
Subject: Re: MC data productions

Posted by [Claudia Höhne](#) on Mon, 01 Oct 2007 15:13:57 GMT

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Dear colleagues,

first results of a test of the AUG07 MC data production concerning RICH, see also <http://cbm-wiki.gsi.de/cgi-bin/view/CbmRoot/CbmSoft071004>:

* RICH data in AUG07 MC data production

o data from MC production "AUG07" (Debian3.1, cbmroot built with cmake) and "AUG07_auto" (Debian3.1, cbmroot built with autotools) look normal, see result of test macro CbmRichTestSim:

- + [urqmd.auau.25gev.centr_1000ev_AUG07.ps](#)
- + [urqmd.auau.25gev.centr_1000ev_AUG07_auto.ps](#)

o data from MC production "AUG07_d64" (Debian64, cbmroot built with cmake) look strange, something is going wrong with the Cherenkov photons:

- + [urqmd.auau.25gev.centr_1000ev_AUG07_d64.ps](#)
- + their number per electron is reduced by a factor 5-6
- + rings are not well projected onto the photodetector plane but points scatter wildly

Best regards,
Claudia

File Attachments

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- 1) [urqmd.auau.25gev.centr_1000ev_AUG07.ps](#), downloaded 500 times
 - 2) [urqmd.auau.25gev.centr_1000ev_AUG07_auto.ps](#), downloaded 469 times
 - 3) [urqmd.auau.25gev.centr_1000ev_AUG07_d64.ps](#), downloaded 457 times
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