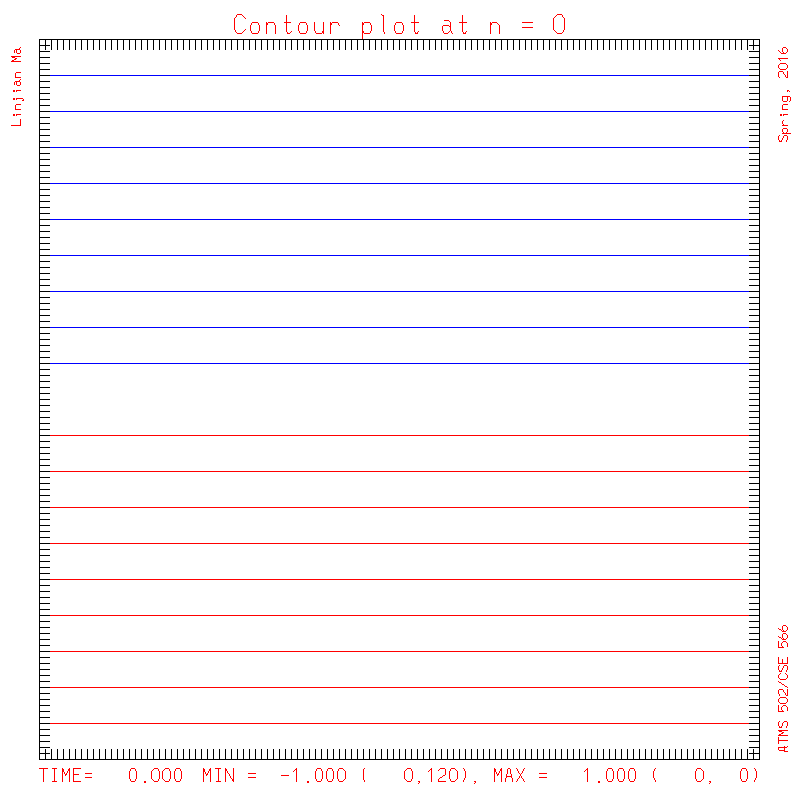
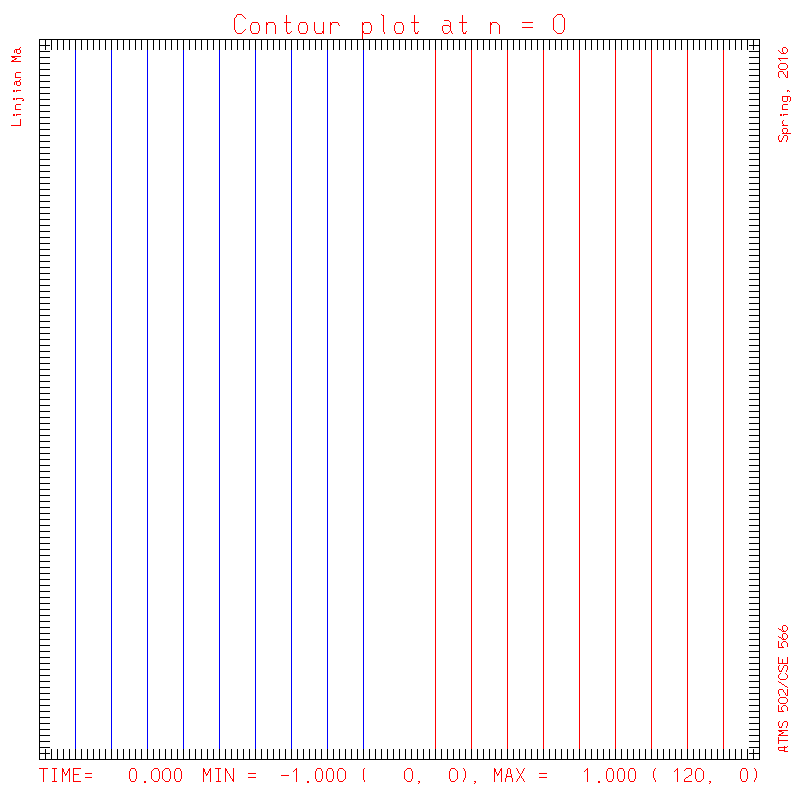
