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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?

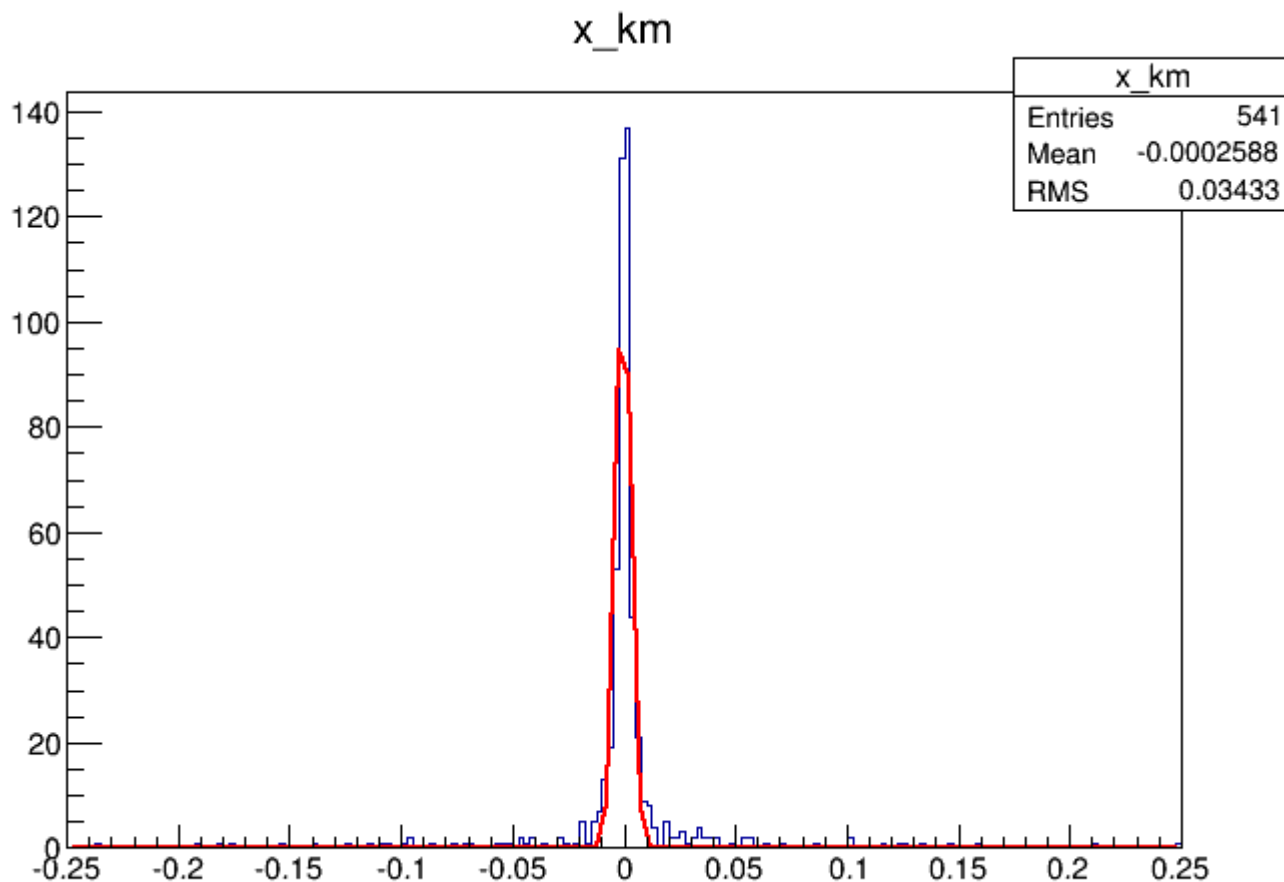
Mass of the D0 before and after the fit: after the fit we got a low number of D0 under the central peak

