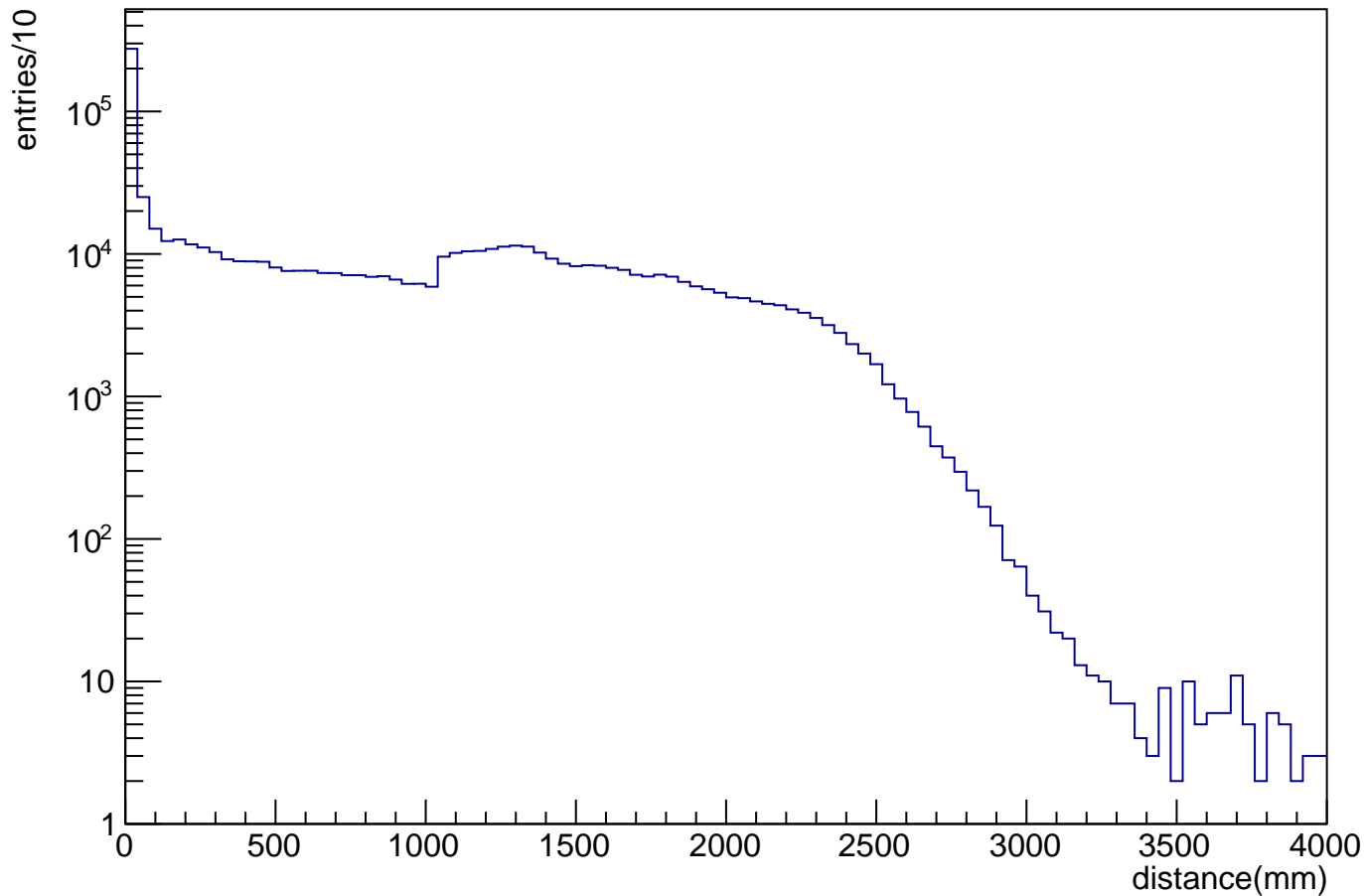
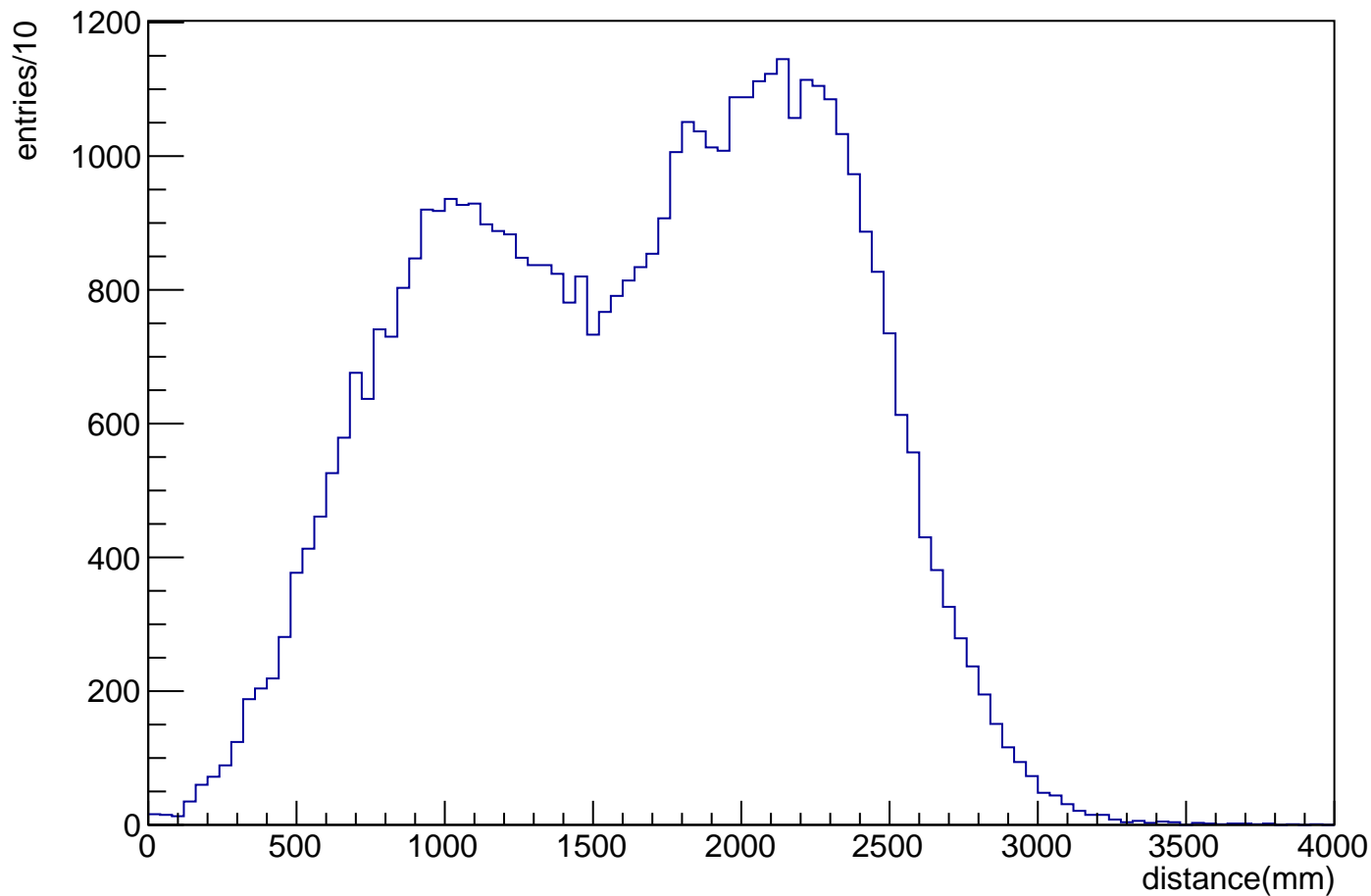