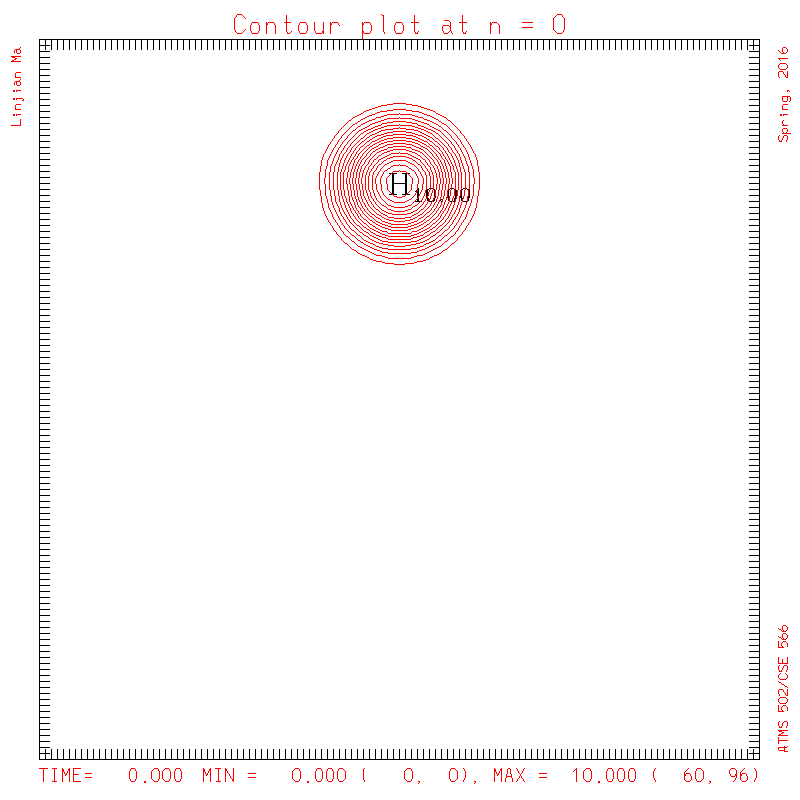
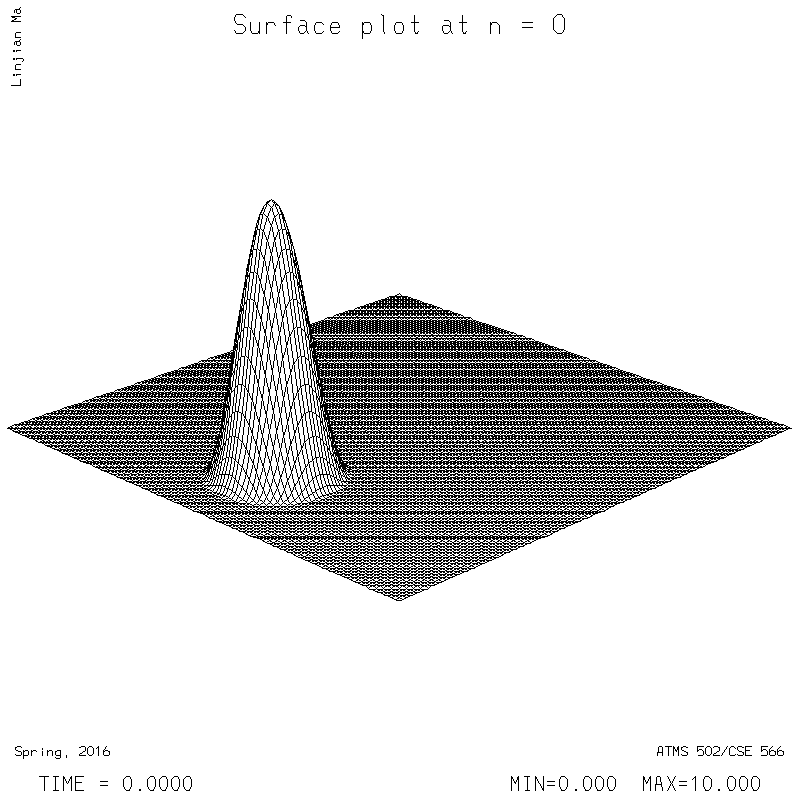
Initial condition of U and V



