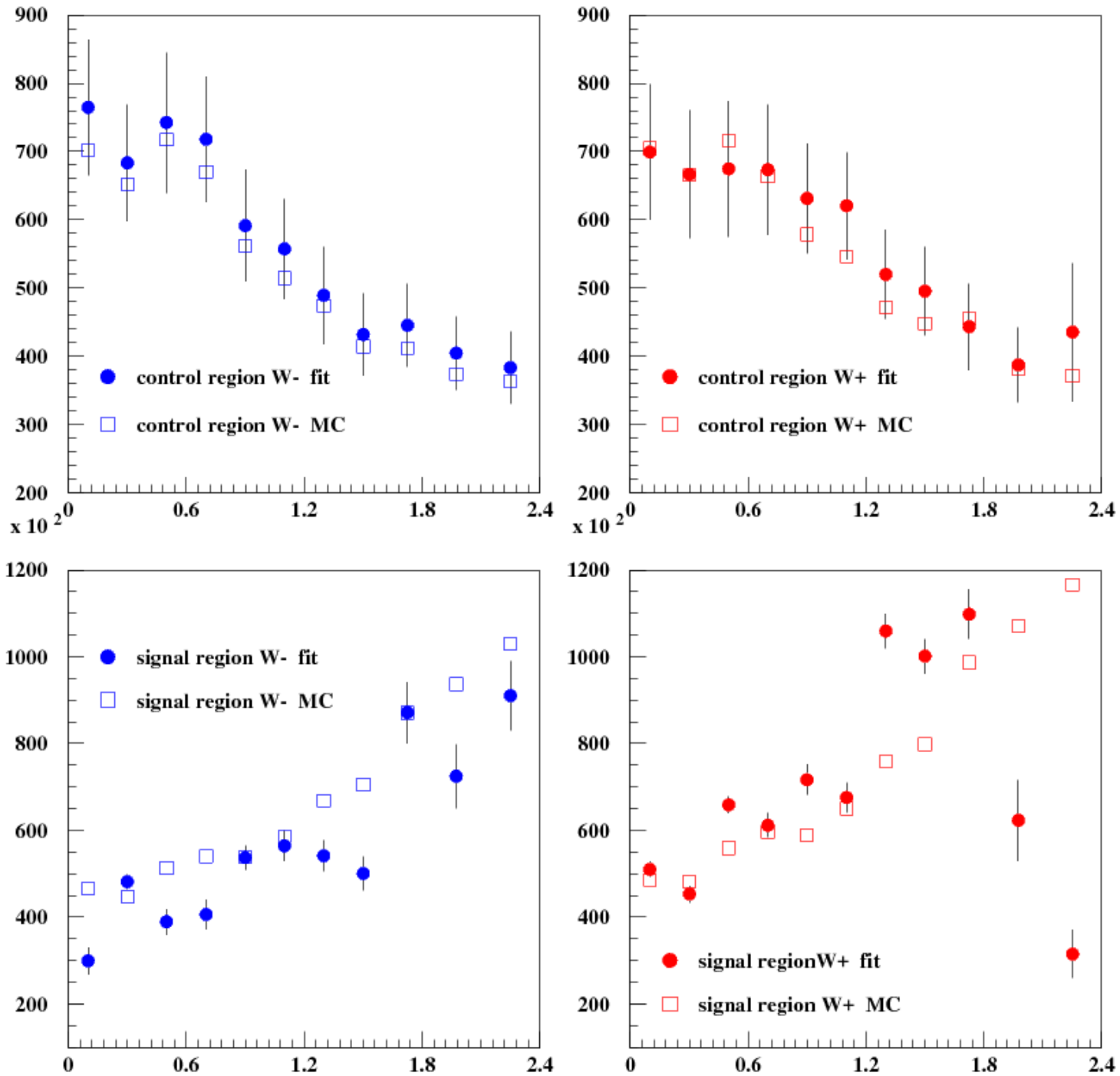
QCD+/QCD - data in signal region



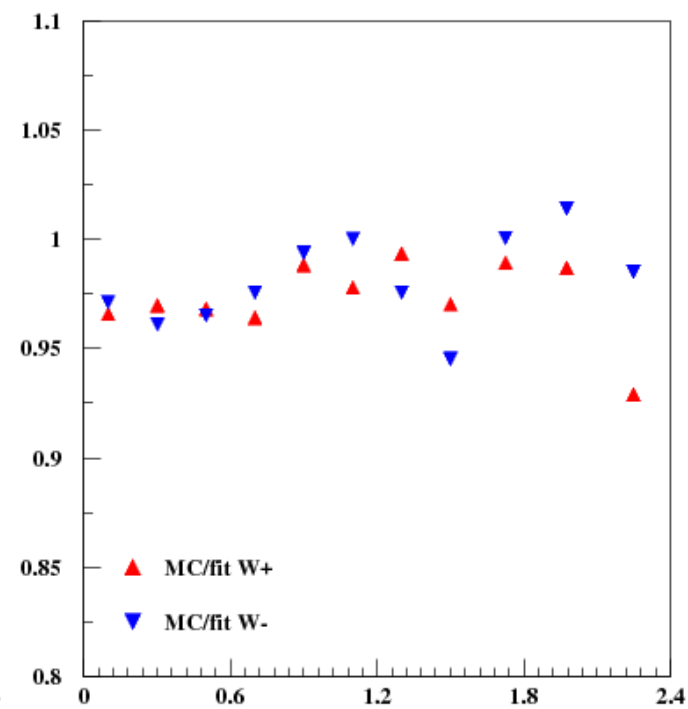
