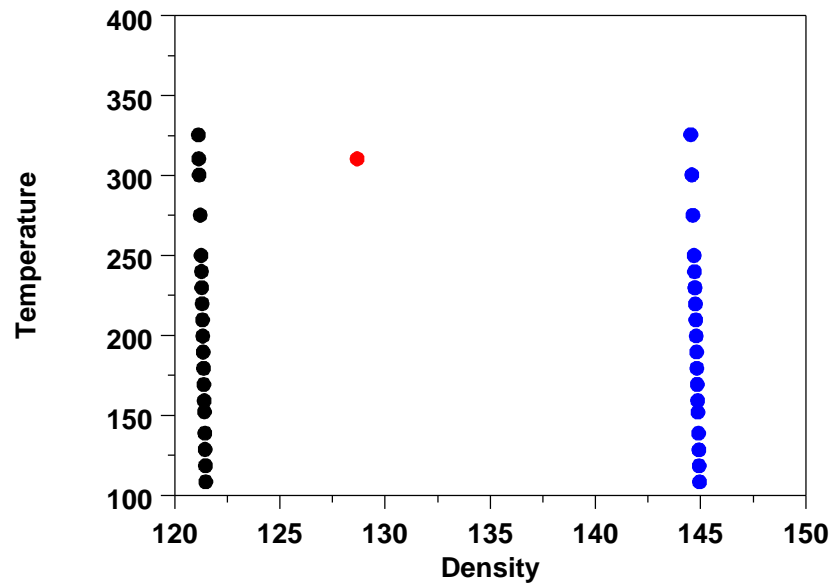
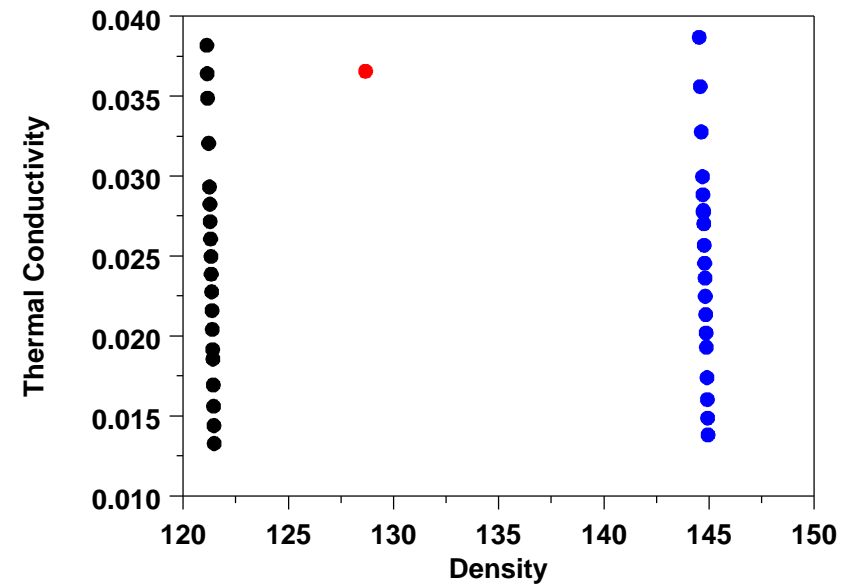
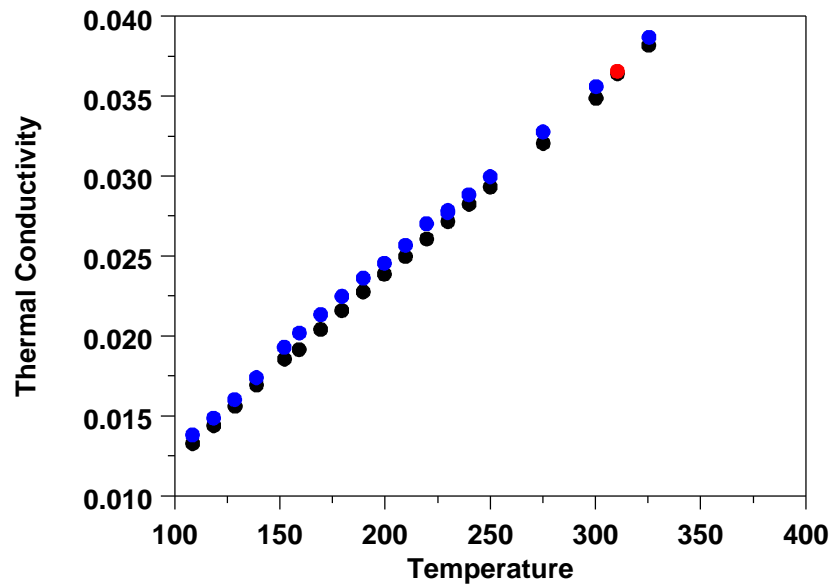
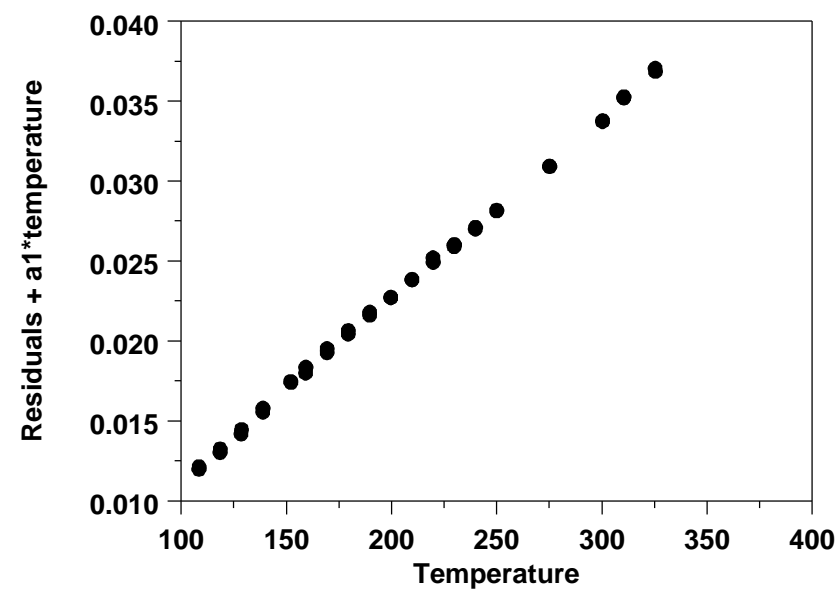
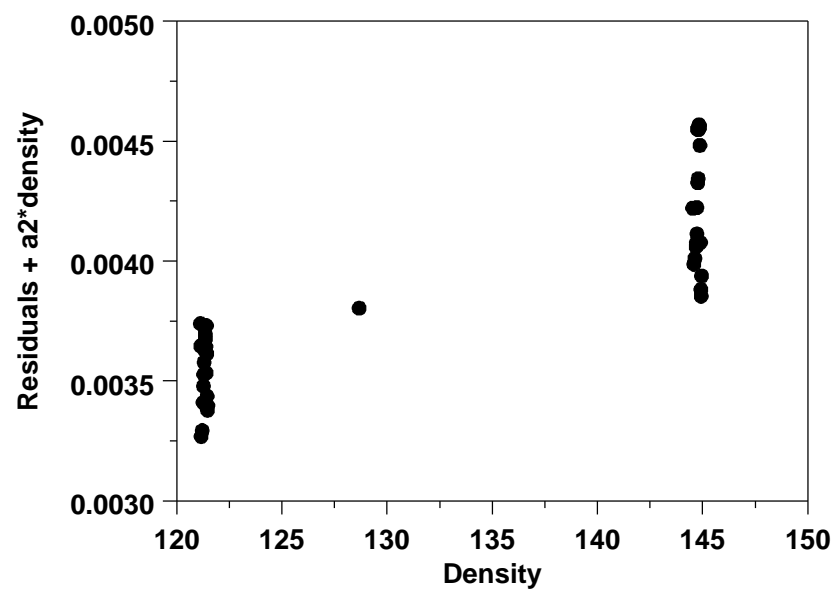


# 1450b Dataset Boulder 1980: Raw Data



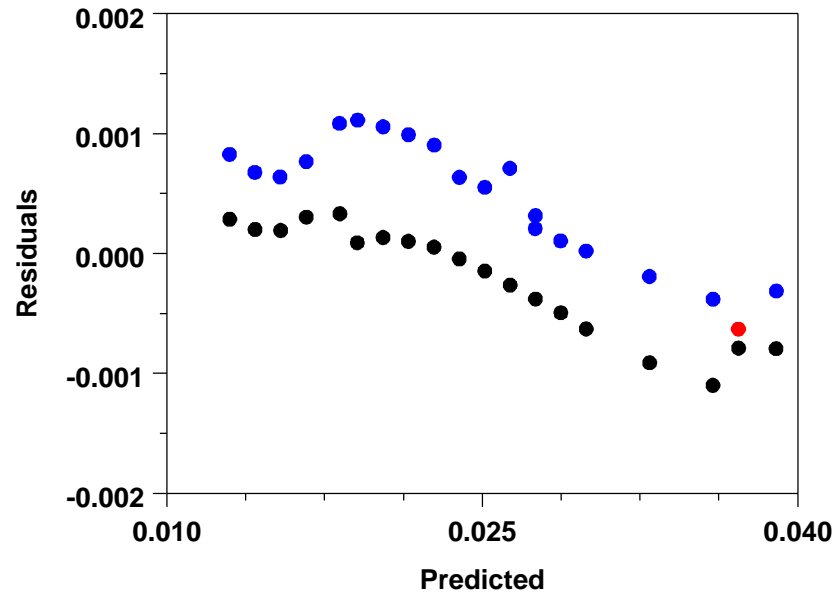
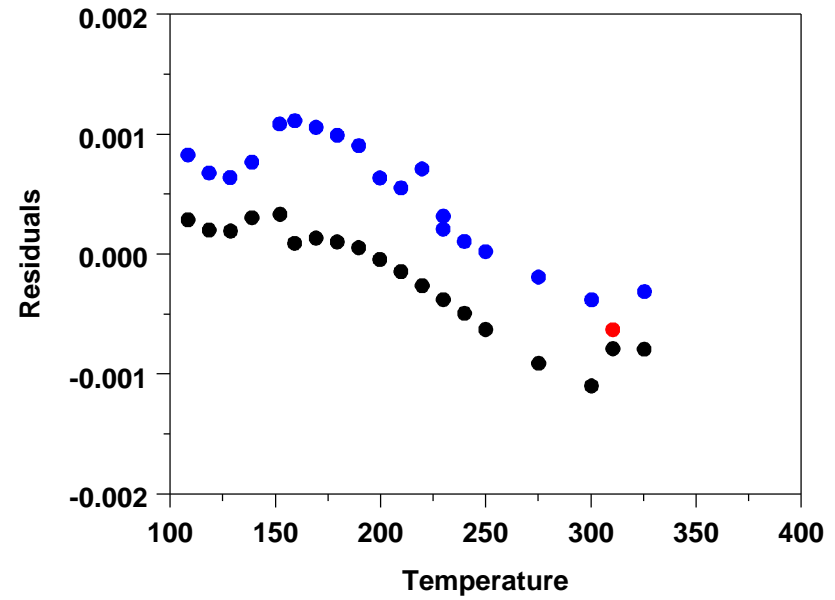
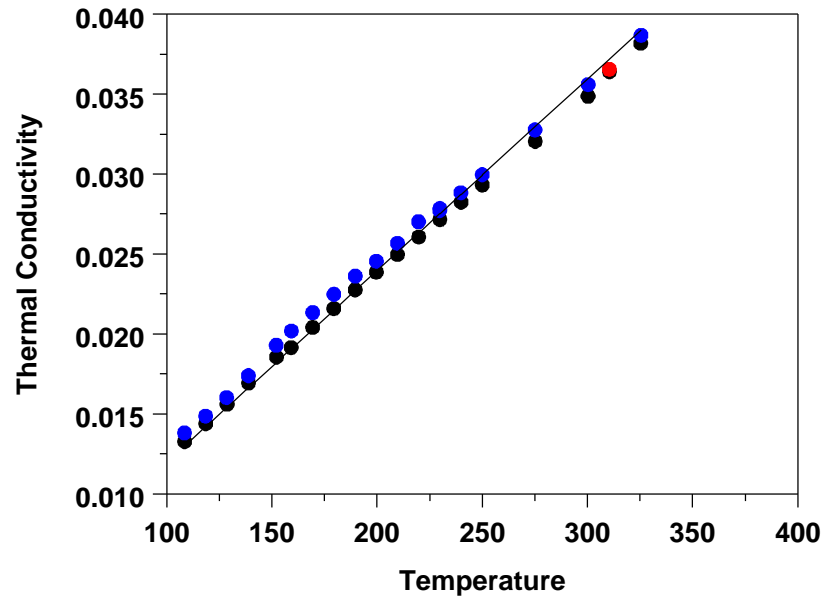
- - Density < 125
- - 125 < Density < 135
- - Density > 135

