Subject: Re: combinations of pid algorithms
Posted by Dmitry Khaneft on Wed, 16 May 2012 13:53:19 GMT
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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. $\mathrm{Pe}=\mathrm{Pe}, 1 \times \mathrm{Pe}, 2 \times \mathrm{Pe}, 3$, etc.

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