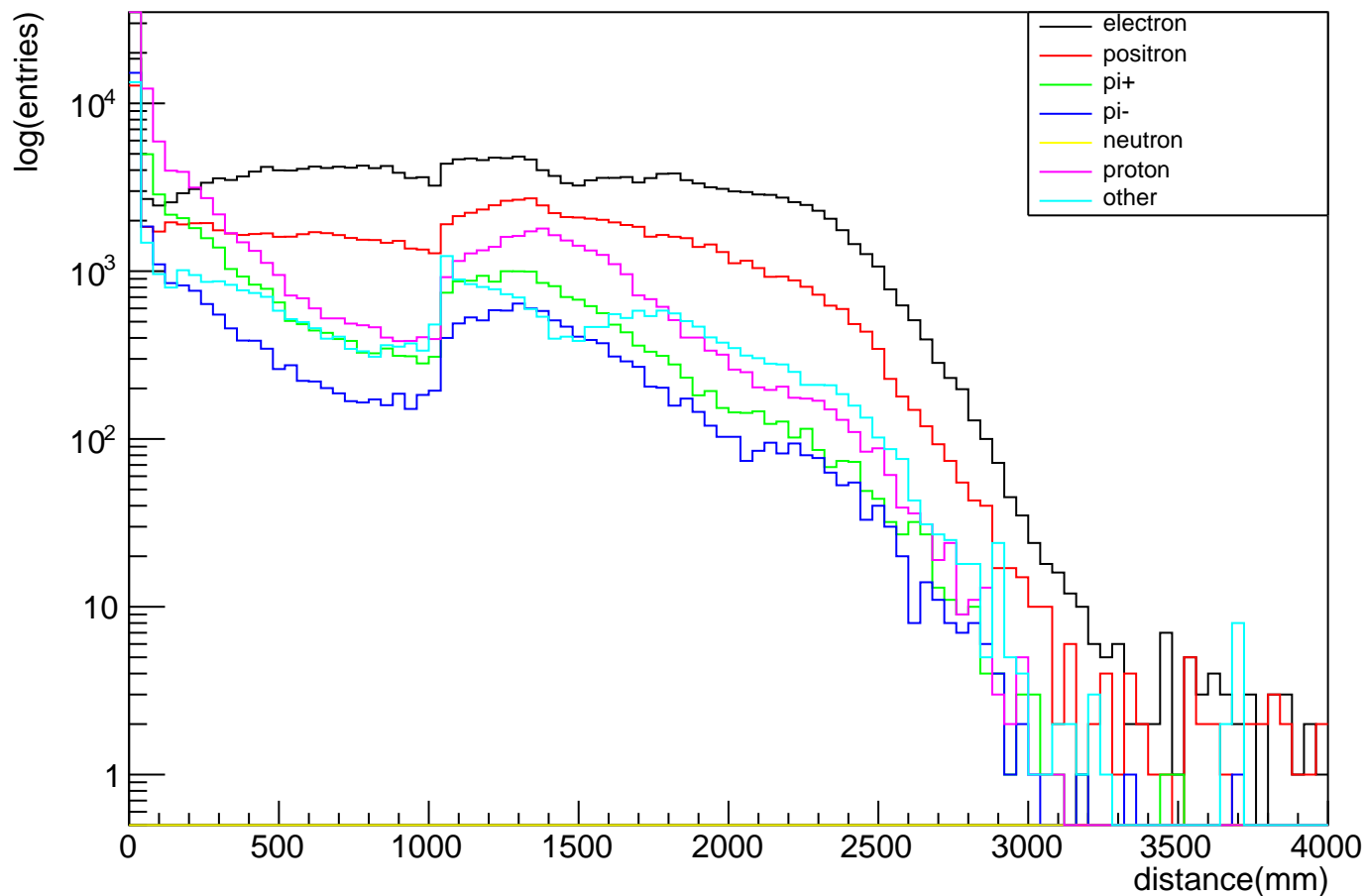
Distance to muon candidate for tracks originating from same interaction vertex



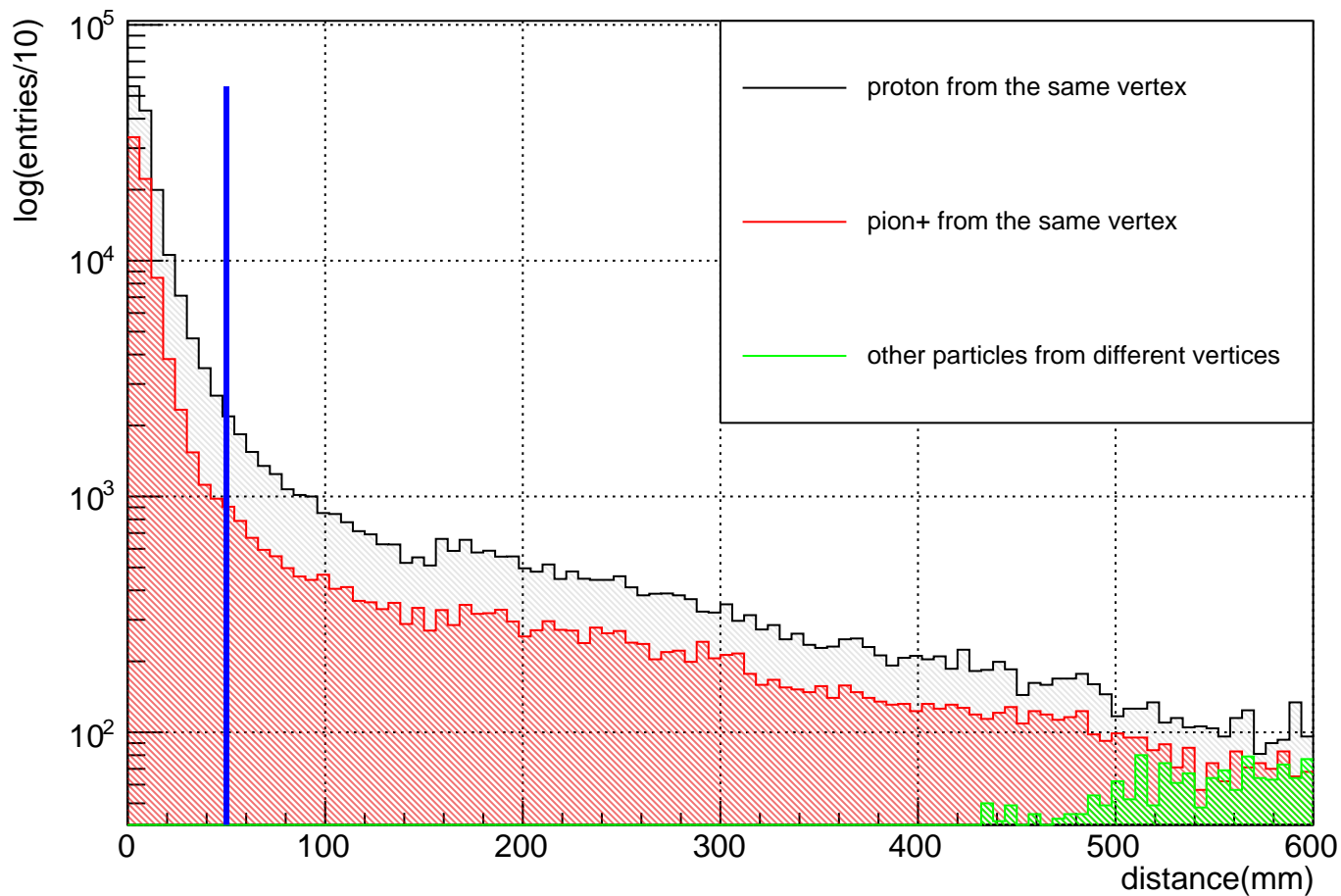
Distance to muon candidate for tracks originating from different interaction vertex



