

GammaLib - Action #784

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

Improve GCTAResponse integration methods for elliptical sources.

02/23/2013 05:13 AM - Knödseder Jürgen

| | | | |
|---|------------------|-----------------|------------|
| Status: | Closed | Start date: | 02/16/2013 |
| Priority: | Normal | Due date: | |
| Assigned To: | Knödseder Jürgen | % Done: | 100% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | 1.0.0 | | |
| Description The actual irf_elliptical() and npred_elliptical() methods intergate over a circle rather than integrating over an ellipse. This leads to convergence problems in the integrations which considerably slow down the computations, and make things inaccurate. The integration methods have to be improved so that the integration is effectively done over the elliptical shape. | | | |

History

#1 - 02/23/2013 05:15 AM - Knödseder Jürgen

- Description updated

#2 - 05/15/2013 09:27 AM - Knödseder Jürgen

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

#3 - 12/10/2013 12:19 AM - Knödseder Jürgen

- Target version deleted (00-08-00)

#4 - 07/11/2014 04:12 PM - Knödseder Jürgen

- Target version set to 1.0.0

#5 - 10/30/2014 12:03 PM - Knödseder Jürgen

- Status changed from New to Closed

- Assigned To set to Knödseder Jürgen

- % Done changed from 0 to 100

- Remaining (hours) set to 0.0

This has been done.