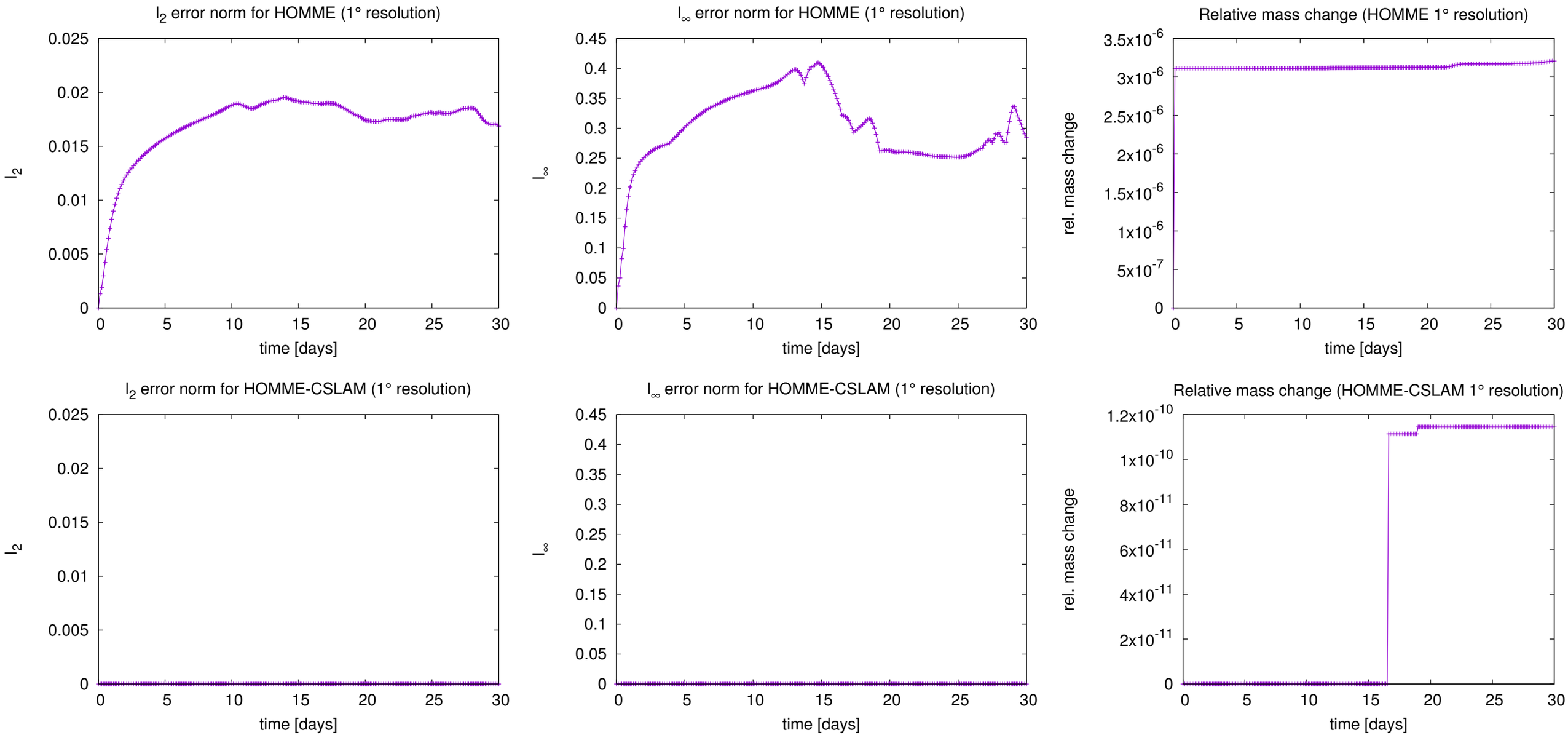Diagnostics for terminator test: chemistry time−step = 1800s