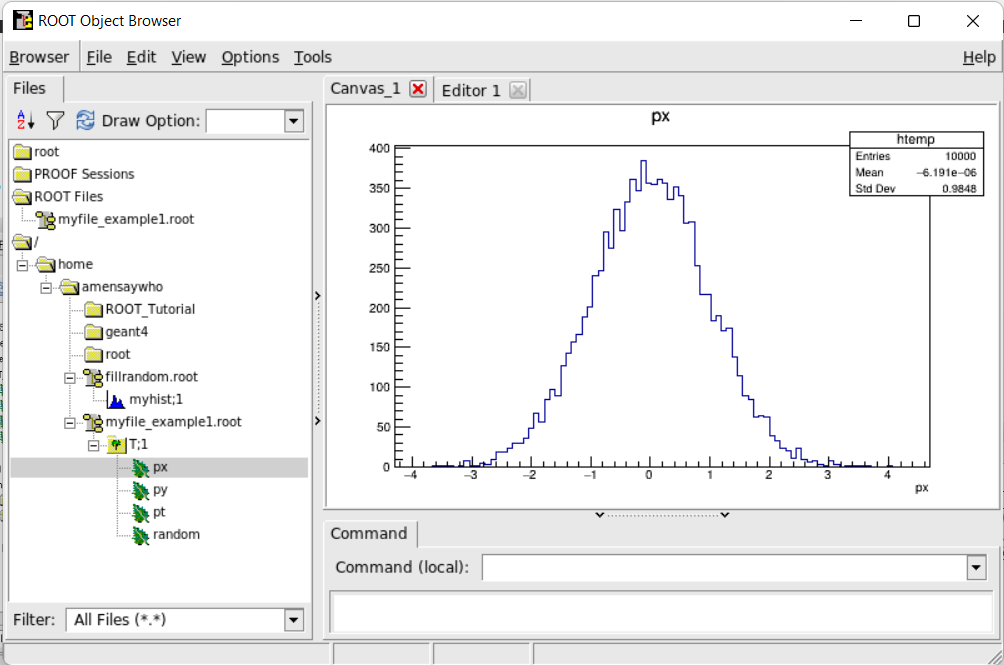
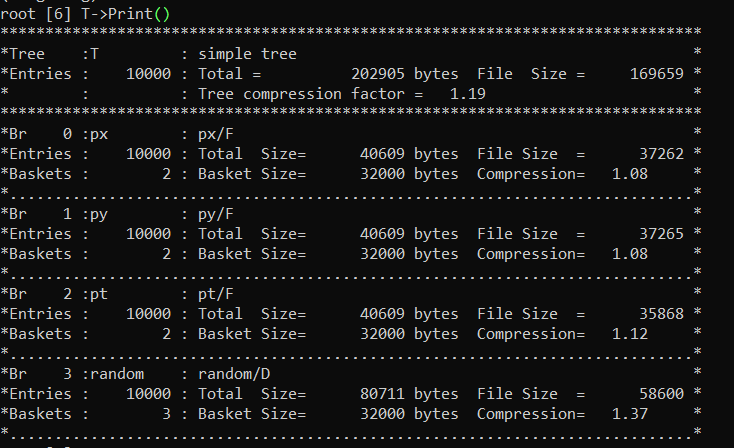
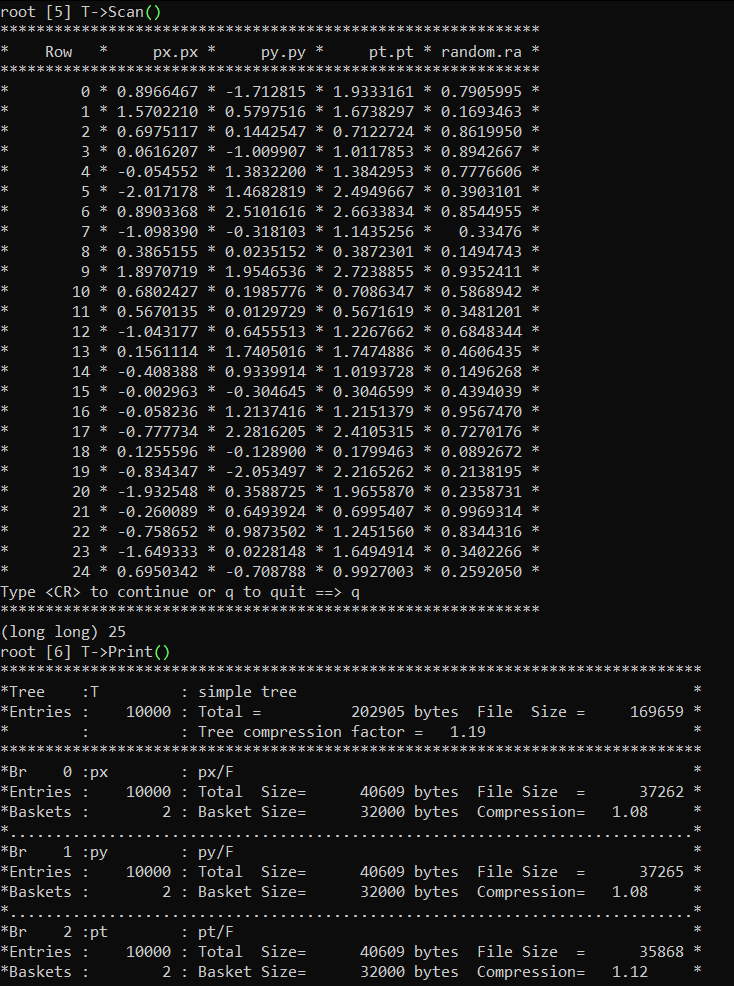
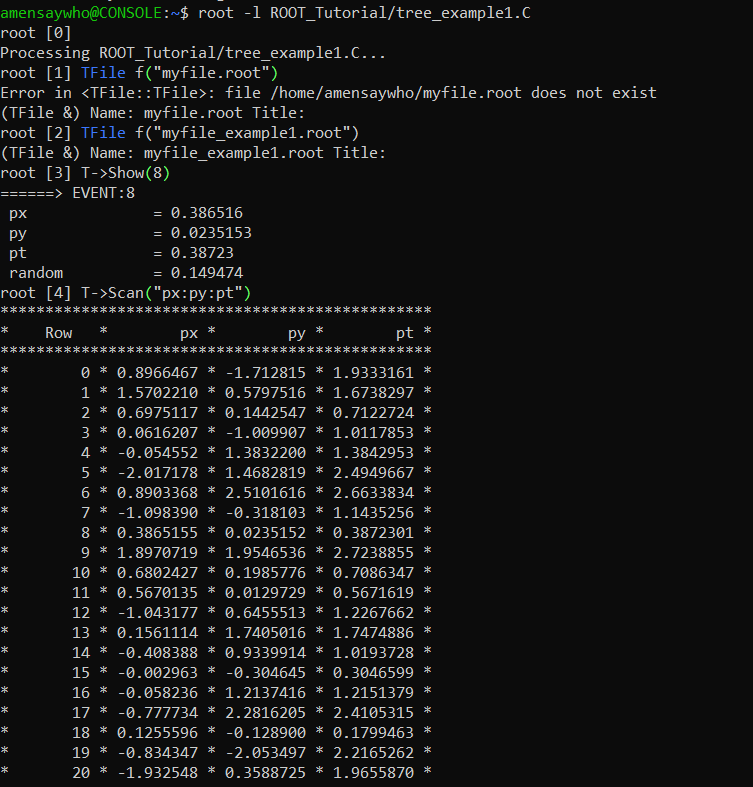
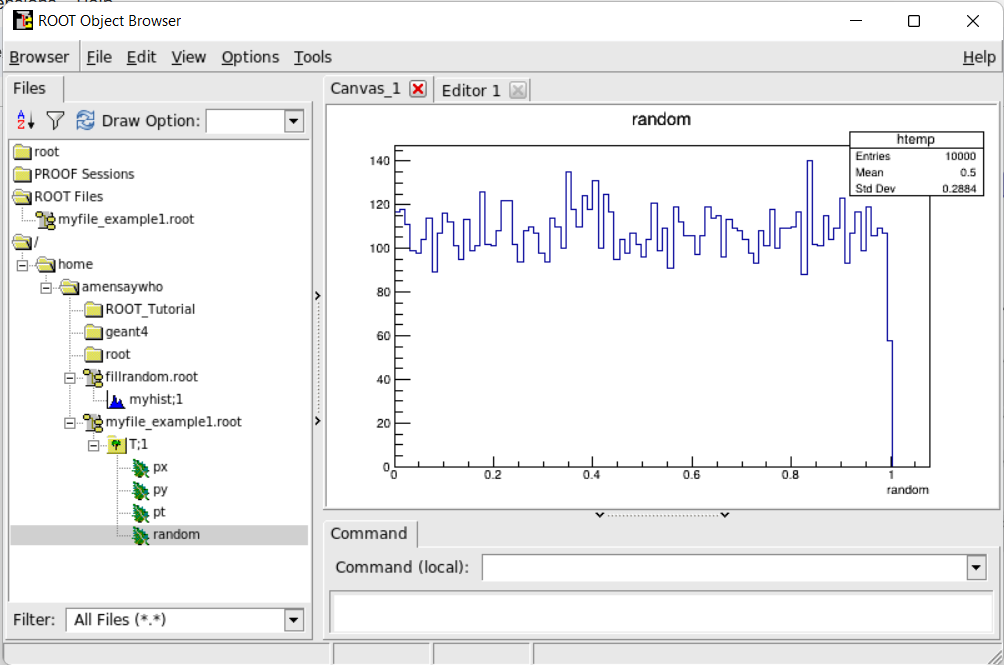
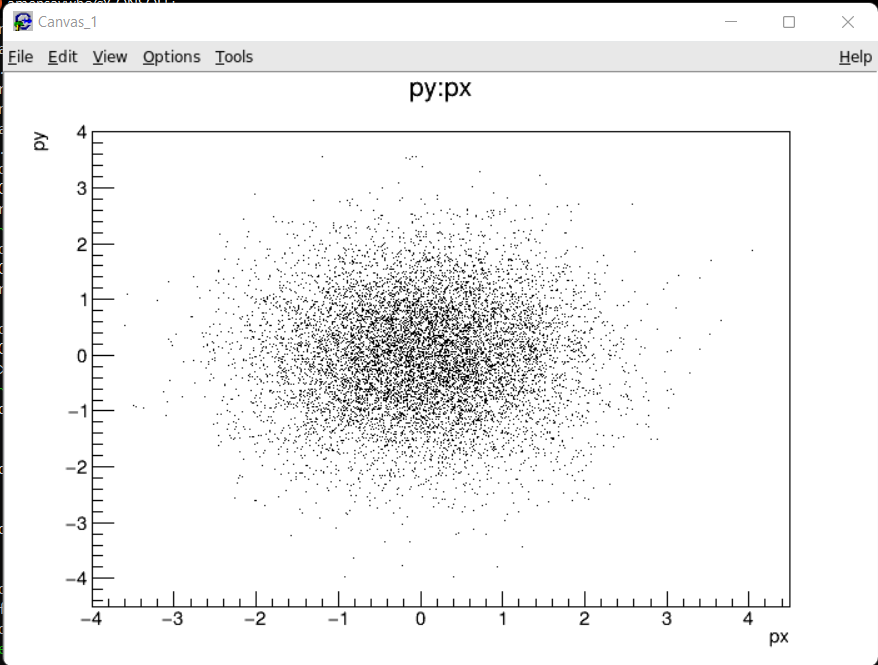
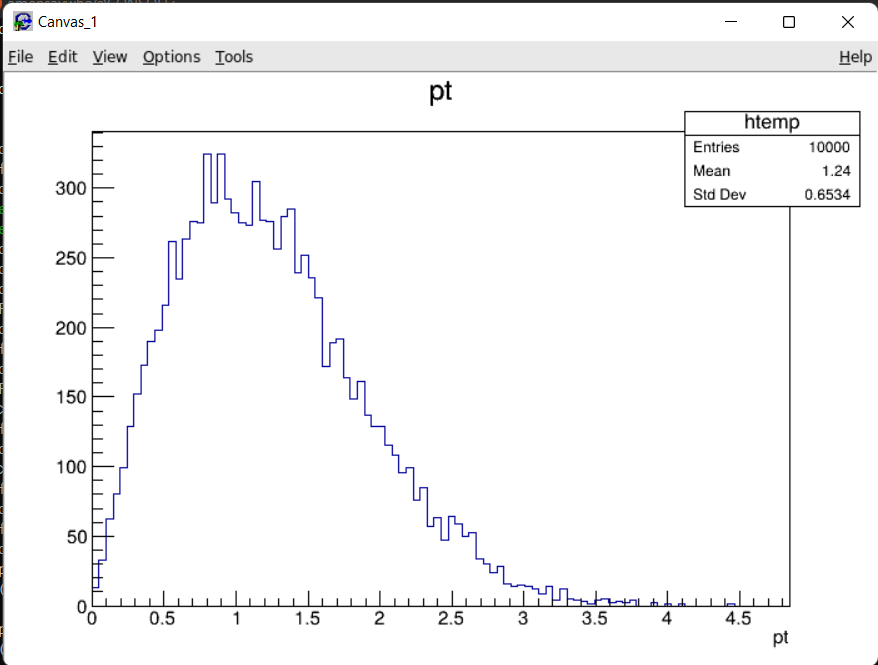
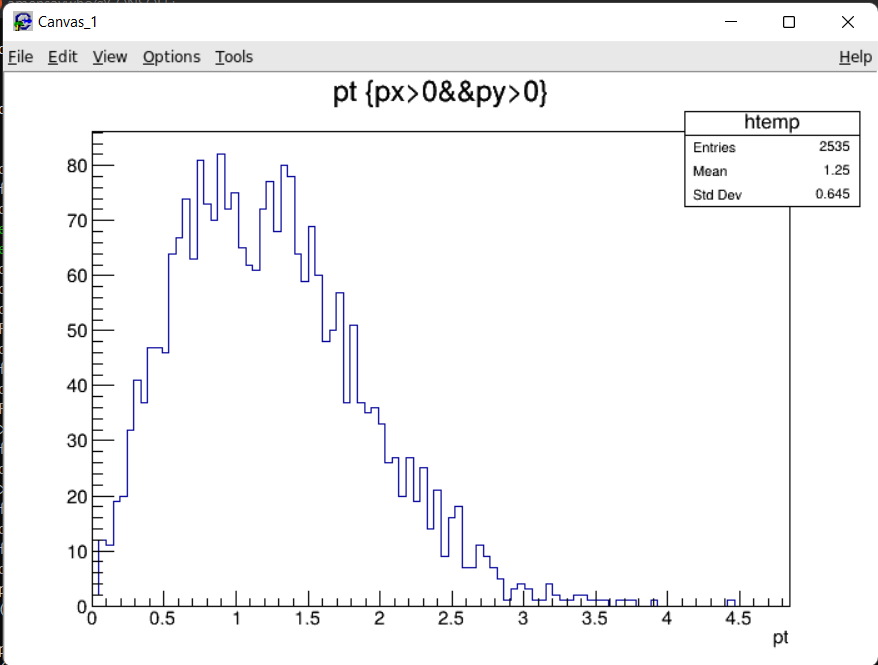


