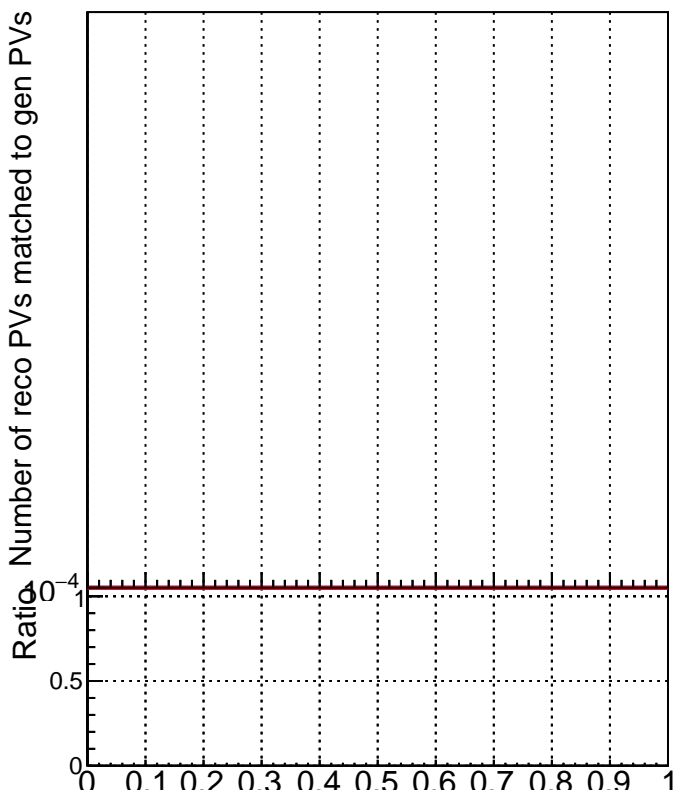
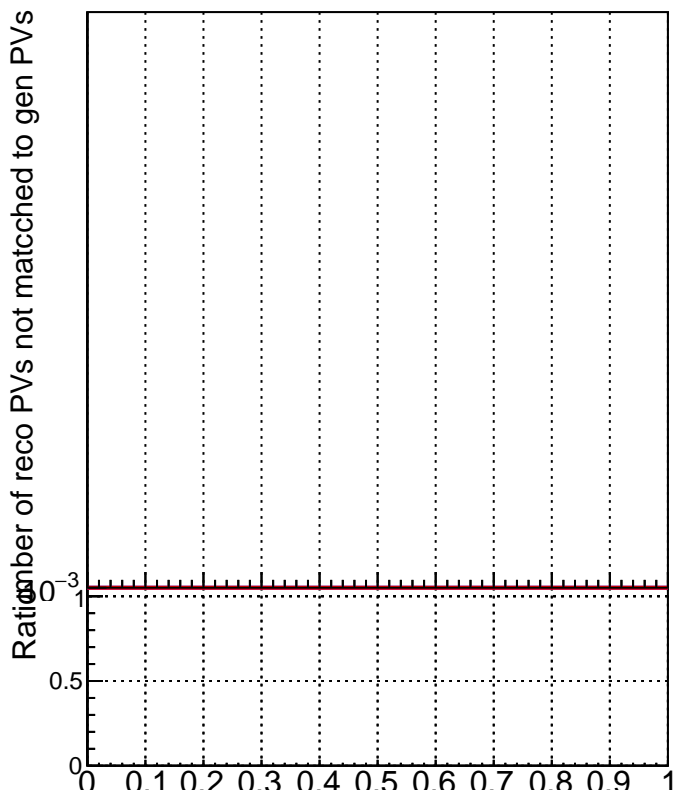