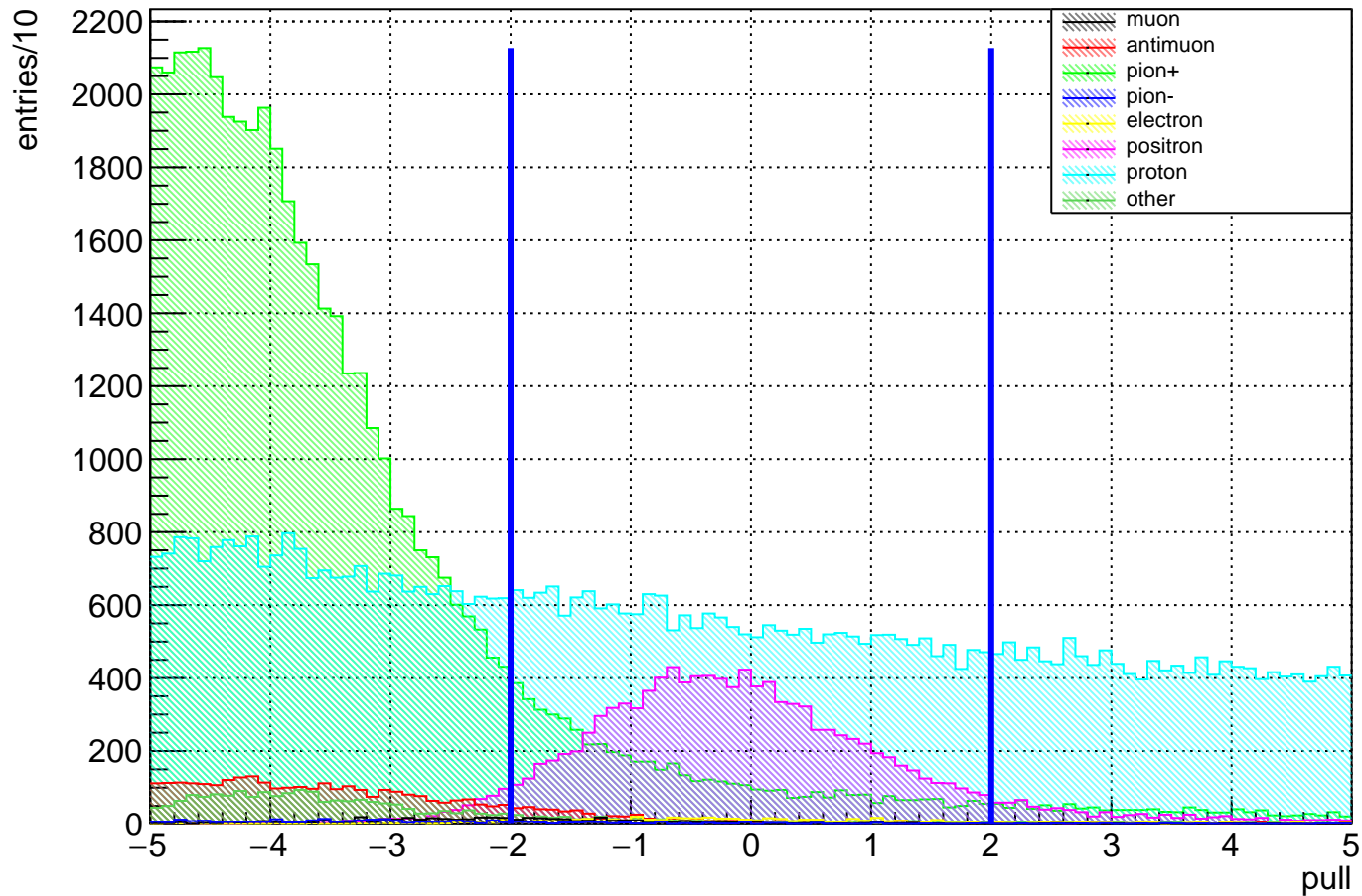
Distance to muon candidate from the same interaction vertex for candidate particles