1450b Dataset Boulder 1980: Partial Residual Plots



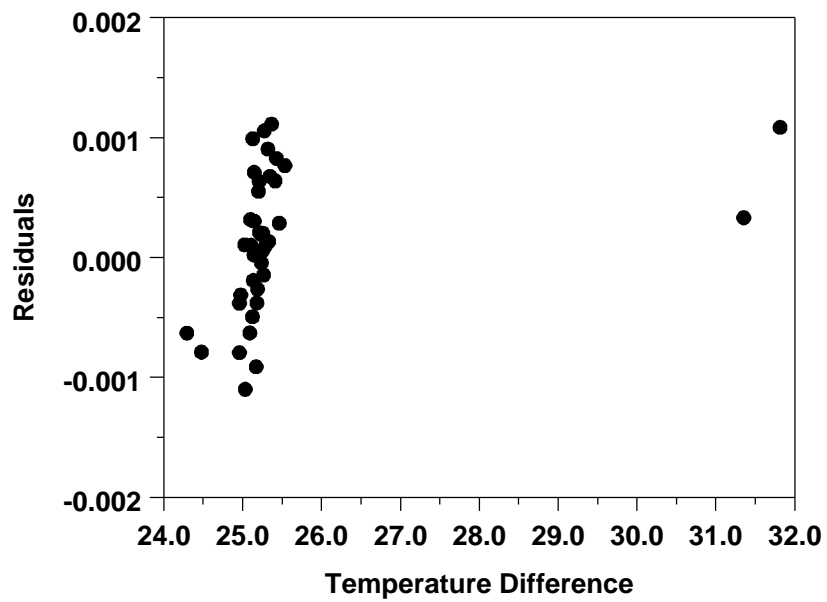
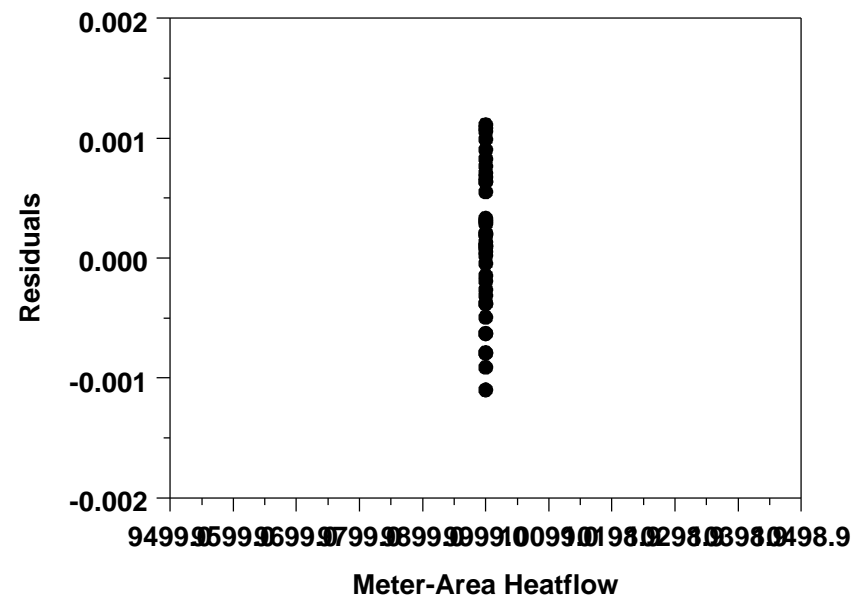
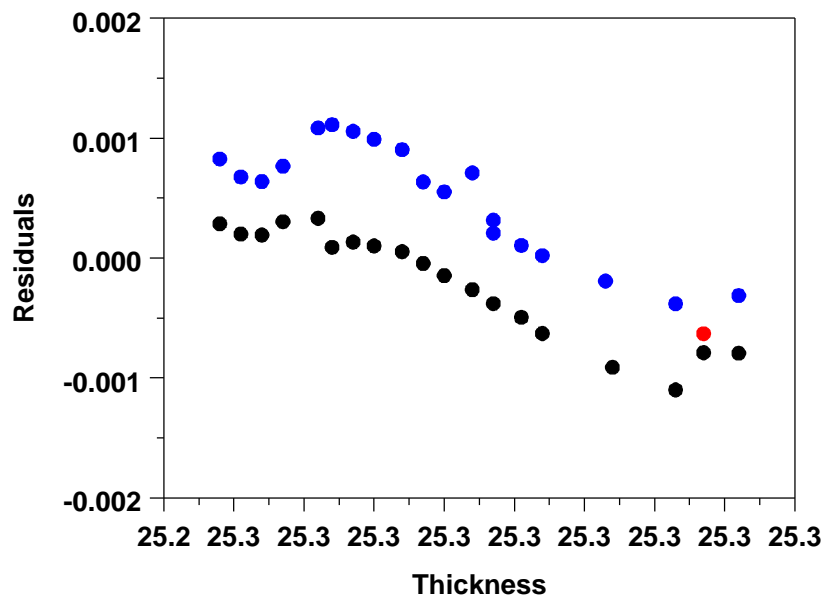
1450a Dataset Model 1:  $k = 0.0001197727 \cdot t$

RESSD: 0.0006082264, BIC: -570.260015

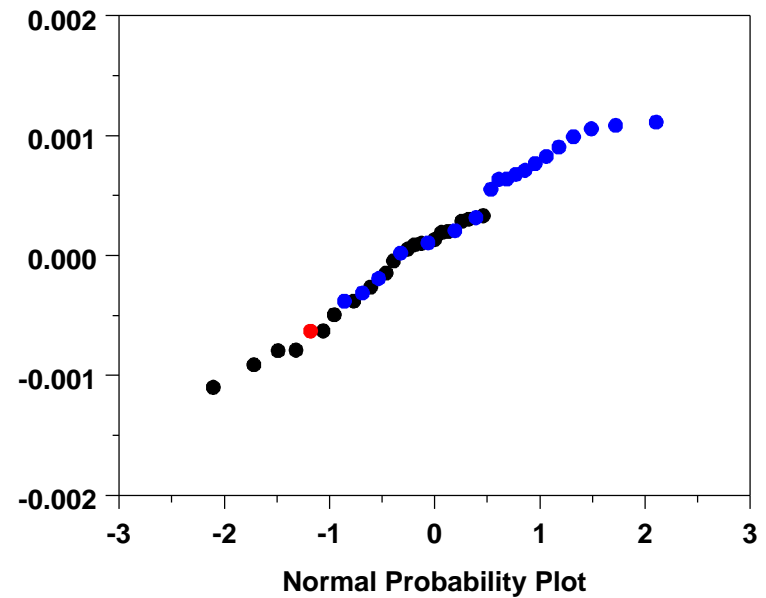
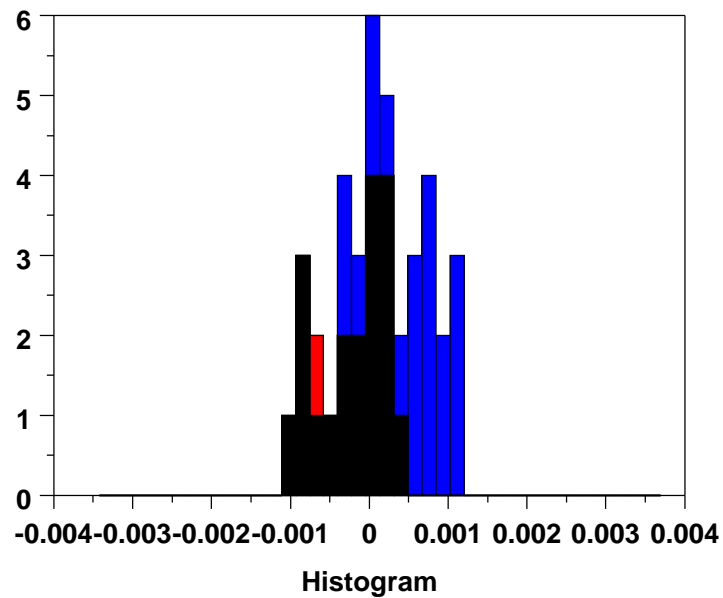
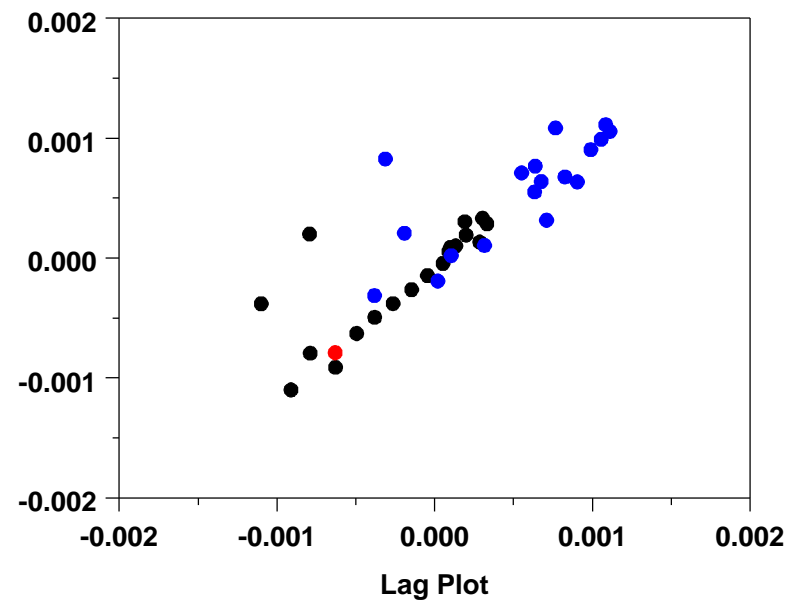
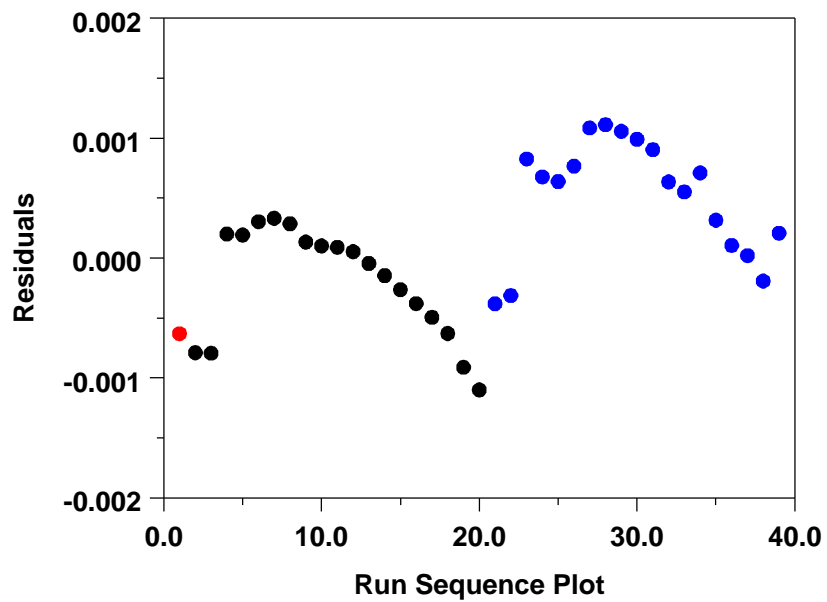


