Histograms and Probs of the 22urad data set with 8 modes 12 lognormal fitment normalized irradiance 10  $lpha_{lognormal}$ : 1.38  $eta_{lognormal}$ : 8.41 8 6 4 2

0.4

 $I_{norm}$ 

0.6

8.0

1.0

0

0.0

0.2