RecoPVAssoc2GenPVMatched\_Purity

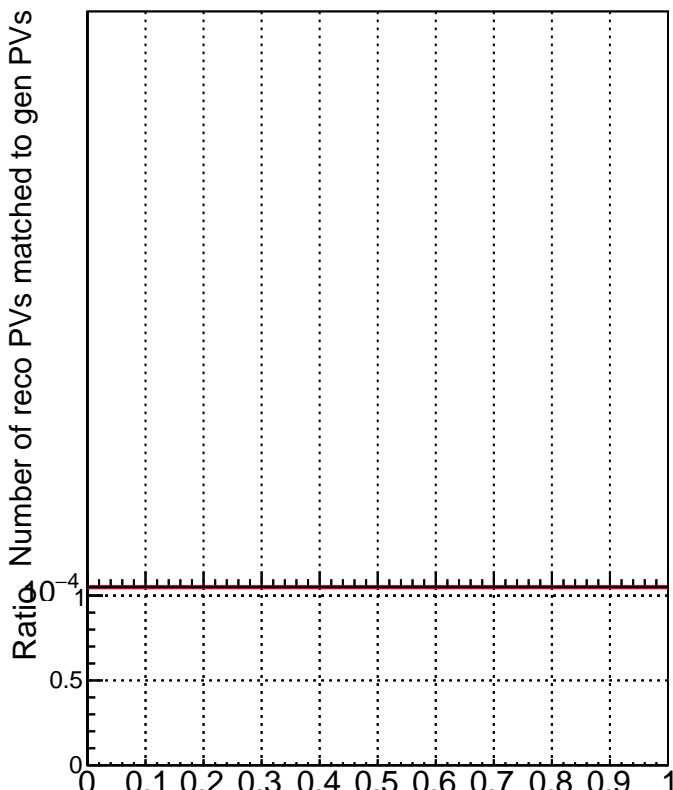


RecoPVAssoc2GenPVNotMatched\_Purity

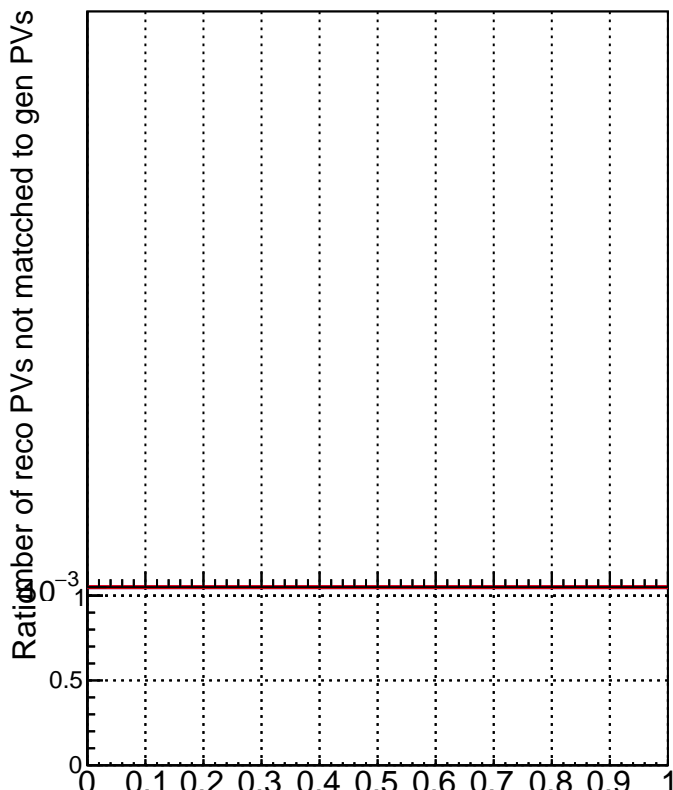


trimmed\_pata\_region\_new  
trimmed\_pata\_region

RecoPVAssoc2GenPVmatched\_missing



RecoPVAssoc2GenPVnotmatched\_missing



$p_T$  associated to gen PV "missing" from reco PV

$p_T$  associated to gen PV "missing" from reco PV