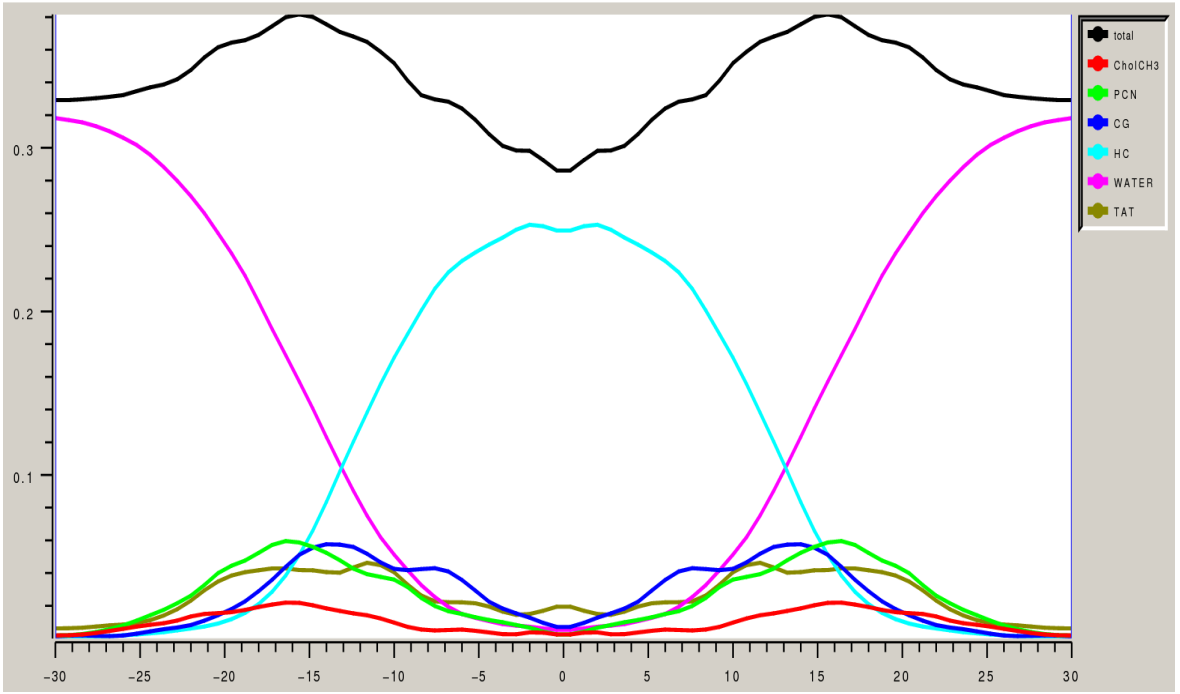
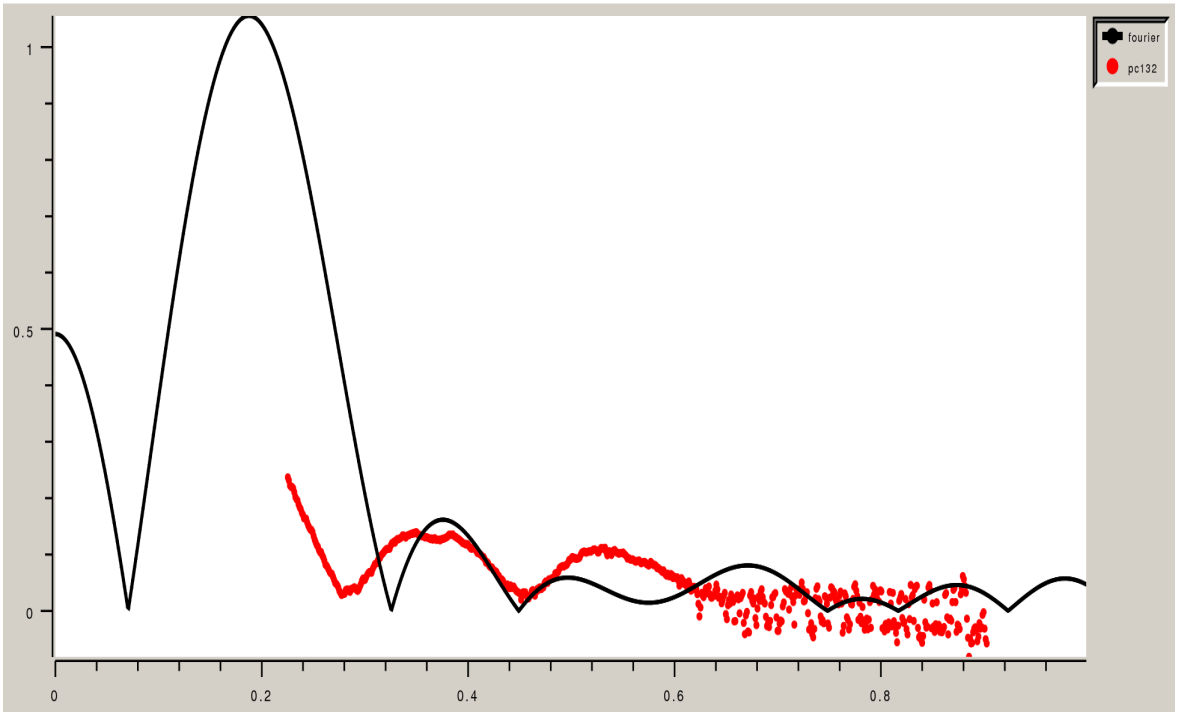
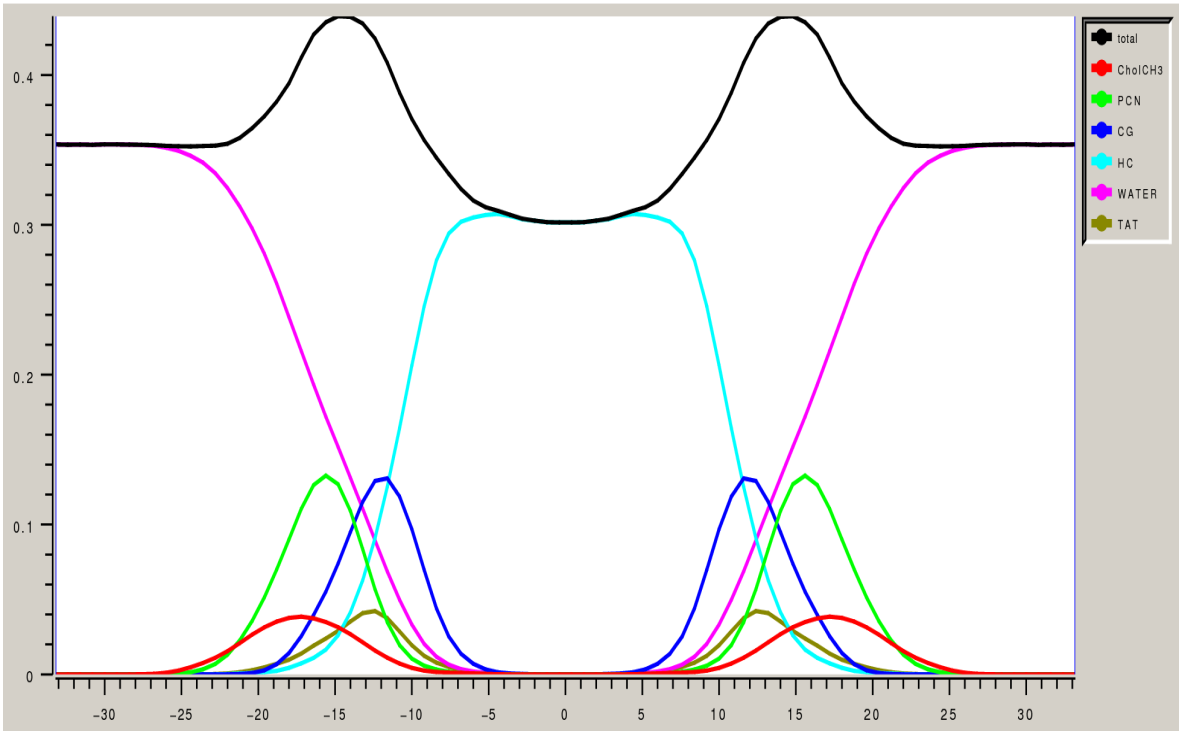


