GammaLib - Action #759

Feature # 754 (Closed): Allow fitting of elliptical morphology shapes

Implement GCTAResponse::irf_elliptical

02/16/2013 10:26 PM - Knödlseder Jürgen

Status:	Closed	**Start date:**	02/16/2013
Priority:	Normal	**Due date:**	
Assigned To:	Knödlseder Jürgen	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:	1.0.0		

Description

The method GCTAResponse::irf_elliptical should integrate the product between model and IRF over true photon arrival direction for a given observed photon arrival direction.

History

#1 - 02/17/2013 09:31 AM - Knödlseder Jürgen

- Target version set to HESS sprint #1

#2 - 02/18/2013 02:35 PM - Knödlseder Jürgen

- Status changed from New to In Progress

- Assigned To set to Knödlseder Jürgen

Start implementation.

#3 - 02/19/2013 12:09 AM - Knödlseder Jürgen

- Status changed from In Progress to Feedback

- % Done changed from 0 to 100

- Remaining (hours) set to 0.0

Method implemented.

Note that the integration has not explicitly been restricted onto an elliptical shape, hence some integration problems may occur once a model is implemented. We may have to come back in this case and implement a more sophisticated method, yet for the time being we see if we can survive with the present code.

Note also that the code has not yet been tested as we first need to implement a real elliptical model.

#4 - 05/15/2013 09:27 AM - Knödlseder Jürgen

- Target version changed from HESS sprint #1 to 00-08-00

#5 - 12/03/2013 09:59 AM - Knödlseder Jürgen

- Status changed from Feedback to Closed

- Estimated time set to 0.00

#6 - 12/10/2013 12:19 AM - Knödlseder Jürgen

- Target version deleted (00-08-00)

#7 - 07/11/2014 04:12 PM - Knödlseder Jürgen

- Target version set to 1.0.0