Hi,
another problem of the additional events appears when merging more than one file.

Let us assume that we have 2 mc files of 1000 events; after recosntrution we will have 2 pid files of 1001 events, the last is the dummy one.

When I want to add these 2 files, I will have 2000 mc files and 2002 pid files, but in this case the mc event #1001 will correspond to pid event #1002, breaking the friend mechanism.
This is quite nasty.