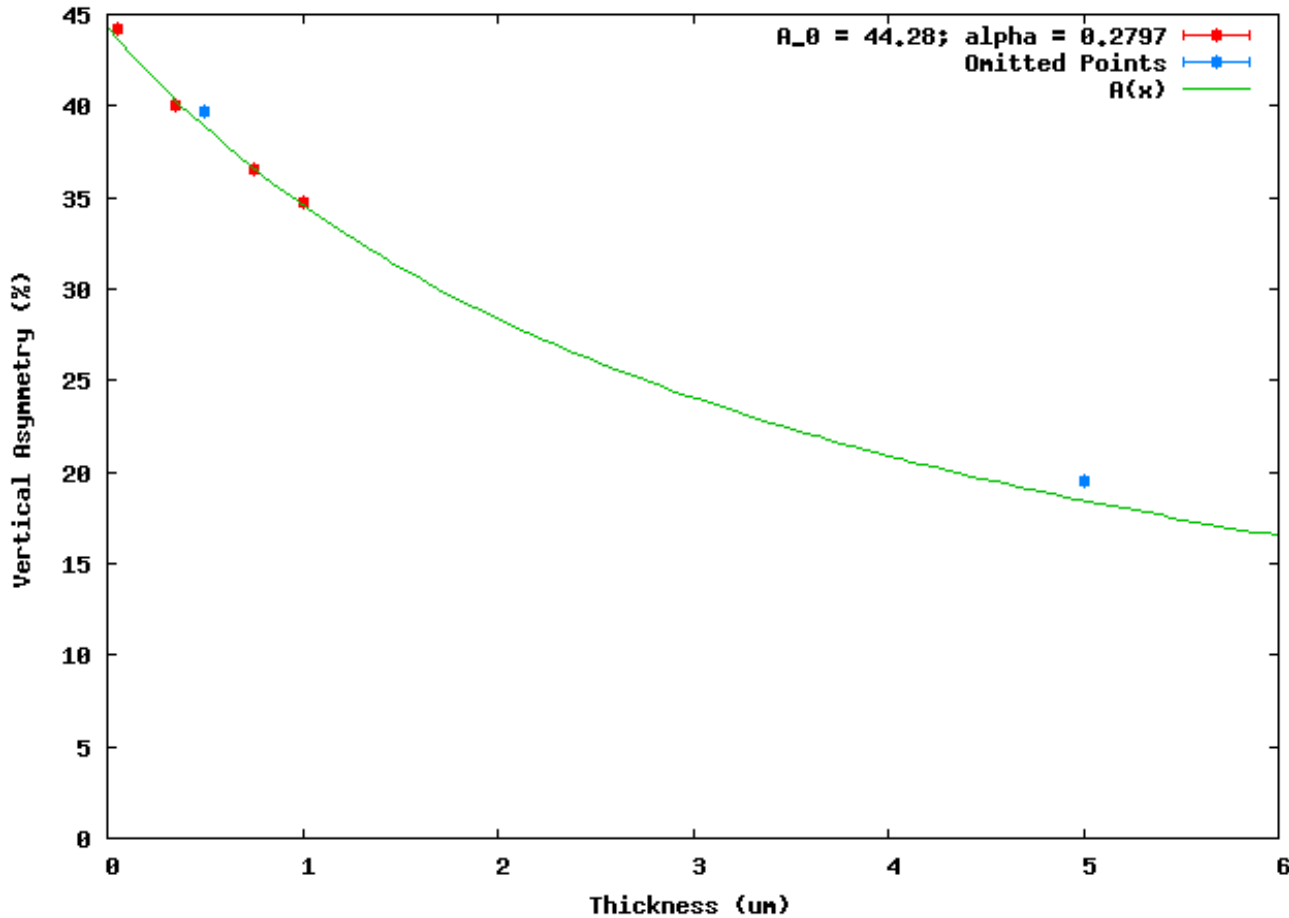


# 5.0 and 0.5 um excluded, averaged 0.05 um points

Gold -- Vertical Asymmetry vs Thickness



degrees of freedom (FIT\_NDF) :  
 2  
 rms of residuals (FIT\_STDFIT) =  $\sqrt{\text{WSSR}/\text{ndf}}$  :  
 3.44571  
 variance of residuals (reduced chisquare) =  $\text{WSSR}/\text{ndf}$  :  
 11.8729

Final Iteration Parameters:  
 WSSR : 23.7458  
 $\Delta(\text{WSSR})/\text{WSSR}$  :  $-1.74762 \times 10^{-8}$   
 $\Delta(\text{WSSR})$  :  $-4.14986 \times 10^{-7}$   
 lambda :  $4.18593 \times 10^{-5}$

