

Dear Friends

I got following error after updating the pandaroot (trunk) during run_sim_stt_evt.C

////////////////////////////////////

```
BBBB->33
cccc->12647
Info in <TGeoManager::CheckGeometry>: Fixing runtime shapes...
Info in <TGeoManager::CheckGeometry>: ...Nothing to fix
Info in <TGeoManager::CloseGeometry>: Counting nodes...
Info in <TGeoManager::Voxelize>: Voxelizing...
Info in <TGeoManager::CloseGeometry>: Building cache...
Info in <TGeoNavigator::BuildCache>: --- Maximum geometry depth set to 100
Info in <TGeoManager::CloseGeometry>: 1986492 nodes/ 3131 volume UID's in FAIR
geometry
Info in <TGeoManager::CloseGeometry>: -----modeler ready-----
=====
===== DRC:: ConstructOpticalGeometry() =====
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface MirrSurface. Not applicable
in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface BarMirrSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface MirrSurface.
Not applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface EVSurface. Not applicable
in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVAirSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface EVSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::DefineOpSurface>: Called for surface PDSurface. Not applicable
in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetBorderSurface>: Called for border surface EVPDSurface. Not
applicable in Geant3 - setting is ignored.
Warning in <TGeant3TGeo::SetMaterialProperty>: Called for material surface PDSurface. Not
applicable in Geant3 - setting is ignored.
===== DRC::ConstructOpGeometry -> Finished! =====
PndTpcDetector::SetSpecialPhysicsCuts() Working on medium TPCmixture
```

```
*****
PndTpcDetector::SetSpecialPhysicsCuts():
  using special physics cuts ...
  using LOSS=5 for ALICE MC model
*****
```

```
-I- Initializing PndSdsDetector()
```

```
*****
PndEmc::SetSpecialPhysicsCuts():
  using special physics cuts ...
*****
```

```
-I- Initializing PndGemDetector()
-I- PndDrc: Intialization started...
-I- PndDrc: Switching OFF Cherenkov Propagation
bar 1 id = 3023
-I- PndDrc: Intialization successfull
[INFO ] Initialize Tasks-----
INITIALIZATION *****
Not found tci for index = 229000010 in PndEmcStructure
linux-1djj:/home/pandaroot/fairroot/trunk/macro/run/03MY/test #
////////////////////////////////////
```

Plz help me regarding this.

Subject: Re: Not found tci for index
Posted by [Dima Melnychuk](#) on Wed, 19 Oct 2011 11:11:55 GMT
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Hi,

Due to changes in EMC code, numeration of EMC geometry versions has been changed but it was not updated in all the macros.

So, please check that in your macro in:

```
PndEmc *Emc = new PndEmc("EMC",kTRUE);
Emc->SetGeometryVersion(2);
Emc->SetStorageOfData(kFALSE);
fRun->AddModule(Emc);
```

Emc->SetGeometryVersion(2); or Emc->SetGeometryVersion(1);
is used.

Dima

Subject: Re: Not found tci for index
Posted by [StefanoSpataro](#) on Wed, 19 Oct 2011 11:45:08 GMT

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Hi,
if you are using run_sim_stt_evt.C, why the tpc geometry is appearing:

PndTpcDetector::SetSpecialPhysicsCuts() Working on medium TPCmixture

```
*****  
PndTpcDetector::SetSpecialPhysicsCuts():  
using special physics cuts ...  
using LOSS=5 for ALICE MC model  
*****
```

?
Maybe you have also messed up something else.

Subject: Re: Not found tci for index
Posted by [rajududhat](#) on Wed, 19 Oct 2011 12:36:45 GMT
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Dear Friends

Thanks for solution.