- - Density < 125
- - 125 < Density < 135
- - Density > 135

1450b Dataset Boulder 1980 Model 1: Residuals Versus Nuisance Factors



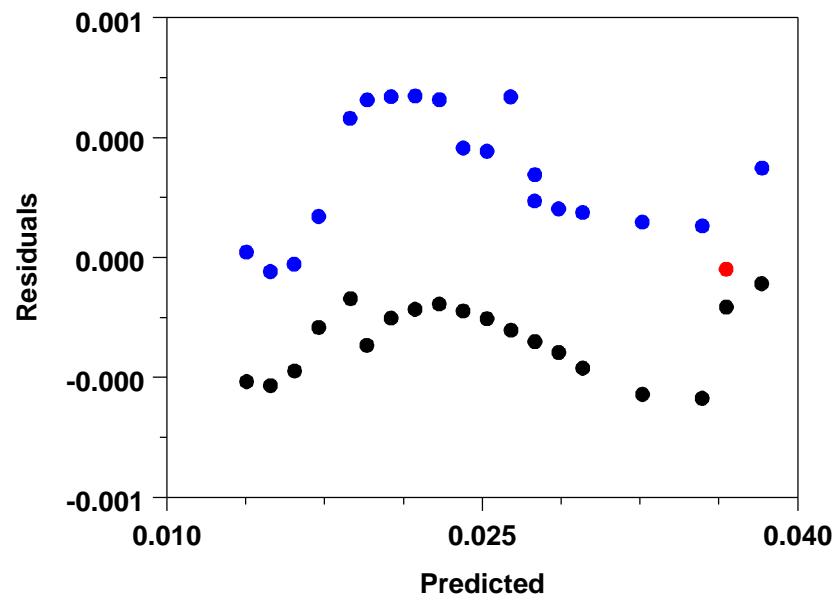
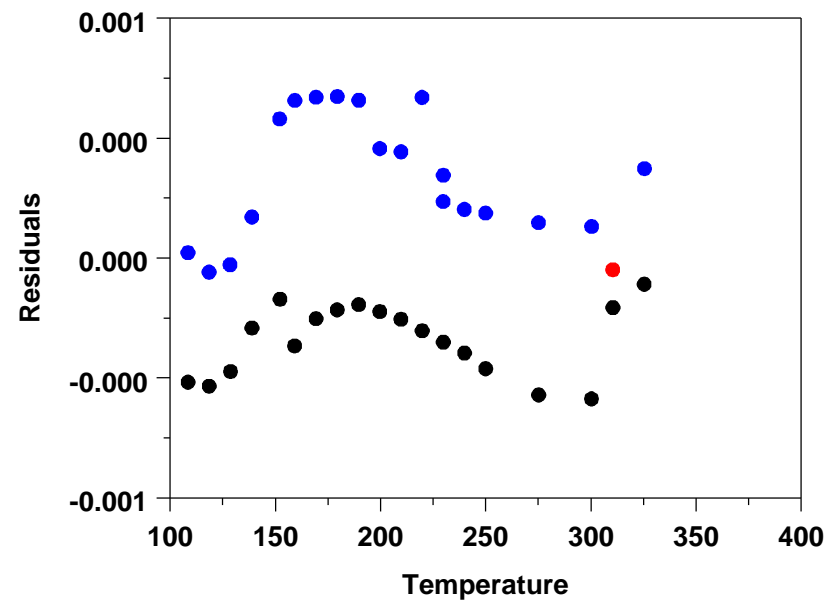
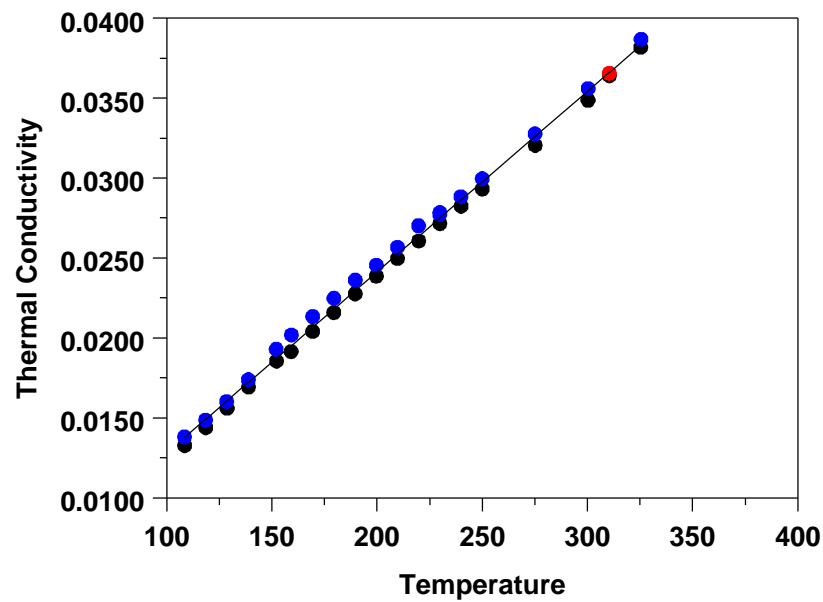
1450b Dataset Boulder 1980 Model 1: 4-Plot of the Residuals



PPCC = 0.9914

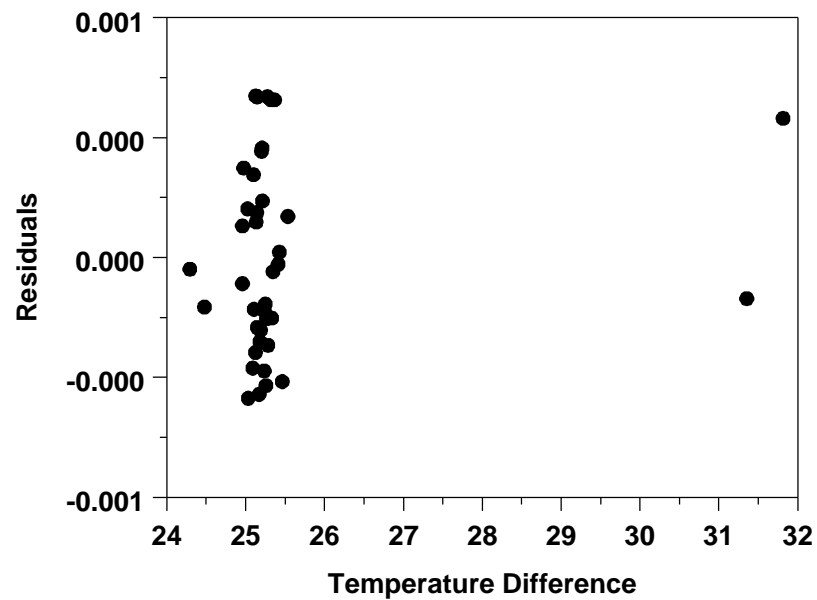
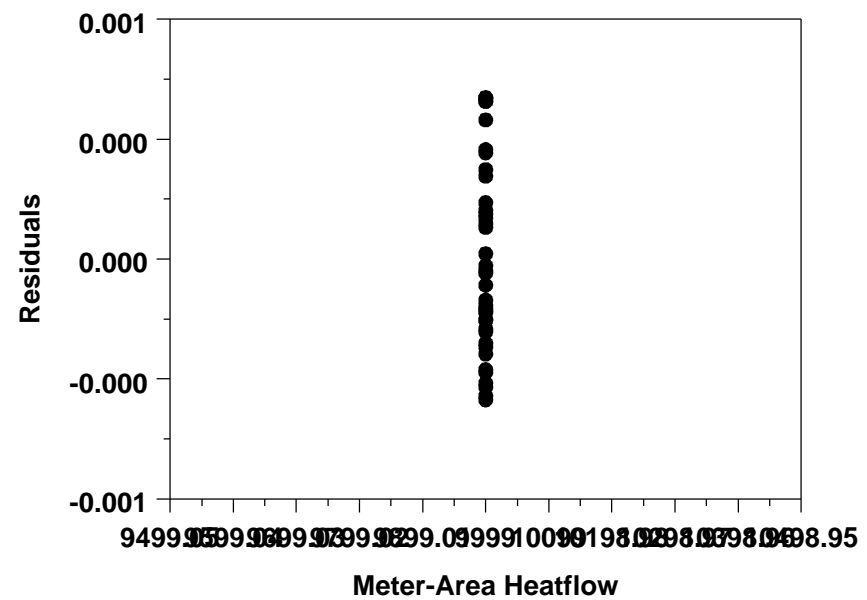
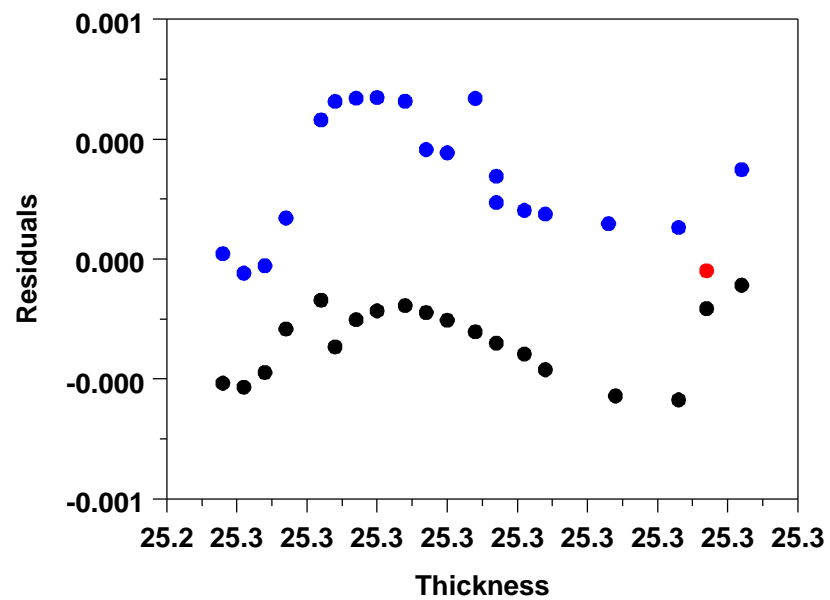
1450b Dataset Boulder 1980 Model 2:  $k = 0.0015467558 + 0.0001129146 \cdot t$

