

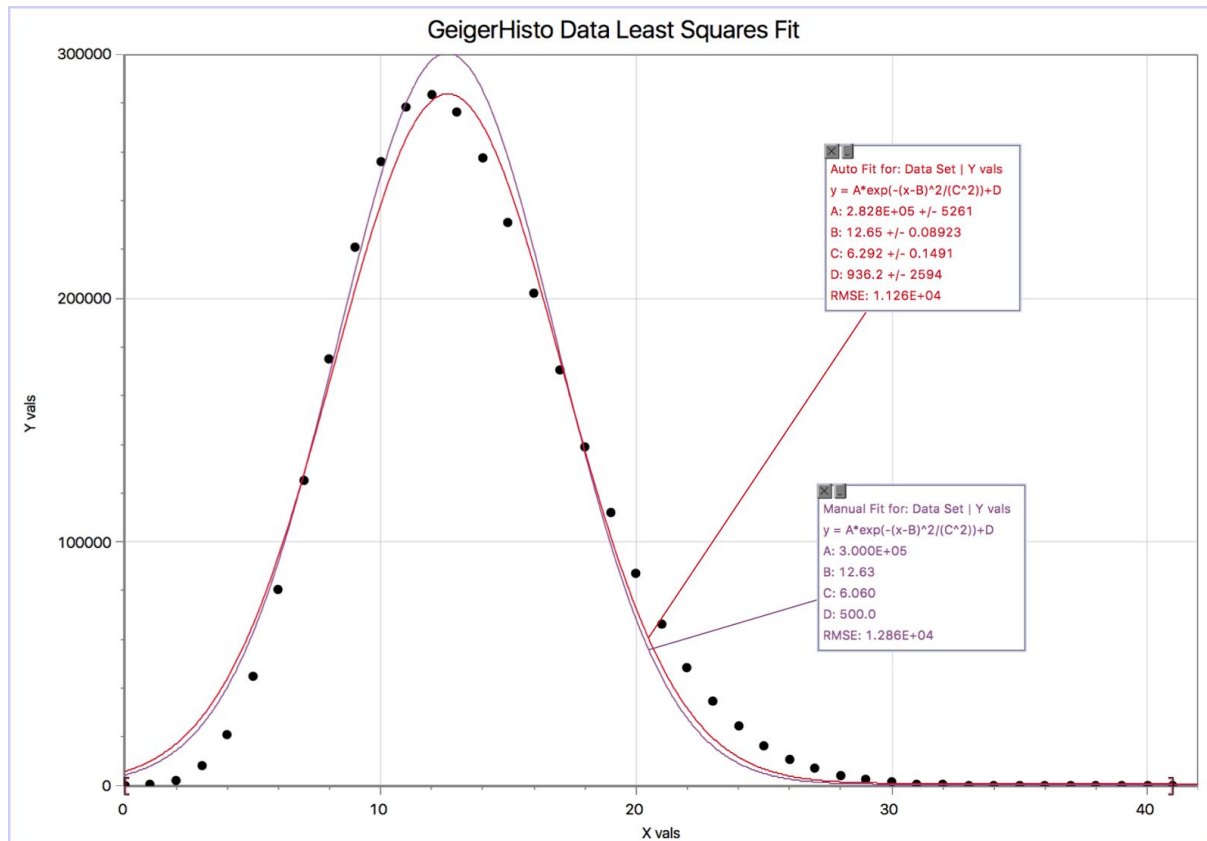
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Honors ATCS: Numerical Methods

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Least Squares Functional Fit to a Gaussian Data Set



Plot shows the values from the GeigerHisto.txt file plotted as the black dots; the red fit is the auto generated Gaussian fit using Logger Pro's algorithms, while the purple fit is my fit using my own Least Squares code set to one single Gaussian.

Error Values:

My Fit: 3.141×10^9

Logger Pro Fit: 2.410×10^9