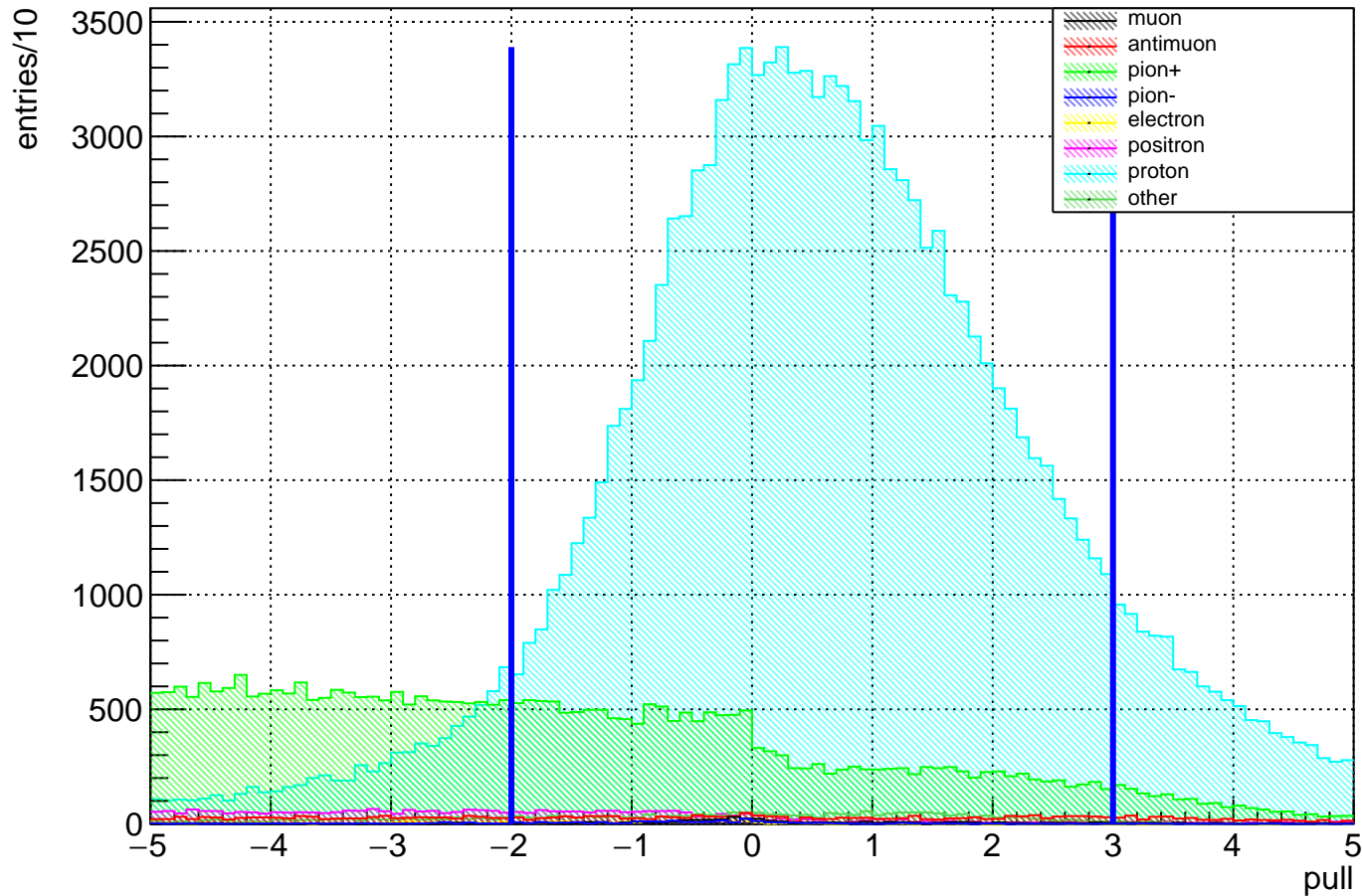
Distance Cut



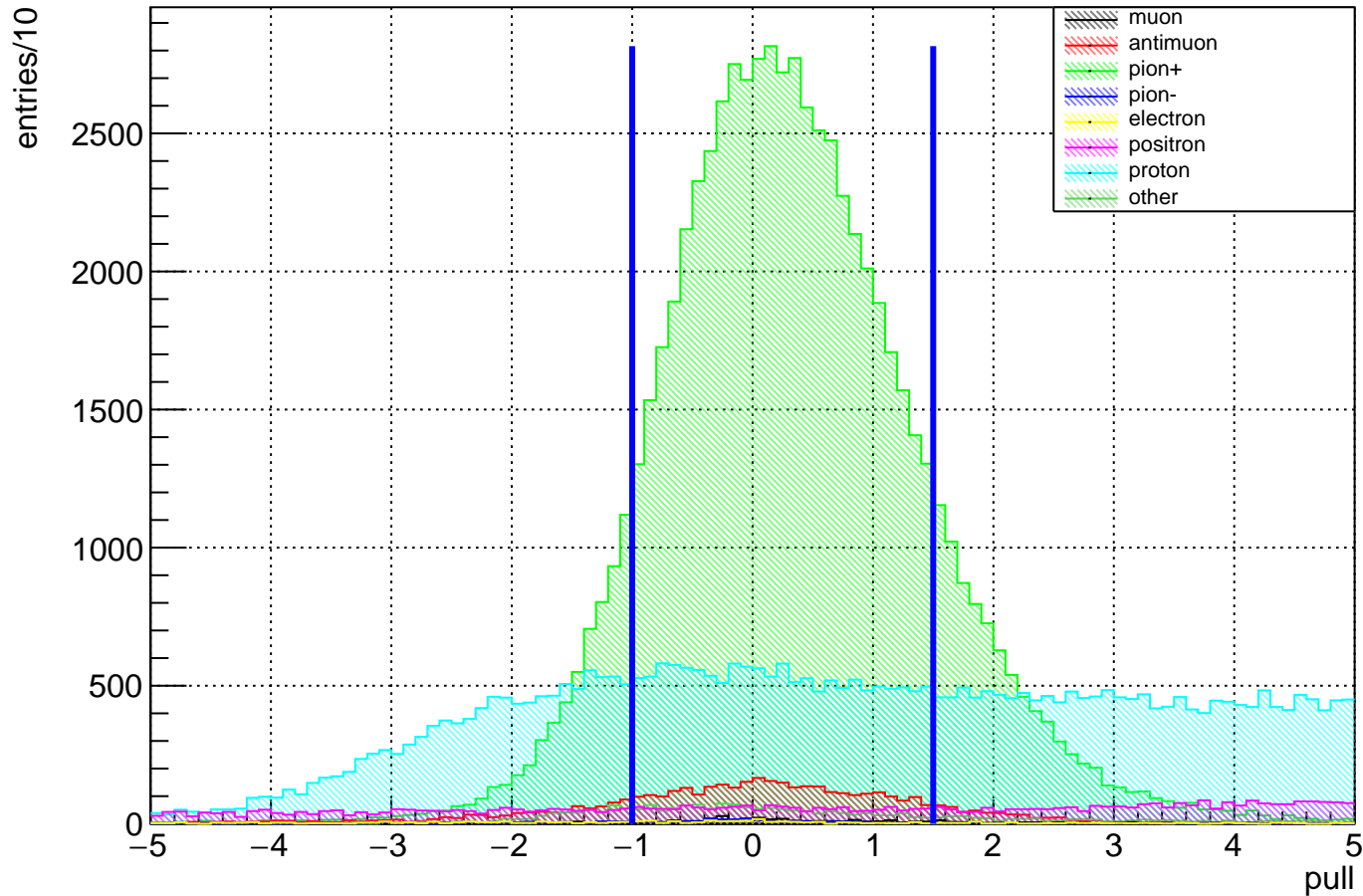
Electron pull, positive charge



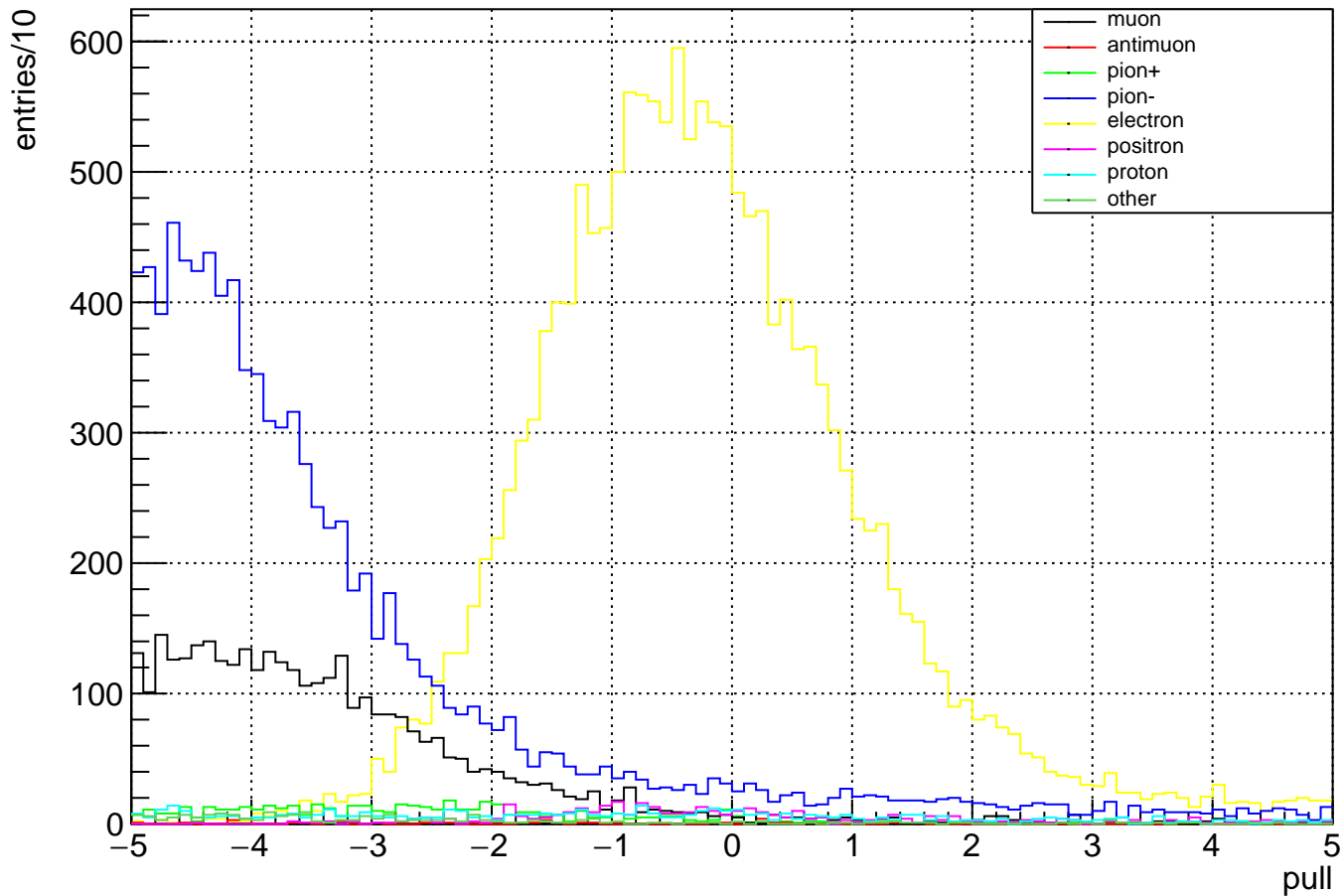