RESSD: 0.000403285, BIC: -605.9740662

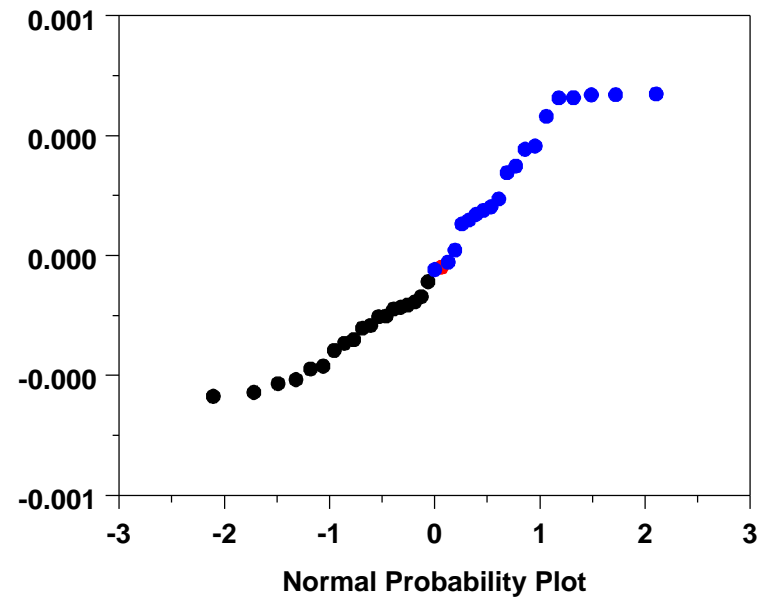
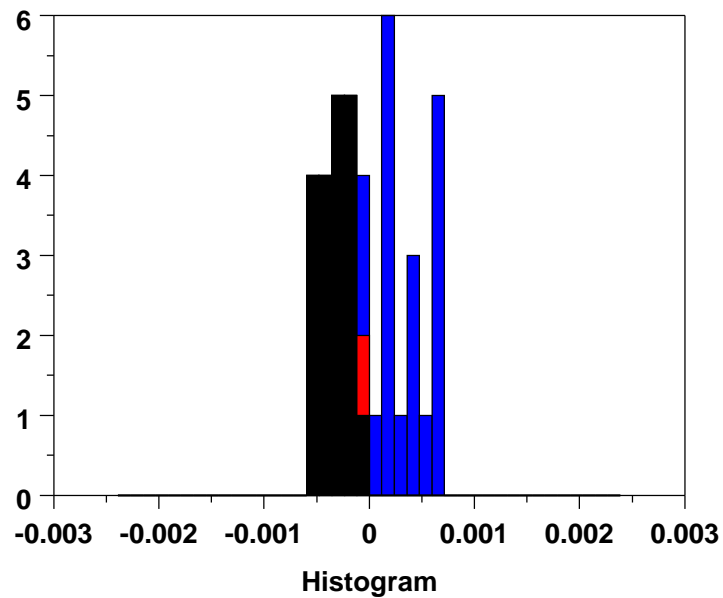
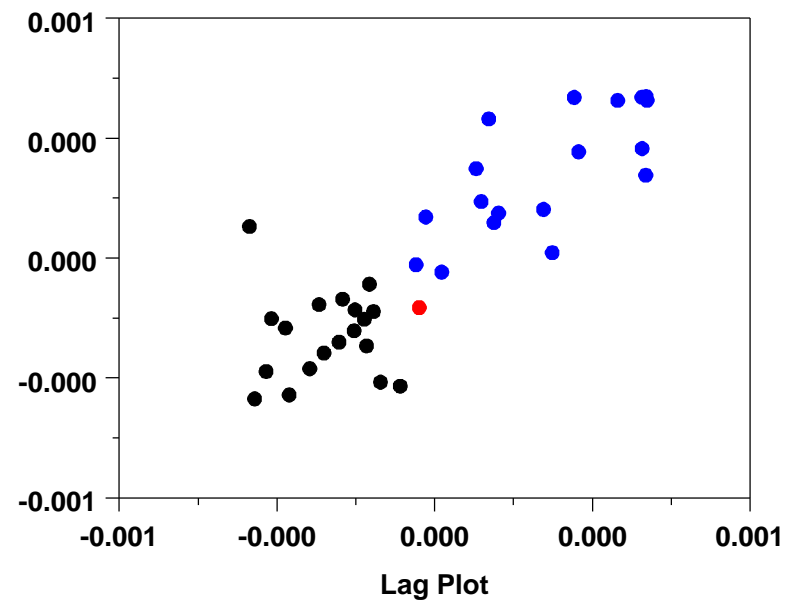
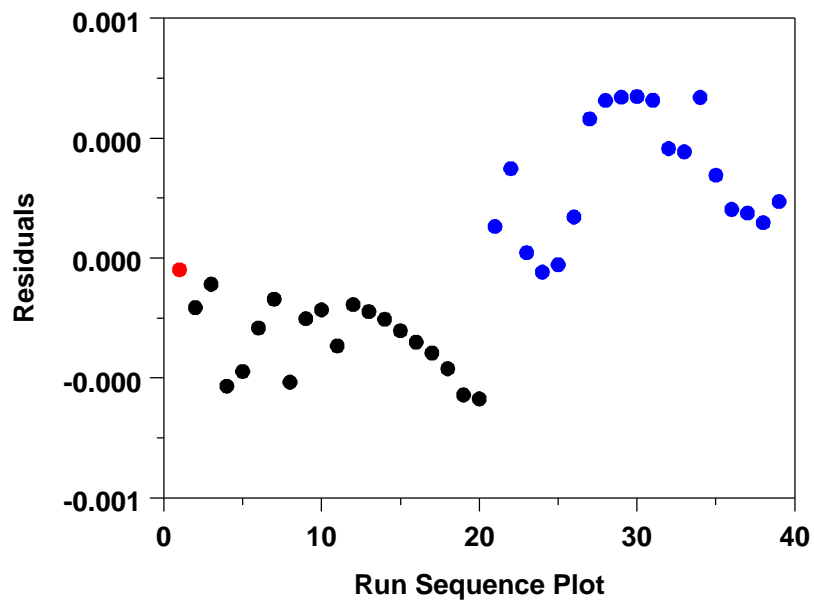


- - Density < 125
- - 125 < Density < 135
- - Density > 135

Dataset 1450b Boulder 1980 Model 2: Nuisance Factors Versus Residuals



1450b Dataset Boulder 1980 Model 2: 4-Plot of the Residuals

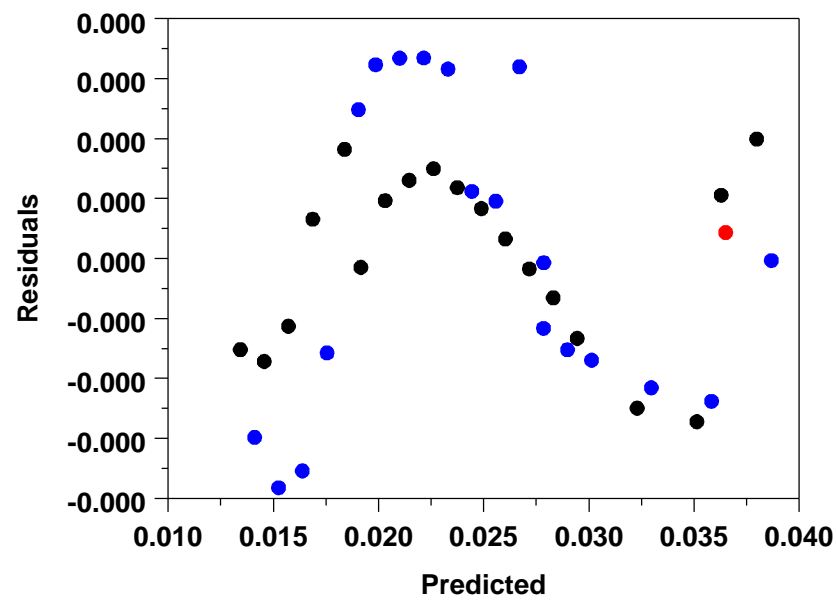
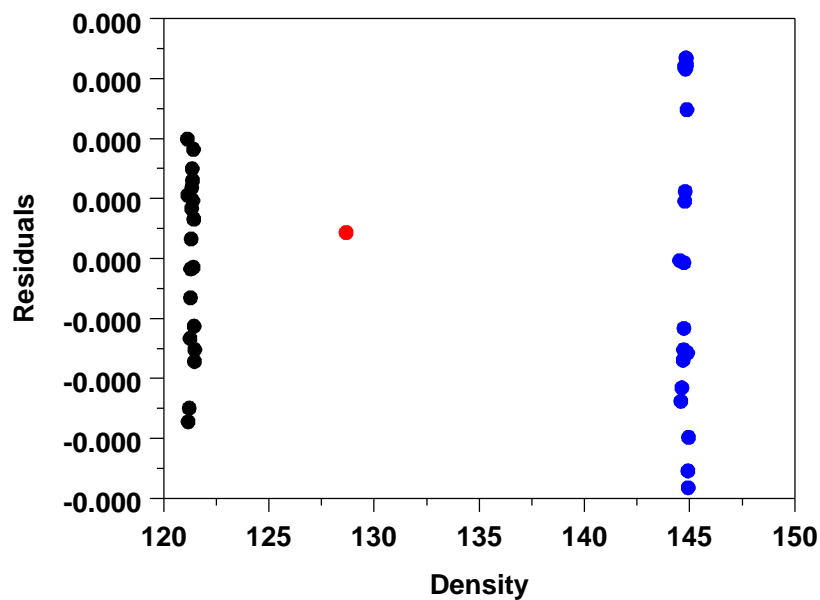
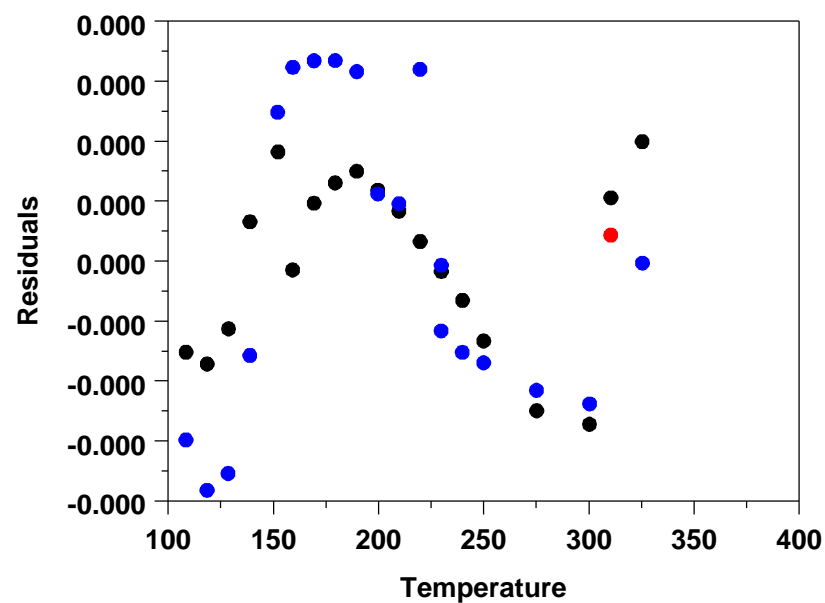
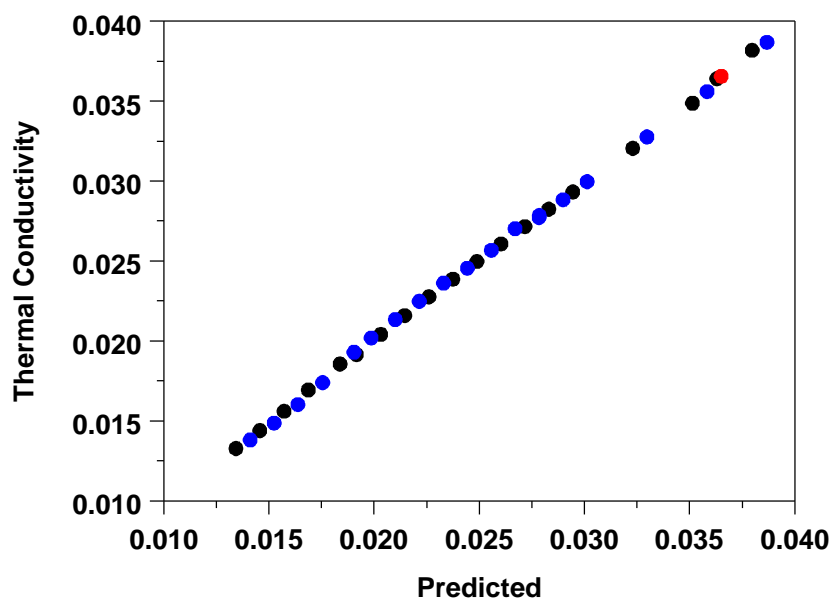


