Subject: PdgCode > 1000000000 ?

Posted by Tobias Stockmanns on Tue, 12 Feb 2008 10:07:36 GMT

Dear developers,

I am a bit puzzled about tracks with a PdgCode > 10^9. Does somebody know what they are?

I did a simulation with the box generator and two pions coming from the interaction point and momenta between 0.01 and 1 GeV/c.

In some cases the pion creates new particles with very high PDG codes:
TrackID: 1828 PdgCode: 1000140280 StartVertex: 13.0265/0.646198/5.33526 <- TrackID: 0 PdgCode: 211 0/0/0

Ciao,

Tobias