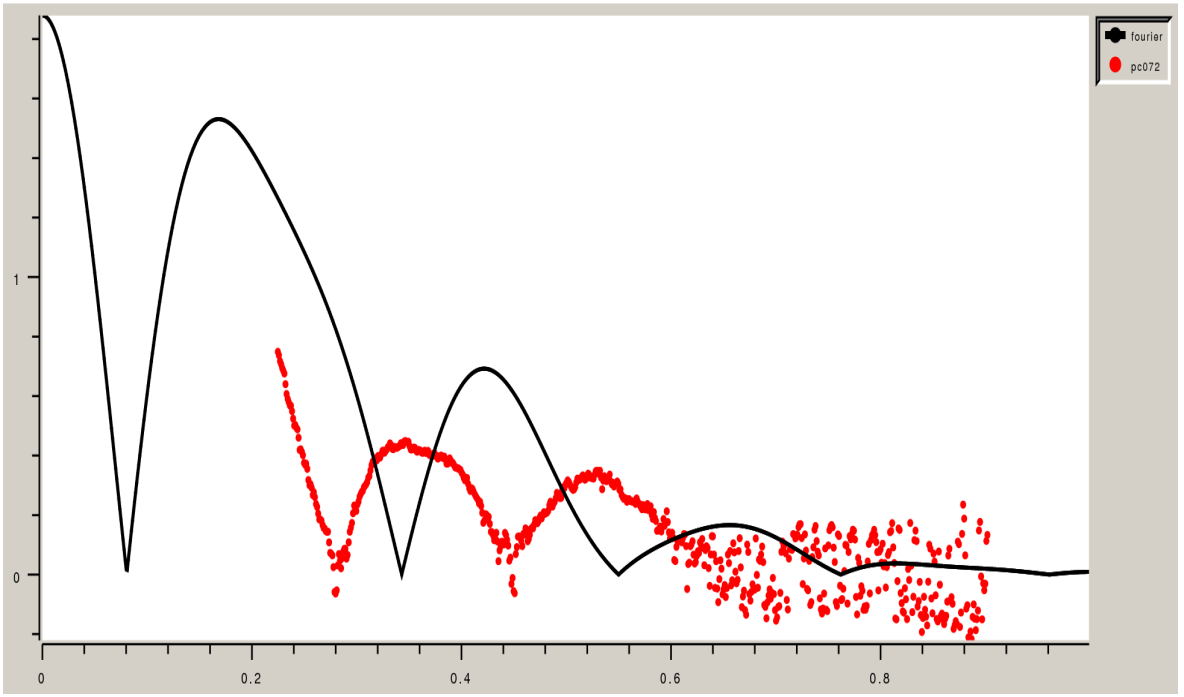
Electron density profile of simulated DOPC/Tat at
P/L = 1/12.
The profile was made symmetric about z = 0 in order to compare the simulation to the experimental form factor.
Red (CholCH3), green (PCN), blue (CG),
cyan (hydrocarbon chain), purple (water), and Tat.



