SOR Convergence Rate vs. Omega for Different η Values

Legend:
- η=0
- Optimal for η=0: 1.8379
- η=0.5
- Optimal for η=0.5: 1.6859
- η=1.0
- Optimal for η=1.0: 1.7028
- η=1.5
- Optimal for η=1.5: 1.5676
- Theoretical optimal: 1.9397

X-axis: Omega
Y-axis: Avg Iterations to converge