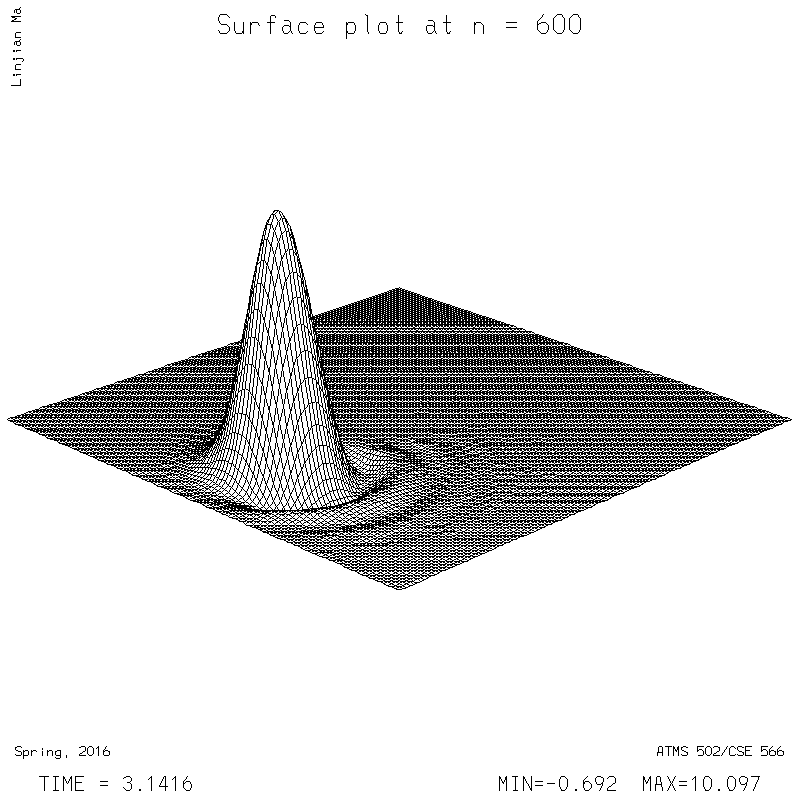


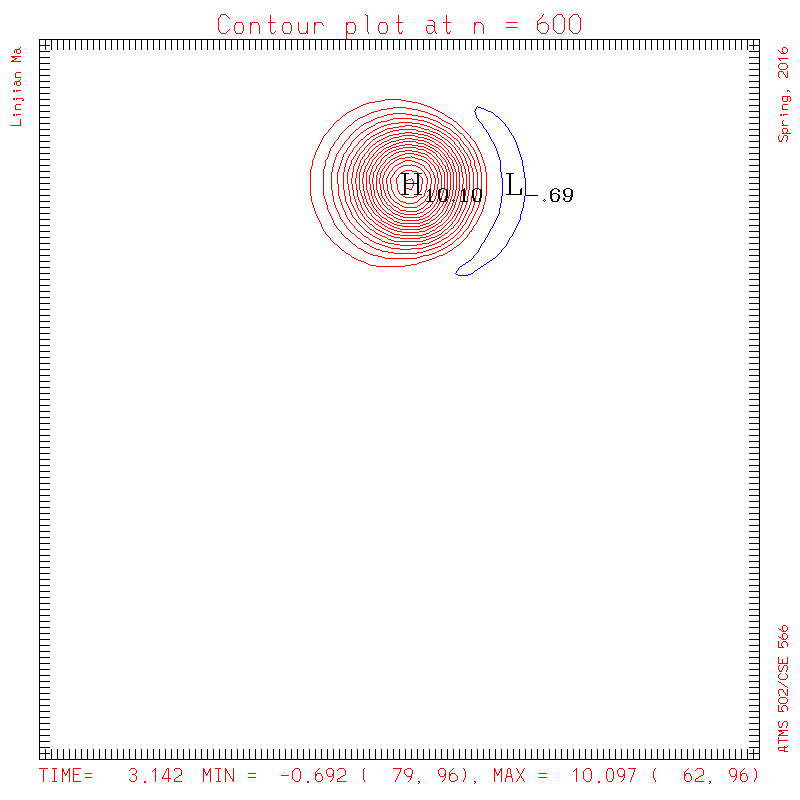
Initial condition of p



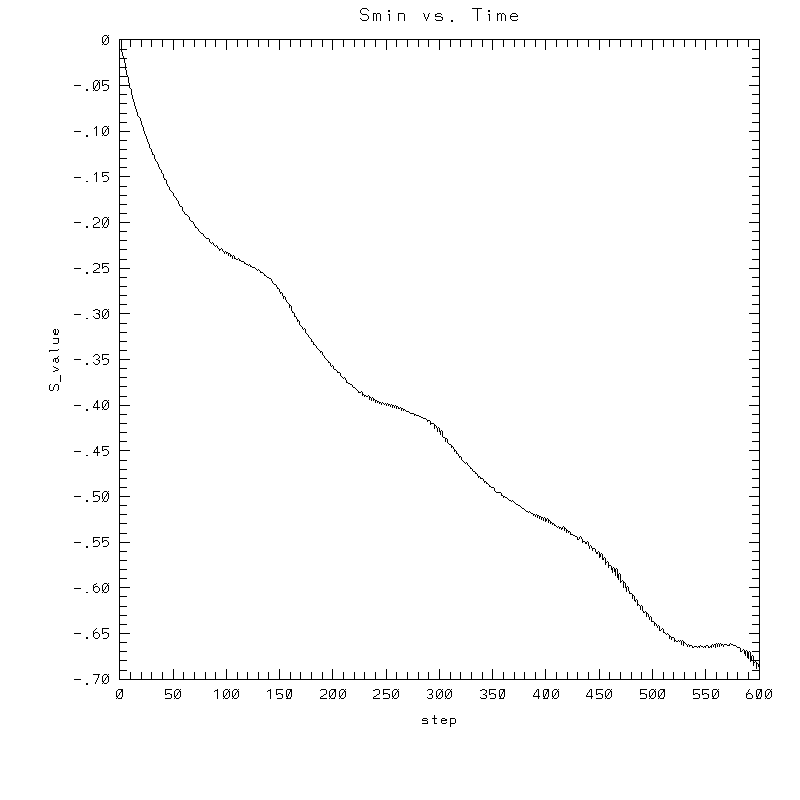


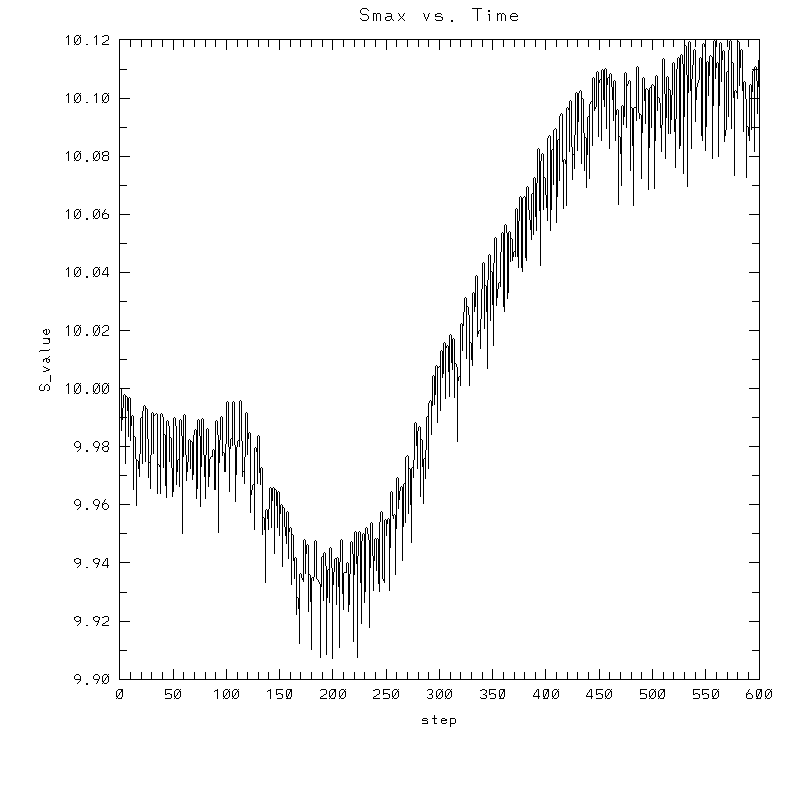
