Subject: Re: combinations of pid algorithms Posted by Dmitry Khaneft on Wed, 16 May 2012 13:53:19 GMT View Forum Message <> Reply to Message

Hm. I was following tutorial and found these lines

Quote:

•••

theAnalysis->FillList(looseElectrons, "ElectronLoose", "PidAlgoEmcBayes;PidAlgoDrc;PidAlgoMvd");

In this case the probabilities for PID selection are achieved by multiplying the probability values of the chosen algorithms, i.e. $Pe = Pe, 1 \times Pe, 2 \times Pe, 3$, etc.

The only case one can get increase in efficiency is if one of the probabilities >1 what is impossible. Am I right?

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