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Subject: Error while opening Primary Vertex branch of Tree in CBM root  
Posted by [Sudhir](#) on Tue, 23 Aug 2016 10:46:44 GMT

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Hello Everyone,

I need your help.

I have installed trunk CBM root. I am trying to plot invariant mass spectra of dimuons. for that I have taken `jpsi.root` as input signal and `urqmd.auau.10gev.cent.root` as background input to `much_sim.C` macro and I ran `much_seg_sector.C` macro. Then I was trying run `much_reco.C` macro in cbm root trunk. then I got the reconstruction root file which contains the branches like `global trcks`, `much tracks`, `primary vertex` etc.

My problem is that when I try to open the primary vertex branch, it gives me following error

```
Error in <TTreeFormula::Compile>: Bad numerical expression :
"PrimaryVertex.PrimaryVertex.fX"
Info in <TSelectorDraw::AbortProcess>: Variable compilation failed:
{PrimaryVertex.PrimaryVertex.fX,}
Error in <TTreeFormula::Compile>: Bad numerical expression :
"PrimaryVertex.PrimaryVertex.fY"
Info in <TSelectorDraw::AbortProcess>: Variable compilation failed:
{PrimaryVertex.PrimaryVertex.fY,}
Error in <TTreeFormula::Compile>: Bad numerical expression :
"PrimaryVertex.PrimaryVertex.fZ"
Info in <TSelectorDraw::AbortProcess>: Variable compilation failed:
{PrimaryVertex.PrimaryVertex.fZ,}
Error in <TTreeFormula::Compile>: Bad numerical expression :
"PrimaryVertex.PrimaryVertex.fChi2"
Info in <TSelectorDraw::AbortProcess>: Variable compilation failed:
{PrimaryVertex.PrimaryVertex.fChi2,}
Error in <TTreeFormula::Compile>: Bad numerical expression :
"PrimaryVertex.PrimaryVertex.fNDF"
Info in <TSelectorDraw::AbortProcess>: Variable compilation failed:
{PrimaryVertex.PrimaryVertex.fNDF,}
Error in <TTreeFormula::Compile>: Bad numerical expression :
"PrimaryVertex.PrimaryVertex.fNTracks"
Info in <TSelectorDraw::AbortProcess>: Variable compilation failed:
{PrimaryVertex.PrimaryVertex.fNTracks,}
```

Actually I have seen that the co-ordinates of primary vertices were being printed as output but I think it not filled in tree.

Can anyone help me regarding this?