Correlation Length Estimate ( $\xi$ ) for L=128  $2.00 \times 10^4$  $\xi(K) (L=128)$ scaled  $|K-Kc|^{-1}$  (K < Kc, near Kc)  $1.50 \times 10^4$  $1.00 \times 10^4$  $5.00 \times 10^{3}$ 0 0.2 0.0 0.1 0.3 0.4 0.5