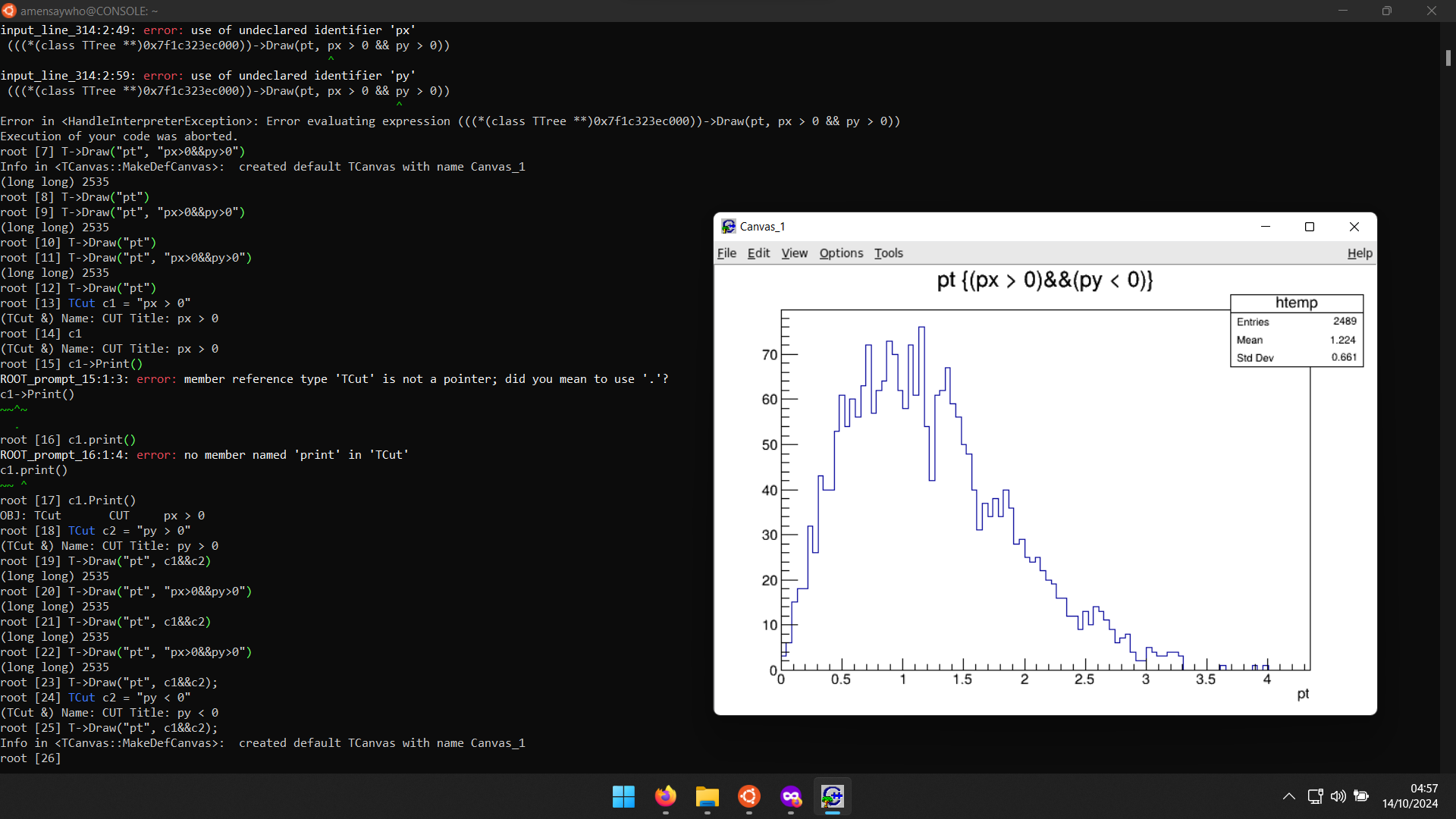
tree\_example1.C:

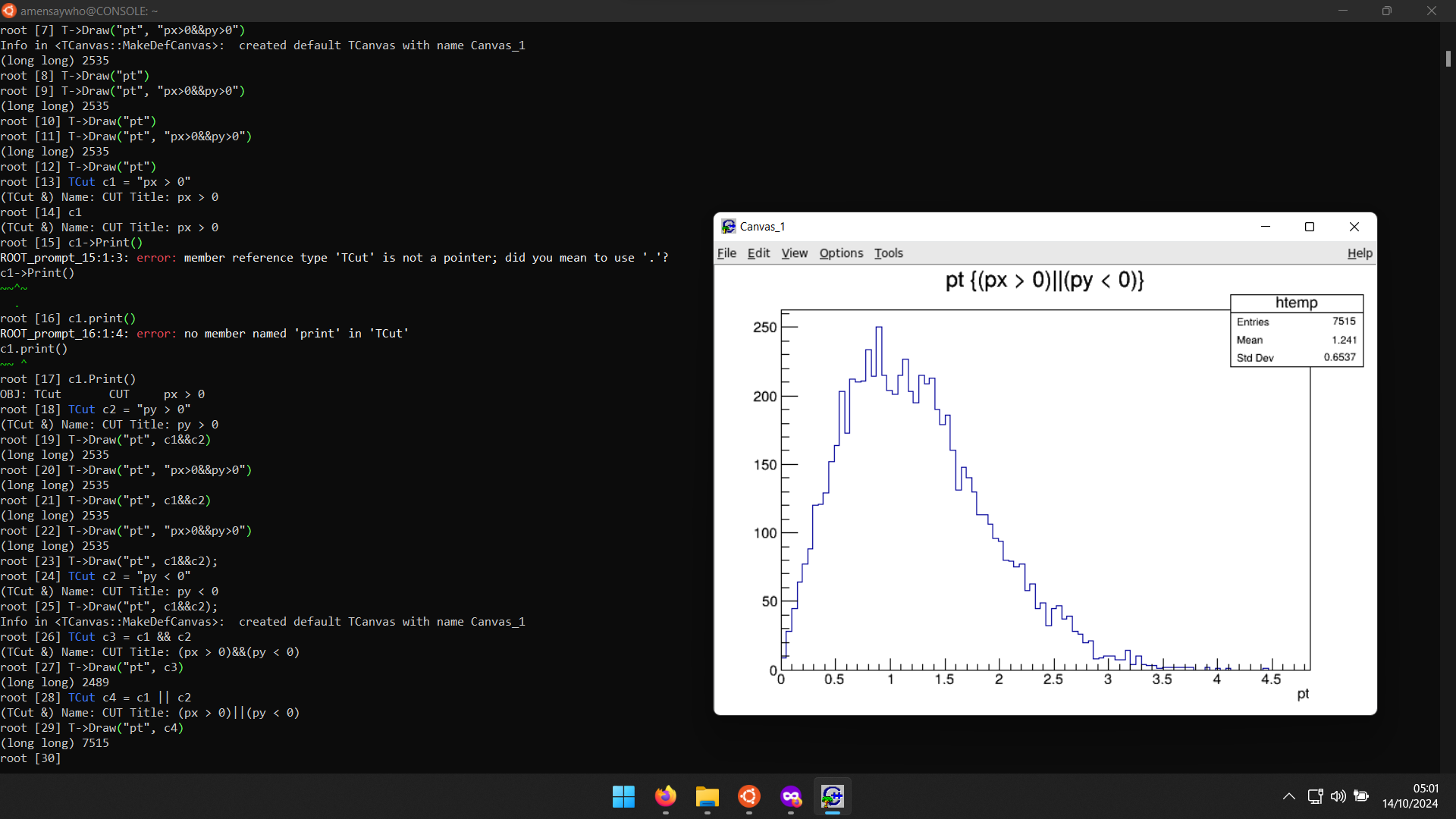


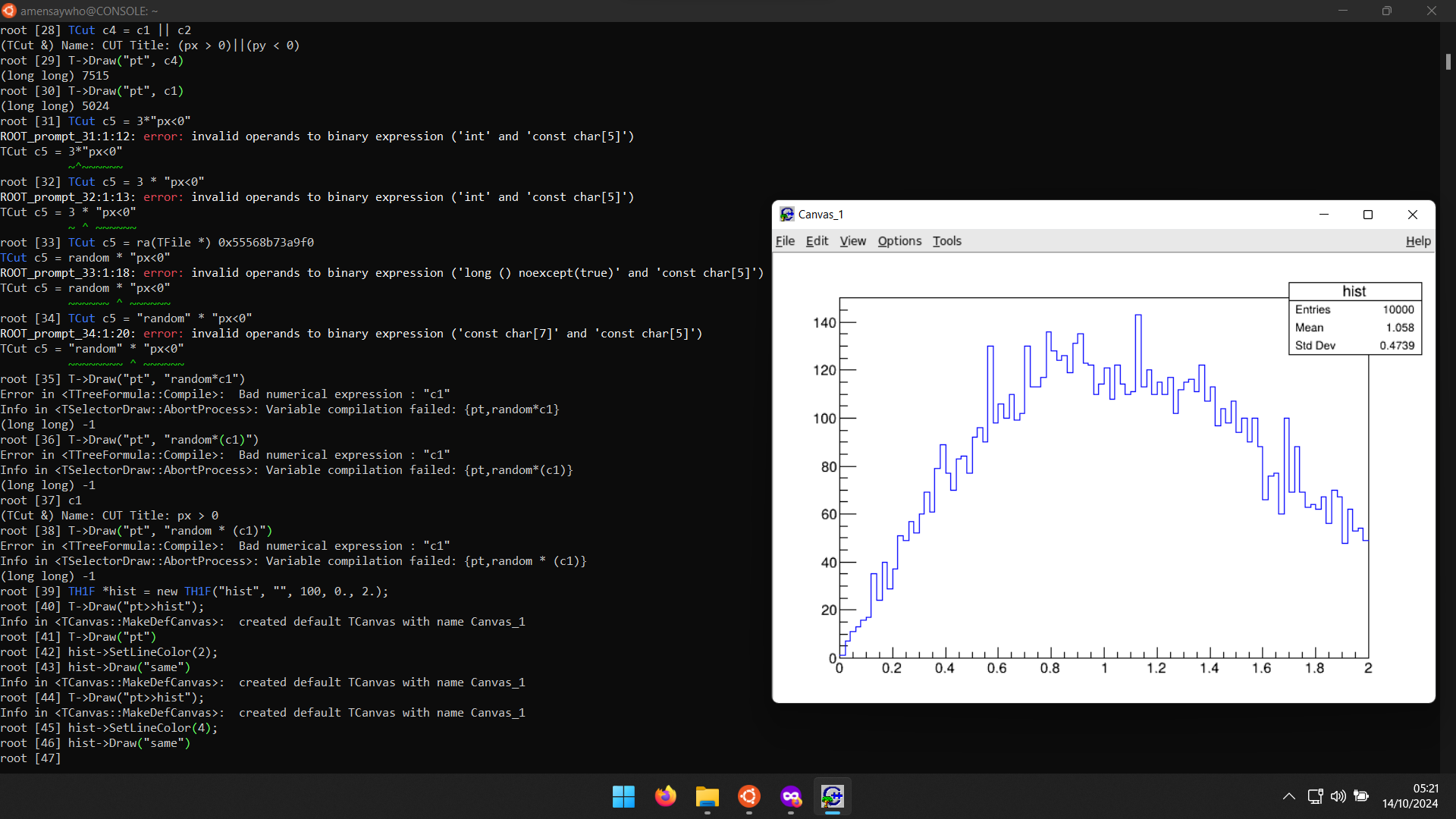


Plotting pt values that satisfy the given conditions: normal distribution plotted for comparison