Final result of lax method



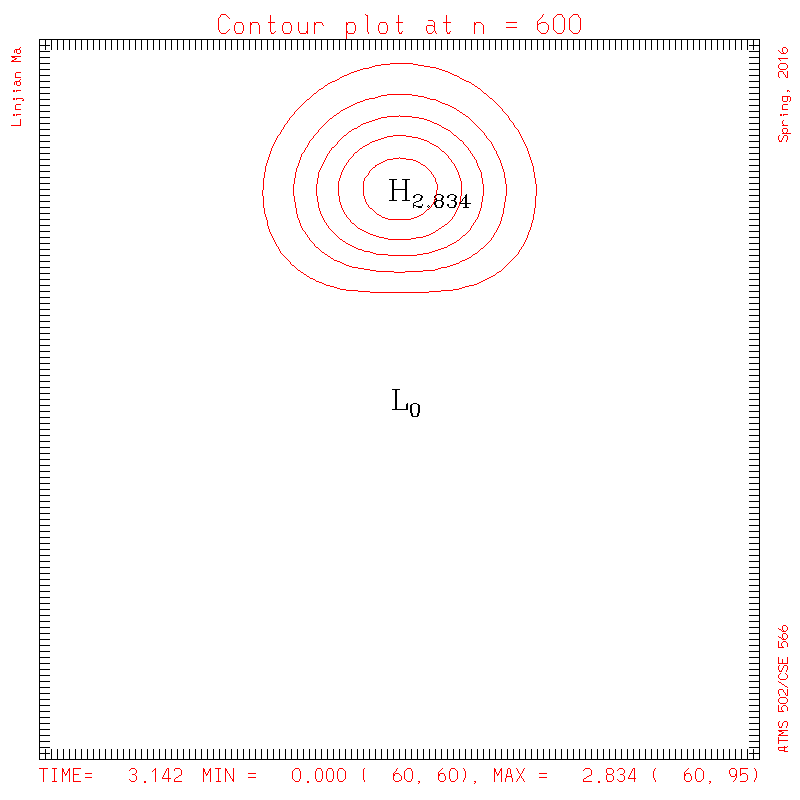


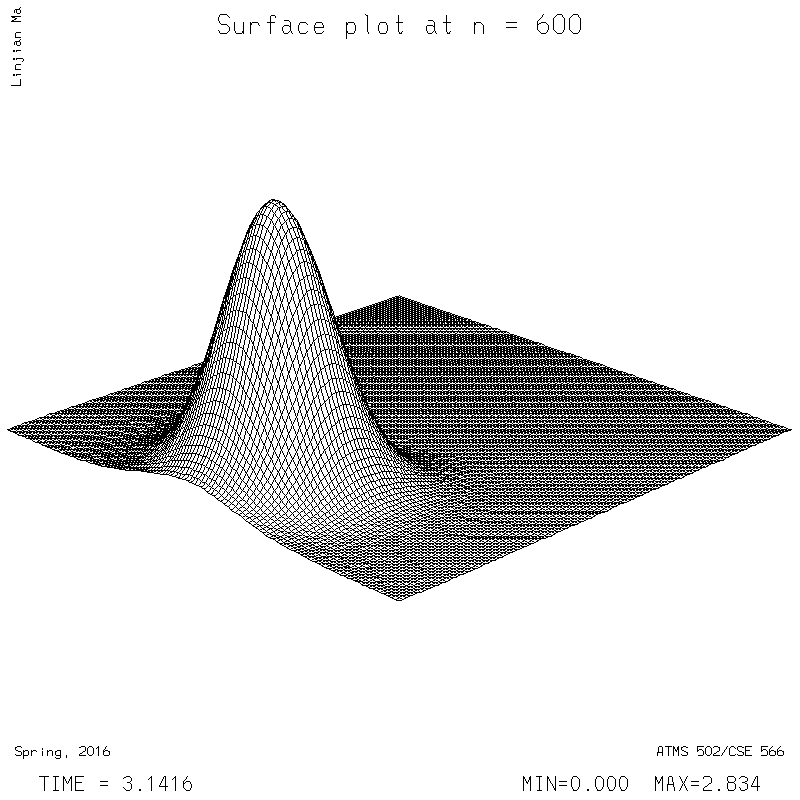
Error analysis of Lax method



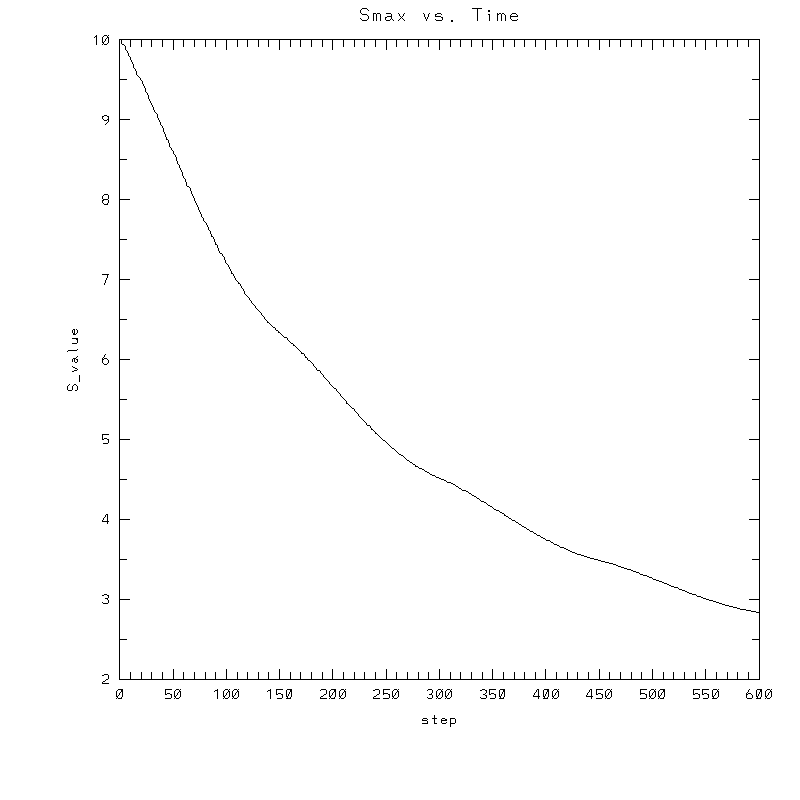


