
Subject: cumulative freq of lognormal distribution

Posted by [Mick Pope](#) on Wed, 19 Mar 2003 05:53:56 GMT

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</HEAD><FONT face=Arial><FONT size=2>
<BODY>
<DIV><FONT face="Comic Sans MS" size=3>Hi,</FONT></DIV>
<DIV><FONT face="Comic Sans MS" size=3></FONT>&nbsp;</DIV>
<DIV><FONT face="Comic Sans MS" size=3>I am trying to plot a log-log plot of
(what should be) a log normal distribution.&nbsp;</FONT> I calculate a cumulative
frequency for the distribution by binning the data into (in this case) radius
bins.</FONT></DIV>
<DIV><FONT face="Comic Sans MS" size=3></FONT>&nbsp;</DIV>
<DIV><FONT face="Comic Sans MS" size=3>When I plot the log-log plot my cumul.
freq axis goes from 0.01-.9999, but I only see the data in one decade, whereas
I'd like to see .9, .99, .999, .9999 as major tick intervals.</FONT></DIV>
<DIV><FONT face="Comic Sans MS" size=3></FONT>&nbsp;</DIV>
<DIV><FONT face="Comic Sans MS" size=3>Do you get what I mean?&nbsp;</FONT> So, instead
of a stright line I still get a rectangular hyperbola.</FONT></DIV>
<DIV><FONT face="Comic Sans MS" size=3></FONT>&nbsp;</DIV>
<DIV><FONT face="Comic Sans MS" size=3>I am fairly new to IDL, so my code may be
crap.</FONT></DIV>
<DIV><FONT face="Comic Sans MS" size=3></FONT>&nbsp;</DIV>
<DIV><FONT face="Comic Sans MS" size=3>Cheers</FONT></DIV>
<DIV><FONT face="Comic Sans MS" size=3></FONT>&nbsp;</DIV>
<DIV><FONT face="Comic Sans MS"
size=3>Mick...</FONT></DIV></BODY></HTML></FONT></FONT >
```
