
Subject: Beam emittance in CBMROOT

Posted by [Sergey Belgourov](#) on Mon, 30 Nov 2009 14:53:38 GMT

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Dear collegus,

the realistic beam at CBM target position will have not only spacial smearing, accessible by

`SetBeam(x0, y0, sigmaX, sigmaY)`,

but also angular divergence. In principle it is not gaussian, taking into account collimators, even not double gaussian. However at the present 2D gaussian angular smearing would be sufficient.

Can I ask cbmroot team to implement such feature into CbmIonGenerator?

Thanks,
Sergey