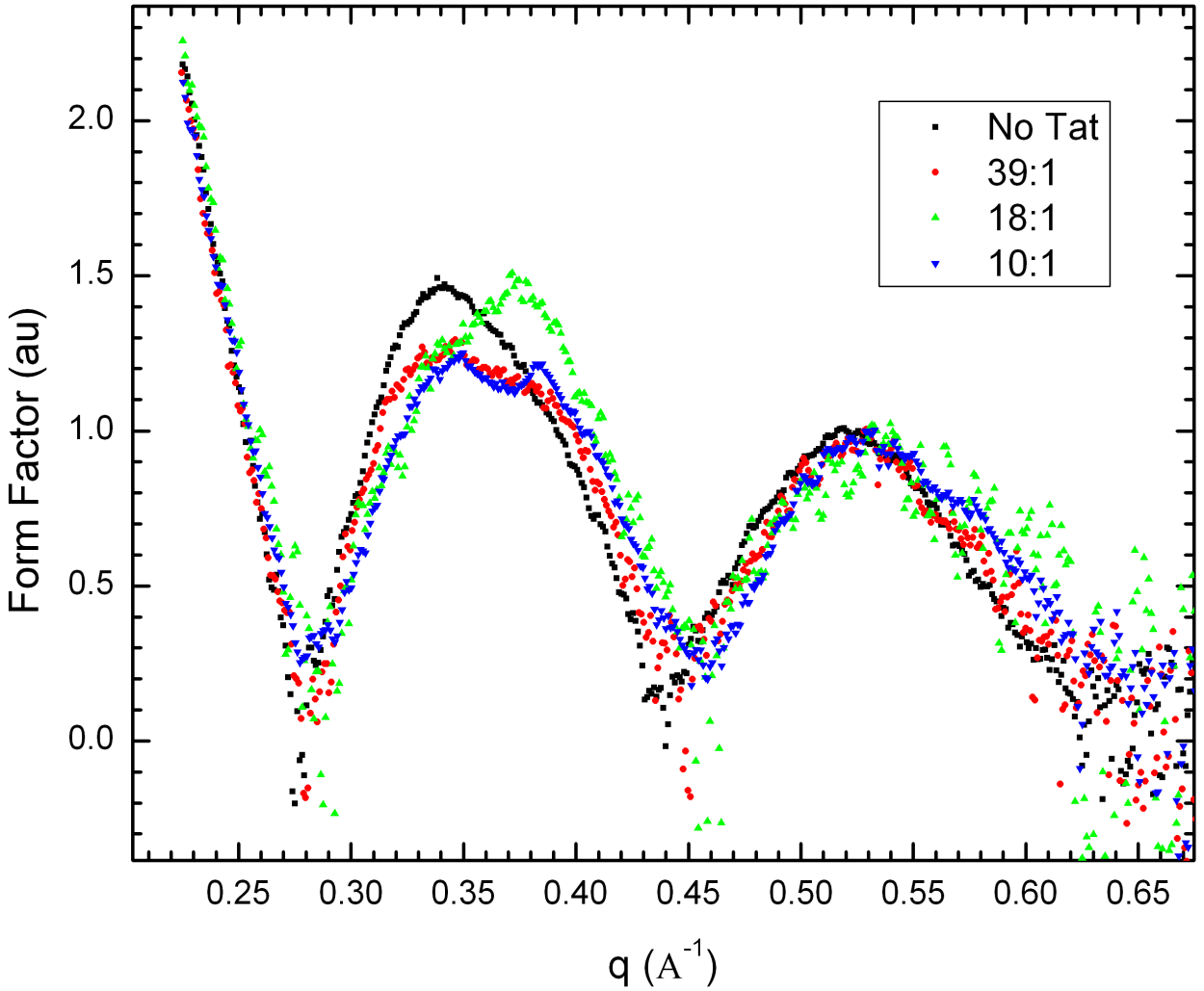
This compares the simulated and experimental form factors.
Red points are experimental data points and black solid line is the Fourier transform of the simulation.
P/L = 1/12 (simulation) and 1/10 (experiment).
D = 60 A in simulation. D = 64.9 A in experiment.



Electron density profile of simulated DOPC/Tat at P/L = 1/39.
The profile was made symmetric about z = 0 in order to compare the simulation to the experimental form factor.
Red (CholCH3), green (PCN), blue (CG),
cyan (hydrocarbon chain), purple (water), and Tat.



This compares the simulated and experimental form factors.
Red points are experimental data points and black solid line is the Fourier transform of the simulation.
P/L = 1/39 for both simulation and experiment.
D = 66.4 A in simulation. D = 66 A in experiment.



Experimental form factors of DOPC/Tat at various Peptide/Lipid (P/L) ratio.
P/L = 1/10 (blue), 1/18 (green), 1/39 (red), and pure DOPC (black).
Data are normalized at the maximum about 0.5 A^-1.
18:1 data is very noisy because I made a mistake in my experiment.
Slight shifts in minima are observed.