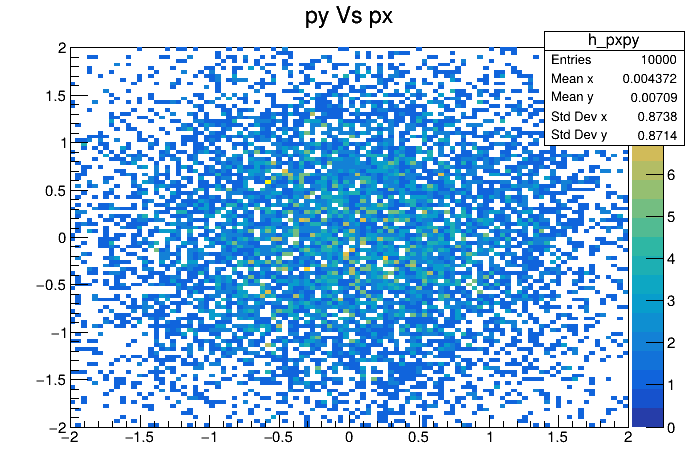
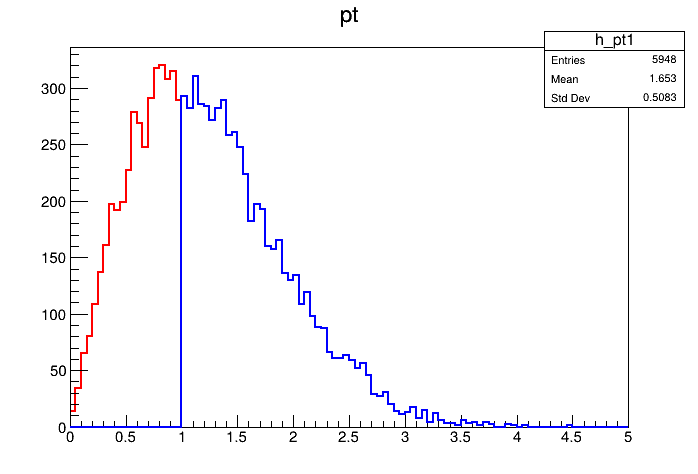
Applying cuts (all variations of mentioning the same condition, i.e., c1&&c2, c3(c1&&c2), c1&&py<0 return the same plot



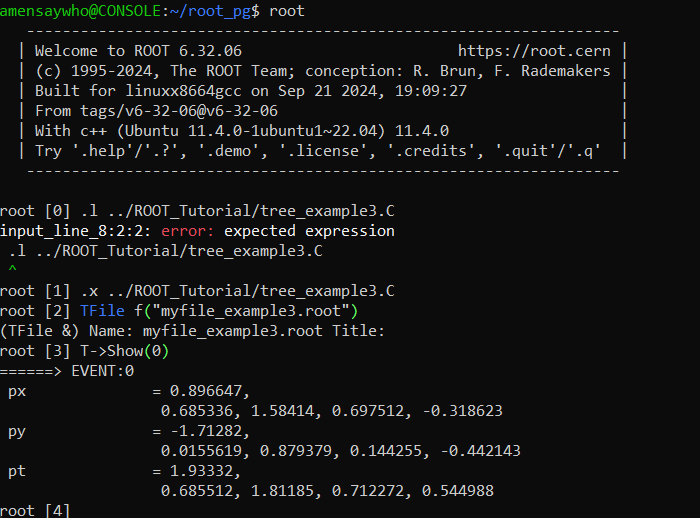




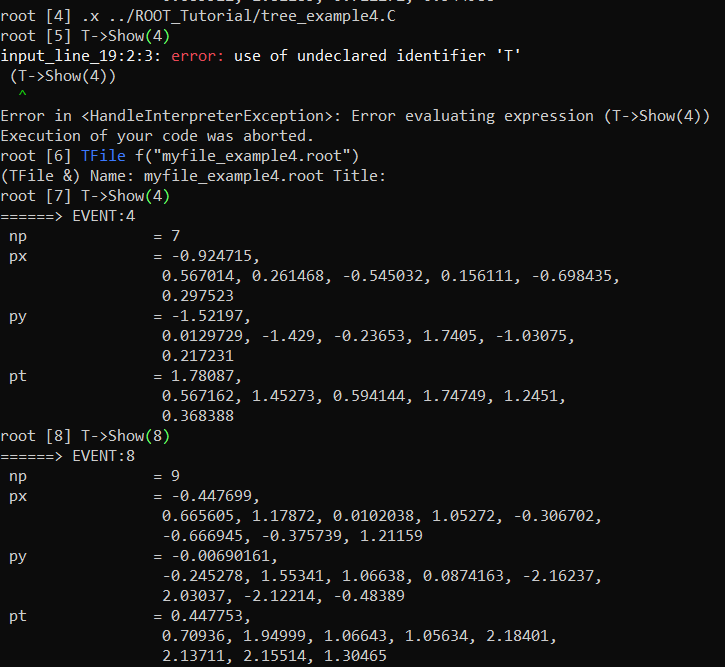
tree\_example2.c



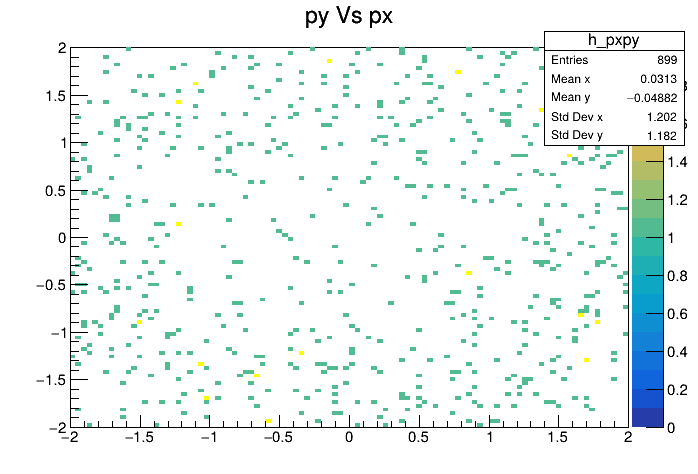
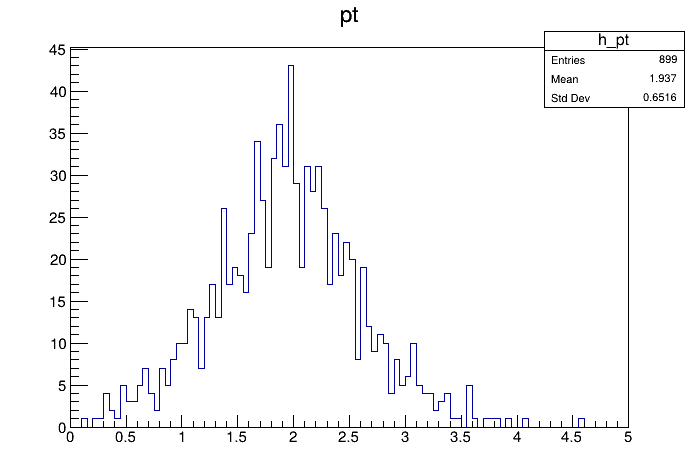
tree\_example3.C

