Subject: Re: Fast simulation - MCTrack block
Posted by Lu Cao on Tue, 01 Apr 2014 11:20:35 GMT
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Hi Elisabetta,

Perhaps I found the problem there, in your decay file you make the decay chain start from "pbarpSystem", but in the simfast.C "pbarpSystem0" is set as the initial particle. From the evt.pdl list,

```
*     type      name              id  mass/GeV width/GeV max_Dm/GeV 3*charge 2*spin
lifetime*c/mm Lund-KC
add  p Special    pbarpSystem      88888  2.98          0.1     0      0      0      0 88888
add  p Special    pbarpSystem0     88880  2.98          0.1     0      0      0      0 88880
```

they're two "different" particles although they look the same here except the pdgcode. Anyway, no matter which one you prefer to use, it's needed to make them consistent in decay file and sim macro.

Best,
Lu