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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?

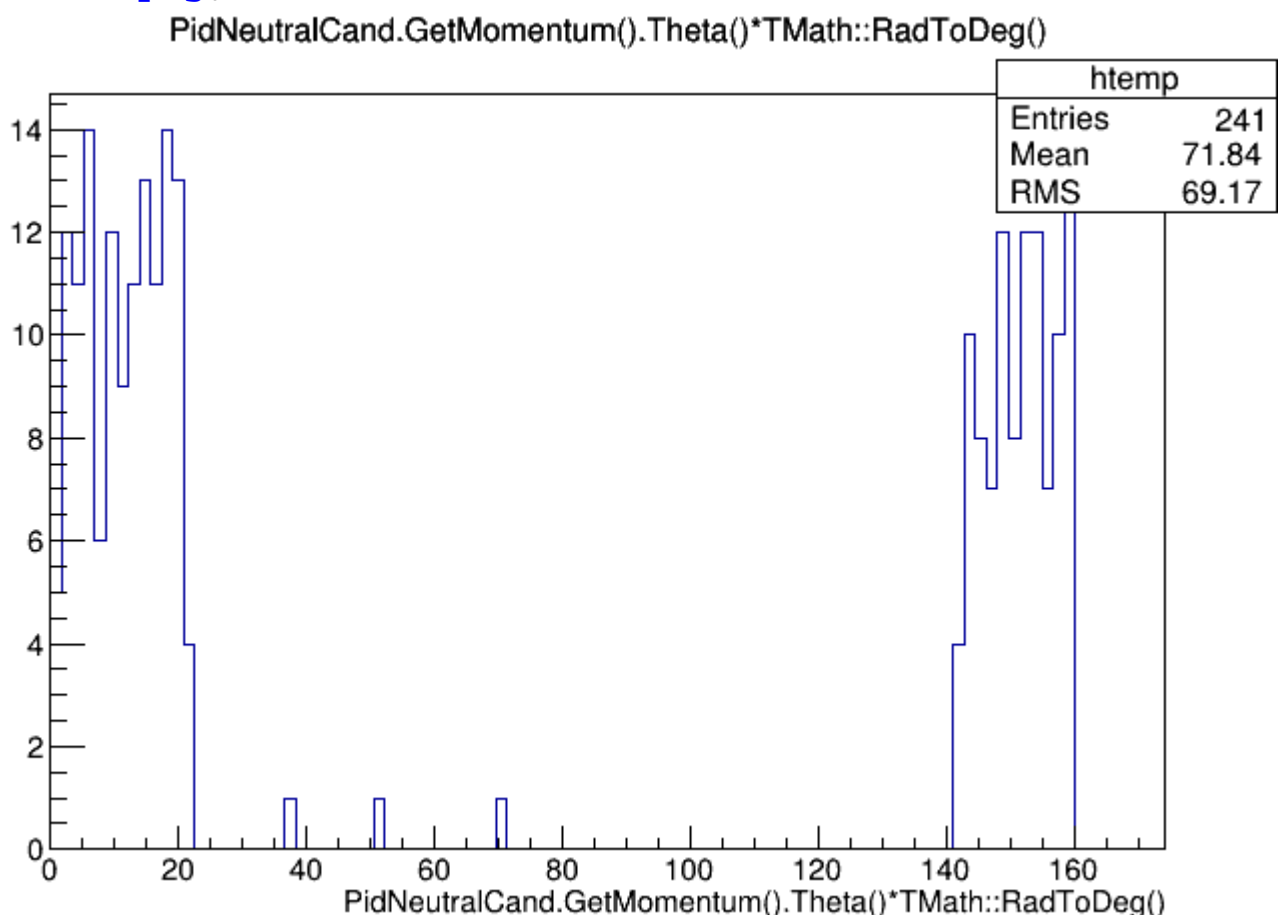
Thanks in advance

Elisa

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### File Attachments

1) [theta.png](#), downloaded 477 times



2) [simfast.C](#), downloaded 501 times

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