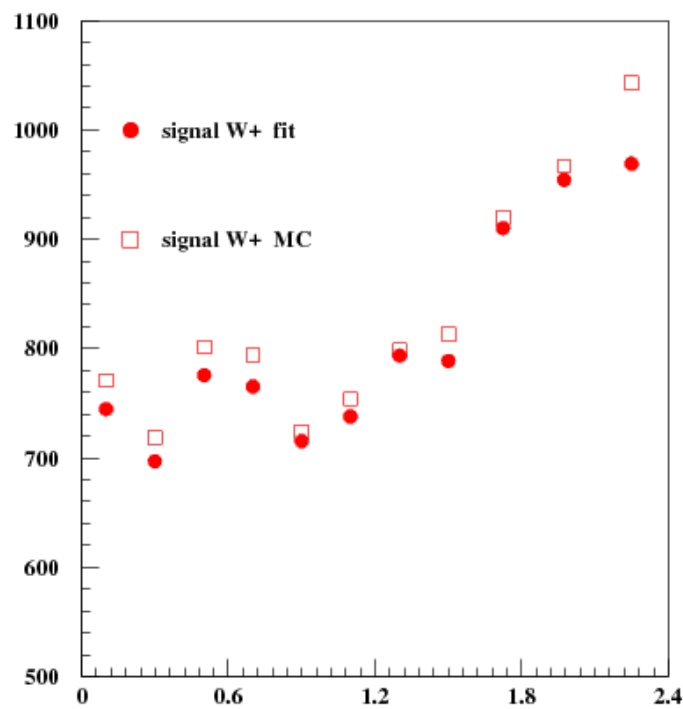
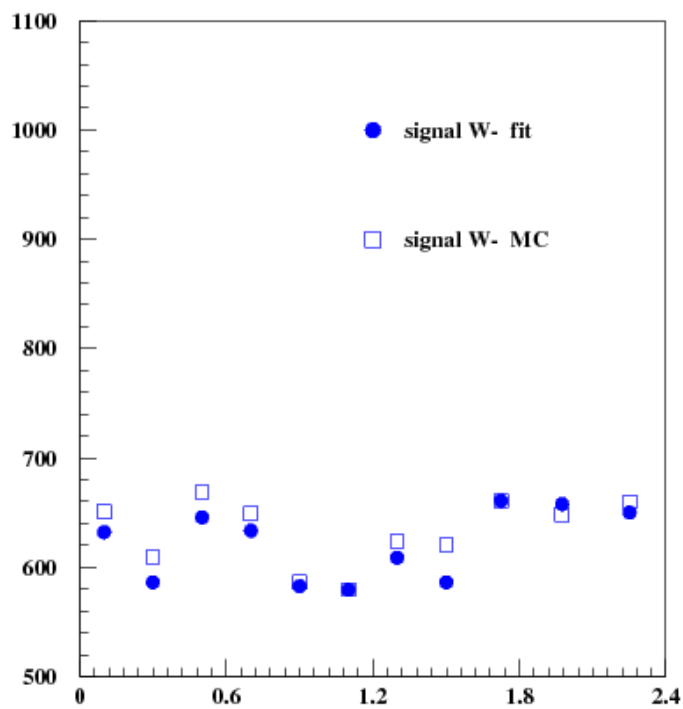