PPCC = 0.9741



1450b Dataset Boulder 1980 Model 3:  $k = -0.00240241 + 0.0001132262 \cdot t + 0.0000292237 \cdot d$

RESSD: 0.0002076015, BIC: -650.4407417

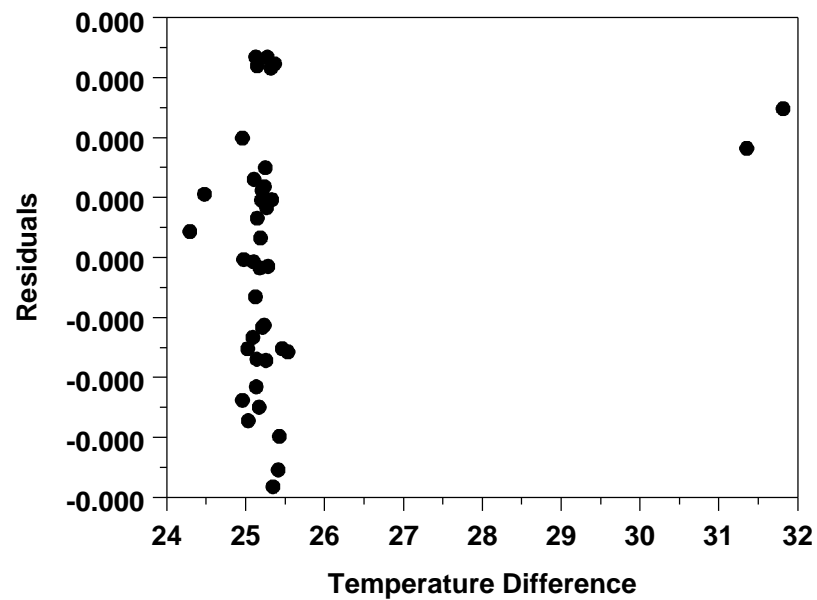
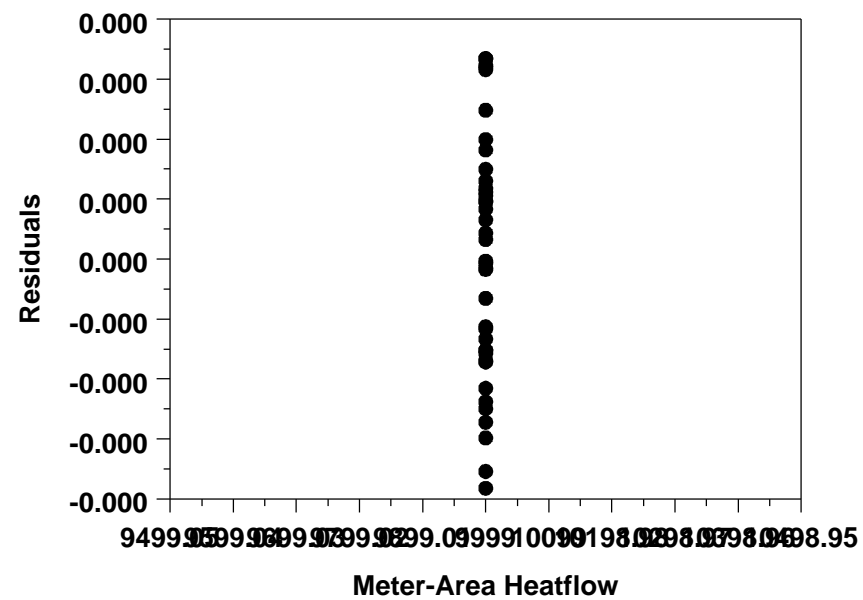
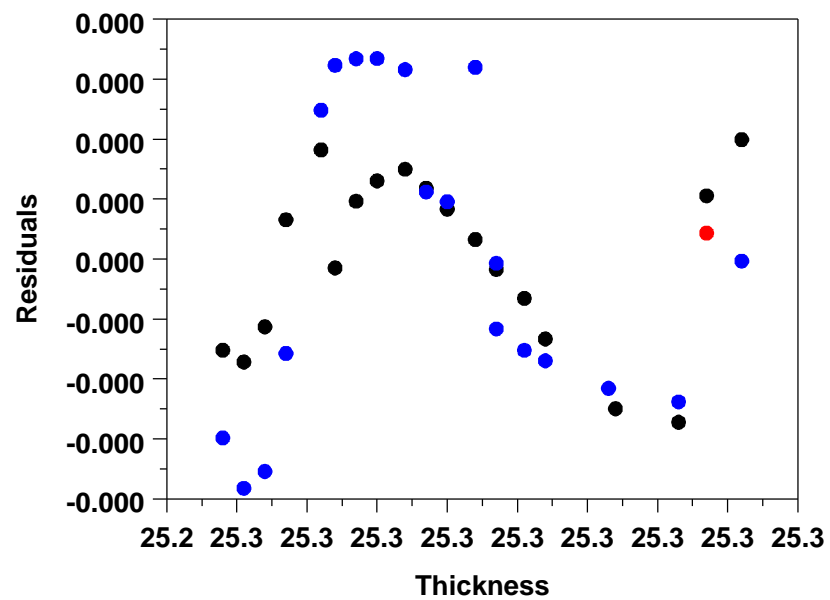


● - Density < 125

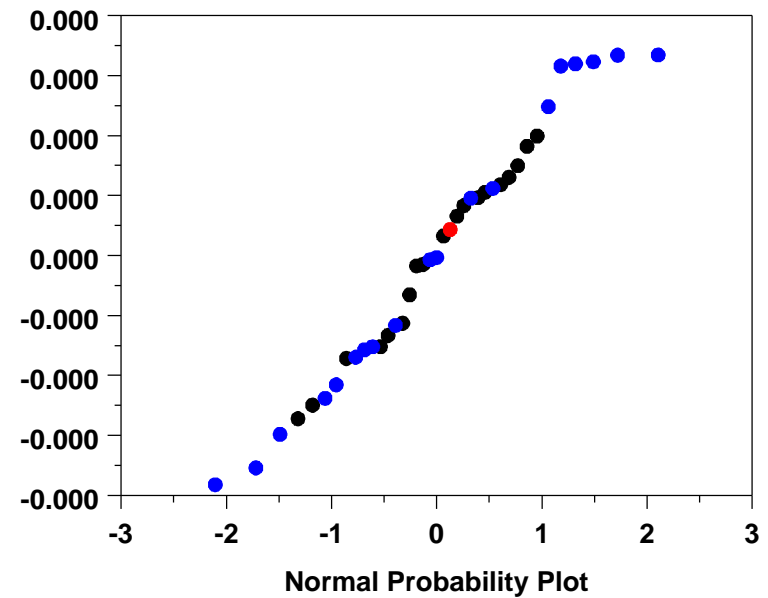
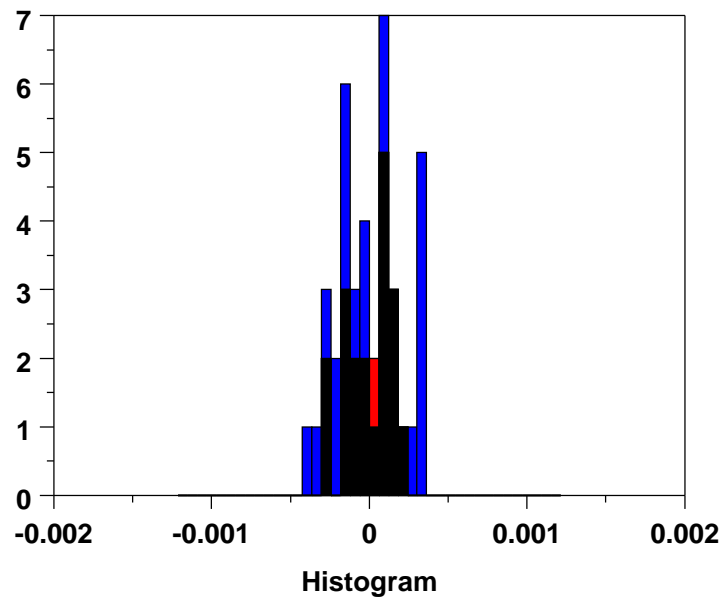
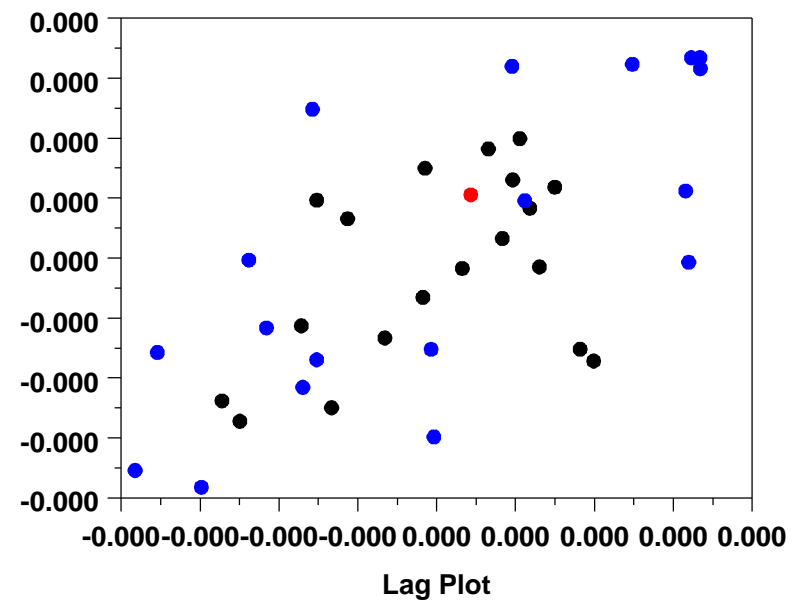
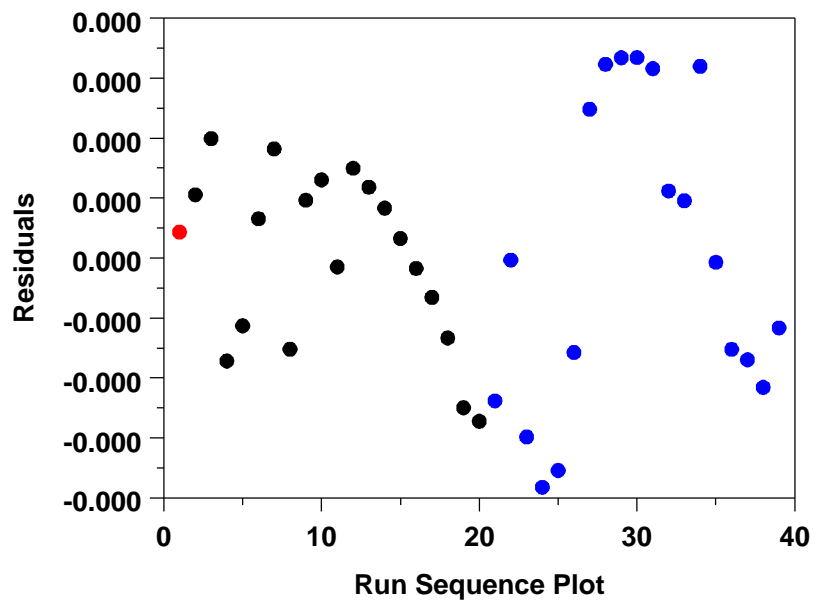
● - 125 < Density < 135

