

MAUS - Bug #1454

NaN in SciFi PR tracks

11 April 2014 01:00 - Rajaram, Durga

Status:	Closed	Start date:	11 April 2014
Priority:	Normal	Due date:	
Assignee:	Dobbs, Adam	% Done:	100%
Category:	Tracker	Estimated time:	0.00 hour
Target version:	Future MAUS release		
Workflow:	New Issue		
Description			
SciFiHelicalPRTrack::_chisq_dof is sometimes NaN and gets written to the json output as a nan			
<pre>"chisq_dof":-nan</pre>			
When one tries to use this as an input, the JSON parser thinks nan is a string, but since it's not encapsulated within quotes, the decoding fails.			
See Issue #1453 and see attached example of offending json			
If the fit fails or if n_points is 0, chisq_dof should be set to some nonsense value instead of letting it remain not-a-number Should probably also check if there are other potential NaN sources			
Related issues:			
Related to MAUS - Bug #1453: MAUS skipping events		Closed	09 April 2014

History

#1 - 07 May 2014 15:10 - Dobbs, Adam

Should now be fixed in tracker branch. Waiting for merge to trunk.

#2 - 18 June 2014 02:34 - Rajaram, Durga

- Status changed from Open to Closed

- % Done changed from 0 to 100

Files

spill23.json	158 KB	11 April 2014	Rajaram, Durga
--------------	--------	---------------	----------------