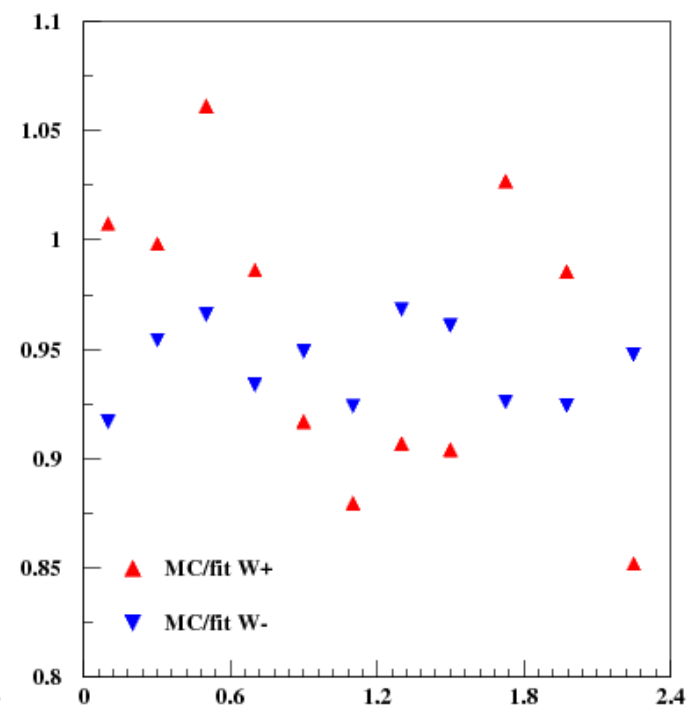
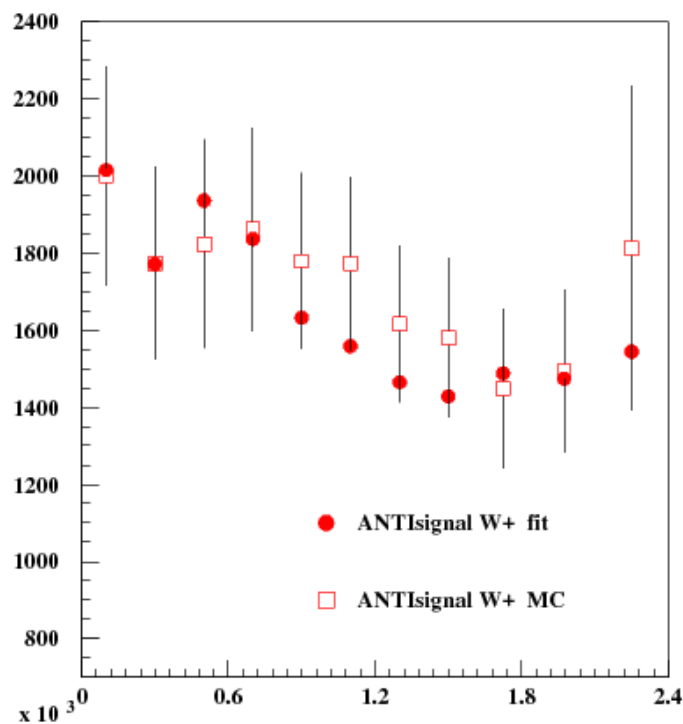
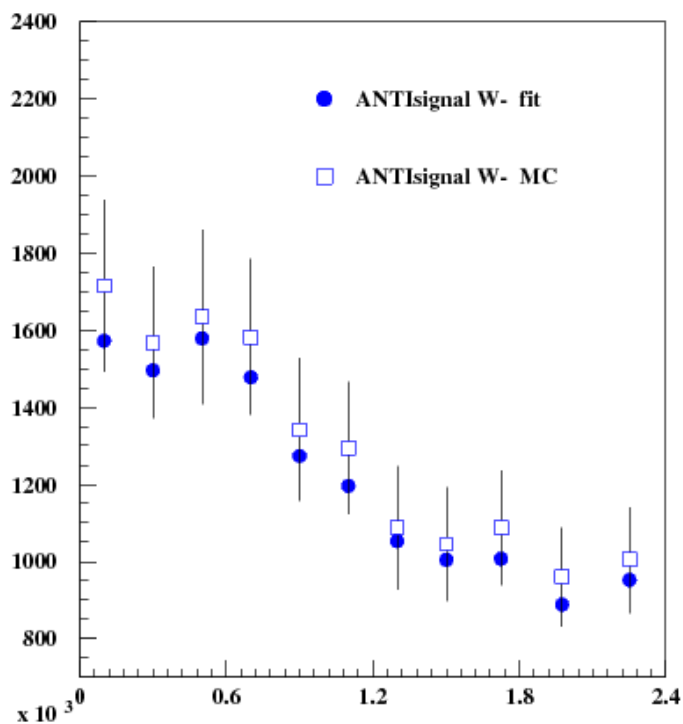
