
Subject: Re: fitting after rebinning

Posted by [Brian Larsen](#) on Thu, 06 Dec 2007 21:21:38 GMT

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After running your code I get a curve fit error...

```
IDL> t1=gauss2dfit(a,p1,/tilt)
```

```
% Program caused arithmetic error: Floating divide by 0
```

```
% Program caused arithmetic error: Floating underflow
```

```
IDL> t2=gauss2dfit(b,p2,/tilt)
```

```
% CURVEFIT: Failed to converge- CHISQ increasing without bound.
```

```
% Program caused arithmetic error: Floating divide by 0
```

```
% Program caused arithmetic error: Floating illegal operand
```

```
IDL> t3=gauss2dfit(c,p3,/tilt)
```

```
% CURVEFIT: Failed to converge- CHISQ increasing without bound.
```

```
% Program caused arithmetic error: Floating divide by 0
```

```
% Program caused arithmetic error: Floating illegal operand
```

Which makes me wonder why it gave an answer at all... if it fails to converge doesn't that mean that the answer is no good for t2 and t3?

Cheers,

Brian

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