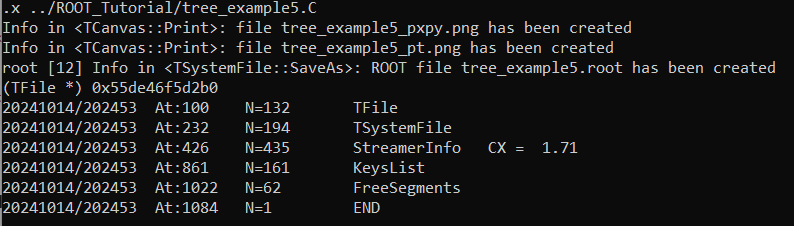


tree\_example4.C

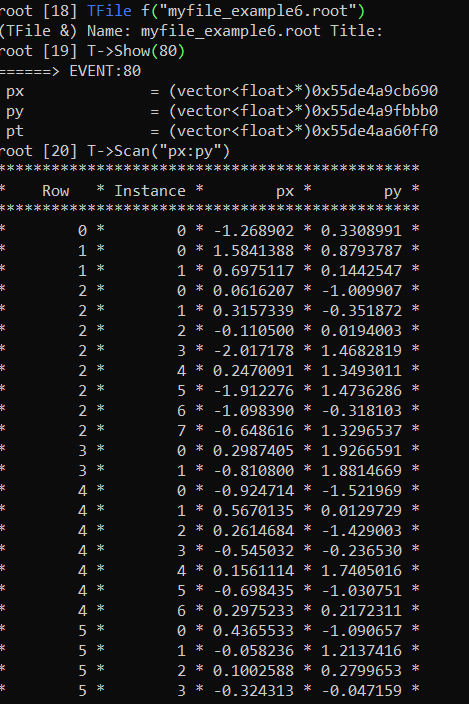
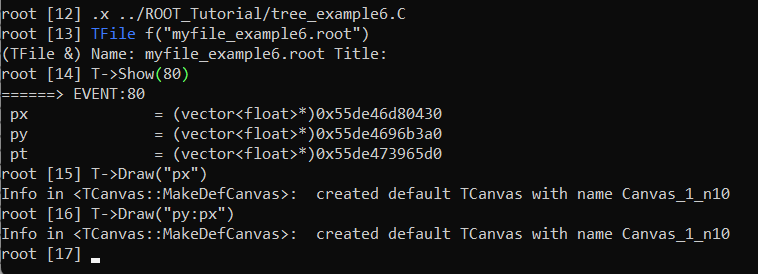


