

GammaLib - Feature #1786

Add GCTAPsfTable class

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

Status:	Closed	Start date:	06/08/2016
Priority:	Normal	Due date:	
Assigned To:	Knödseder 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 - Knödseder 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.