Proton pull, positive charge



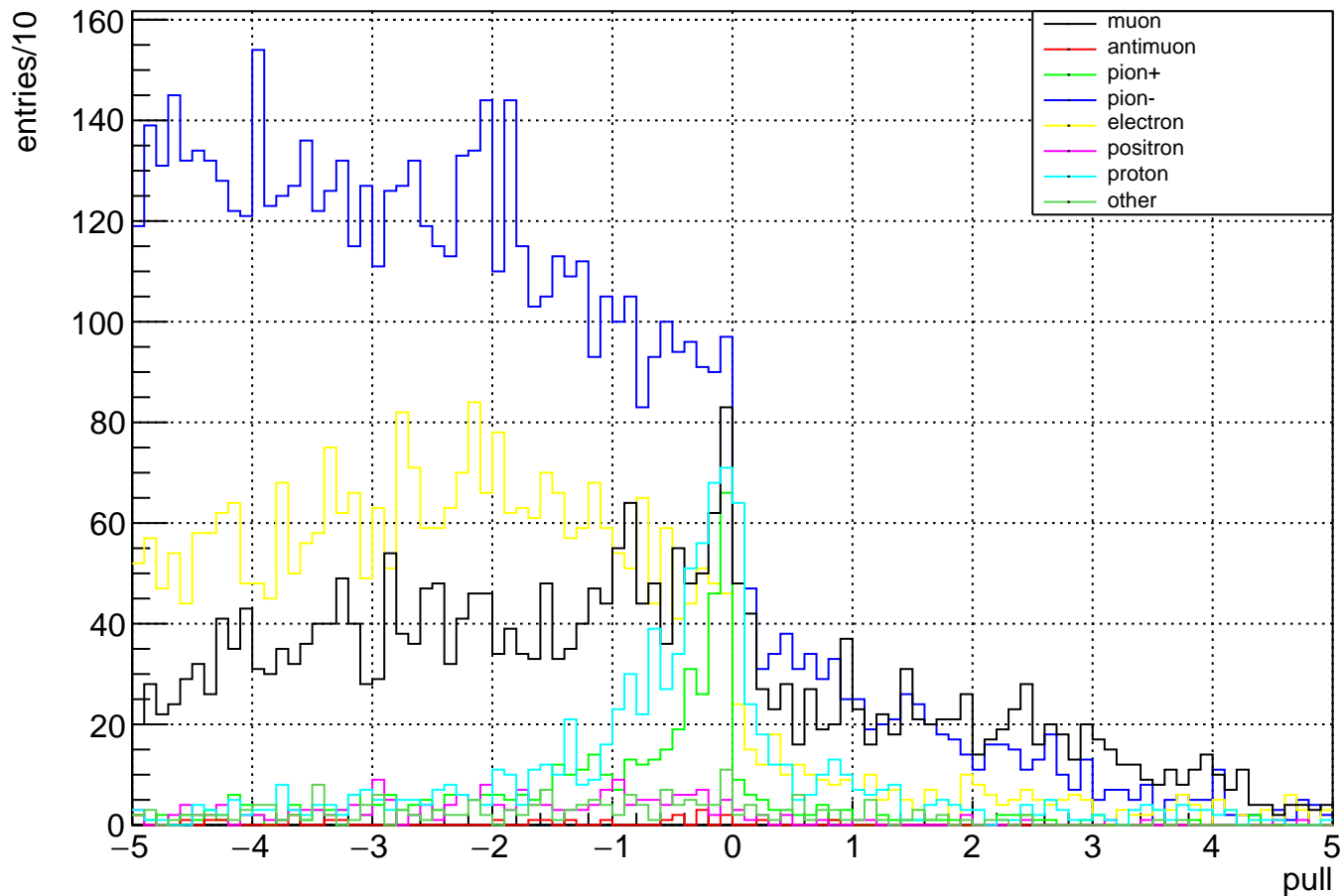
Pion pull, positive charge



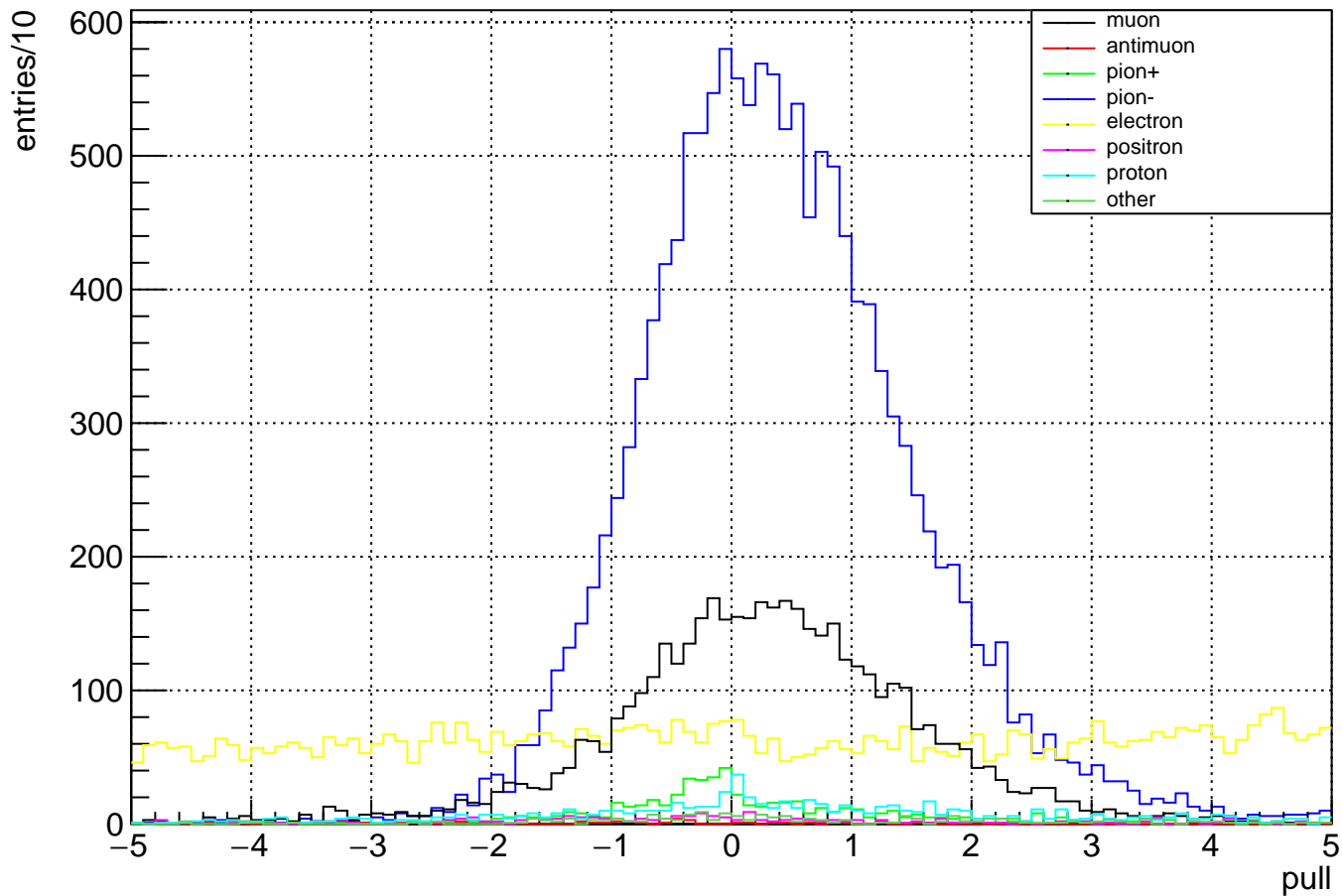
Electron pull, negative charge



