I would suggest however to check this topic:

 https://forum.gsi.de/index.php?t=tree&th=3901&start=0&rid=30
6&S=6c581bdc6201b7db71a4ed85c62e1a47#page_top

and to use PndChiVtxFitter, which seems to produce better results. Atleast we could have a
term of comparison.