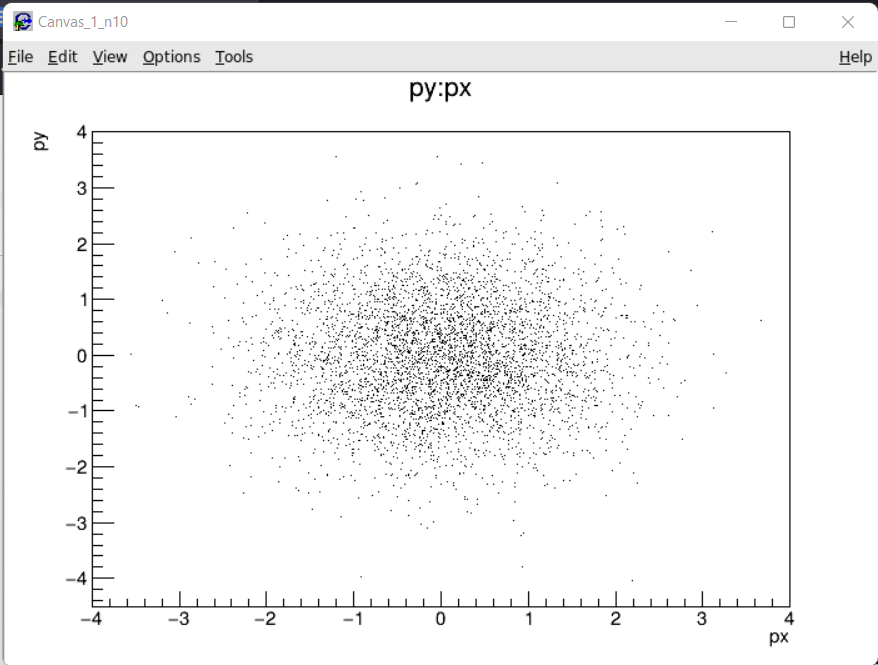
tree\_example5.C

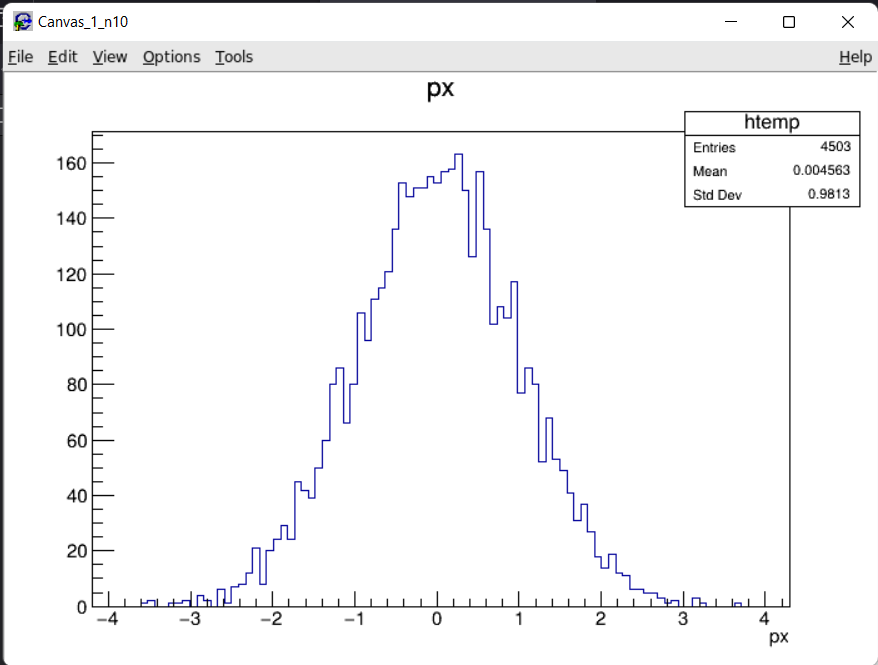




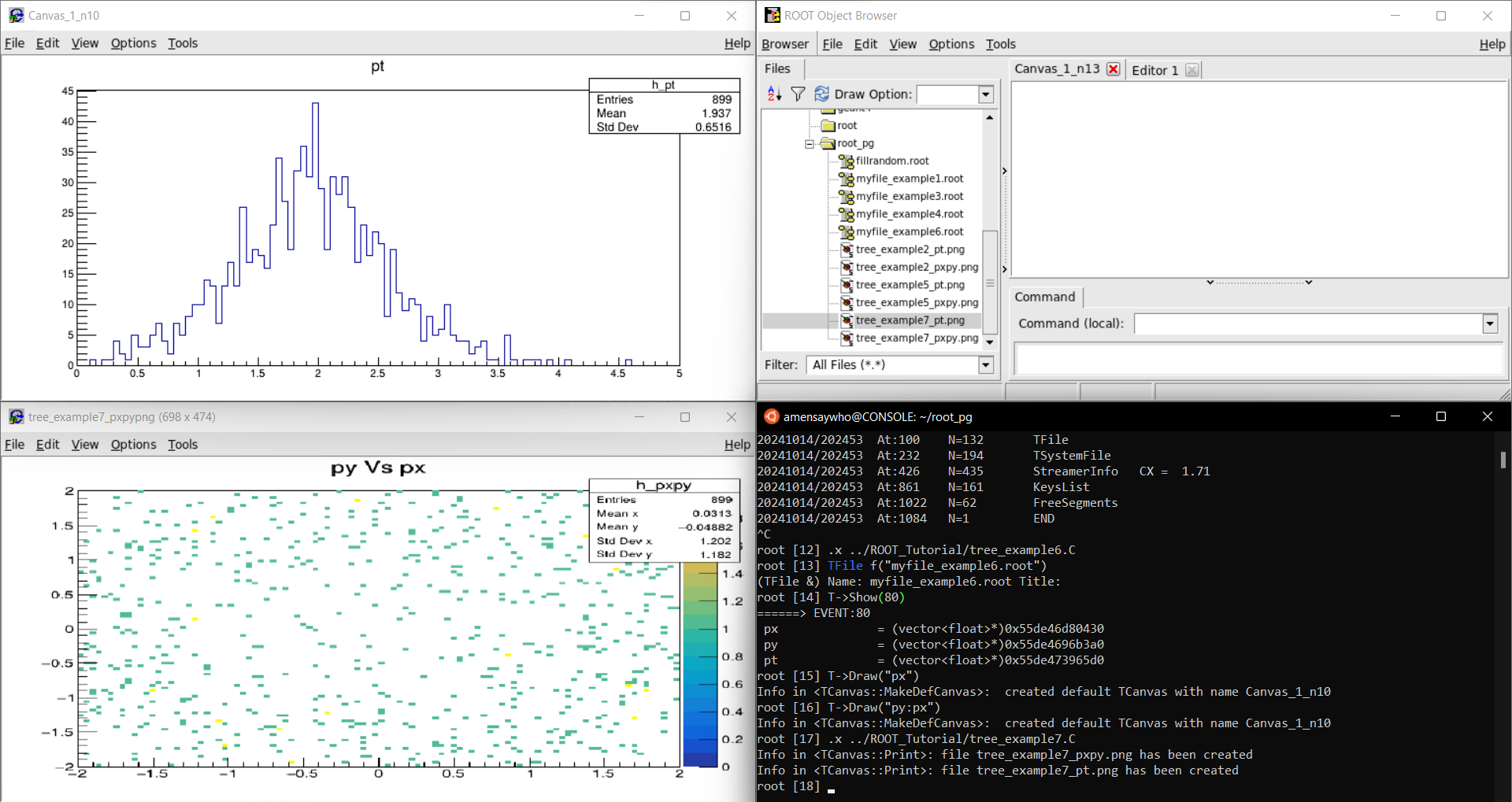
tree\_example6



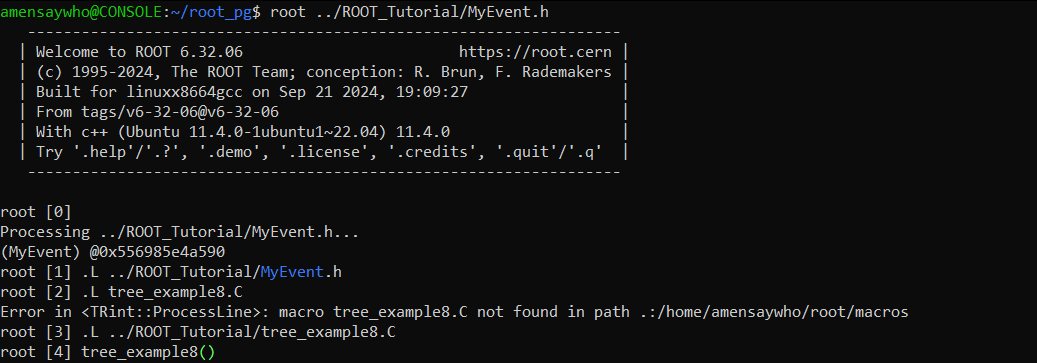


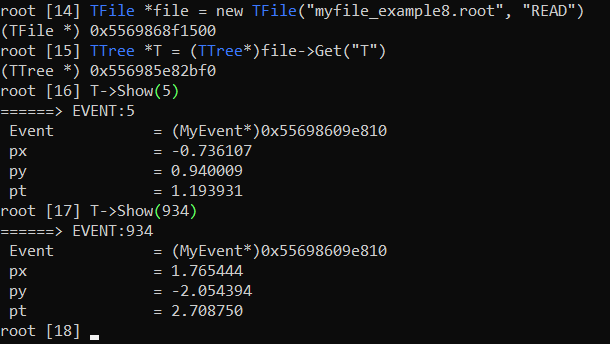


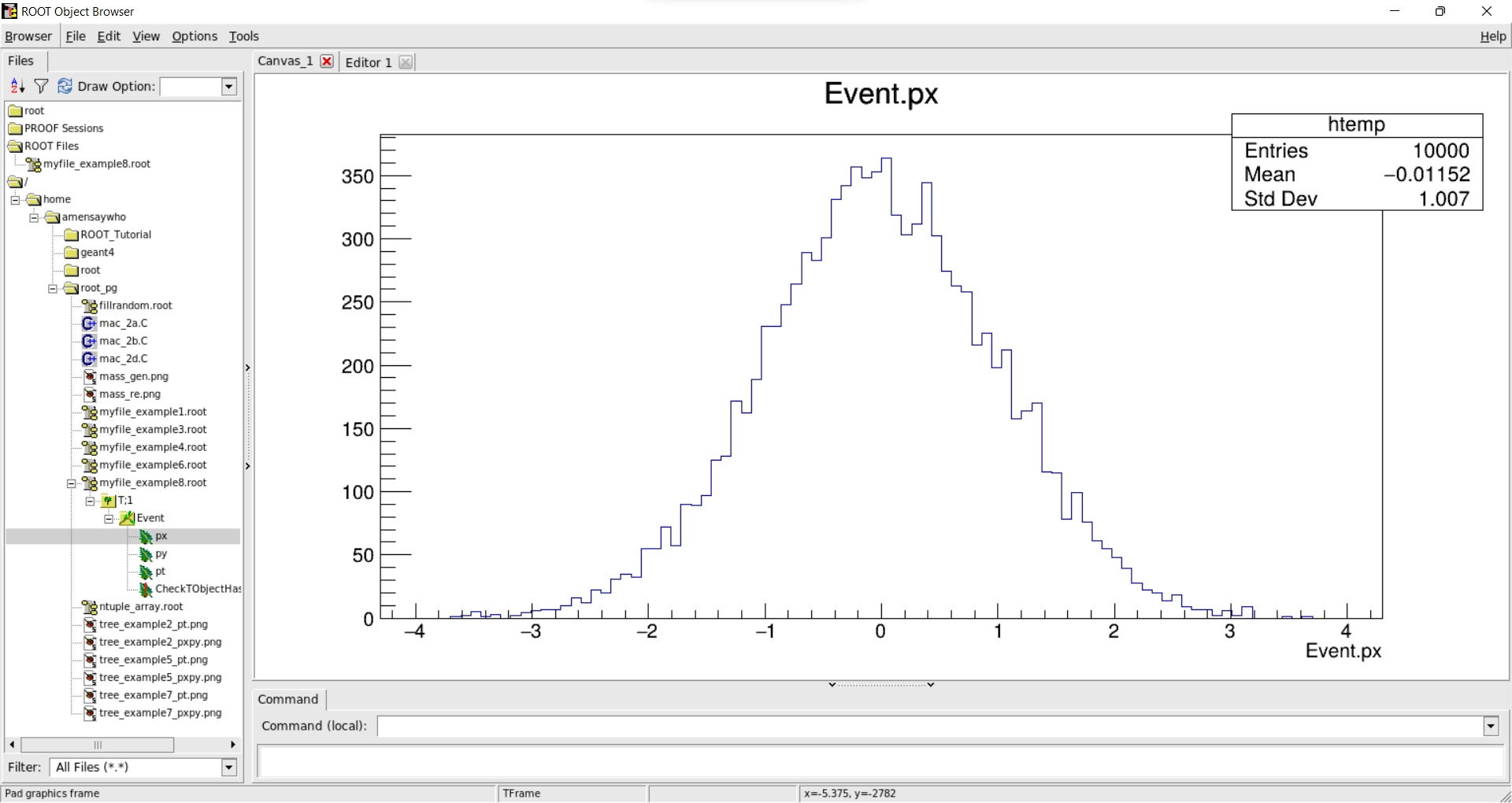
tree\_example7.c



MyEvent.h and tree\_example8.c

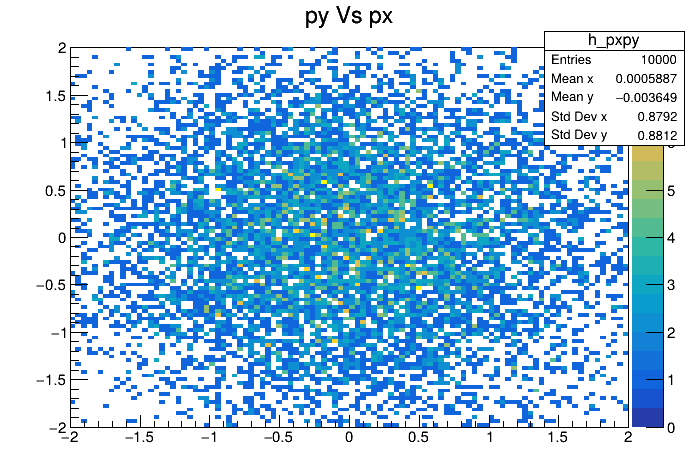
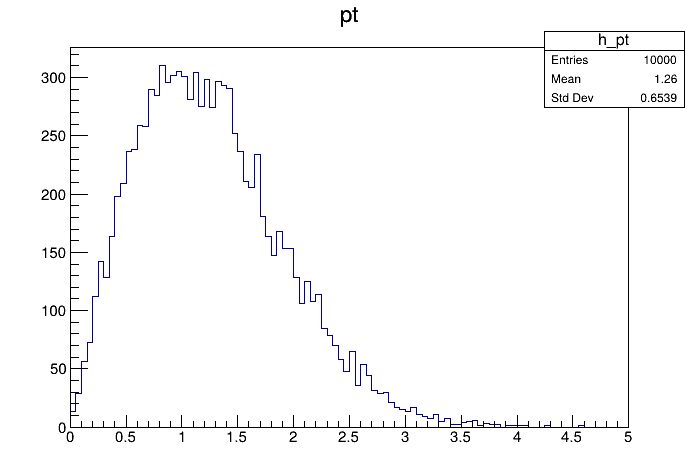