EWK / signal



EWK - number of events

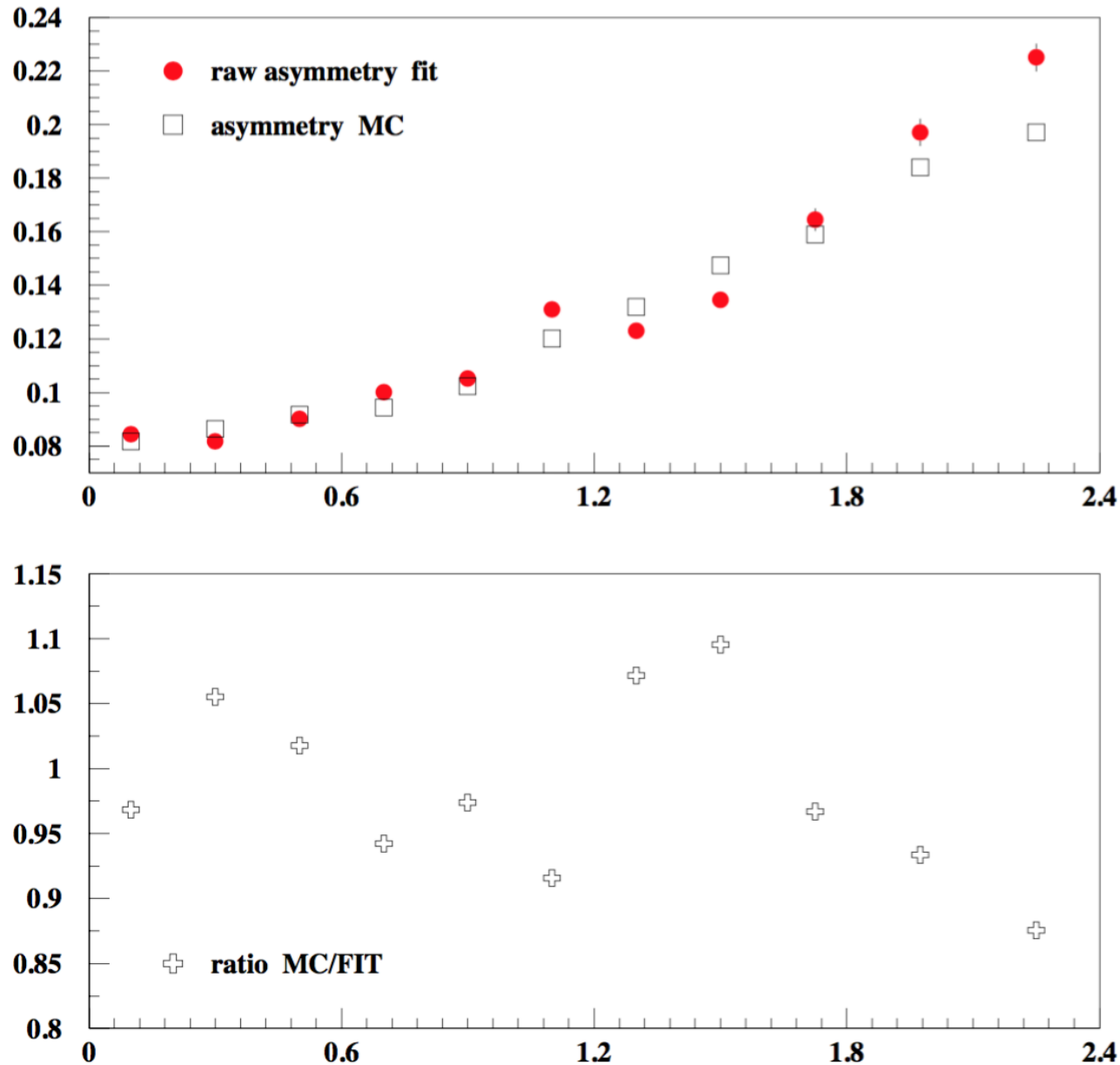


