

## ctools - Bug #1452

### Use of diffuse model cube leads to a large counts rate in event simulations

03/26/2015 07:42 PM - Knödseder Jürgen

<b>Status:</b>	Closed	<b>Start date:</b>	03/26/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödseder Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0.0		
<b>Description</b>			
Using a standard GALPROP model leads to a huge event rate in simulations:			
2015-03-26T18:37:51: *** ERROR encountered in the execution of ctobssim. Run aborted ...			
2015-03-26T18:37:51: *** ERROR in ctobssim::simulate_source(GCTAObservation*, GModels&, GRan&, GLog*): Invalid value. Photon rate 1.86532e+17 photons/sec for model "GALPROP" exceeds maximum allowed photon rate of 1e+06 photons/sec. Please check the model parameters for model "GALPROP" or increase the value of the hidden "maxrate" parameter.			

#### History

##### #1 - 03/26/2015 07:43 PM - Knödseder Jürgen

- Subject changed from Use of diffuse model cube leads to a large counts rant to Use of diffuse model cube leads to a large counts rate in event simulations

- Description updated

##### #2 - 03/28/2015 11:14 AM - Knödseder Jürgen

- Project changed from GammaLib to ctools

##### #3 - 03/28/2015 11:14 AM - Knödseder Jürgen

- Status changed from New to Closed

- Assigned To set to Knödseder Jürgen

- Target version set to 1.0.0

- % Done changed from 0 to 100

The rate computation was not valid for a diffuse map cube. This problem has been fixed now.