Subject: Re: failure of QA macro of EMC reconstruction
Posted by Johan Messchendorp on Sat, 05 Dec 2009 23:35:23 GMT
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Hi,

I only checked the spectra on one of the machines (suse-enterprise, gcc4.3.2, 64-bit, rev. 7276). The QA checks report problems on most of the other machines as well, with all a positive shift in delta-phi (albeit all small). I changed the QA macro now with 1000 events, which for the average one should get a very precise number. There might be a logic mistake in the macro, but to me it looked fine. Could you take a look at QAmacro_emc_3.C and maybe try to run it with high statistics on your machine?

Actually, looking at your PDF file, I do see a statistically significant shift in the mean of delta-phi as well, also positive.

Greetings,

Johan