Subject: Photons reconstruction
Posted by Elisa Fioravanti on Wed, 23 Apr 2014 09:14:44 GMT
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Hello,

I simulated photons in a momentum range [100 MeV, 1 GeV] using the fast simulation, with Box Generator.
I simulated 1000 events and I reconstructed only 241 photons.
If I look to the theta distribution of the photons there is an hole between 20° and 140°.

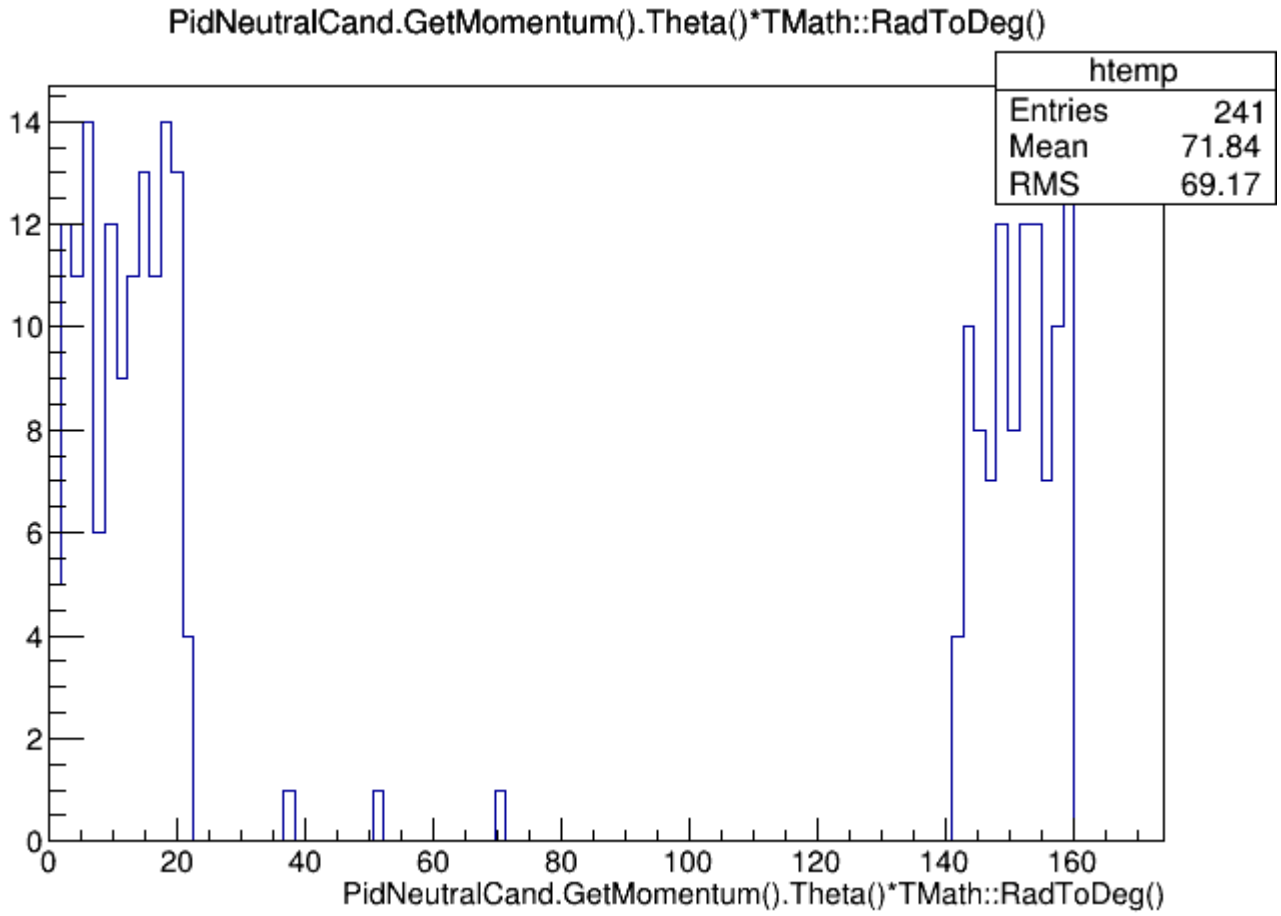
I attach the simfast.C and the theta distribution figure.
The pandaroot version is 24621.

Any idea?

Thanks in advance
Elisa

File Attachments

1) theta.png, downloaded 1268 times



2) simfast.C, downloaded 977 times