Best regards,  
Laura

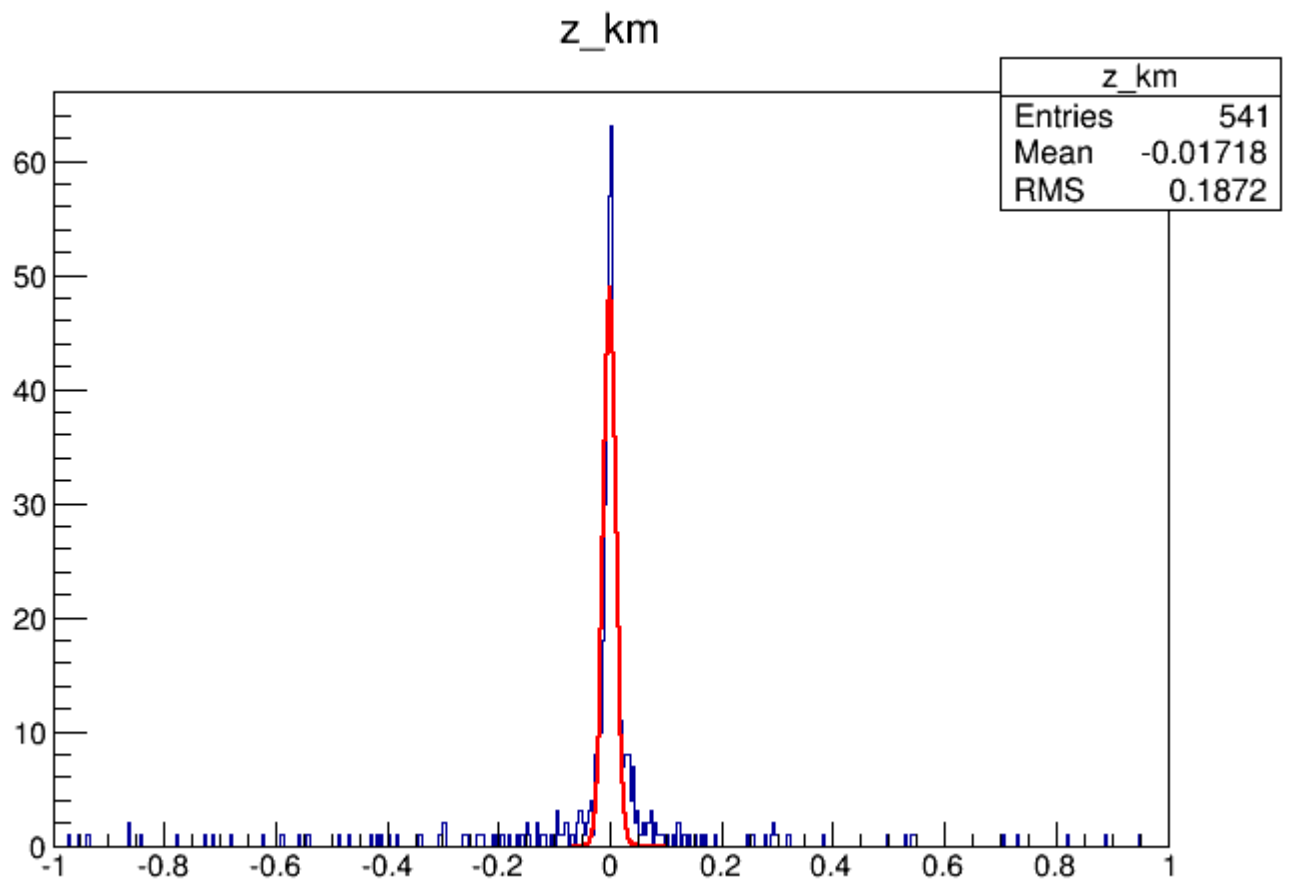
### File Attachments