● - Density > 135

Dataset 1450b Boulder 1980 Model 3: Nuisance Factors Versus Residuals



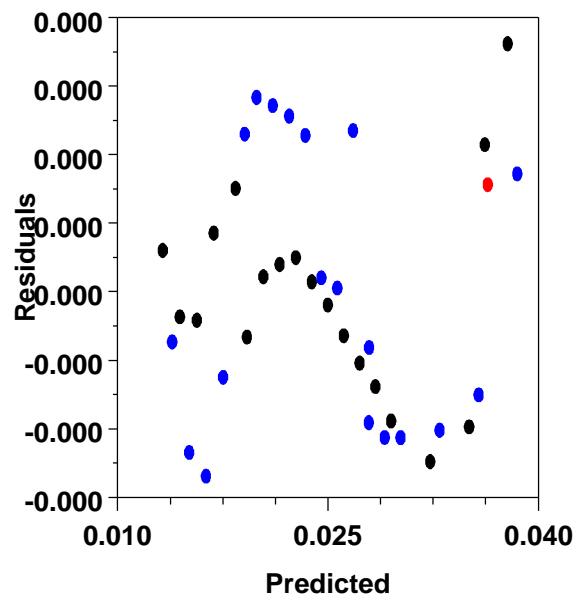
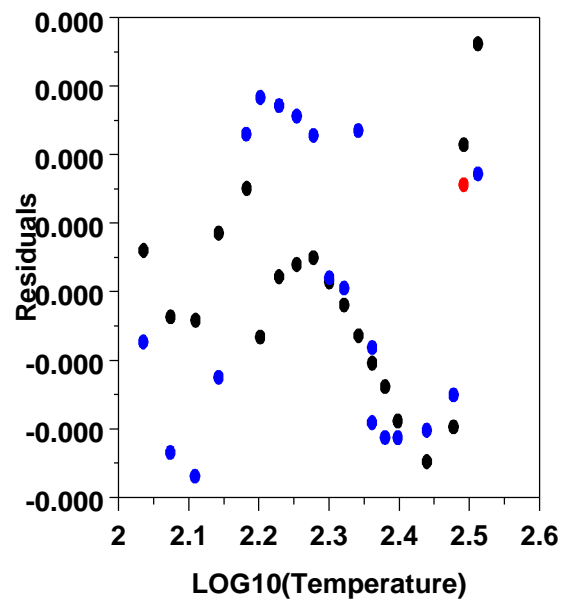
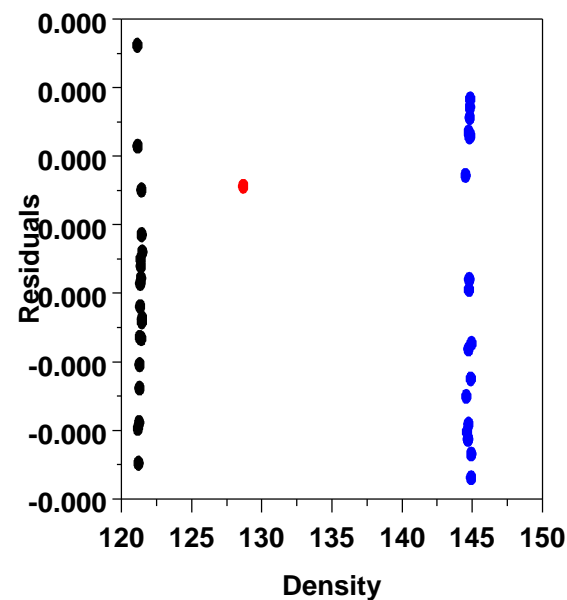
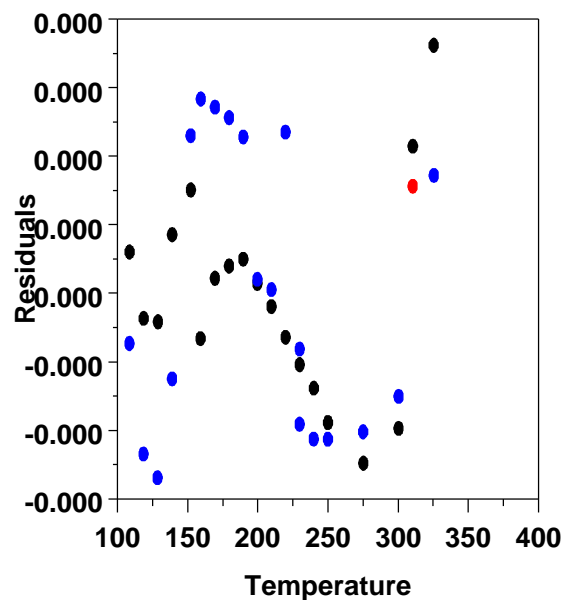
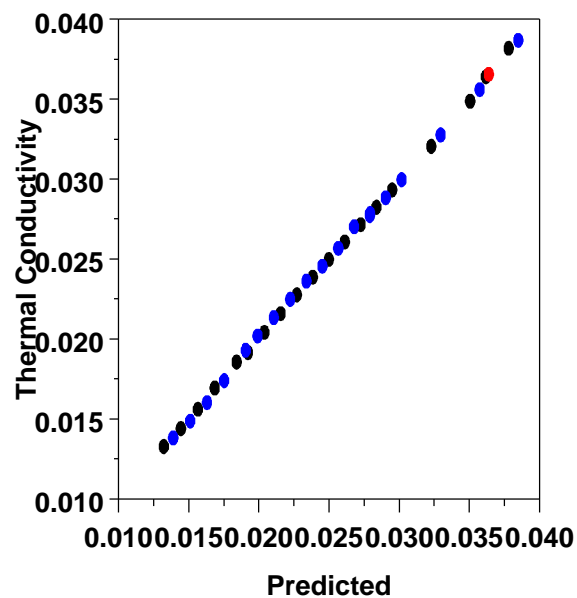
# 1450b Dataset Boulder 1980 Model 3: 4-Plot of the Residuals



PPCC = 0.9887

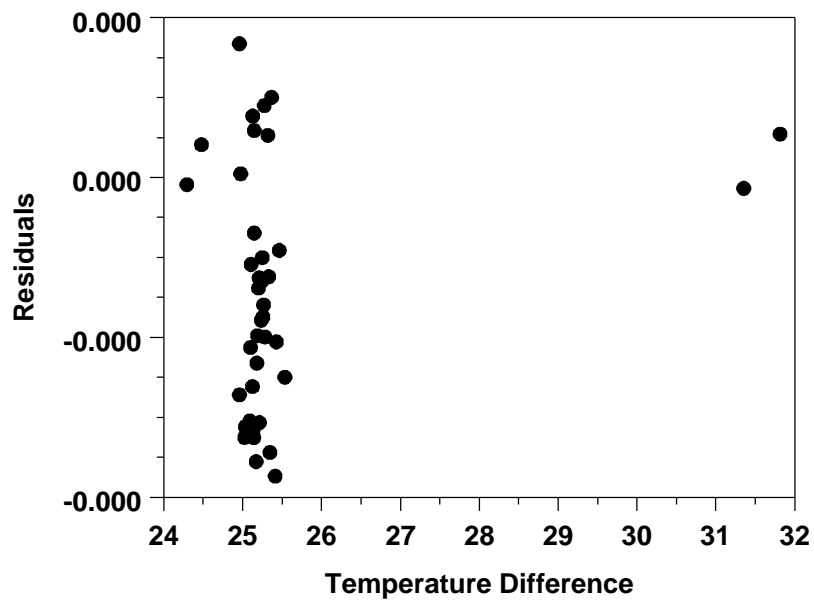
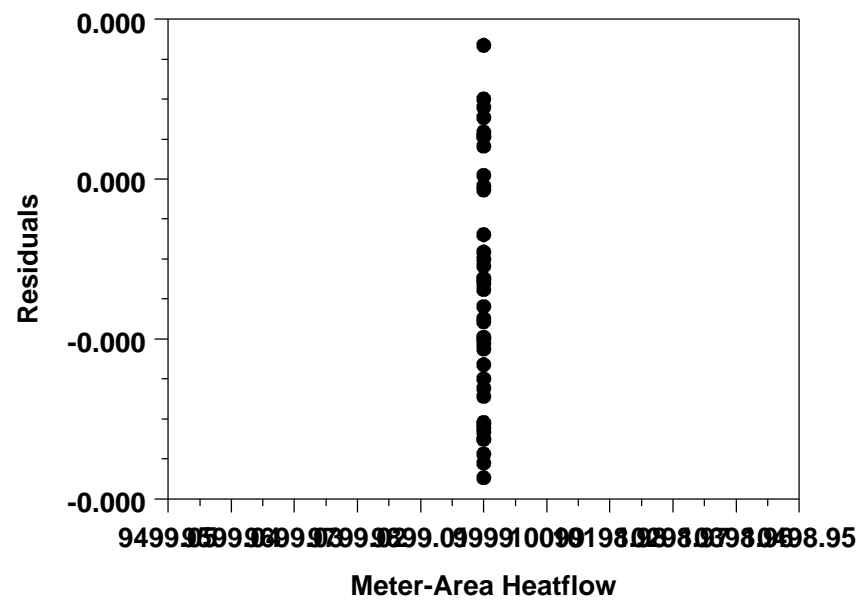
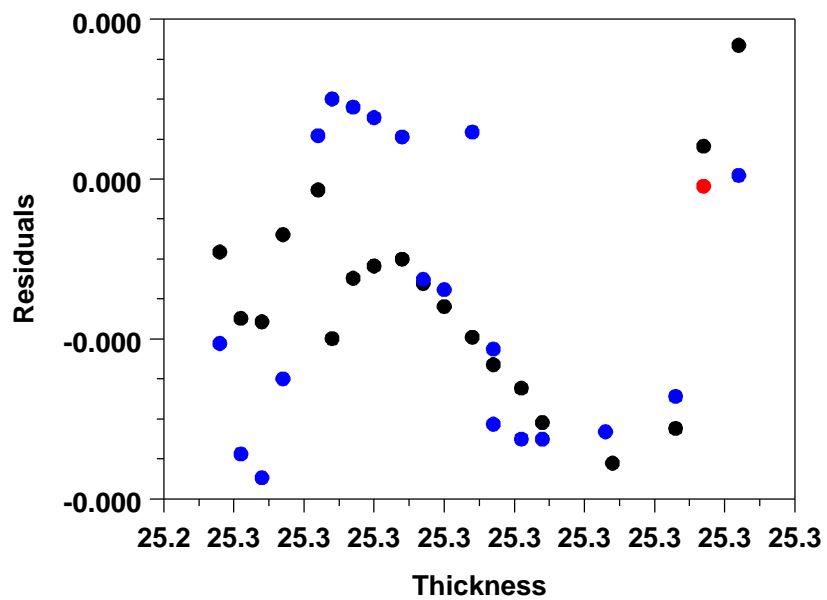
1450b Dataset Boulder 1980 Model 3b:  $k = -0.01081281 + 0.0001033712 \cdot t + 0.0000286968 \cdot d + 0.0045845216 \cdot t \log$

