
Subject: Re: Update on eta_c reconstruction with STT and TPC
Posted by [Dima Melnychuk](#) on Wed, 27 Jul 2011 09:42:46 GMT
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Hi Elisa,

I assume that this problem is related to recent modifications of MDT classes. So if you use the trunk version of mdt you probably should use mdt geometry instead of

```
PndMdt *Muo = new PndMdt("MDT",kTRUE);  
Muo->SetBarrel("fast");  
Muo->SetEndcap("fast");  
Muo->SetMuonFilter("fast");  
Muo->SetMdtMagnet(kTRUE);  
Muo->SetMdtMFIron(kTRUE);  
fRun->AddModule(Muo);
```

the definition as in macro/mdt/sim_muon_dub.C

```
PndMdt *Muo = new PndMdt("MDT",kTRUE);  
Muo->SetMdtMagnet(kTRUE);  
// Muo->SetMdtMFIron(kFALSE);  
Muo->SetMdtCoil(kTRUE);  
Muo->SetBarrel("muon_TS_barrel_strip_v1_noGeo.root");  
Muo->SetEndcap("muon_TS_endcap_strip_v1_noGeo.root");  
Muo->SetForward("muon_Forward_strip_v1_noGeo.root");  
Muo->SetMuonFilter("muon_MuonFilter_strip_v1_noGeo.root");  
fRun->AddModule(Muo);
```

To be honest I didn't try it by myself, I use previously generated simulation data and repeat only from digitization stage.

But here I have a question to Johannes, if the modified padplane file comes to simulation or digitization stage?

Dima