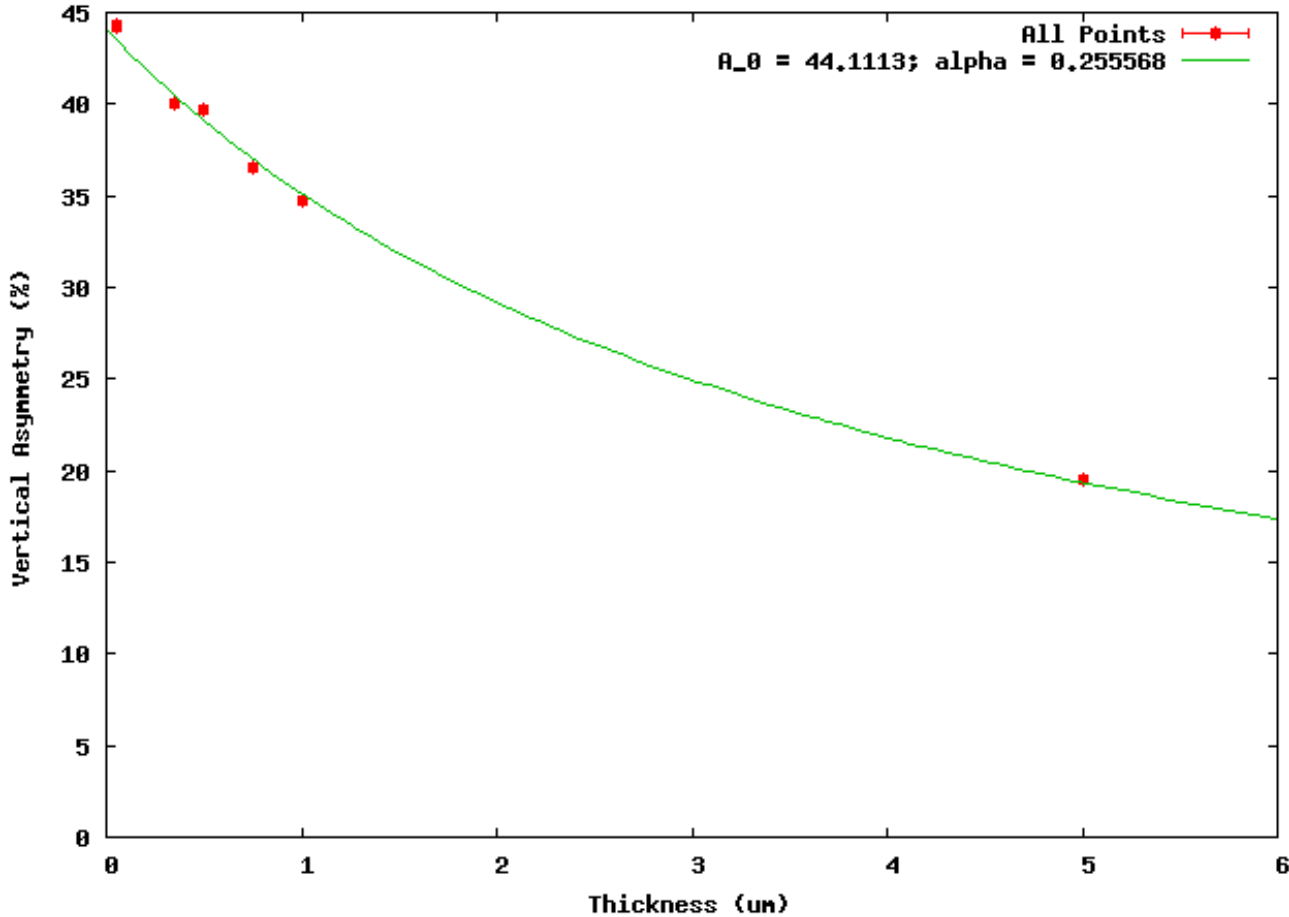
Limit for stopping  $d(\text{WSSR}) < 1 \times 10^{-5}$

$A_0$  = 44.2812 +/- 0.5231 (1.181%)  
 alpha = 0.279658 +/- 0.02104 (7.524%)

Thickness (um)	Vertical Asymmetry (%)	Uncertainty (%)
1	34.79233046	0.099728434
0.75	36.50794476	0.102499582
0.35	39.99009375	0.113531039
0.05	44.26041665	0.185046655

# All Points Included – two 0.05 um points

Gold -- Vertical Asymmetry vs Thickness



degrees of freedom (FIT\_NDF) : 5  
 rms of residuals (FIT\_STDFIT) =  $\sqrt{\text{WSSR}/\text{ndf}}$  : 4.97195  
 variance of residuals (reduced chisquare) =  $\text{WSSR}/\text{ndf}$  : 24.7203

Final Iteration Parameters:  
 WSSR : 123.602  
 $\Delta(\text{WSSR})/\text{WSSR}$  :  $-6.98196 \times 10^{-11}$   
 $\Delta(\text{WSSR})$  :  $-8.62981 \times 10^{-9}$   
 lambda : 39.6262

Limit for stopping  $d(\text{WSSR}) < 1 \times 10^{-5}$

$A_0$  = 44.1113 +/- 0.3863 (0.8757%)  
 alpha = 0.255568 +/- 0.009955 (3.895%)

Thickness (um)	Vertical Asymmetry (%)	Uncertainty (%)
5	19.54785919	0.069419082
1	34.79233046	0.099728434
0.75	36.50794476	0.102499582
0.5	39.73921066	0.110489932
0.35	39.99009375	0.113531039
0.05	44.16049341	0.160451524
0.05	44.36033989	0.209641786