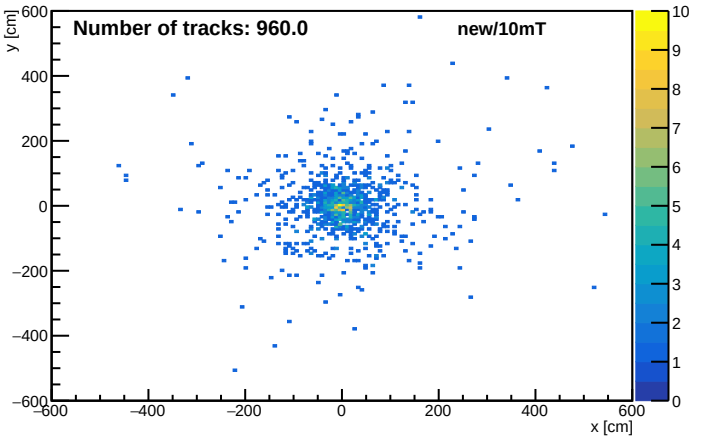
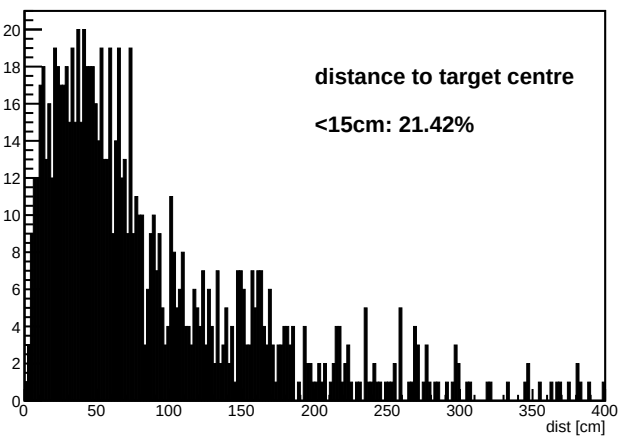
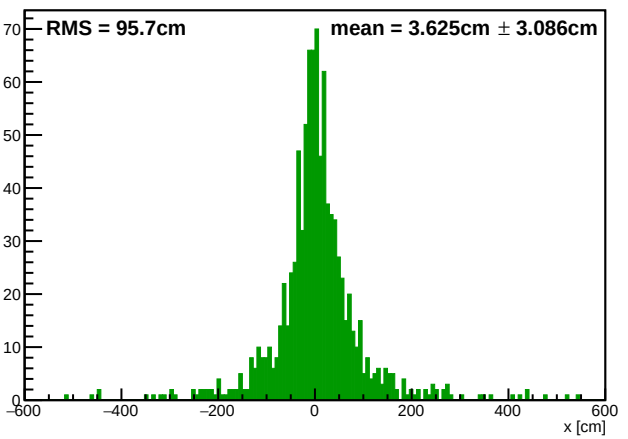
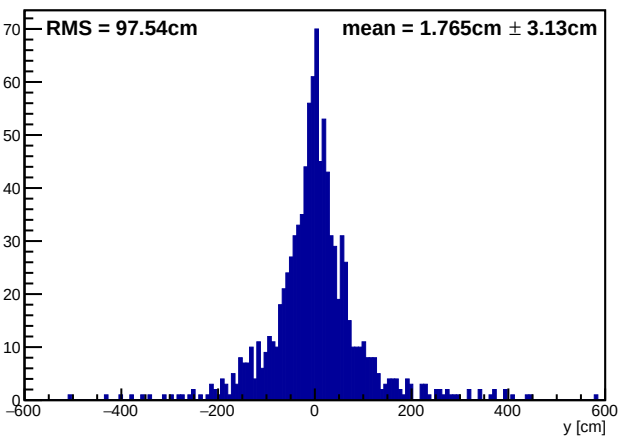
x:y at target (μ^- reco)



μ^- dist to target (reco)



x projection of μ^- positions at target



y projection of μ^- positions at target