
Subject: Re: B field scaling for PANDA

Posted by [Bertram Kopf](#) on Thu, 29 Jan 2009 17:14:18 GMT

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Hi Ola, hi Mohammad,

Quote:

about the beam momenta, does it have any other use here except the correlation with the scale of the map? and what about having this as a run parameter? I am planning to add a RunInfo class which should hold all run parameters (cuts, processes, event generators and so on!)

do you think it will be enough to have it there?

to have easy and global access to the beam momentum infos is of course very helpful. Another important example is the kinematic fitter (4C fit). Here the complete 4vector of the pbar p or pbar A system, the beam spread (error matrix) and the beam spot (+ spatial resolution) are the input parameters for the 4C fit. I would prefer to call the class EventInfo since the parameters can be changed within one run. What do you think?

Cheers,
Bertram.
