Dear Gianluigi Boca,

If your statement is correct, then every secondary vertex like K0, lambda, which have some decay length more than few cm, cannot reconstructed any more. That is quite pity, but I assume that is not implemented right now because of some ordering of priority in global tracking.
So, current tracking package is now only optimized at primary vertex.

You mentioned only about STT.
I am wondering how about rest of trackers.
What is the situation for stand alone track finding with TPC, MVD, MDT, and GEM?
If one of those do not find any track due to strong assumption of z=0, the efficiency of lhetrack would be automatically drop down, whatever rest of part are correctly contributed to build a true trajectory.

Best regards,
Donghee