N=10 Monte Carlo (Binomial Distribution Errors) N=10 Monte Carlo (Uniform Distribution Errors) Original Function Original Function 3500 3500 Best Fit Best Fit 3000 3000 2500 · 2500 2000 2000 1500 -1500 1000 -1000 500 500 -500 -500 **>** −1000 **>** −1000 -1500-1500-2000 -2000 -2500 -2500 -3000 -3000 -3500 -3500 -4000 -4000 **-**4500 --4500 **-**5000 -5000 -5500 -5500