
Subject: Re: Problem with PndKinVtxFitter and Ks decays
Posted by [Albrecht Gillitzer](#) on Wed, 28 Nov 2012 13:09:18 GMT
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Hello Ralf,

I have another problem with PndKinVtxFitter: After fitting the μ^+ and μ^- tracks from J/psi decay to a common vertex (and in case of more than one found combination taking the one with the best χ^2) and applying a χ^2 cut, the $\mu^+\mu^-$ invariant mass distribution has a clearly larger width than obtained with the raw, unfitted tracks. I would expect the opposite since after fitting and χ^2 cut the result should be closer to reality.
Is this also a "known issue"? And could you please also look into this problem?

cheers, Albrecht