RESSD: 0.0001830619, BIC: -656.589296

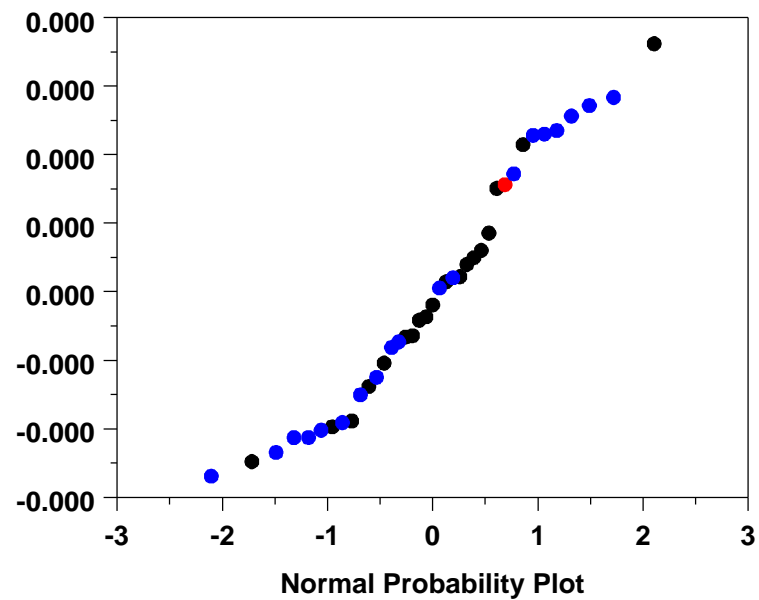
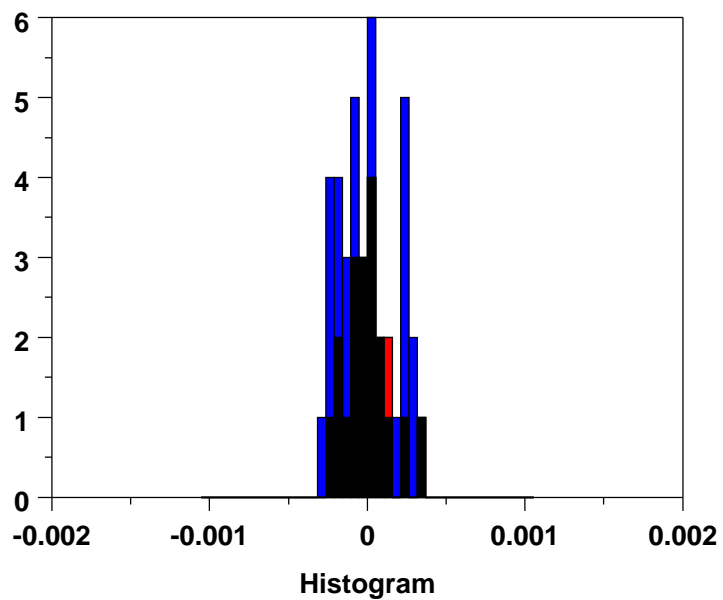
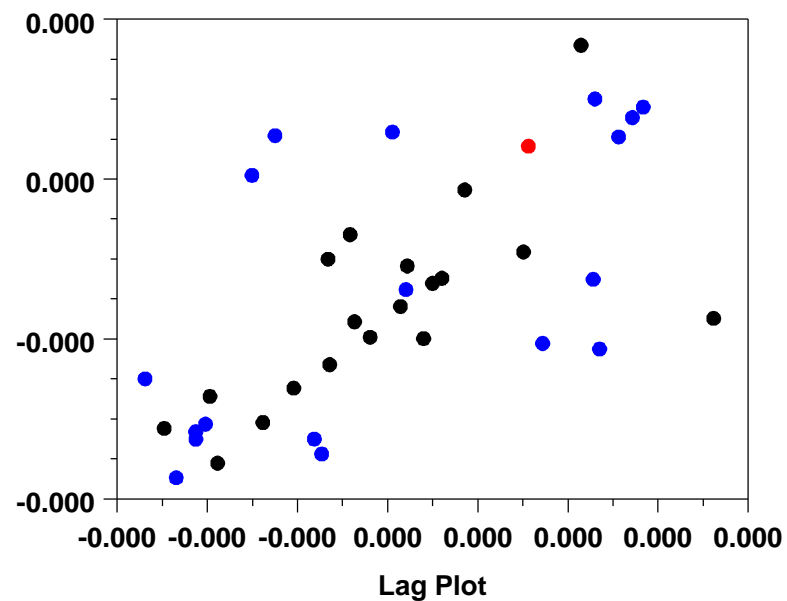
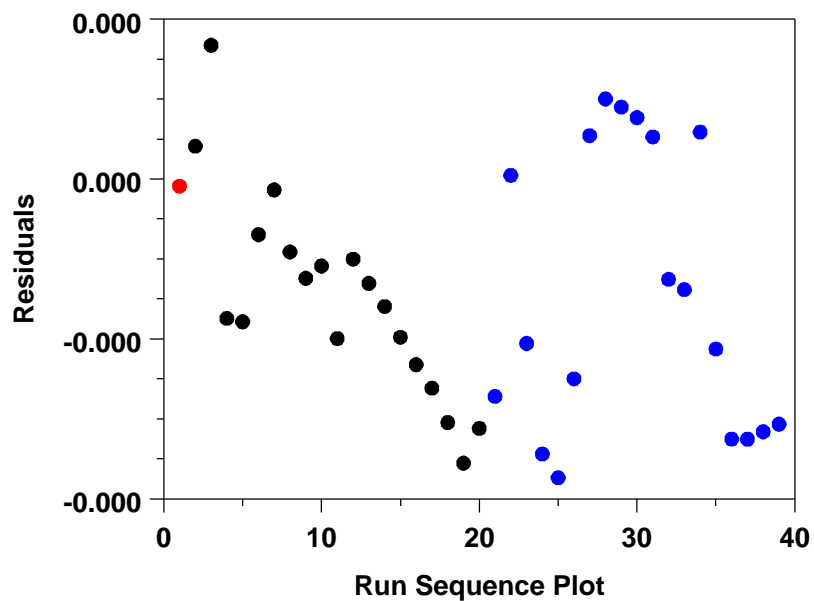


- - Density < 125
- - 125 < Density < 135
- - Density > 135

# 1450b Dataset Boulder 1980 Model 3b: Nuisance Factors Versus Residuals



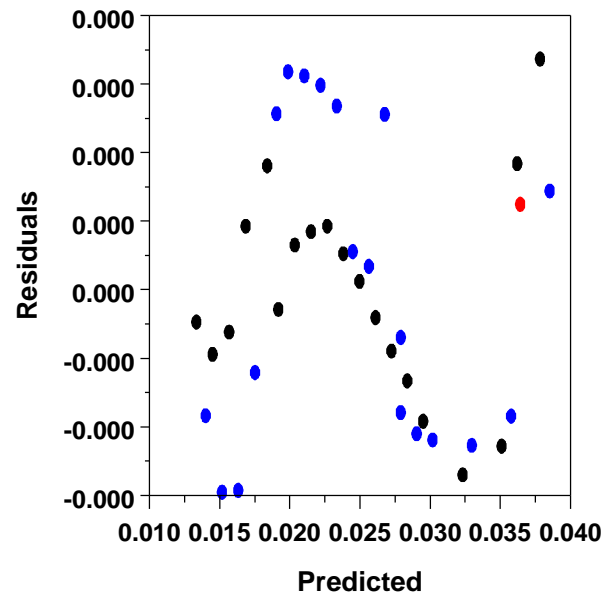
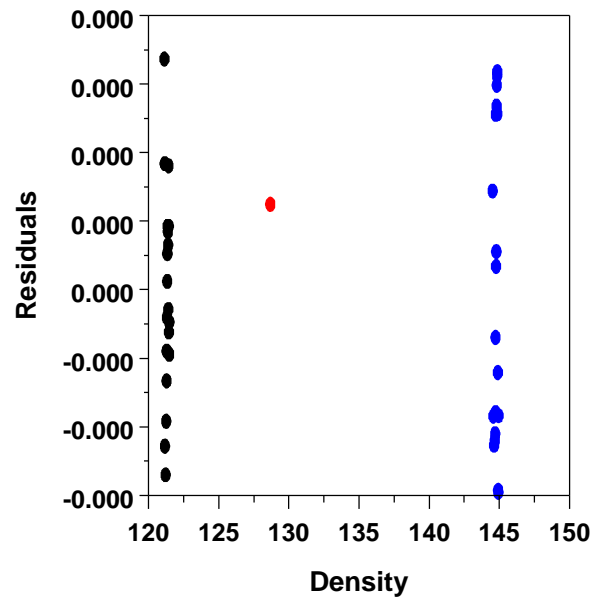
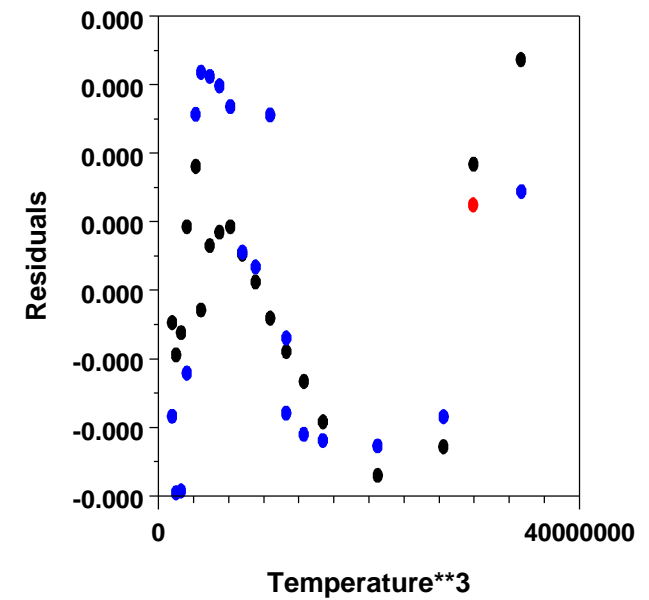
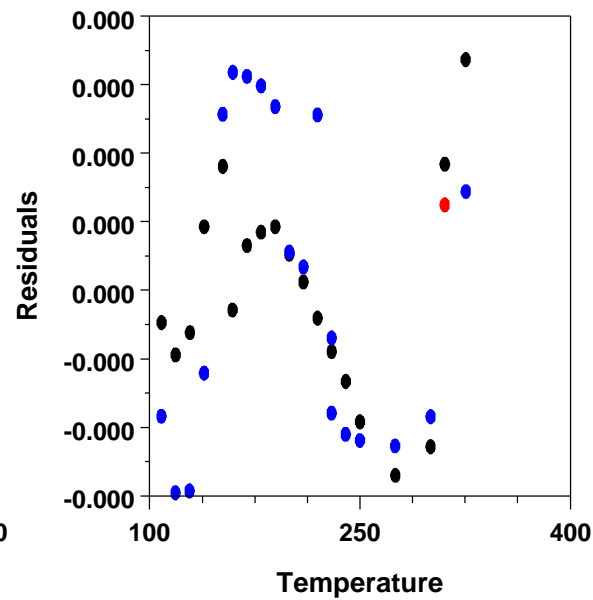
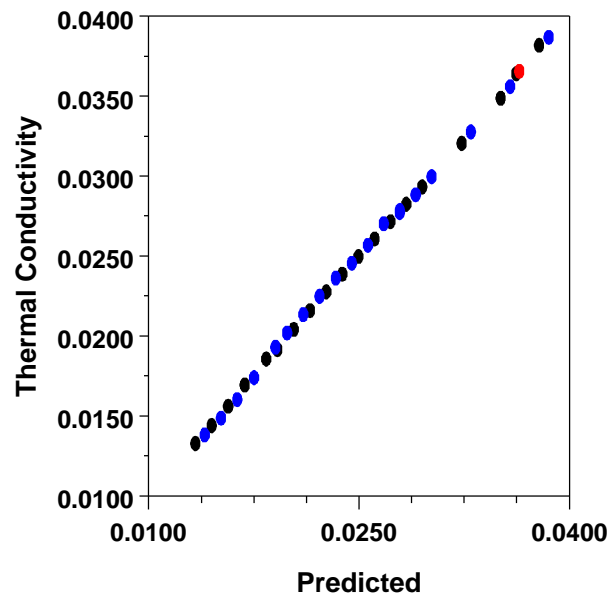
1450b Dataset Boulder 1980 Model 3b: 4-Plot of the Residuals



