Subject: [Solved]Problem with PndEvtGenDirect
Posted by Tobias Weber on Wed, 06 Jul 2011 08:00:11 GMT
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Hi,

I'm simulating the decay X(3872) to mu+mu- pi+pi- in the final state. But I observe a strange behaviour for EvtGenDirect and Geant3. Instead of 4 particles in the final state Geant tells me that I gets 6 particles from EvtGen. These particles seem to be additional muons with p=7Gev/c and Th=Phi=0.
If I use EvtGen to create a output.evt and use this for the simulation everything looks fine. I attaced the decay file, simulation macro and some plots.
I use PandaRoot 11145 and Fairsoft may.

Cheers,
Tobias

File Attachments

1) MC_angles_e.pdf, downloaded 720 times
2) momentum_e.pdf, downloaded 718 times
3) run_sim_tpccombi.C, downloaded 786 times
4) X3872_mu_np.dec, downloaded 736 times