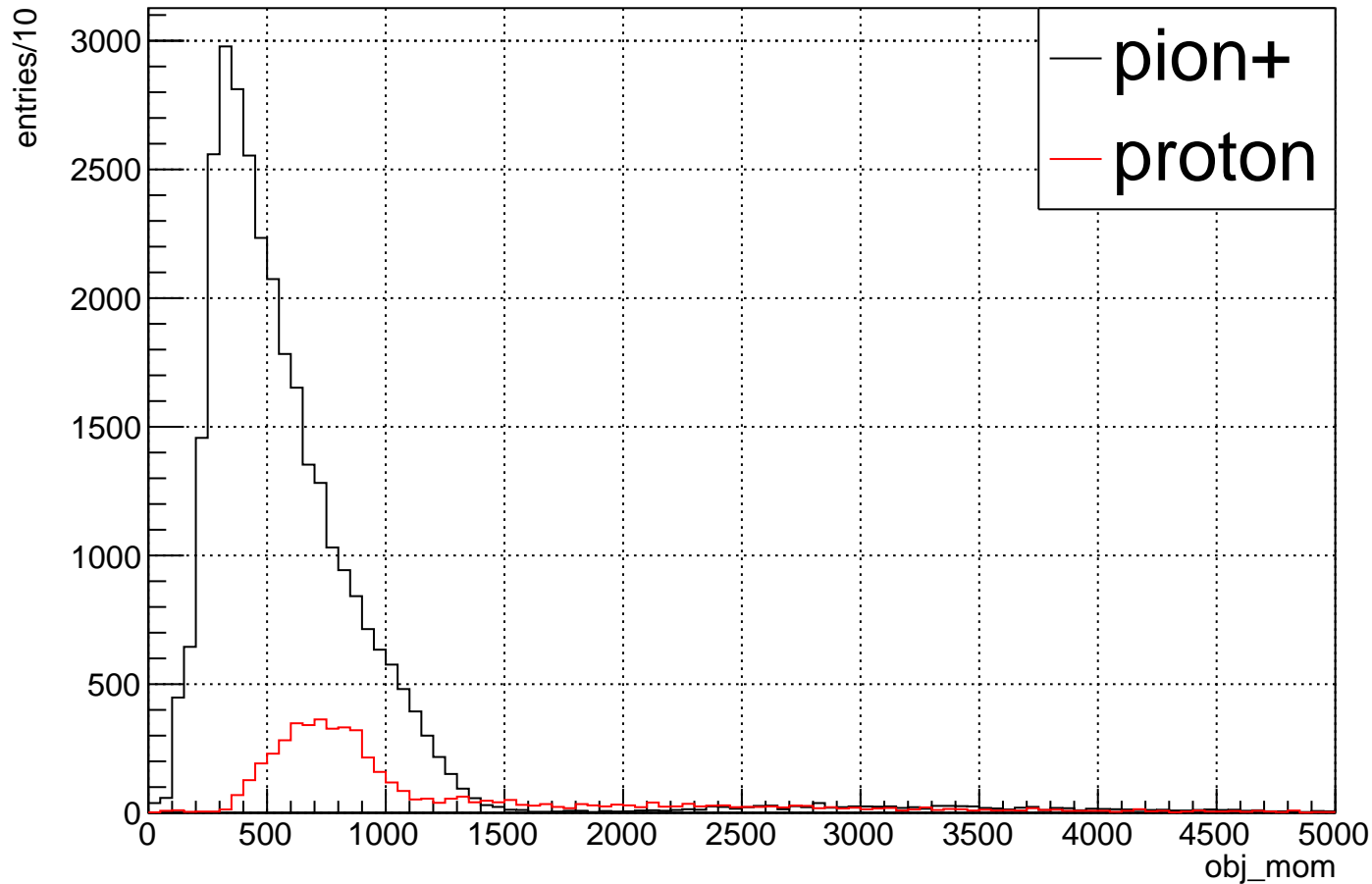
Proton pull, negative charge



Pion pull, negative charge



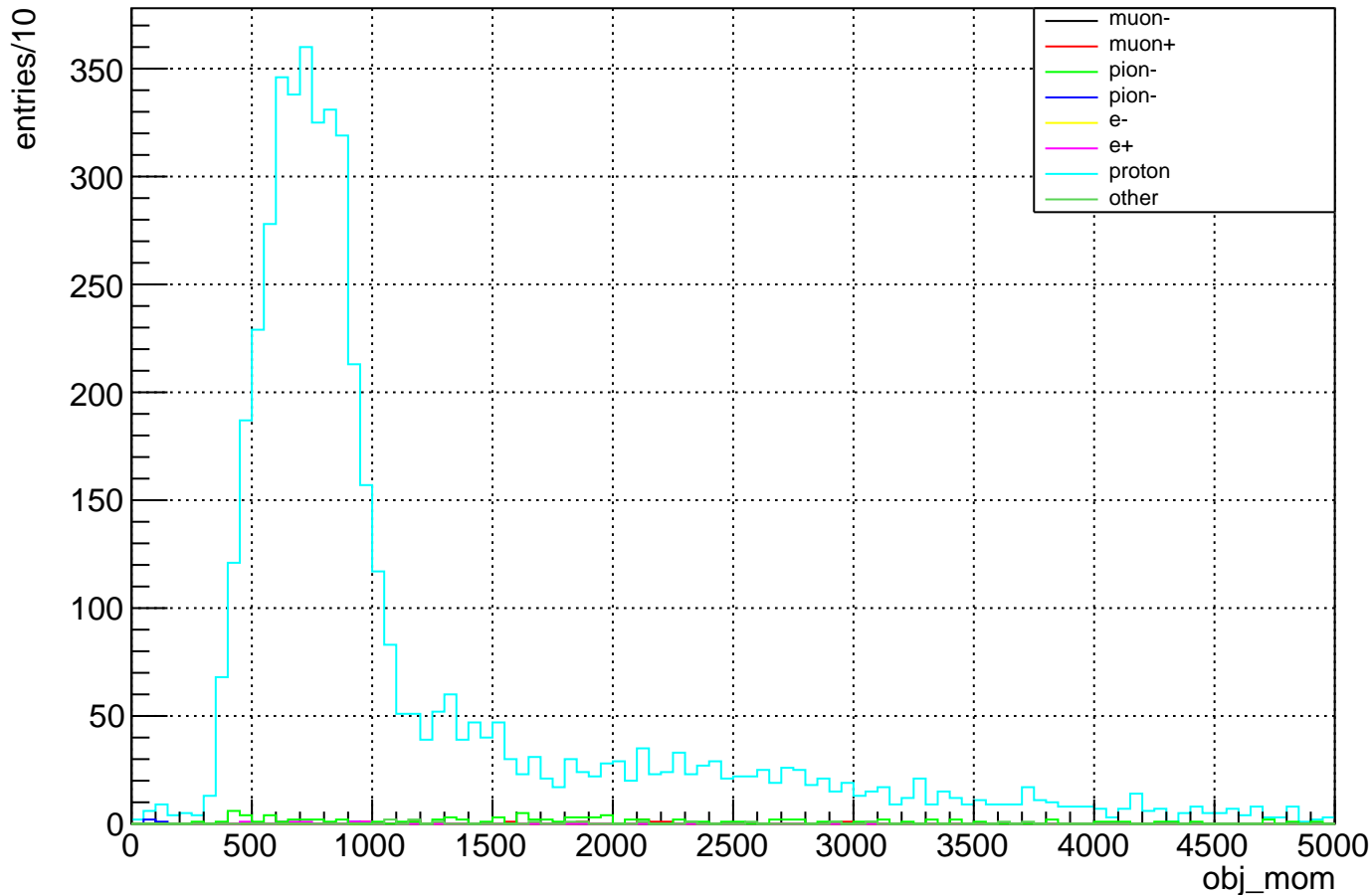
momentum of candidates



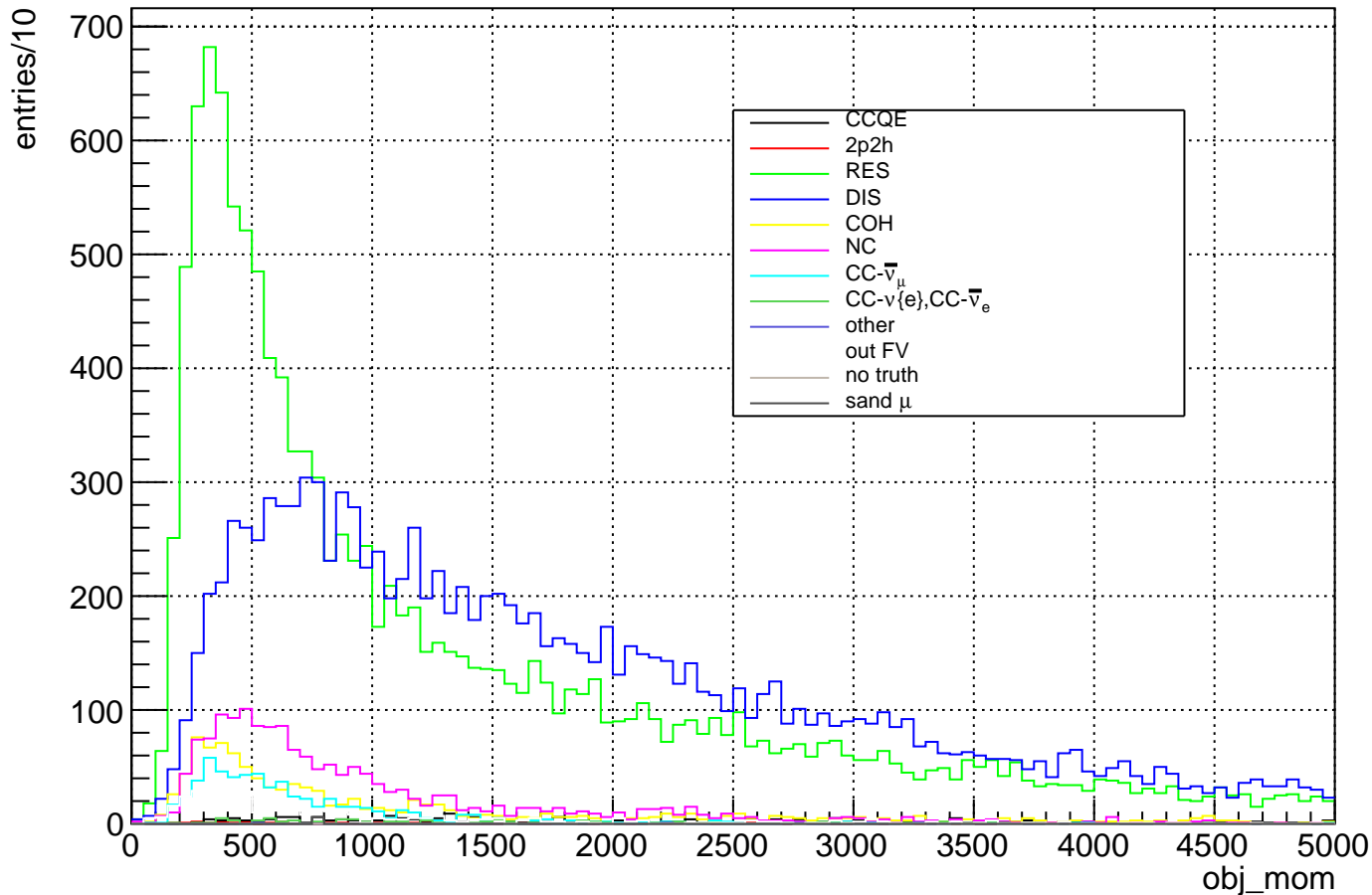