signal

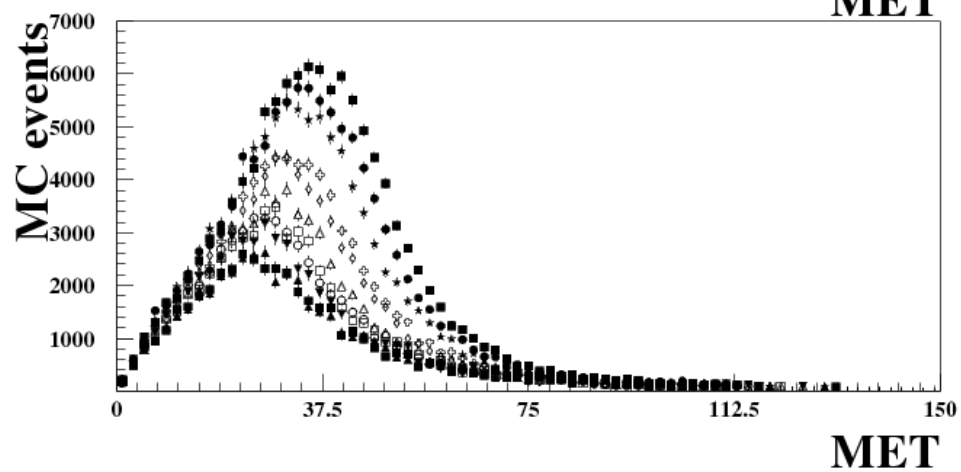
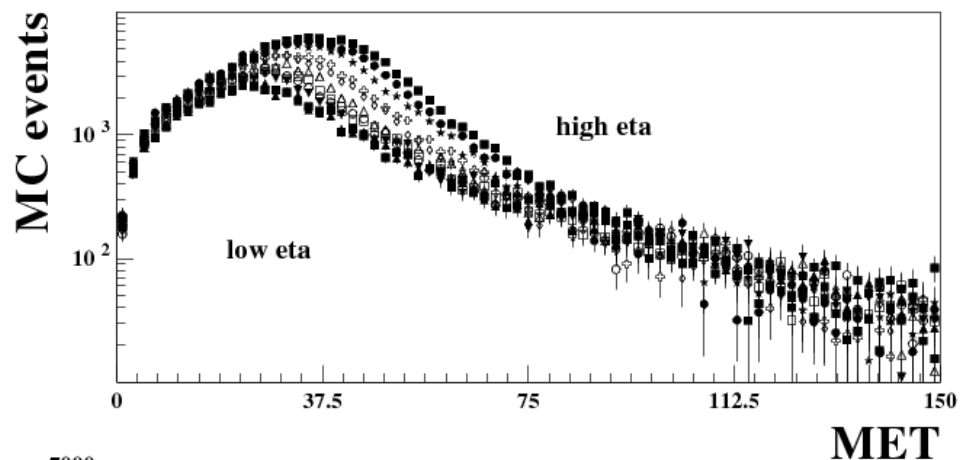


