Subject: Re: Broad Peak Search Algorithm
Posted by Yngvar Larsen on Tue, 12 Mar 2013 09:47:29 GMT

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On Tuesday, 12 March 2013 10:44:07 UTC+1, Yngvar Larsen wrote:
> On Monday, 11 March 2013 23:32:16 UTC+1, mark...@gmail.com wrote:

>> Can anyone suggest a robust method or existing IDL routine that would help pick out the broad peaks only?
>
> For this kind of application, you might want to have look at the concept "significance in scale space", pioneered by Steve Marron. Examples from 1D and 2D here:
>
> http://www.unc.edu/~marron/Movies/SSS_movies.html
>
> Papers here (quite technical):
> http://www.unc.edu/~marron/marron_papers.html

And a more accessible intro here:

http://www.unc.edu/~marron/DataAnalyses/SiZer_Intro.html

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Yngvar