Hi Stefano, I disagree.

I think the user should actually not be discouraged to change evt.pdl.

1.) Our evt.pdl is hopelessly out of date, many masses and widths are wrong (it means different from PDG).

2.) The default width of the pbarsystem 0.1 GeV is definitely wrong (should be zero) and if we are not mistaken, it is probably not initialized by EvtGen with a "reasonable value". At least I see different results if you keep the default or you put in zero width "by hand" in the evt.pdl.

The default pbarpsystem mass of 2.98 GeV is maybe the eta_c mass. As Klaus says, it is overwritten when EvtGen starts, but you see what happened here: somebody put in whatever value into evt.pdl and then checked it into svn.

3.) modifying evt.pdl is still the best way to introduce a new particle.

So, I think, if you want to show any PandaRoot result on a conference (we want to show on the CHARM'13 in 3 weeks from now), we have to check and maybe modify the evt.pdl.

cheers, Soeren