Subject: Re: Self calibration with OFFSET
Posted by miree on Wed, 08 Oct 2014 16:19:13 GMT

Hi Damian,

selfcalibration with offset is still an "experimental feature" ...
I recently introduced some openMP functions to make it run faster, but since this was causing problems on some systems where openMP was not available, I removed the offset calibration completely before the EGAN school to avoid additional problems.

If someone wants to use it, he/she has to remove the comments from the respective functions in the DSSSD.cpp (there are two functions that are completely commented). I think on GSI computers openMP is available.

But as I said, the current implementation is not extremely well tested. I have used it successfully already, and it indeed improves the quality of the gain matching (in particular for the lower energies), but it is not as reliable as the no-offset calibration yet. It can happen that the algorithm doesn't find the correct calibration values.