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Subject: Small changes to improve efficiency at low momentum

Posted by [Stefano Spataro](#) on Tue, 22 Jul 2014 12:43:17 GMT

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Dear all,

I did three small changes which should improve a bit the efficiency for low momentum tracks.

- a) The sttmvdgem ideal track finder now considers only the first 25 hits, to cut curling tracks.
- b) The geane internal cut on 100MeV/c is now decreased to 5MeV/c
- c) The Pid candidates are filled starting from 50 MeV/c (before from 100 MeV/c)

It would be nice if somebody could test to check how much is the gain.

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