GammaLib - Action #1110

Feature # 1036 (Closed): Implement energy resolution

Write a test case

01/28/2014 10:06 AM - Knödlseder Jürgen

Status:	Closed		**Start date:**	12/10/2013
Priority:	Normal		**Due date:**	
Assigned To:	Owen Ellis		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	Stage Florent			
Description				

History

#1 - 01/29/2014 11:34 AM - Deil Christoph

- Status changed from New to In Progress

- Assigned To set to Owen Ellis

#2 - 01/31/2014 02:54 PM - Owen Ellis

- % Done changed from 0 to 50

https://github.com/ellisowen/gammalib/tree/action_1105_b

currently a bug in the unit test - I'm working on this at the moment to resolve the issue.

#3 - 01/31/2014 10:19 PM - Knödlseder Jürgen

- % Done changed from 50 to 60

On the flight back I implemented the integration in GCTAResponse::nedisp which does basically the same as your unit test. While doing this I recognized that there were some errors in the function computation, which I corrected. Now the energy dispersion integrated to unity.

I merged in your action_1105_b, did some minor cosmetic adjustments, and this now also seems to work. So you may close the issue, unless you want to add more testing steps.

I merged the 1036-implement-energy-resolution branch into integration, as I worked in the meanwhile on the GCaldb class, and this led to a divergence of the code. So CTA energy dispersion is now implemented in GammaLib!

Still needs some testing, but at least everything compiles and all unit tests are okay.

#4 - 02/15/2014 11:33 AM - Deil Christoph

- Status changed from In Progress to Resolved

- % Done changed from 60 to 100

#5 - 02/16/2014 03:15 AM - Knödlseder Jürgen

- Status changed from Resolved to Feedback

#6 - 07/19/2014 02:10 AM - Knödlseder Jürgen

- Target version deleted (2nd coding sprint)

#7 - 10/30/2014 11:50 AM - Knödlseder Jürgen

- Status changed from Feedback to Closed

- Remaining (hours) set to 0.0

#8 - 02/18/2015 06:34 PM - Knödlseder Jürgen

- Target version set to Stage Florent