NOvA-ART - Bug #1365

Rare very-large-time FLSHits

06/10/2011 06:33 PM - Ryan Patterson

Status:	Rejected		**Start date:**	06/10/2011
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description

About 1 out of every 10k FLSHits in a cosmic file I'm looking at (assumed representative) has a time of order 1e11 or 1e12 ns. My guess is that in certain cases, the Monte Carlo (g4nova?) is double-correcting from seconds to nanoseconds. This is a minor problem unless it is indicative of a deeper hidden problem. In the file I've been using, these bad hits are always induced by an electron (according to FLSHit::fPDG).

Someone familiar with g4nova might try to track this down at least to confirm that something isn't horribly broken.

History

#1 - 11/15/2016 04:55 PM - Alexander Himmel

- Status changed from New to Rejected