Subject: Re: Wrong particle in FillList
Posted by Simone Esch on Tue, 30 Jul 2013 12:27:22 GMT

Hello Everyone!

I see the same things in my Lambda LambdaBar analysis on Rev:20693

I made the following histogram to show some numbers:

On the X-Axis are my four lists i filled. On the Y-axis are from bin one to four the right assigned, bin 5 is the sum of wrong assigned particles and from bin 6 to 15 the type of the wrong assigned particles.

I filled the lists the following:

theAnalysis->FillList(protonplus,"ProtonLoosePlus");
theAnalysis->FillList(protonminus,"ProtonLooseMinus");
theAnalysis->FillList(pionplus,"PionLoosePlus");
theAnalysis->FillList(pionminus,"PionLooseMinus");

And I aked for the MC pdg code like that:

protonplus[y]->GetMcTruth()->PdgCode()

Best regards

Simone

File Attachments
1) wrongassignedlist.png, downloaded 1137 times

fWrongAssignedList

	Proton List	Antiproton List	Piplus List	Piminus List
other	35		35	
pi minus			64	
pi plus				57
pbar	29			
p		51		
lambdabar				
lambda				
e-				
e+				
gamma	113	4	113	4
neutron	122	7	122	7
sum wrong	299	62	334	68
pi minus right				8686
pi plus right			8458	
pbar right		7990		
p right	10434			

Legend box (partially visible):
fWrongAs...
Entries
Mean x
Mean y
RMS x
RMS y