
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 88888
add	p Special	pbarpSystem0	88880	2.98	0.1	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