momentum of pion+ candidates for different true particle types



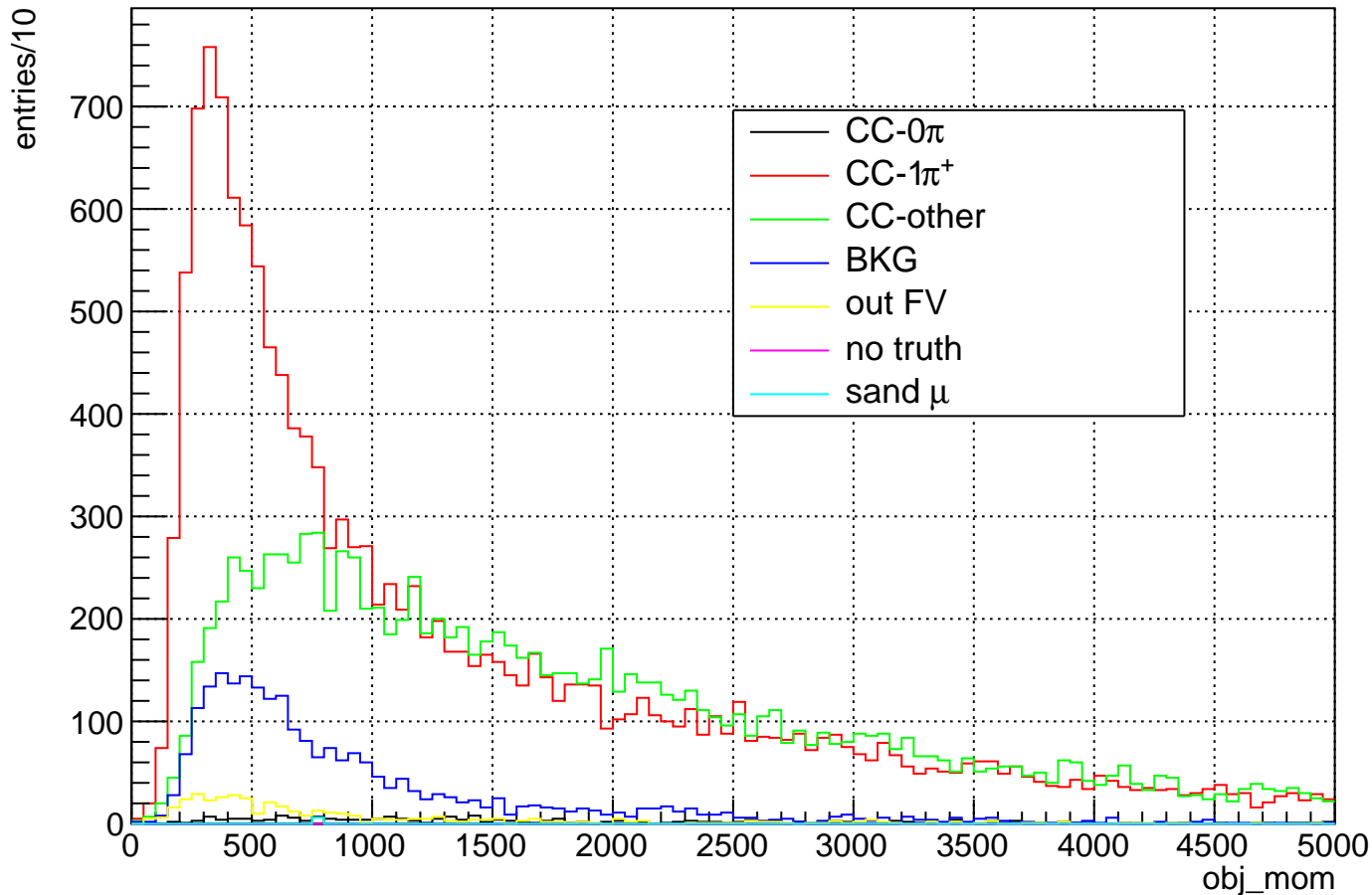
momentum of proton candidates for different true particle types



