
Subject: Re: Vertex fitters' problems
Posted by [L. Zotti](#) on Mon, 29 Jul 2013 09:11:16 GMT
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Dear All,
after the last modification of the PndChiVtxFitter.cxx
these are the main results that I got.
Resolution on x: 32 micron

Resolution on y: 54 micron, why is it different from x?

Resolution on z: 113 micron.

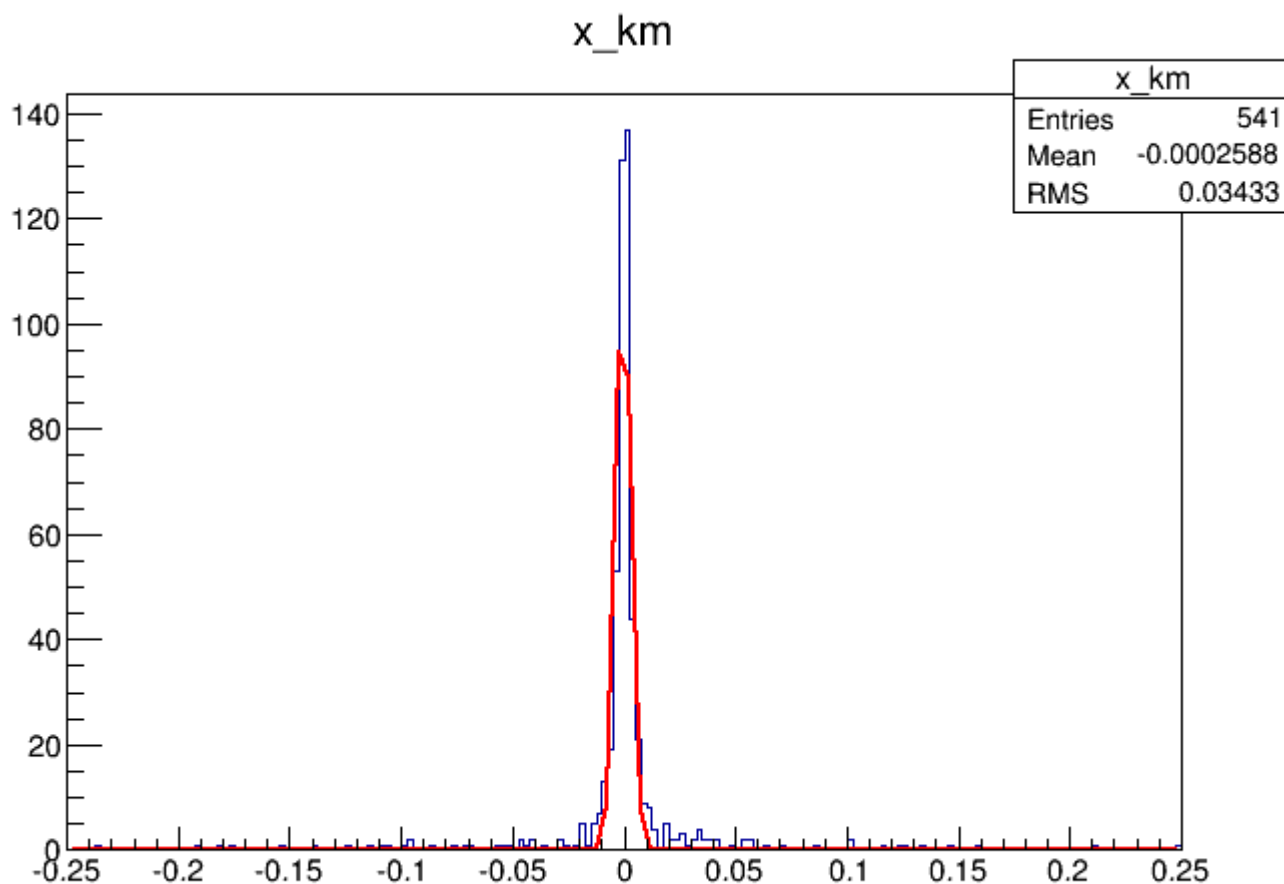
Chi2 still some negative values: do you have suggestions on how to decide what is the best candidate in case of combinatorials?