PPCC = 0.981

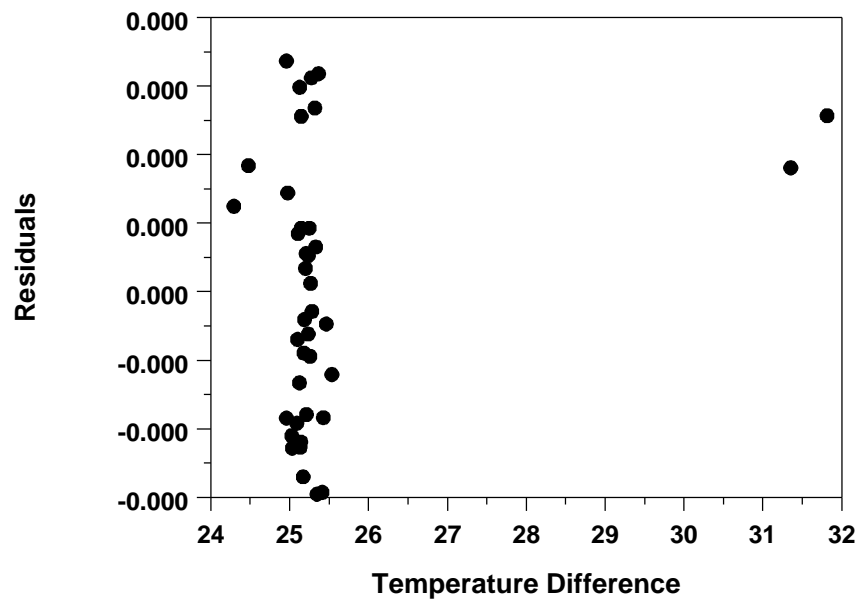
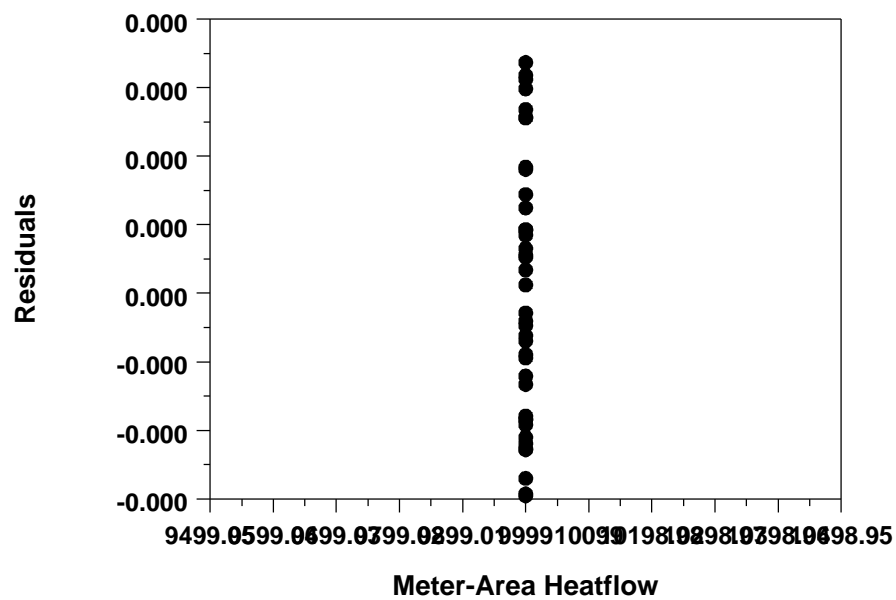
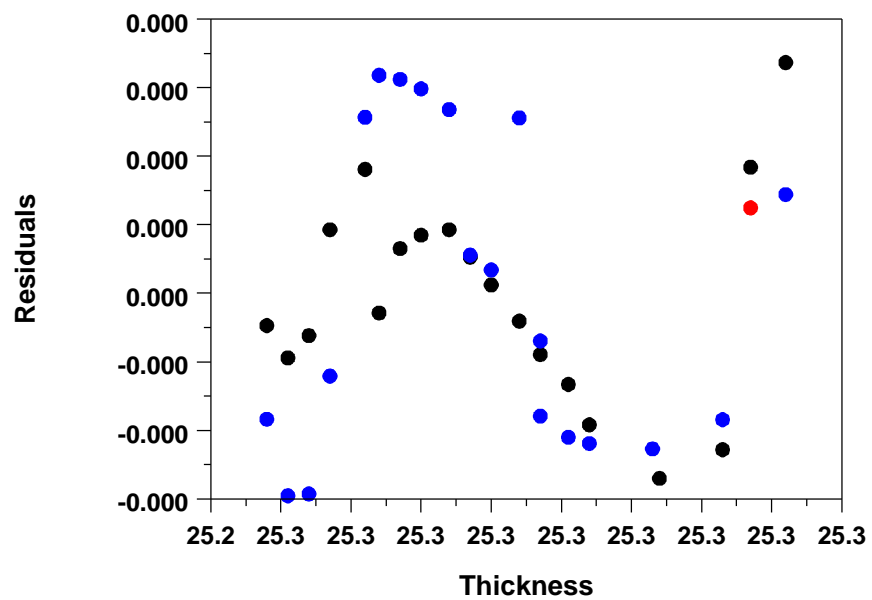
1450b Dataset Boulder 1980 Model 4:  $k = 0.0248188205 + 0.0001129146 \cdot t + 0.0000292237 \cdot d + 0 \cdot t^3$

RESSD: 0.0001988131, BIC: -650.1510878



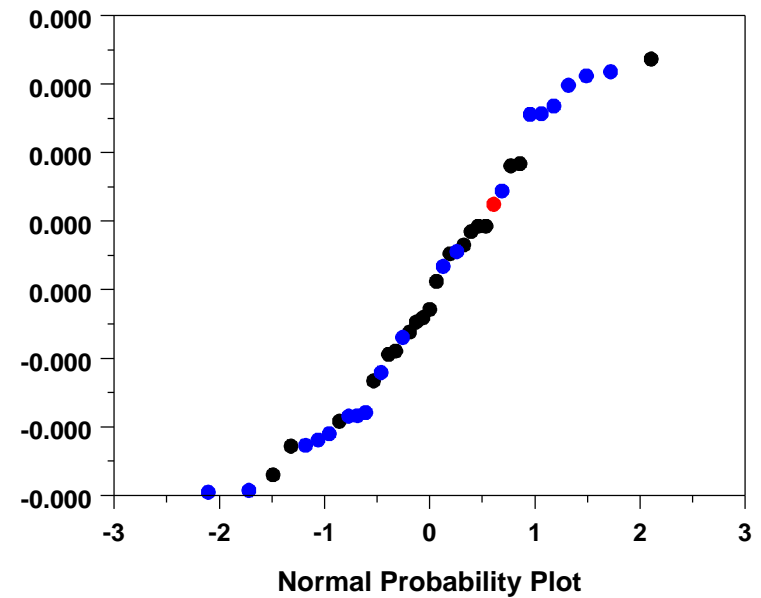
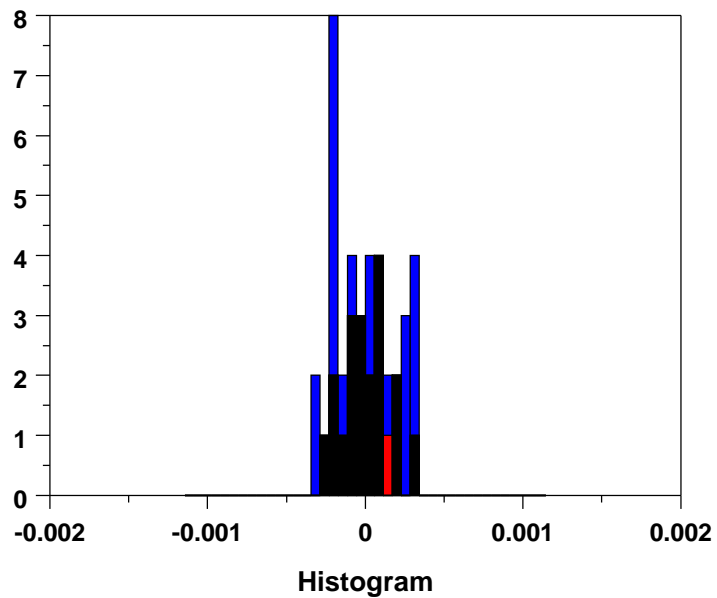
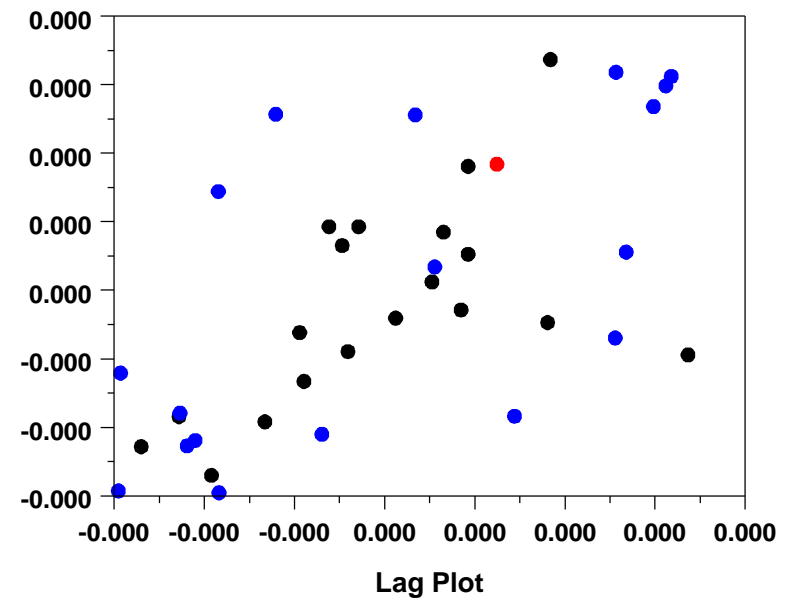
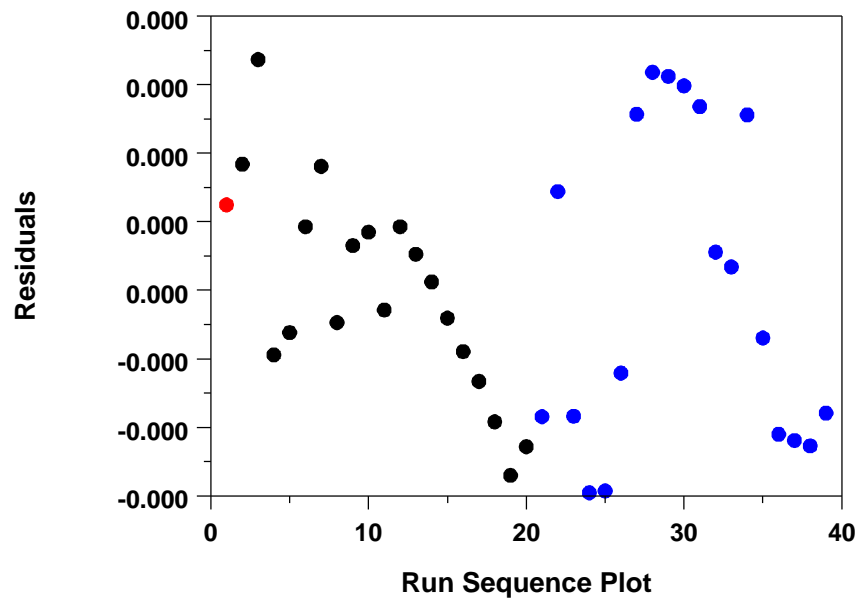
- - Density < 125
- - 125 < Density < 135
- - Density > 135

# 1450b Dataset Boulder 1980 Model 4: Nuisance Factors Versus Residuals





1450b Dataset Boulder 1980 Model 4: 4-Plot of the Residuals



PPCC = 0.982