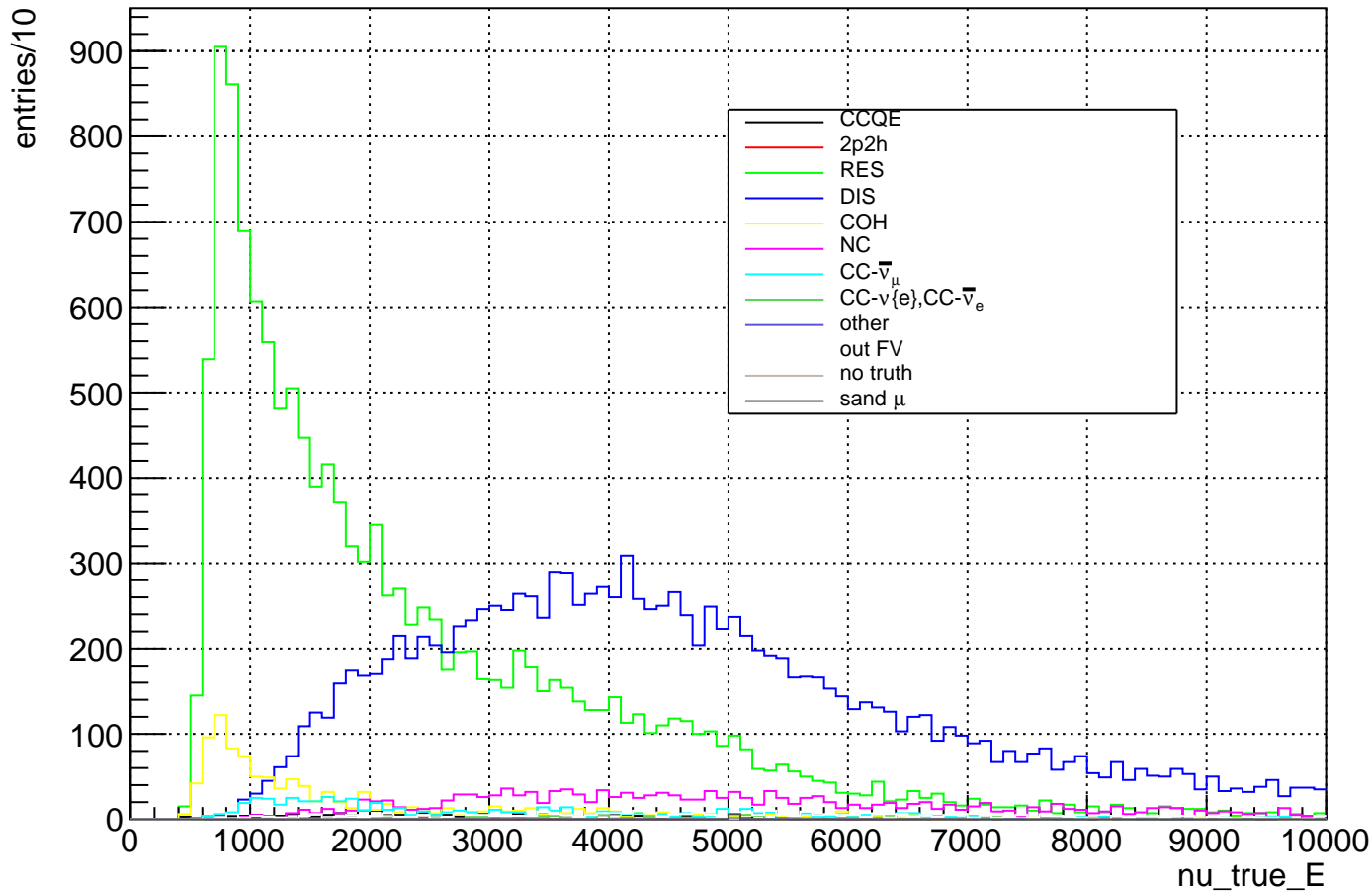
muon candidate momentum for different primary neutrino reaction types



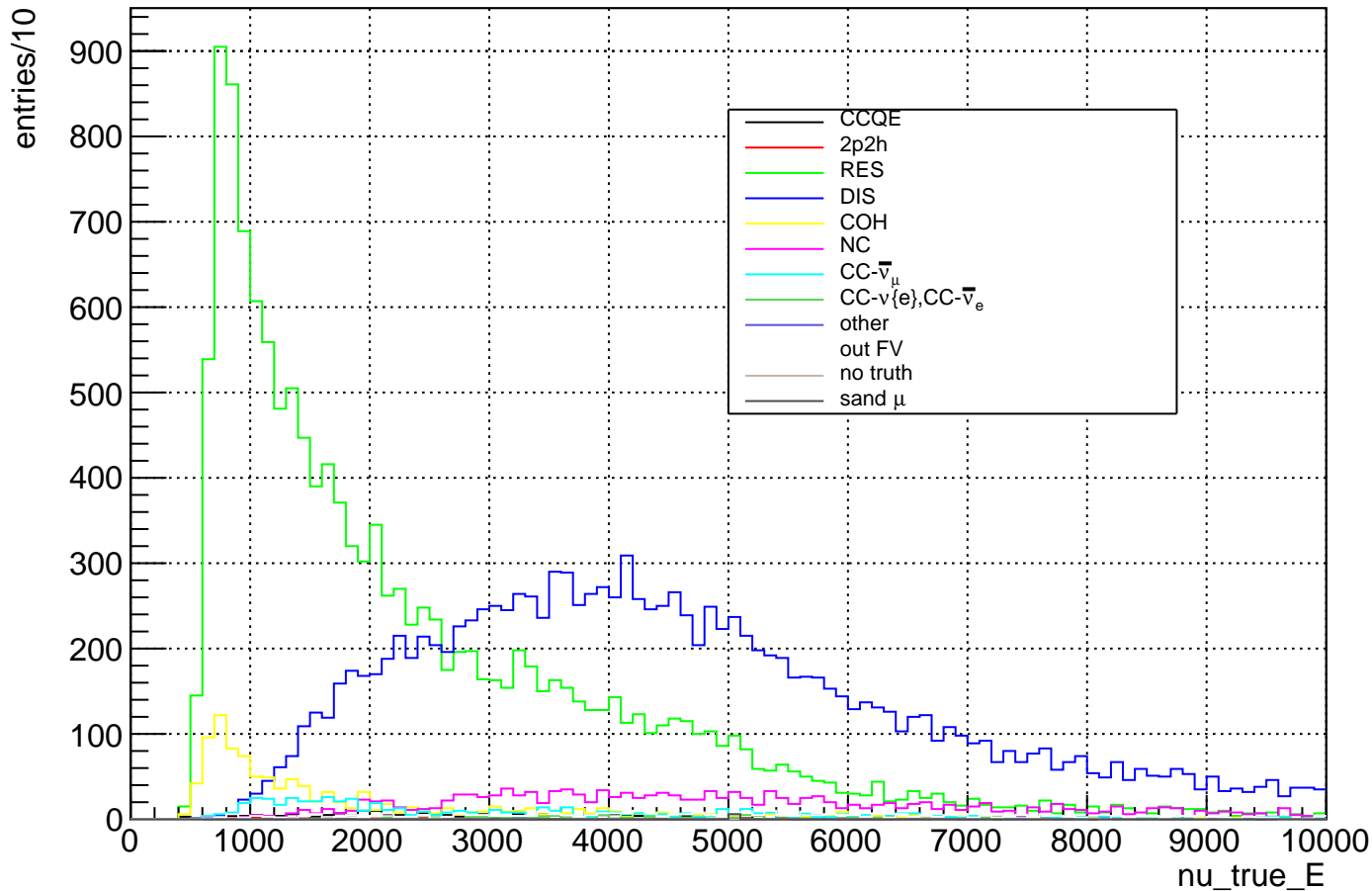
muon candidate momentum for different topologies



Neutrino energy for different primart neutrino reaction types



Neutrino energy for different primart neutrino reaction types



Neutrino energies for different topologies

