Abstract

Events coming from CMS experiment, should meet many criteria to be selected as ttbar events. If one of the W's coming from ttbar pair, decays hadronically and the other one, decays to an electron and neutrino, the so-called semi-electronic ttbar event, should pass the criterion of having one *well identified* electron. Efficiency of such a criterion, will affect the number of observed events and should be determind as precisely as possible. It cannot be extracted using ttbar itself. Z(->ee)+jet resonances are good candidates to find this efficiency. The question that in this talk will be addressed is that if this efficiency coming from Z(->ee)+jet, is directly transportable to ttbar calculations.