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Subject: Re: Mc Truth Match

Posted by [Klaus Götzen](#) on Tue, 20 Aug 2013 14:34:57 GMT

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Hi,

I think the basic problem for a perfect MC match is, that there is none! Sometimes reconstructed objects cannot be unambiguously assigned to MC truth objects, since a track candidate or cluster might consist of hits created by different particles.

This means, that a measured efficiency not only has a statistic error, but a systematic one in addition due to the imperfect assignment of the truth. We just don't care about it for the time being...

Best,  
Klaus

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