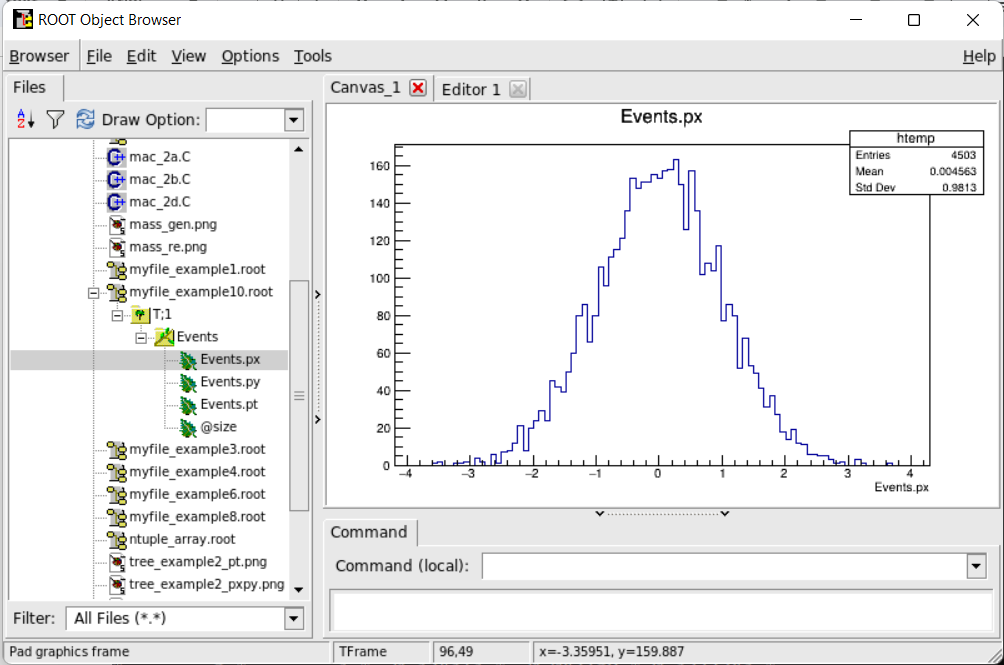
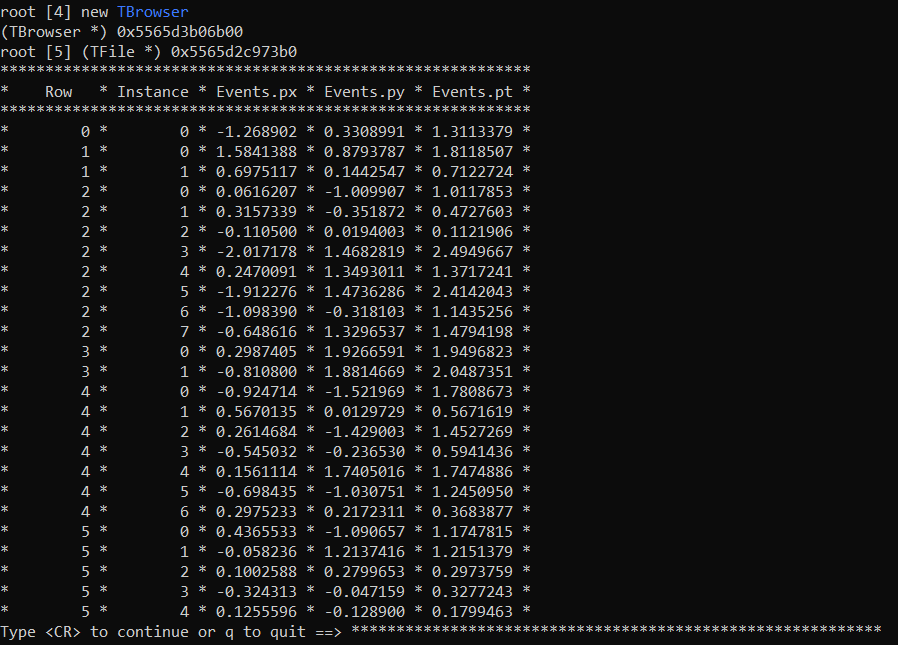
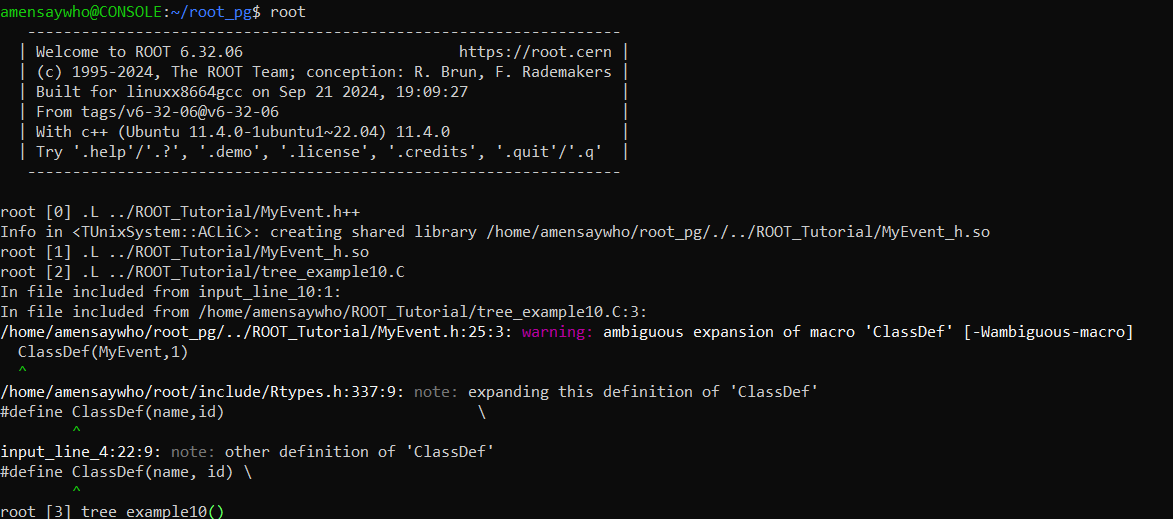


tree\_example9.C- The distributions are slightly different from the ones produced in example 2

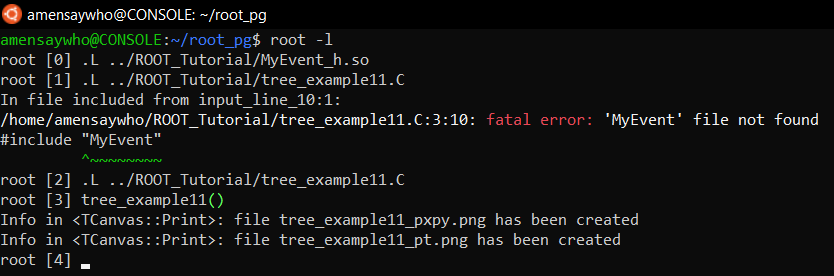


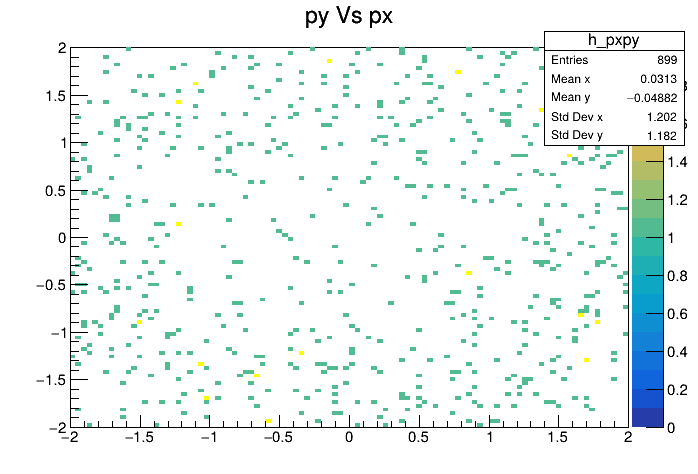
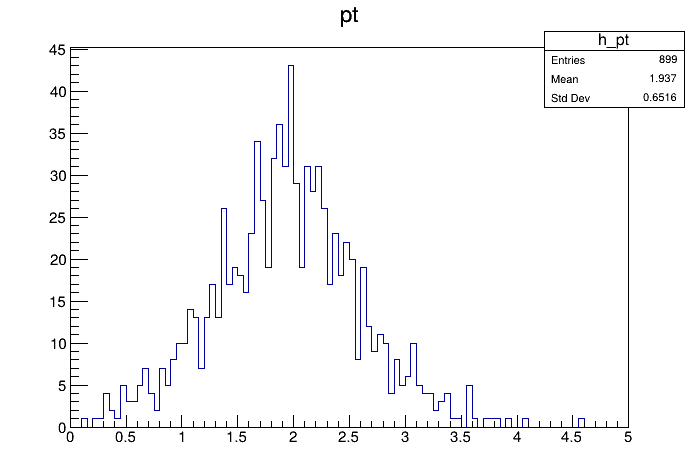


tree\_example10.C



tree\_example11.C - The distributions are the exact same as the ones obtained in example 7

