
Subject: Re: GEM 'realistic' track finding

Posted by [Radoslaw Karabowicz](#) on Thu, 30 Jul 2009 14:08:09 GMT

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QA results again,

this time with larger statistics (50k events with 2 particles per event), I have also extended the momentum and theta range of emitted particles:

```
boxGen->SetThetaRange(2,30);  
boxGen->SetPhiRange (0.,360.);  
boxGen->SetPRange (0.2,10.);
```

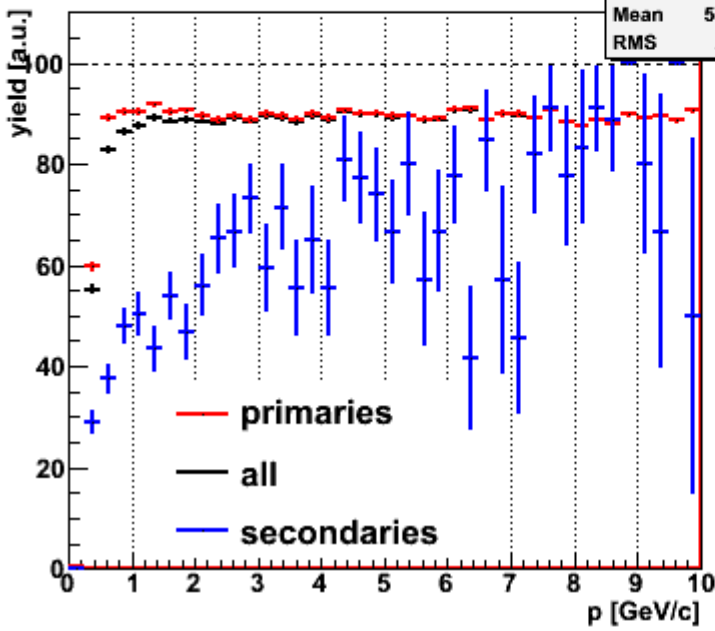
yours, radek

File Attachments

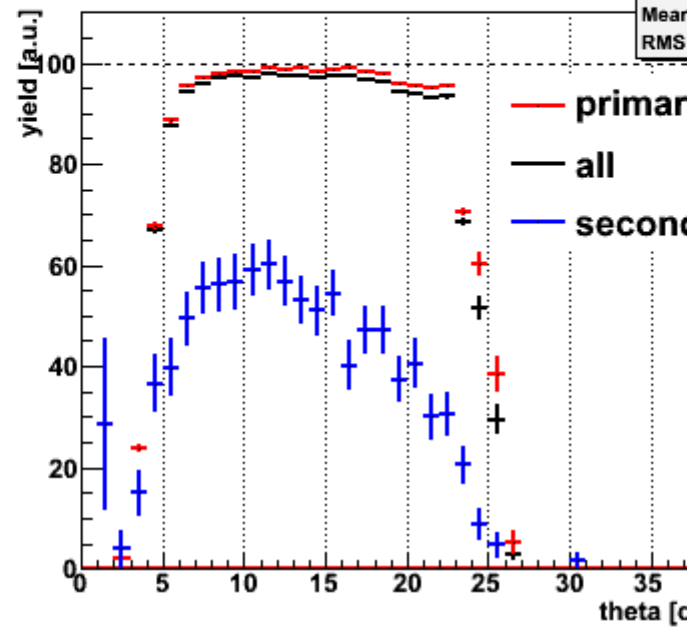
1) [GemTrackFinderQACanvas_2part_n50000.gif](#), downloaded 993 times

Gem Track Finder

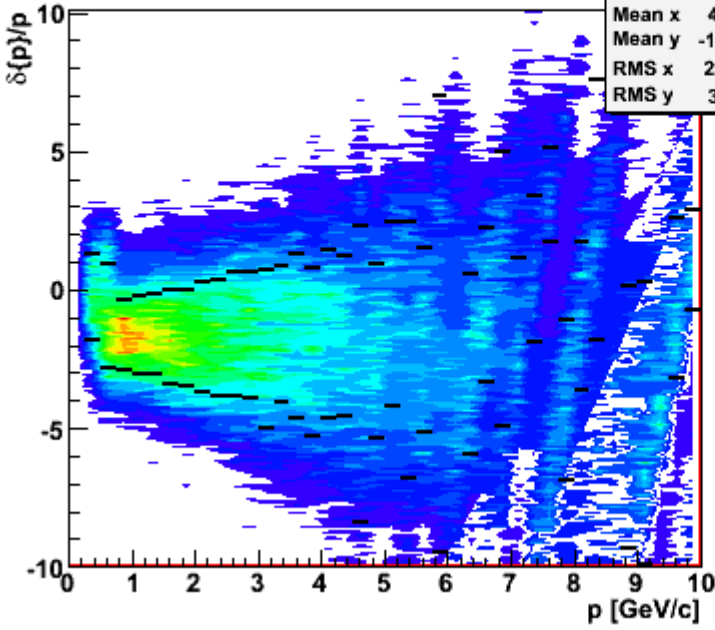
Efficiency vs momentum



Efficiency vs theta



momentum resolution for primary tracks



nof hits per reco track

