Subject: Re: improvement of DPM
Posted by Aida Galoyan on Mon, 04 Jun 2012 14:22:34 GMT
View Forum Message <> Reply to Message

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 Plab=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 975 times