Raw asymmetry in data and MC

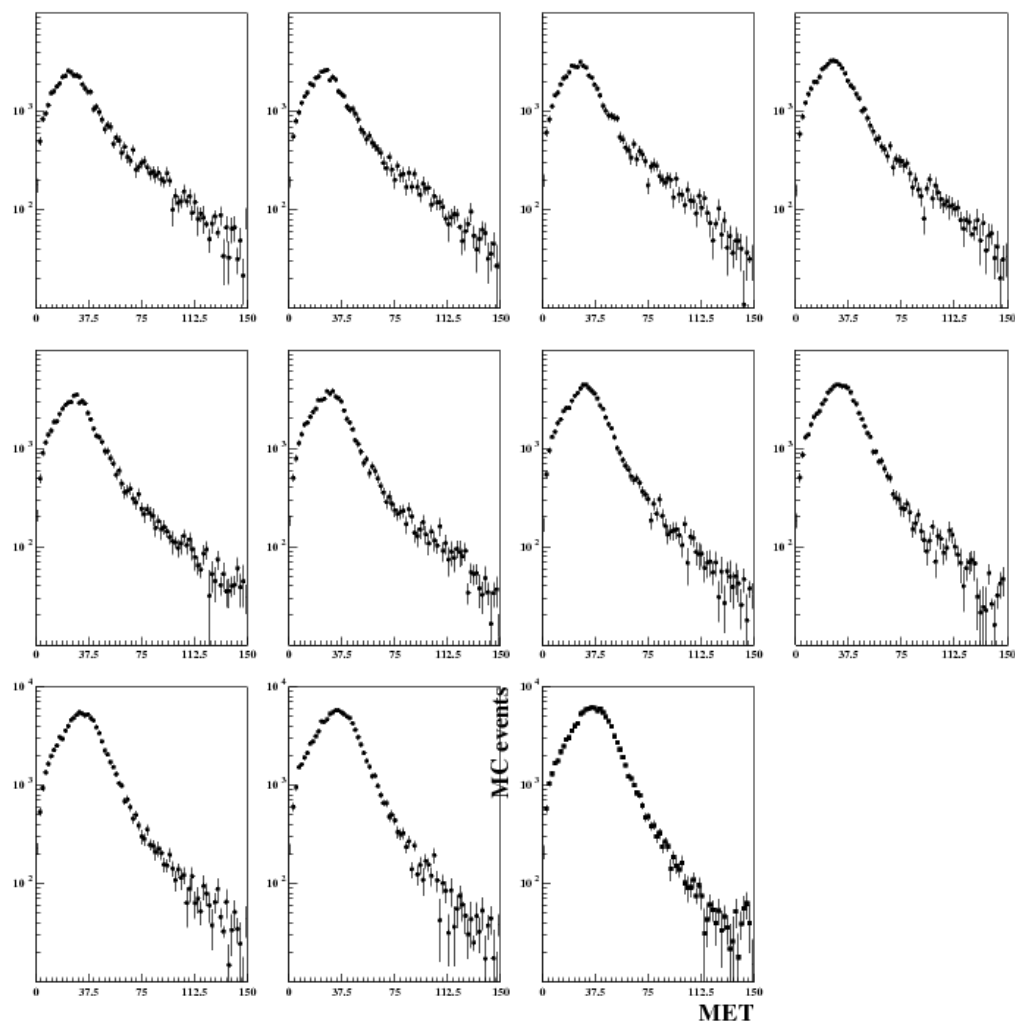
asymmetry



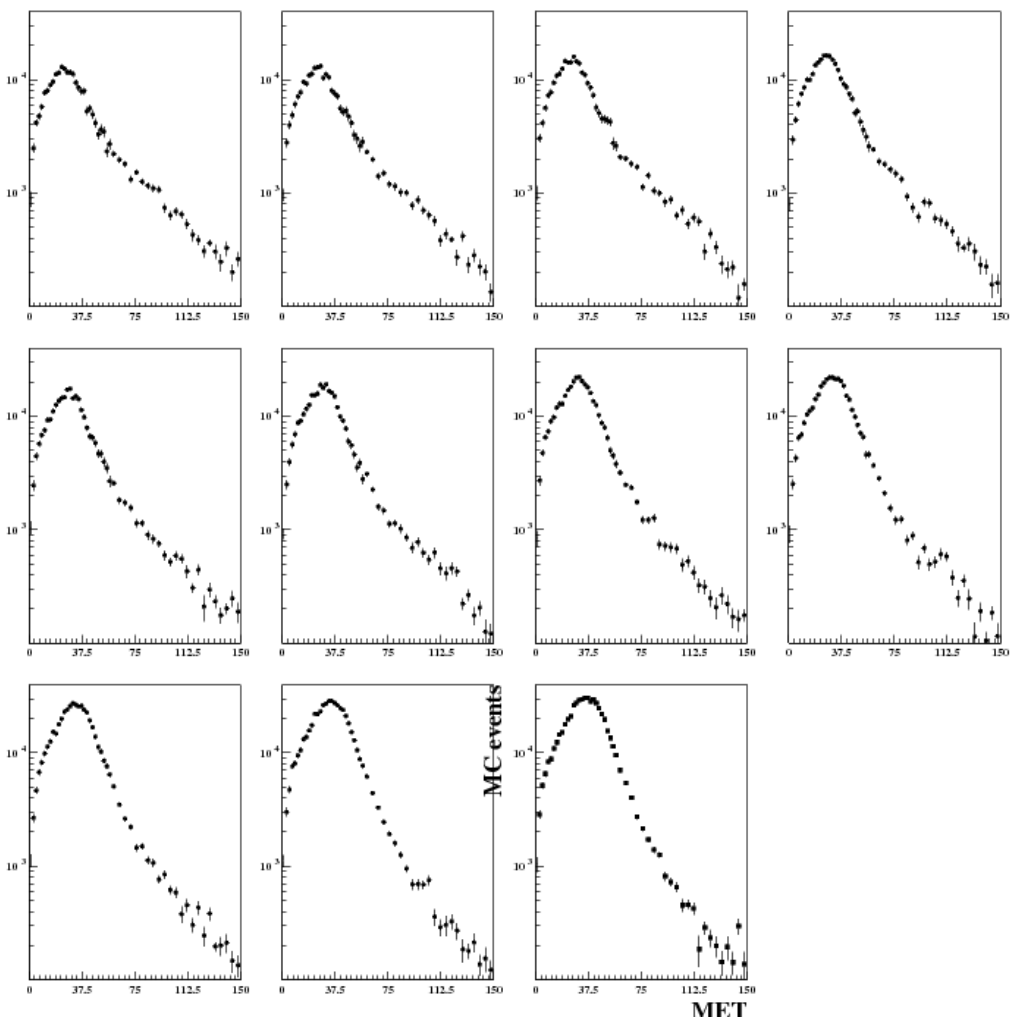
EWK MC, all eta bins



EWK MC, all eta bins



EWK MC, all eta bins



EWK MC, all eta bins

