
Subject: Re: No back propagation to IP for V_0 reconstruction
Posted by [Stefano Spataro](#) on Thu, 04 Dec 2014 10:07:08 GMT
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For the invariant mass distribution you need to know the production vertex, then you need to use a vertex fitter.

For the k_0 vertex, I suppose you use MC information (right)? I am not able to understand distance/gamma/beta, just distance could help. But if the counts are the same, in your comparison there should be something wrong, because the plot means that the k_0 moved from production point close to the IP (w/ back propagation) towards the external part (w/o), and this is not possible, Are you sure you are taking the distance/gamma/beta from the proper place?