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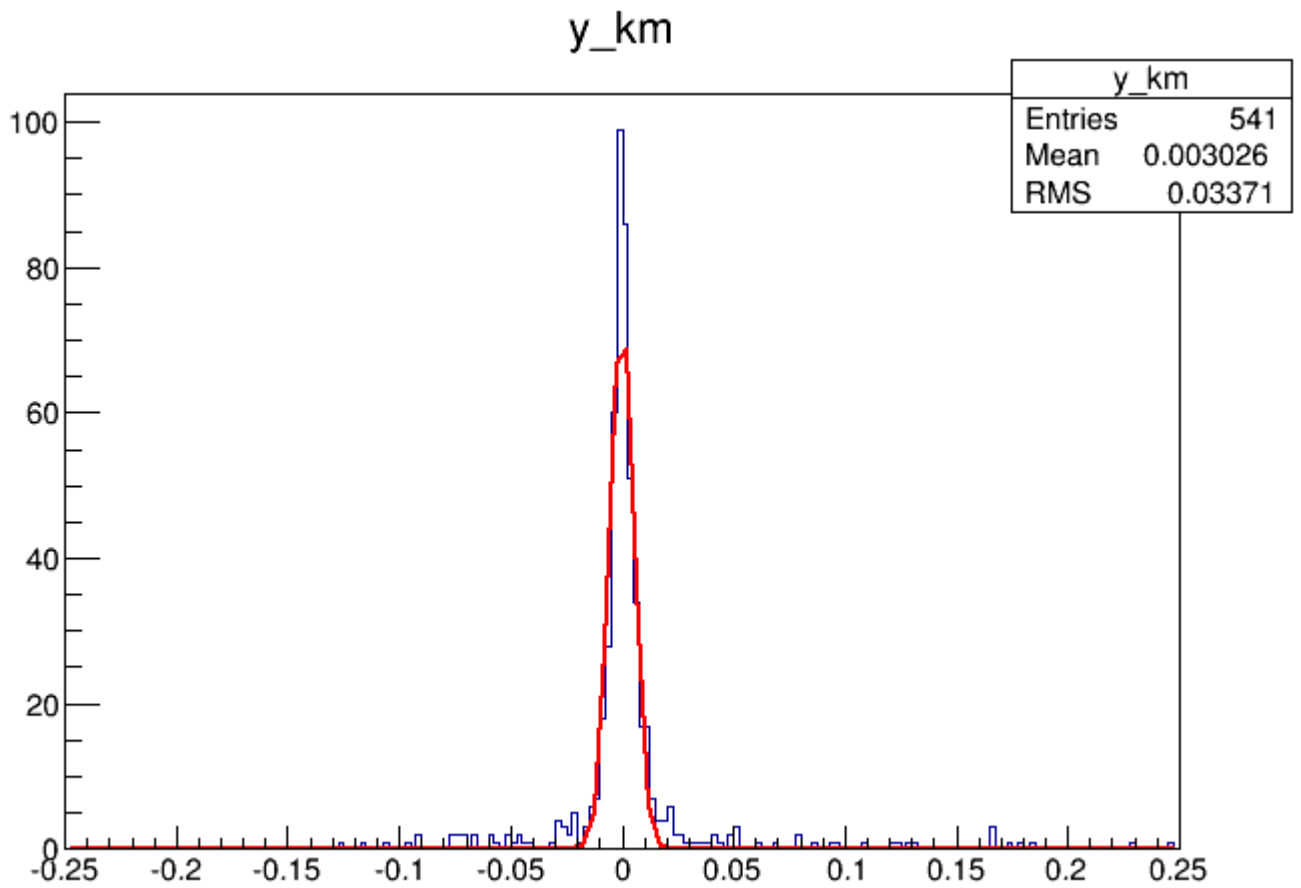
1) [x.png](#), downloaded 544 times



