
Subject: electron reconstruction in pandaroot
Posted by [Elisabetta Prencipe \(2\)](#) on Thu, 10 Dec 2015 08:40:00 GMT
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Dear all,

could you please suggest what is the best way to reconstruct electrons in pandaroot-mar15?
and how can one apply Bremsstrahlung corrections?
Is there an example macro, on the wiki page or somewhere?

Let's start from the simple case:

```
theAnalysis->FillList(eplus, "ElectronAllPlus");  
theAnalysis->FillList(eminus, "ElectronAllMinus");
```

Like so, of course one gets a big left tail. How to proceed, then?

Thanks in advance for your useful help and courtesy,

Elisabetta

Subject: Re: electron reconstruction in pandaroot
Posted by [Klaus Götzen](#) on Thu, 10 Dec 2015 12:53:26 GMT
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Hi Elisabetta,

I think you just (in full sim only available) request

```
theAnalysis->FillList(eplus, "ElectronBremAllPlus");  
theAnalysis->FillList(eminus, "ElectronBremAllMinus");
```

instead. Done.

Best,
Klaus

Subject: Re: electron reconstruction in pandaroot
Posted by [Elisabetta Prencipe \(2\)](#) on Fri, 11 Dec 2015 14:43:21 GMT
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Hello Klaus,

thanks for the info. Then, a good electron list exists and we can use it.

My best, Elisabetta

Subject: Re: electron reconstruction in pandaroot
Posted by [Alexander Zinchenko](#) on Mon, 25 Jan 2016 08:12:58 GMT
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Hello.

Can anyone point me to / provide me with plots showing the effect of the bremsstrahlung correction method?

Thanks.

Subject: Re: electron reconstruction in pandaroot
Posted by [Stefano Spataro](#) on Mon, 25 Jan 2016 12:36:35 GMT
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Hi, you can take a look at the following technical note, even if not yet approved.

<https://panda.gsi.de/publication/tn-stt-2015-001>