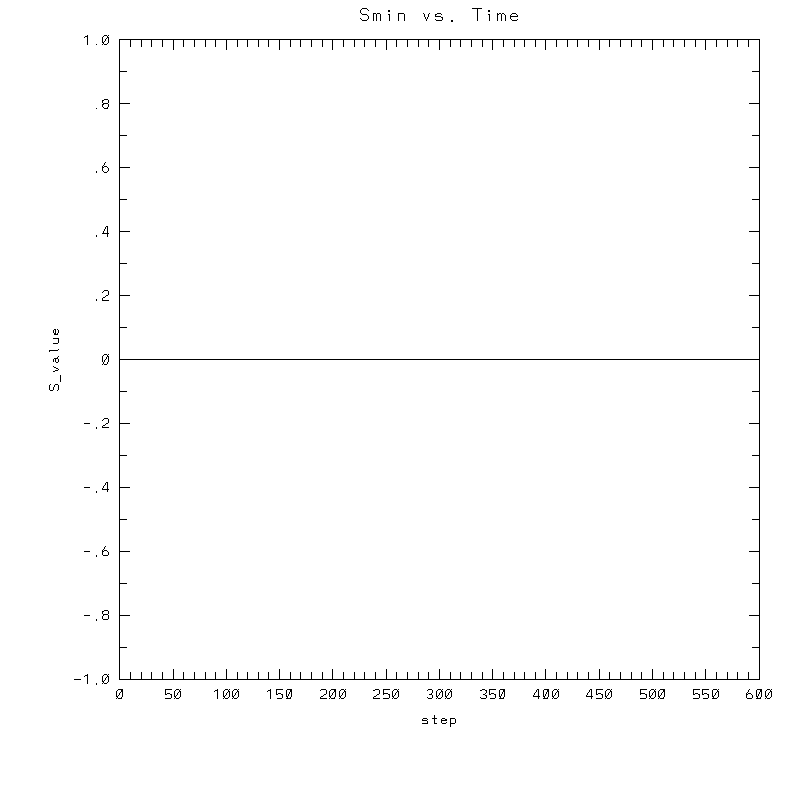
Final result of upstream method





Error analysis of upstream method





Error analysis data

Lax\_Wendroff:

correlation = 0.98229

total error = 0.03086

dissipation error = 0.00003

dispersion error = 0.03085

Upstream:

correlation = 0.79974

total error = 0.40822

dissipation error = 0.24175

dispersion error = 0.16652