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Subject: Re: Problem with mass constraint fit for two gamma

Posted by [donghee](#) on Mon, 07 Jul 2014 09:04:57 GMT

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Hi Stefano and Dima,

I am now looking your posting for the neutral candidate in pid correlator.  
Launching the PID macro, Error message doesn't have serious meaning because we didn't store the emc parameter (PndEmcErrorMatrixPar) into the data base.

Quote:

```
// Get Emc error matrix parameter container
fEmcErrorMatrixPar = (PndEmcErrorMatrixPar*) db->getContainer("PndEmcErrorMatrixPar");
```

We can ignore this alarm, or we can make inactive thie matrix parameter container before initialization, because we will access error matrix from the input reading file later on.

Quote:

```
void PndPidCorrelator::SetParContainers() {
...
// Get Emc error matrix parameter container
fEmcErrorMatrixPar = (PndEmcErrorMatrixPar*) db->getContainer("PndEmcErrorMatrixPar");
...
}
```

I find a potential problem for miss matching of neutral candidate.

When we construct a neutral candidate using EMC, we build candidates from "bump" information based, not EMC "cluster".

But error calculation is previously made by EMC cluster.

I don't know exactly which one has more fundamental information and is placed more high rank.

Best wishes,  
Donghee