GammaLib - Feature #1786

Add GCTAPsfTable class

06/08/2016 09:52 AM - Knödlseder Jürgen

Status:	Closed		**Start date:**	06/08/2016
Priority:	Normal		**Due date:**	
Assigned To:	Knödlseder Jürgen		**% Done:**	90%
Category:			**Estimated time:**	0.00 hour
Target version:	1.1.0			

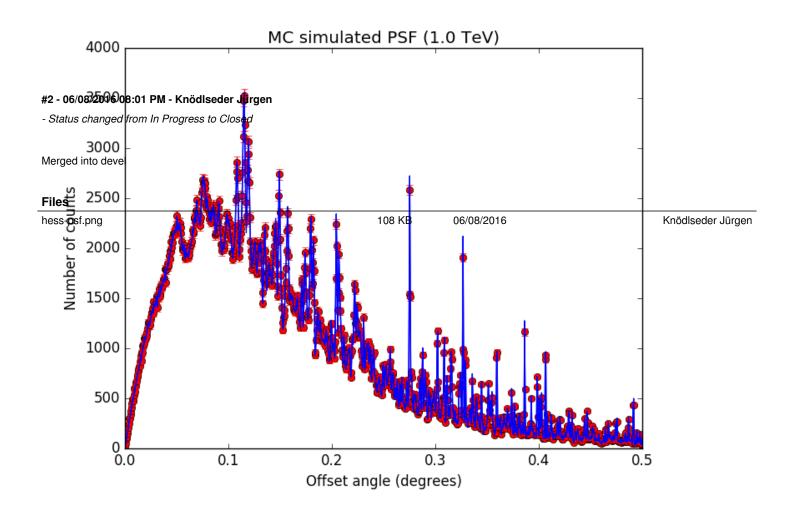| **Description** |
|---|
| The PSF table stores a point spread function in form of a histogram (see https://github.com/open-gamma-ray-astro/gamma-astro-data-formats/blob/master/source/irfs/psf/psf_table/index.rst). |

History

#1 - 06/08/2016 04:21 PM - Knödlseder Jürgen

- File hess-psf.png added

- Status changed from New to In Progress

- % Done changed from 0 to 90

The class GCTAPsfTable was implemented that handles the response format. For illustration, the radial profile of the on-axis PSF at 1 TeV from a H.E.S.S. example file is shown below. I'm a bit concerned by the high noise and the structures in that profile. It needs to be seen how this impacts the likelihood computations.

#2 - 06/08/2016 08:01 PM - Knödlseder Jürgen

- Status changed from In Progress to Closed

Merged into deve

Files

hess-psf.png   108 KB   06/08/2016   Knödlseder Jürgen