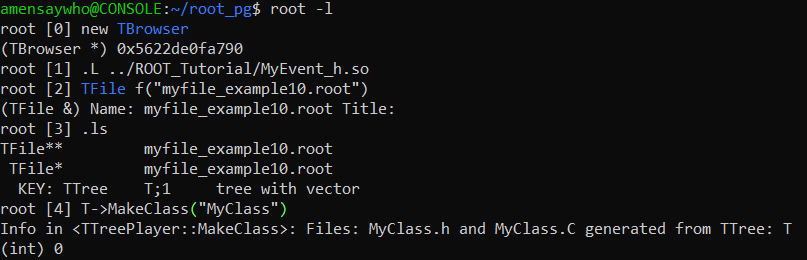


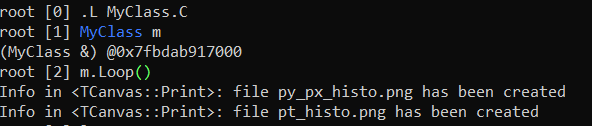


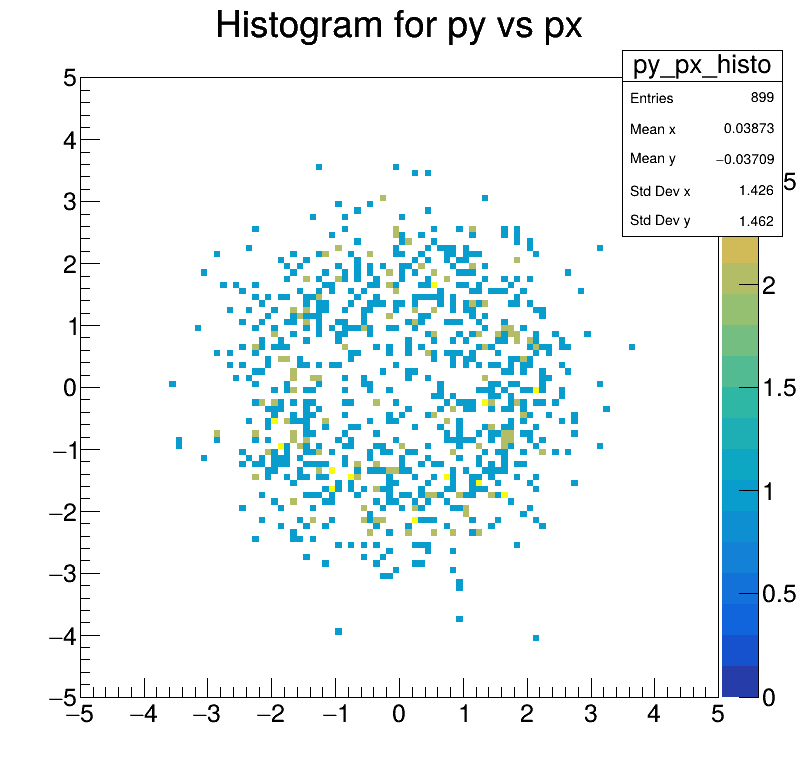
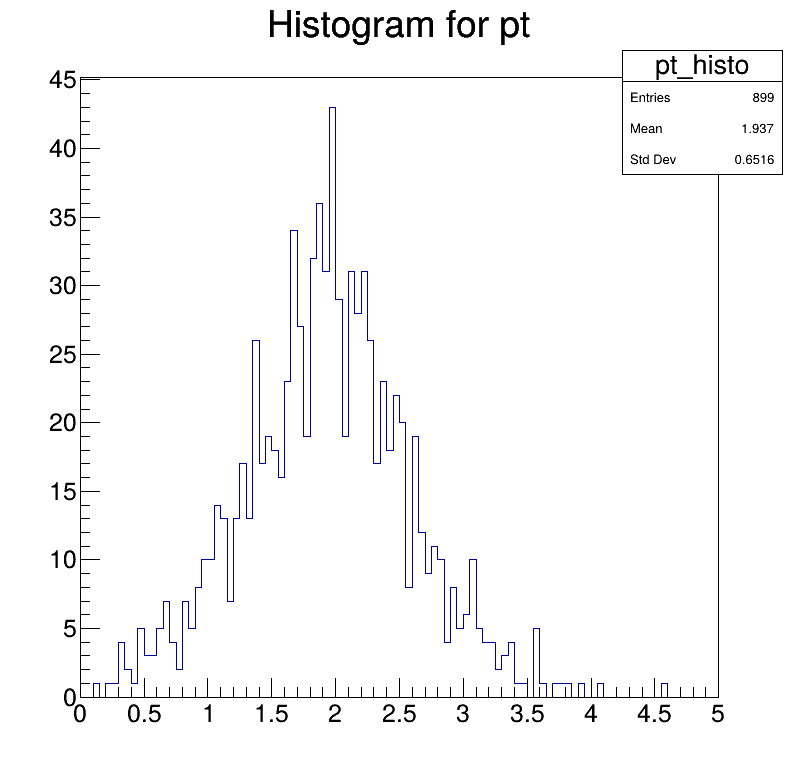
MakeClass Analysis was done using example10.root (since it contains vectors)

Header and source files are uploaded under the name MyClass.h/.c

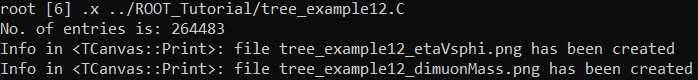
Code was written to plot the highest value of pt per entry and plot its corresponding px/py

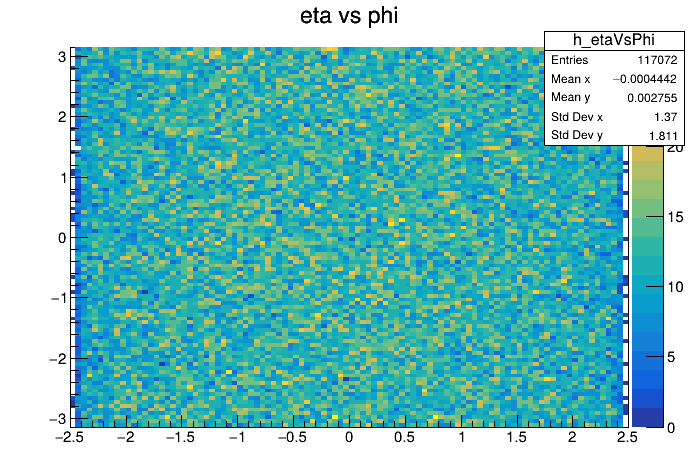
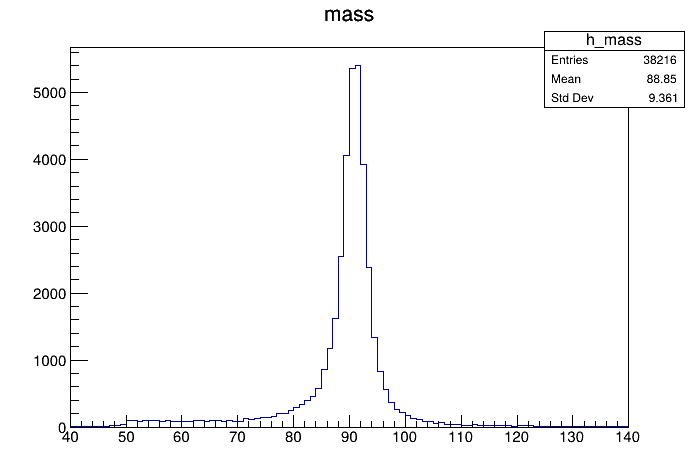






tree\_example12.C





Replacing reconstructed muon data with reconstructed electron data

Code is submitted under the name “tree\_example12\_el.C”

