
Subject: Re: Problems with photon reconstruction in pandaroot

Posted by [Stefano Spataro](#) on Fri, 06 Sep 2013 22:23:29 GMT

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I have tried with my trunk 21608.

If i use the macro as it is, to run 100 events it takes a lot of time, something like 7 minutes.

Using an energy selector from 20 MeV, as suggested by Klaus:

```
theAnalysis->FillList(gammas, "Neutral");  
double E_min = 0.02; // your energy threshold  
RhoEnergyParticleSelector *GamEnSel=new  
RhoEnergyParticleSelector("gam",E_min+50.,100.);  
gammas.Select(GamEnSel);
```

less than 20 seconds. It removes a lot of low momentum background.