

GammaLib - Bug #1918

Simulation gets stuck with Prod3b IRFs

02/01/2017 04:17 PM - Knödlseider Jürgen

Status:	Closed	Start date:	02/01/2017
Priority:	Normal	Due date:	
Assigned To:	Knödlseider Jürgen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.2.0		
Description			
Lili Yang reported the following problem:			
I am not sure if this is a bug for ctools with new prod3b irfs. But I think it might be good to report this to you. For simulation with mapcube files or other point sources, ctools are working well. However, when I simulate only background events as attached, the simulation stuck at some point.			
\$ ctobssim RA of pointing (degrees) (0-360) [266.364] Dec of pointing (degrees) (-90-90) [-28.9938] Radius of FOV (degrees) (0-180) [5.0] Start time (MET in s) [0.0] End time (MET in s) [180000] Lower energy limit (TeV) [0.03] Upper energy limit (TeV) [100.0] Calibration database [prod3b] Instrument response function [South_TS_z20_50h] Input model XML file [crab.xml] cr.xml Output event data file or observation definition XML file [crab_500h.fits] cr_500h.fits			

History

#1 - 02/01/2017 05:29 PM - Knödlseider Jürgen

- Status changed from New to Closed
- Assigned To set to Knödlseider Jürgen
- Target version set to 1.2.0
- % Done changed from 0 to 100

The GCTABackground3D::mc() method now verifies that the specified energy is within the validity range of the background template. Otherwise an exception is thrown. The code has been merged into devel.

#2 - 02/01/2017 05:30 PM - Knödlseider Jürgen

- Project changed from ctools to GammaLib
- Target version deleted (1.2.0)

#3 - 02/01/2017 05:30 PM - Knödlseider Jürgen

- Target version set to 1.2.0

Files

cr.xml	580 Bytes	02/01/2017	Knödlseider Jürgen
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