$$\theta = \pi/2, \ \eta = 1/4$$
0.035 
$$\chi_s.d\hat{L} = 0$$
0.030 
$$\chi_s.d\hat{L} = 0.1$$
0.025 
$$\chi_s.d\hat{L} = 0.5$$
0.020 
$$\chi_s.d\hat{L} = 0.99$$
0.015 
$$0.015$$
0.010 
$$0.06 \ 0.08 \ 0.10 \ 0.12 \ 0.14 \ 0.16 \ 0.18 \ 0.20$$