2) [z.png](#), downloaded 522 times

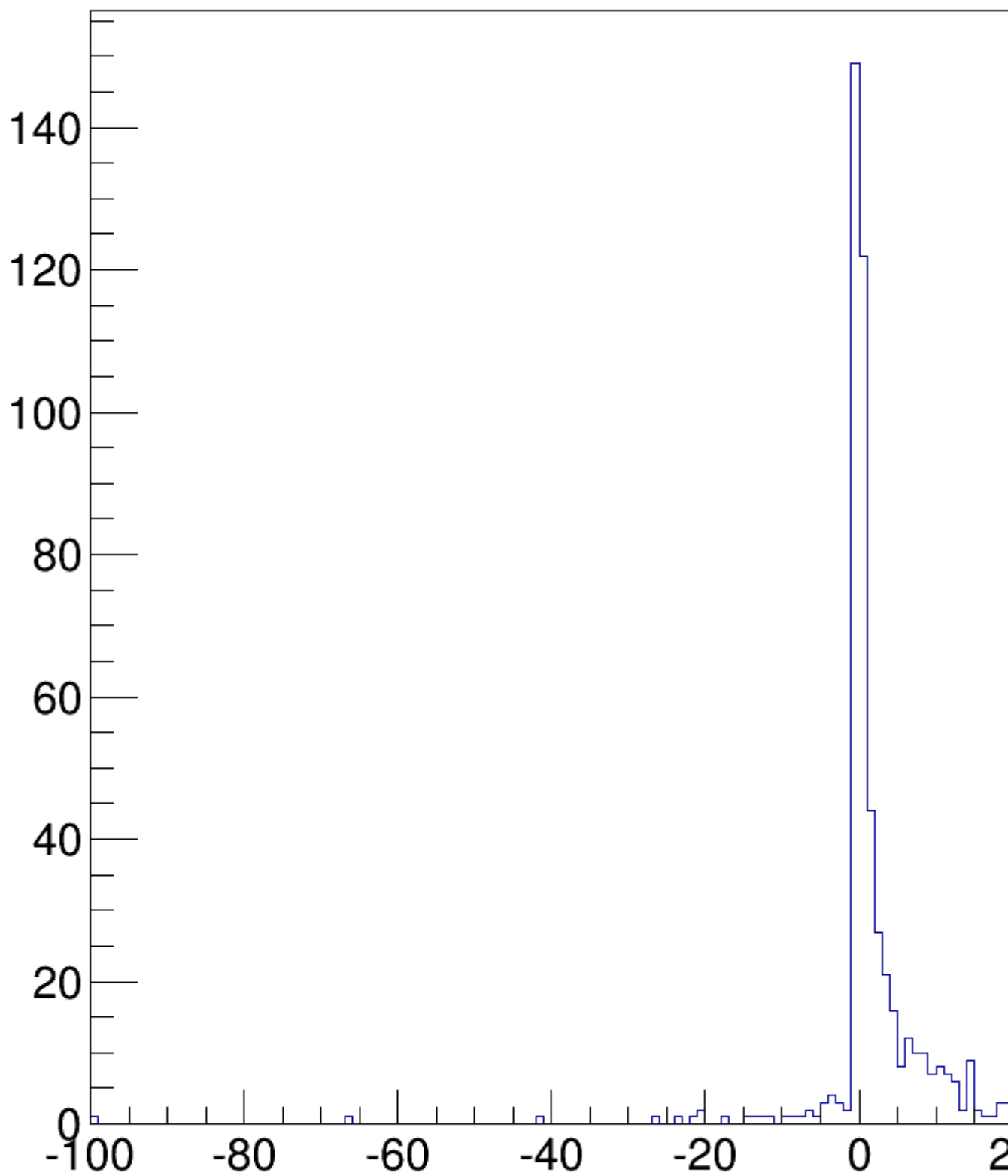


3) [y.png](#), downloaded 565 times



4) [chi2.png](#), downloaded 576 times

# chi vertex



5) [mass\\_d0.png](#), downloaded 536 times

# D0

