Subject: power law fit with a constant
Posted by suruchi on Wed, 19 Mar 2014 02:13:47 GMT
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Could anyone suggest me how to do the fitting of the following functions:

1) A + B (x^gamma) which is a power law with a constant.

without the constant, for the power law of the form " Bx^gamma " it is easy to convert to log space and linearize the problem, that is
log(y)=log(B)+gamma*(log(x)).

2) Ax^(B+Cx) : Curved power law

Any ideas!
Please let me know if I am missing to apprehend the simple solution.

In addition, I am wondering what is the original inverted function for this
LOGSQUARE: Y = a0 + a1*alog10(x) + a2 * alog10(x)^2
Is it the curved power law? Please clarify!

Thanks