GammaLib - Action #3439

Add GSkyModel::flux() method that returns correct flux for diffuse cube models

11/07/2020 12:15 PM - Knödlseder Jürgen

Status:	Closed	Start date:	11/07/2020)
Priority:	High	Due date:		
Assigned To:	Knödlseder Jürgen	% Done:	100%	
Category:		Estimated time:	0.00 hour	
Target version:	2.0.0			
Description				
double flux(const GE double eflux(const G	nergy& emin, const GEnergy& emax) nergy& emin, const GEnergy& emax, Energy& emin, const GEnergy& emax Energy& emin, const GEnergy& emax	const GSkyRegion* region) co) const;		
Related issues:				
Related issues: Related to GammaLib	- Bug # 3440: Make sure that the spatial mo	del value or n	Closed	11/07/2020

History

#1 - 11/07/2020 03:38 PM - Knödlseder Jürgen

- Related to Bug #3440: Make sure that the spatial model value or normalisation is always taken correctly into account added

#2 - 11/07/2020 03:39 PM - Knödlseder Jürgen

- Status changed from New to In Progress

- Assigned To set to Knödlseder Jürgen

- % Done changed from 0 to 90

The methods were implemented. Note that the methods with the GSkyRegion argument (that is now the first of the three arguments) correctly takes into account the normalisation factor of the spatial models, while this is not the case for the other methods.

I created issue #3440 to solve this issue before release 2.0.0.

#3 - 11/07/2020 04:20 PM - Knödlseder Jürgen

- Status changed from In Progress to Closed
- % Done changed from 90 to 100

Code merged into devel.

#4 - 11/08/2020 11:08 AM - Knödlseder Jürgen

- Related to Feature #3074: Add methods to calculate flux and energy flux errors from model parameter errors added