Subject: pi0 in fast simulation
Posted by Ronald Kunne on Fri, 18 Apr 2014 15:00:26 GMT
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Hi there,

I compared pbar p -> e+ e- pi0 both in Full and Fast simulation.

Conclusions: the lack of bremsstrahlung and pair production makes electron and pizero resolution a bit too good in my opinion. The problem is that the Full simulation produces a lot of background in the EMC that spoils the resolution and reconstruction of the particles.

See the uploaded pdf file.

Friendly greetings,
Ronald Kunne

File Attachments

1) piz140417.pdf, downloaded 532 times