I think I have found the problem. Currently, both dev and master branches of R3BRoot are well tested and working with latest stable releases of FairSoft (nov15p1) and FairRoot (v-15.11). Because of holidays, I did not come jet to test it with development versions. Please try to compile with tar balls from:

https://github.com/FairRootGroup/FairSoft/releases/tag/nov15p1

https://github.com/FairRootGroup/FairRoot/releases/tag/v-15.11

This will work for sure.

Cheers,
Dima