

Subject: Re: improvement of DPM

Posted by [Aida Galoyan](#) on Mon, 04 Jun 2012 14:22:34 GMT

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Hi all,

I have improved pi+pi- mass distribution in DPM. For this, quark mass distribution is improved, and production of f2 meson is added for the first time in DPM generator.

I attached fig., where pi+pi- mass distributions for pbar-p annihilation events at $P_{lab}=9.1$ GeV/c are calculated by new version of DPM, model FTF in GEANT4 and UrQMD+SMM model.

As you can see, calculations by DPM reproduce exp. data given by points better than other models.

Aida

File Attachments

1) [an_DPMFTF.gif](#), downloaded 819 times