Mass of the D0 before and after the fit: after the fit we got a low number of D0 under the central peak

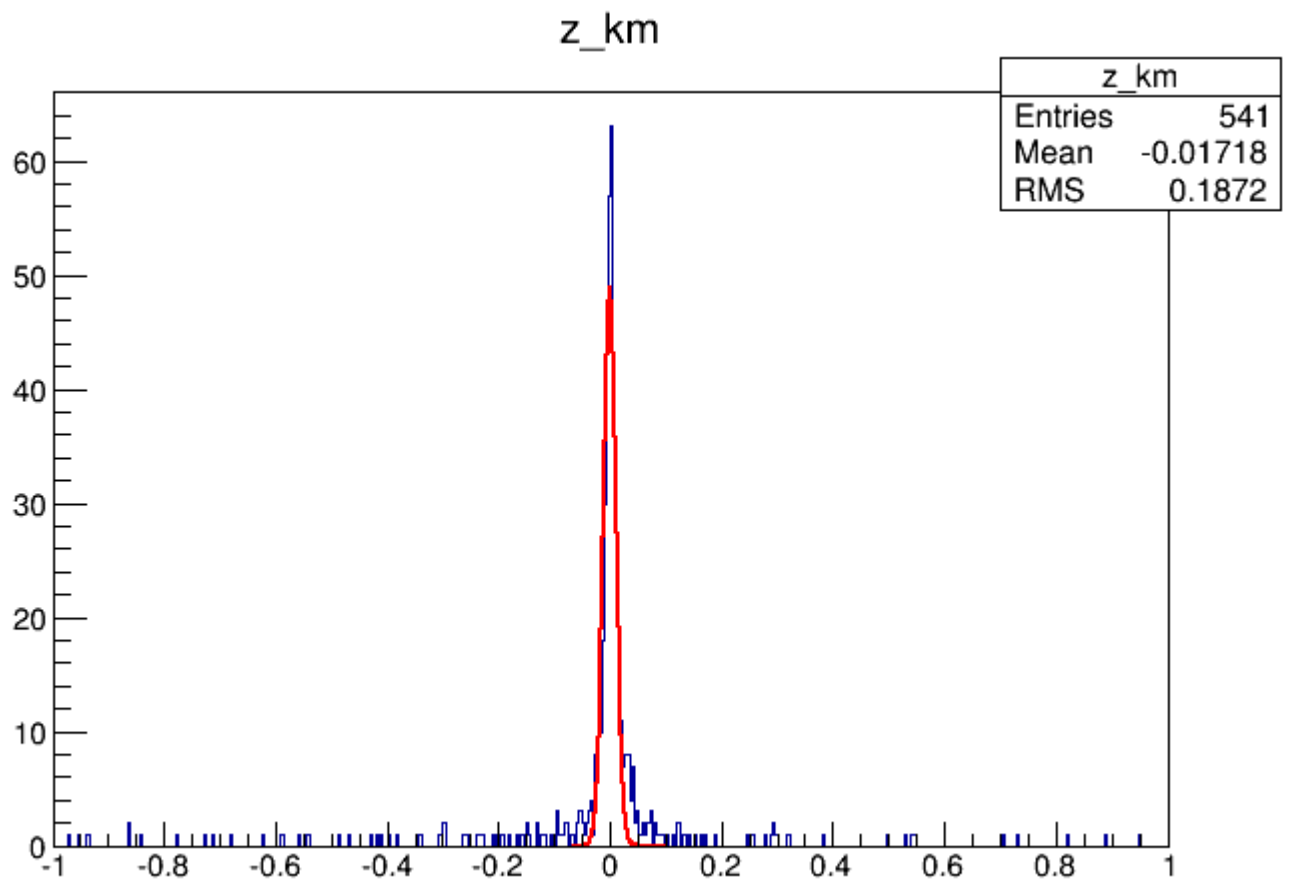
Best regards,
