Subject: Re: problems with SAVGOL and POLY_SMOOTH
Posted by Helder Marchetto on Fri, 08 May 2015 14:22:01 GMT
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Maybe it's not necessary anymore to comment, but I've tried what David suggested and it works wonderfully...
If you're getting a zerod array out, then there is something doggy going on (you're using other data?).

If you want, I can send you a copy of the plot, but it looks like a savgol filter to me... The first savgol filter you suggested does not do much... you need to make it broader. But I see absolutely always NON-zero values.

Cheers,
Helder

On Friday, May 8, 2015 at 4:08:19 PM UTC+2, Francesca Scipioni wrote:
> On Friday, May 8, 2015 at 8:43:25 AM UTC-5, Francesca Scipioni wrote:
>> On Friday, May 8, 2015 at 8:23:43 AM UTC-5, David Fanning wrote:
>>> Francesca Scipioni writes:
>>>
>>>> Any idea about which can be the problem?
>>>
>>> I think your filter is too narrow. Try this:
>>>
>>>   savgolFilter = SAVGOL(8, 8, 0, 4, /double)
>>>
>>> This works well with the data you supplied.
>>>
>>> Cheers,
>>>
>>> David
>>> --
>>> David Fanning, Ph.D.
>>> Fanning Software Consulting, Inc.
>>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
>>
>> Dear David,
>>
>> the result is the same, a flat, 0 values, array
>
> Using poly_smooth with high degree values the problem i solved!