
Subject: Re: 4Cfit

Posted by [StefanoSpataro](#) on Tue, 13 May 2014 14:01:55 GMT

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In this way you are starting from a $\psi(4160)$ state, which has a mass well fixed, and evtgen does not take care that you set 8 GeV/c as momentum, it is automatically calculating the momentum from the ψ mass.

($p=8.352$ and $energy=9.342$). Then most probably 8 GeV/c are not enough to form such a state.

The alternative is to start from a $p\bar{p}$ System (in both sim and dec), and in such a case your 8 GeV/c will be set. But i think that with this low momentum evtgen will now have the $\psi(4160)$ mass.