Laura

File Attachments

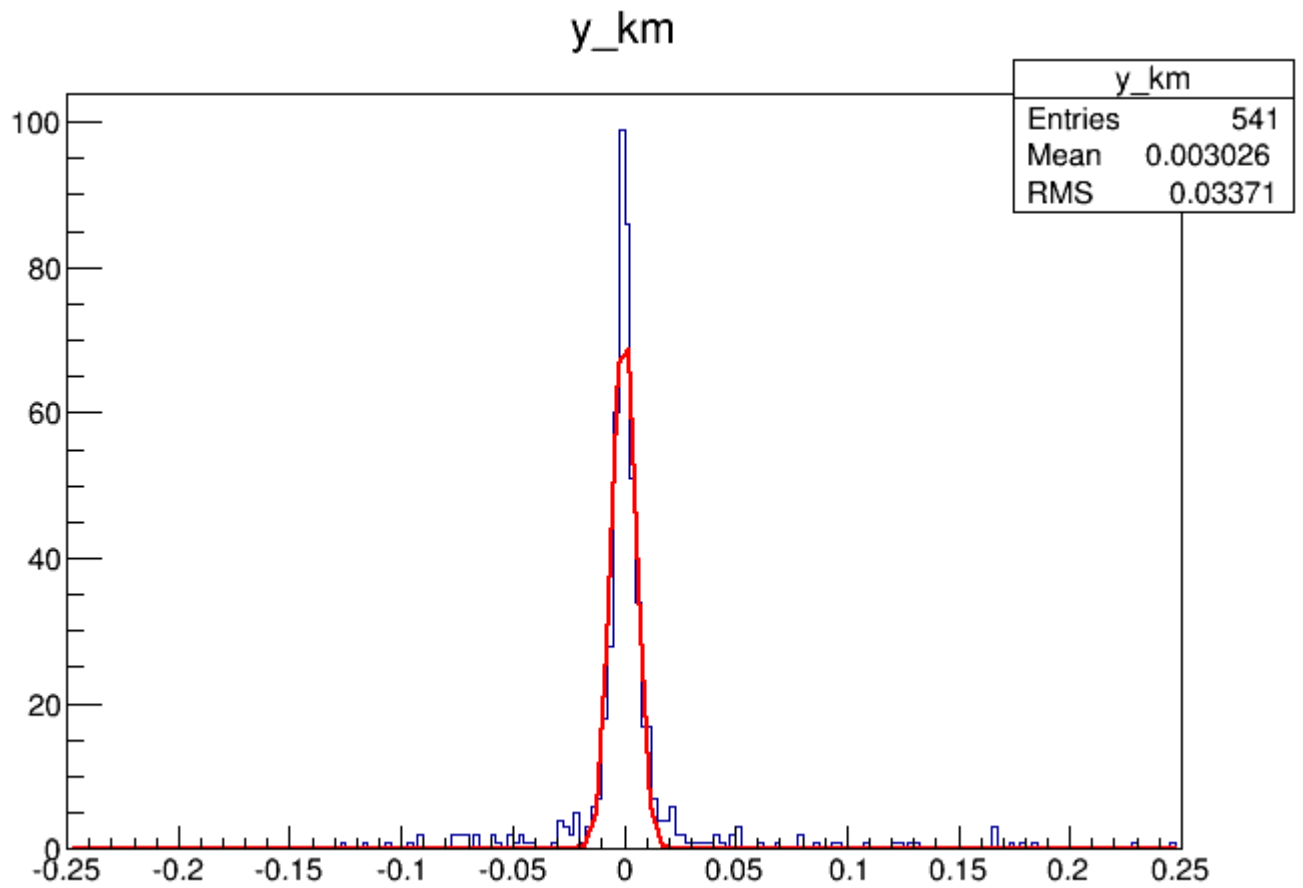
1) [x.png](#), downloaded 1217 times



2) [z.png](#), downloaded 1177 times

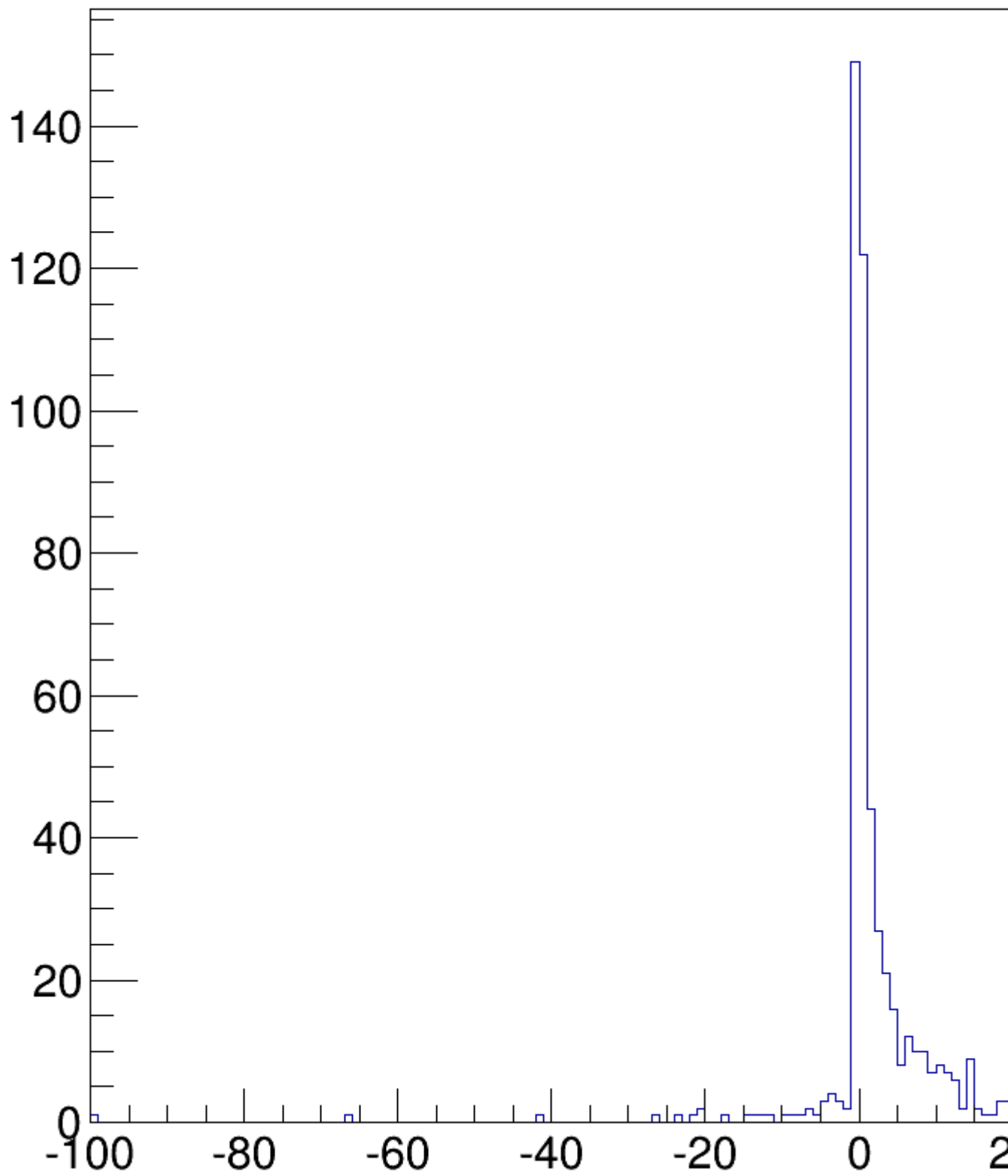


3) [y.png](#), downloaded 1185 times



4) [chi2.png](#), downloaded 1205 times

chi vertex



5) [mass_d0.png](#), downloaded 1170 times

D0

